

21m

18m

15m

12m

9m

6m

3m



SQ 50 LED
page 3.16



SQ luminaires
page 3.34

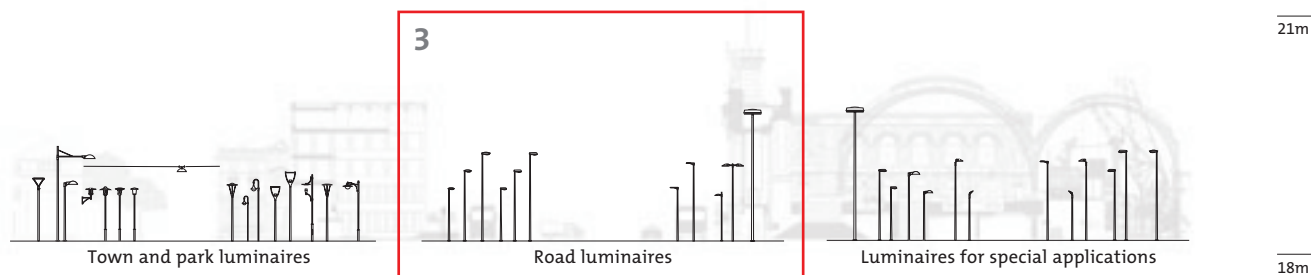






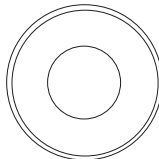
SR 50 LED
page 3.20



SR luminaires
page 3.54





- 
 Streetlight 10
mini LED
page 3.6
- 
 Streetlight 10
midi LED
page 3.6
- 
 SiCOMPACT® A2 MINI LED
page 3.24
- 
 SiCOMPACT® A2 MIDI
page 3.70
- 
 SiSTELLAR® MAXI
page 3.76



LED mast luminaires



Streetlight 10
mini LED
page 3.6



Streetlight 10
midi LED
page 3.6



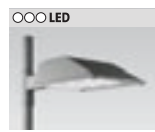
SQ 50 LED
page 3.16



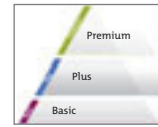
SR 50 LED
page 3.20



SiCOMPACT® A2
MINI LED
page 3.24



SiCOMPACT® A2
MIDI LED
page 3.24



Lighting
management
See Section 8

Mast luminaires



SQ luminaires
page 3.34



SR luminaires
page 3.54



SiCOMPACT® A2
MIDI
page 3.70



SiSTELLAR® MAXI
page 3.76

Luminaires for pedestrian crossings



Streetlight 10
midi LED
page 3.13



SQ 100
page 3.46



SQ 200
page 3.52



SR 100
page 3.63



SR 200
page 3.67

Luminaires for cycle paths



Streetlight 10
mini LED
page 3.10 | 3.11



DL® 20 LED
see Section 2



FANTASIE
see Section 2



BELL
see Section 2



SQ 50 | SQ 100
3.40 | 3.41 | 3.48



SR 50
page 3.59

Security Luminaires



SQ 100/200
see Section 4



SR 100/SR 200
see Section 4

Luminaires for railway platforms/tracks, shipping routes




























DL® 500
see Section 4










SR 100/SR 200
see Section 4



SiSTELLAR® MAXI
see Section 4

	 Streetlight 10 mini LED page 3.6	 Streetlight 10 midi LED page 3.6	 SQ 50 LED page 3.16	 SR 50 LED page 3.20	 SiCOMPACT® A2 MINI LED MIDI LED page 3.24	 SQ 50 100 200 page 3.34
Illuminant						
 LED	■	■	■	■	■	
 HIT-CE E27  HIT-CE E40  HIT-CE-P E40						HIT-CE: 70W HIT-CE: 100/150/250W HIT-CE-P: 100/150W
 HIT-CE-od PGZ12  HIT-CE/S-od E27						HIT-CE-od: 45/60W HIT-CE-od: 90/140W HIT-CE/S-od: 70W
 HST E27  HST E40						HST: 50/70/100W HST: 150/250/400W
 HSE E27  HSE E40						HSE: 50/70/100W HSE: 150/250/400W
 TC-LEL 2G11  TC-TELI 2G8-1						TC-LEL: 18/24W TC-TELI: 60/85/120W
Protection rating (total)	IP66	IP66	IP66	IP65	IP66	IP66
Insulation class	II	II	II	II	II I	II
recommended mounting height	4...6m	6...10m	4...6m	4...6m	3...6m 6...10m	4...6m 6...10m 8...12m
Recommended applications						
• shopping streets urban areas					■	
• pedestrian crossings		■				■
• cycle paths	■					■
• crossing areas general area lighting					■	
• parking spaces						
• multi-lane roads motorways						■
• main thoroughfares		■				■
• through-roads and collection roads	■	■	■	■		■
• residential and ancillary roads	■	■	■	■		■
• facade lighting					■	
Mounting						
• post top	■	■	■	■	■	■
• side-entry wallw. (tube supports)	■	■	■	■		■
• cross arm support structure					■	
• podium ground					■	
• wall surface-mounted					■	
• ceiling surface-mounted					■	
minimised light immission						 A)  B)
Optics						
• asym. extremely wide distribution	■					■
• asym. wide distribution	■	■	■	■	■	■
• asym. right dist. asym. left dist.		■				■
• multiple adjustment reflector						
• shielding on building side						■
• shielding on road side						■

A) with cover panel | B) with diffuser

		
SR 50 100 200	SiCOMPACT® A2 MIDI	SISTELLAR® MAXI
page 3.54	page 3.70	page 3.76
HIT-CE: 70W HIT-CE: 100/150W HIT-CE-P: 100/150W		HIT-CE: 150/250W
HIT-CE-od: 45/60W HIT-CE-od: 90/140W		
HST: 50/70/100W HST: 150/250/400W	HST: 70W HST: 100/150/250W	HST: 150/250/400W
HSE: 50/70/100W HSE: 150/250/400W		HSE: 150/250W
TC-LEL: 18/24W		
IP65	IP66	IP44
II	II	I II
4...6m 6...10m 8...12m	6...10m	10...16m
■		
■		
		■
■		■
■	■	
■	■	
■	■	■
■		
	■	
 		
■	■	
■		■
■		
■		



Streetlight 10 LED

Streetlight 10 LED is the standard for an LED outdoor luminaire designed completely according to factors of efficiency and lighting effect. Purist, functional design comes together with high power LEDs and outstanding photometrics. As such, Streetlight 10 LED eminently complies with the requirements of DIN EN 13201 for all S and M lighting classes.

Streetlight 10 is available in construction sizes mini and midi with either one or two LED modules in each case. In addition to the highly precise road optics used in both construction sizes there is also an optical module for the lighting of cycle paths (recommended: mini) and a solution for pedestrian crossings (recommended: midi). The microprocessor-controlled LED operating electronics make available an especially high level of efficiency potential. Luminous flux can be individually set according to needs with the performance packages Plus (with Siteco® Service Box) and Premium (with Siteco® Light Control).

The mechanical concept of the luminaire is also future-fit. Both the optical module and the gear tray can be simply and rapidly replaced. This means upgrading to higher performance, future LED modules is easily implemented. This solution enables a sustainable and future-oriented use of the high quality luminaire housing.



Housing

Luminaire housing and mast adapter of diecast aluminium | mast flange in 3 sizes for various mast diameters, for post top or side entry mounting, for luminaire inclination 0°, 5°, 10° or 15° | encapsulated LED module with flat, formed optical enclosure of PMMA; easily replaceable for easy maintenance and suitability for the future | high quality, extremely weather-resistant Siteco metallic grey coating (DB7025) | insulation class: II | protection rating: IP66

+ 1-pole for 230V control voltage for power reduction
+ 2-pole for Siteco® Digital Interface (SDI) for parameterising the luminaire with the Service Box and integration into the digital control system
Premium performance package: with 2-pole connection terminal, max. 2.5mm² (control and monitoring of the luminaire from a central control point without supplementary control wires; data transmission according to standard LON protocol)

Electrics

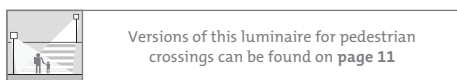
Cover opened downwards | encapsulated, plug-in LED module | all electric components on removable gear tray

Basic performance package: with 3-pole connection terminal, max. 2.5mm² (2-pole for mains supply + 1-pole for 230V control voltage for power reduction) | control signal: $U_{St} = 230V \rightarrow 100\%$ luminous flux; $U_{St} = 0V \rightarrow$ approx. 50% luminous flux

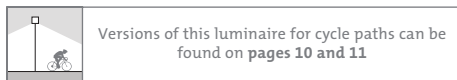
Plus performance package: with 5-pole connection terminal, max. 2.5mm² (2-pole for mains supply

Lighting technology

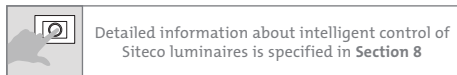
Asymmetric wide light distribution for standard-compliant lighting according to DIN EN 13201 | excellent glare reduction and very high homogeneity with minimal light spill via HD optics | adjustable luminaire inclination for optimal adaptation to lighting situations and road geometries



Versions of this luminaire for pedestrian crossings can be found on [page 11](#)



Versions of this luminaire for cycle paths can be found on [pages 10 and 11](#)



Detailed information about intelligent control of Siteco luminaires is specified in [Section 8](#)



- + integrative, future-fit luminaire design
- + newly developed HD reflector technology optimised for the application sector
- + minimised light immission
- + HD optics for optimal, homogeneous road lighting
- + adjustable luminaire inclination for optimal adaptation to lighting situations and road geometries
- + optical module unit with high power LEDs for sustainability, future safety and easy maintenance; simple replacement
- + capsuled LED module, ready to plug in (IP66)
- + constant luminous flux control (Plus) for precise and highly efficient road lighting
- + conveniently programmable and parameterisable via the Siteco® Service Box (with Plus version)
- + tried-and-true gear tray with electrical and electronic components is easily accessible and replaceable
- + long system service life and low luminous flux loss via optimised thermal management (>50,000 hrs)
- + low power consumption with very good photometric results ensures efficient and economic road lighting

Recommended application

- residential areas, ancillary, service and collection roads
- for wide luminaire spacing of >35m
- Streetlight 10 midi LED with special reflector unit for pedestrian crossings, asymmetric left or right-sided distribution
- Streetlight 10 mini LED with special reflector unit for cycle paths, asymmetric extremely wide distribution



Streetlight 10 mini LED | for post-top or side-entry mounting | asymmetric distribution

Streetlight 10 mini LED mast luminaire for post-top or side-entry mounting | with white LED with reflectors, asymmetric light with homogeneous, wide distribution; with flat, formed cover | microprocessor-controlled LED operating electronics; with control functionality for lighting management and monitoring* | housing and mast flange of diecast aluminium, Siteco® metallic grey (DB 702S); cover of PMMA

Protection rating: IP66

Insulation class: II

Mast spigot with post-top mounting: $d_a = 60/76 \times 100\text{mm}$

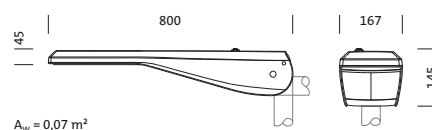
Mast spigot with side-entry mounting: $d_a = 42/60 \times 100\text{mm}$

Recommended mounting height: MH= 4.6m

(luminaire can be tilted at 0°, 5°, 10° or 15° via mast flange)

* all versions with temperature monitoring for protection of LEDs from thermal overload
 Basic version: with power reduction via 230V control voltage | no luminous flux constancy |
 Plus version: with luminous flux constancy over complete service life | with integrated, programmable timer for luminous flux reduction at two levels | settable luminous flux for max. operation and for both reduction levels | all parameters settable via Service Box | on request: can be integrated via SDI into existing digital control systems and controlled from a central control point | alternative luminous flux reduction via 230V control voltage
 Premium version: functional range as with Plus version, but for individual monitoring and control of the luminaire from a central control point from any distance via LON-PowerLine without supplementary control wire (instead of SDI)

Luminaire can be operated with factory pre-setting. The pre-setting with the Plus and Premium versions can be modified with the mounted and dismantled luminaire



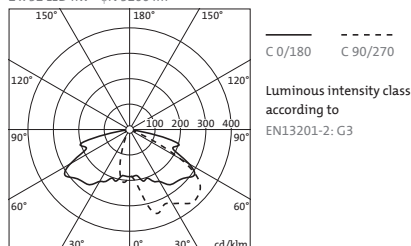
Lamps	P_{nom} begin service life	P_{nom} end service life	P_{red} at 50% lumin. flux	Wt. (kg)	Order No.
with ECG Basic					
1x LED module nw	51	51	21	6.4	5XA5811A1A08
with ECG Plus					
1x LED module nw	35	51	20	5.9	5XA5811A1B08
with ECG Premium, with luminaire controller					
1x LED module nw	35	51	20	6.1	5XA5811A1C08

- please order the 'mast cable set' separately for configuration of the Plus version with installed luminaire
- please order SLC lighting management components for the Premium version separately if required
- please order mast flange according to spigot diameter separately

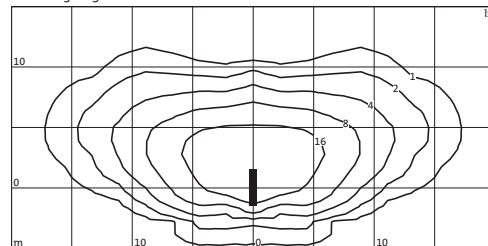
Accessories (mast flange, cable set and Service Box see following page)

5XA5811A1B08

1 x 32 LED nw $\phi N 3200 \text{ lm}$



Mounting height 5 m Tilt 0°





Streetlight 10 mini LV | for post-top or side-entry mounting | asymmetric distribution | for operation with 12..48V DC

Streetlight 10 mini LV mast luminaire for post-top or side-entry mounting | with white LED with reflectors, asymmetric light with homogeneous, wide distribution; with flat, formed cover | microprocessor-controlled LED operating electronics for operation with 12..48V DC*; with control function for lighting management and monitoring** | housing and mast flange of diecast aluminium, Siteco® metallic grey (DB 702S); cover of PMMA

Protection rating: IP66

Insulation class: II

Mast spigot with post-top mounting: $d_a = 60/76 \times 100\text{mm}$

Mast spigot with side-entry mounting: $d_a = 42/60 \times 100\text{mm}$

Recommended mounting height: MH= 4.6m

(luminaire can be tilted at 0°, 5°, 10° or 15° via mast flange)

* low voltage direct current: U= 12..48V DC; e.g. for operation with solar module or wind energy-supplied battery

** all versions with temperature monitoring for protection of LEDs from thermal overload
Basic version: with power reduction via 230V control voltage | no luminous flux constancy |

Plus version: with luminous flux constancy over complete service life | with integrated, programmable timer for luminous flux reduction at two levels | settable luminous flux for max. operation and for both reduction levels | all parameters settable via Service Box | on request: can be integrated via SDI into existing digital control systems and controlled from a central control point | alternative luminous flux reduction via 230V control voltage

Luminaire can be operated with factory pre-setting, the pre-setting with the Plus version can be modified with the mounted or dismantled luminaire

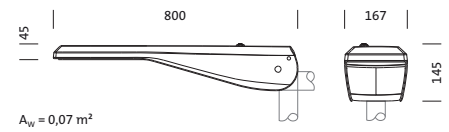


Lamps	P_{nom} begin service life	P_{nom} end service life	P_{red} at 50% lumin. flux	Wt. (kg)	Order No.
with ECG Basic					
1x LED module nw	51	51	21	5.9	5XA5811A1D08
with ECG Plus					
1x LED module nw	35	51	20	5.9	5XA5811A1E08

- please order the 'mast cable set' separately for configuration of the Plus version with installed luminaire
- please order mast flange according to spigot diameter separately

Accessories (for details see page 3.14)

Article	Wt. (kg)	Order No.
mast flange, spigot size: 42mm	1.5	5XA58100XM4
mast flange, spigot size: 60mm	1.5	5XA58100XM2
mast flange, spigot size: 76mm	1.6	5XA58100XM1
cable set, for mast, L= 4 m, for Plus version	1.0	5EA6Y00L02
cable set, for mast, L= 5 m, for Plus version	1.0	5EA6Y00L03
cable set, for mast, L= 6 m, for Plus version	1.0	5EA6Y00L08
Siteco® Servicebox, for Plus version	2.4	5EA6TEF01





Streetlight 10 mini LED | for post-top or side-entry mounting | asymmetric extremely wide distribution, for cycle paths

Streetlight 10 mini LED mast luminaire for post-top or side-entry mounting | with white LED with reflectors, asymmetric light with homogeneous, extremely wide distribution; with flat, formed cover | microprocessor-controlled LED operating electronics; with control functionality for lighting management and monitoring* | housing and mast flange of diecast aluminium, Siteco® metallic grey (DB 702S); cover of PMMA

Protection rating: IP66

Insulation class: II

Mast spigot with post-top mounting: $d_a = 60/76 \times 100\text{mm}$

Mast spigot with side-entry mounting: $d_a = 42/60 \times 100\text{mm}$

Recommended mounting height: MH= 4.6m

(luminaire can be tilted at 0°, 5°, 10° or 15° via mast flange)

* all versions with temperature monitoring for protection of LEDs from thermal overload
 Basic version: with power reduction via 230V control voltage | no luminous flux constancy |
 Plus version: with luminous flux constancy over complete service life | with integrated, programmable timer for luminous flux reduction at two levels | settable luminous flux for max. operation and for both reduction levels | all parameters settable via Service Box | on request: can be integrated via SDI into existing digital control systems and controlled from a central control point | alternative luminous flux reduction via 230V control voltage
 Premium version: functional range as with Plus version, but for individual monitoring and control of the luminaire from a central control point from any distance via LON-PowerLine without supplementary control wire (instead of SDI)

Luminaire can be operated with factory pre-setting. The pre-setting with the Plus and Premium versions can be modified with the mounted and dismantled luminaire

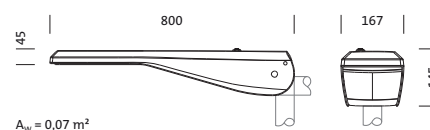


Lamps	P_{nom} begin service life	P_{nom} end service life	P_{red} at 50% lumin. flux	Wt. (kg)	Order No.
with ECG Basic					
1x LED module nw	38	38	14	5.9	5XA5811B1A08
with ECG Plus					
1x LED module nw	26	38	14	5.9	5XA5811B1B08
with ECG Premium, with luminaire controller					
1x LED module nw	26	38	14	6.1	5XA5811B1C08

- please order the 'mast cable set' separately for configuration of the Plus version with installed luminaire
 - please order SLC lighting management components for the Premium version separately if required
 - please order mast flange according to spigot diameter separately

Accessories (for details see page 3.14)

Article	Wt. (kg)	Order No.
mast flange, spigot size: 42mm	1.5	5XA58100XM4
mast flange, spigot size: 60mm	1.5	5XA58100XM2
mast flange, spigot size: 76mm	1.6	5XA58100XM1
cable set, for mast, L= 4 m, for Plus version	1.0	5EA6Y00L02
cable set, for mast, L= 5 m, for Plus version	1.0	5EA6Y00L03
cable set, for mast, L= 6 m, for Plus version	1.0	5EA6Y00L08
Siteco® Servicebox, for Plus version	2.4	5EA6TEF01





LED

Streetlight 10 mini LV | for post-top or side-entry mounting | asymmetric extremely wide distribution, for cycle paths | for operation with 12..48V DC

Streetlight 10 mini LV mast luminaire for post-top or side-entry mounting | with white LED with reflectors, asymmetric light with homogeneous, extremely wide distribution; with flat, formed cover | microprocessor-controlled LED operating electronics for mains voltage 12..48V DC*; with control function for lighting management and monitoring** | housing and mast flange of diecast aluminium, Siteco® metallic grey (DB 702S); cover of PMMA

Protection rating: IP66

Insulation class: II

Mast spigot with post-top mounting: $d_a = 60/76 \times 100\text{mm}$

Mast spigot with side-entry mounting: $d_a = 42/60 \times 100\text{mm}$

Recommended mounting height: MH= 4.6m

(luminaire can be tilted at 0°, 5°, 10° or 15° via mast flange)

* low voltage direct current: U= 12..48V DC; e.g. for operation with solar module or wind energy-supplied battery

** all versions with temperature monitoring for protection of LEDs from thermal overload

Basic version: with power reduction via 230V control voltage | no luminous flux constancy |

Plus version: with luminous flux constancy over complete service life | with integrated, programmable timer for luminous flux reduction at two levels | settable luminous flux for max. operation and for both reduction levels | all parameters settable via Service Box | on request: can be integrated via SDI into existing digital control systems and controlled from a central control point | alternative luminous flux reduction via 230V control voltage

Luminaire can be operated with factory pre-setting, the pre-setting with the Plus version can be modified with the mounted or dismantled luminaire

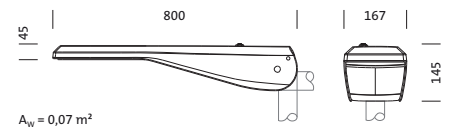


Lamps	P_{nom} begin service life	P_{nom} end service life	P_{red} at 50% lumin. flux	Wt. (kg)	Order No.
with ECG Basic					
1x LED module nw	38	38	14	5.9	5XA5811B1D08
with ECG Plus					
1x LED module nw	26	38	14	5.9	5XA5811B1E08

- please order the 'mast cable set' separately for configuration of the Plus version with installed luminaire
- please order mast flange according to spigot diameter separately

Accessories (for details see page 3.14)

Article	Wt. (kg)	Order No.
mast flange, spigot size: 42mm	1.5	5XA58100XM4
mast flange, spigot size: 60mm	1.5	5XA58100XM2
mast flange, spigot size: 76mm	1.6	5XA58100XM1
cable set, for mast, L= 4 m, for Plus version	1.0	5EA6Y00L02
cable set, for mast, L= 5 m, for Plus version	1.0	5EA6Y00L03
cable set, for mast, L= 6 m, for Plus version	1.0	5EA6Y00L08
Siteco® Servicebox, for Plus version	2.4	5EA6TEF01





Streetlight 10 midi LED | for post-top or side-entry mounting | asymmetric distribution

Streetlight 10 midi LED mast luminaire for post-top or side-entry mounting | with white LED with reflectors, asymmetric light with homogeneous, wide distribution; with flat, formed cover | microprocessor-controlled LED operating electronics; with control functionality for lighting management and monitoring* | housing and mast flange of diecast aluminium, Siteco® metallic grey (DB 702S); cover of PMMA

Protection rating: IP66

Insulation class: II

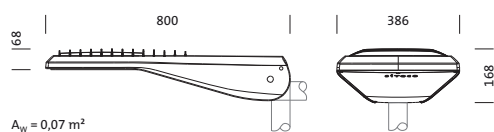
Mast spigot with post-top mounting: $d_a = 60/76 \times 100\text{mm}$

Mast spigot with side-entry mounting: $d_a = 42/60 \times 100\text{mm}$

Recommended mounting height: MH= 6..10m
(luminaire can be tilted at 0°, 5°, 10° or 15° via mast flange)

* all versions with temperature monitoring for protection of LEDs from thermal overload
Basic version: with power reduction via 230V control voltage | no luminous flux constancy |
Plus version: with luminous flux constancy over complete service life | with integrated, programmable timer for luminous flux reduction at two levels | settable luminous flux for max. operation and for both reduction levels | all parameters settable via Service Box | on request: can be integrated via SDI into existing digital control systems and controlled from a central control point | alternative luminous flux reduction via 230V control voltage
Premium version: functional range as with Plus version, but for individual monitoring and control of the luminaire from a central control point from any distance via LON-PowerLine without supplementary control wire (instead of SDI)

Luminaire can be operated with factory pre-setting. The pre-setting with the Plus and Premium versions can be modified with the mounted and dismantled luminaire



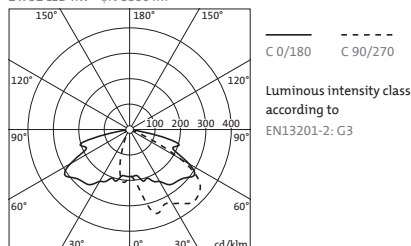
Lamps	P_{nom} begin service life	P_{nom} end service life	P_{red} at 50% lumin. flux	Wt. (kg)	Order No.
with ECG Basic					
2x LED module nw	159	159	64	11.4	5XA5821A1A08
with ECG Plus					
2x LED module nw	111	159	62	11.4	5XA5821A1B08
with ECG Premium, with luminaire controller					
2x LED module nw	111	159	62	11.4	5XA5821A1C08

- please order the 'mast cable set' separately for configuration of the Plus version with installed luminaire
- please order SLC lighting management components for the Premium version separately if required
- please order mast flange according to spigot diameter separately

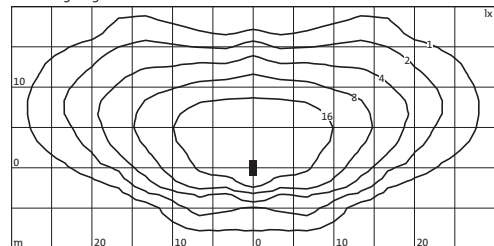
Accessories (mast flange, cable set and Service Box see following page)

5XA5821A1B08

2 x 32 LED nw ϕ N 8800 lm



Mounting height 8 m Tilt 0°





Streetlight 10 midi LED | for post-top or side-entry mounting | single-sided asymmetric distribution, for pedestrian crossings

Streetlight 10 midi LED mast luminaire for post-top or side-entry mounting | with white LED with reflectors, asymmetric left or right light with homogeneous distribution; with flat, formed cover | microprocessor-controlled LED operating electronics; with control functionality for lighting management and monitoring* | housing and mast flange of diecast aluminium, Siteco® metallic grey (DB 702S); cover of PMMA

Protection rating: IP66

Insulation class: II

Mast spigot with post-top mounting: $d_a = 60/76 \times 100\text{mm}$

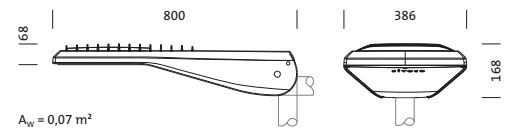
Mast spigot with side-entry mounting: $d_a = 42/60 \times 100\text{mm}$

Recommended mounting height: MH= 6..8m

(luminaire can be tilted at 0°, 5°, 10° or 15° via mast flange)

* all versions with temperature monitoring for protection of LEDs from thermal overload
 Basic version: with power reduction via 230V control voltage | no luminous flux constancy |
 Plus version: with luminous flux constancy over complete service life | with integrated, programmable timer for luminous flux reduction at two levels | settable luminous flux for max. operation and for both reduction levels | all parameters settable via Service Box | on request: can be integrated via SDI into existing digital control systems and controlled from a central control point | alternative luminous flux reduction via 230V control voltage
 Premium version: functional range as with Plus version, but for individual monitoring and control of the luminaire from a central control point from any distance via LON-PowerLine without supplementary control wire (instead of SDI)

Luminaire can be operated with factory pre-setting. The pre-setting with the Plus and Premium versions can be modified with the mounted and dismantled luminaire



Lamps	P_{nom} begin service life	P_{nom} end service life	P_{red} at 50% lumin. flux	Light distribution	Wt. (kg)	Order No.
with ECG Basic						
2x LED module nw	159	159	64	asymmetric, left	11.4	5XA5821C1A08
2x LED module nw	159	159	64	asymmetric, right	11.4	5XA5821D1A08
with ECG Plus						
2x LED module nw	111	159	62	asymmetric, left	11.4	5XA5821C1B08
2x LED module nw	111	159	62	asymmetric, right	11.4	5XA5821D1B08
with ECG Premium, with luminaire controller						
2x LED module nw	111	159	62	asymmetric, left	11.4	5XA5821C1C08
2x LED module nw	111	159	62	asymmetric, right	11.4	5XA5821D1C08

- please order the 'mast cable set' separately for configuration of the Plus version with installed luminaire
- please order SLC lighting management components for the Premium version separately if required
- please order mast flange according to spigot diameter separately

Accessories (for details see page 3.14)

Article	Wt. (kg)	Order No.
cable set, for mast, L= 6 m, for Plus version	1.0	5EA6Y00L08
cable set, for mast, L= 7 m, for Plus version	1.0	5EA6Y00L07
cable set, for mast, L= 8 m, for Plus version	1.0	5EA6Y00L09
cable set, for mast, L= 10 m, for Plus version	1.0	5EA6Y00L10
Siteco® Servicebox, for Plus version	2.4	5EA6TEF01
mast flange, spigot size: 42mm	1.5	5XA58100XM4
mast flange, spigot size: 60mm	1.5	5XA58100XM2
mast flange, spigot size: 76mm	1.6	5XA58100XM1

Siteco® Service Box electrical accessories



Siteco® Service Box

for parameterising the operating electronics of all Siteco LED 'Plus' version road luminaires | maximum energy efficiency via individual adaptation of lighting level, switching time and reduction level | setting of static colours and dynamic colour sequences with corresponding luminaires | Service Box includes software* | with plug-in coupling for connection of Y-cable | housing of plastic; plug-in coupling with protection cap
IP54 | insulation class II

Type	Wt. (kg)	Order no.
Siteco® Service Box	2.4	5EA6TEF01

• incl. Y-cable for looping the Service Box into luminaire supply cable | incl. 'workshop' cable set for parameterising the unmounted luminaire in the workshop; safety plug on one end
* adoption of complete colour sequences and software updates possible via PC | incl. mini USB interface for connection to PC



Siteco® Architainment Suite

pre-installed on Siteco® Service Box; can be downloaded for free via the following link:

www.siteco.de → Service → Download → Software → PC-Tools → Architainment Suite

Streelight 10 ... LED electrical accessories

Mast cable set

for wiring of junction box in mast to luminaire, Plus version | with 5-pole plug-in coupling for integration of Siteco® Service Box, for manual parameterisation of luminaire (e.g. luminous flux, timer etc.)

Type	Order no.
Cable set, for luminaire, Plus version	
Mast cable set, L= 4.0m	5EA6Y00L02
Mast cable set, L= 5.0m	5EA6Y00L03
Mast cable set, L= 6.0m	5EA6Y00L08
Mast cable set, L= 7.0m	5EA6Y00L07
Mast cable set, L= 8.0m	5EA6Y00L09
Mast cable set, L= 10.0m	5EA6Y00L10

Streelight 10 ... LED mounting accessories

Mast flange

for installing Streetlight 10 as post top or side-entry luminaire via twisting of mast flange | luminaire inclination set via mast flange (0°, 5°, 10°, 15°) | various mast flanges for differing mast spigot diameters | mast flange of die-cast aluminium, light grey (RAL 7035)

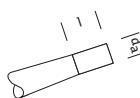
Type	Order no.
Mast flange for spigot size d_a	
$d_a = 42\text{mm}$	5XA58100XM4
$d_a = 60\text{mm}$	5XA58100XM2
$d_a = 76\text{mm}$	5XA58100XM1

– mast flange not included in luminaire delivery; please order mast flange separately according to mast spigot diameter



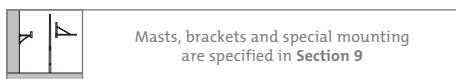
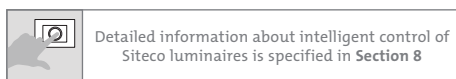
Mounting information for post-top mounting

mast spigot: $d_a \times l = 76 \times 100\text{mm}$ (luminaire mounting with mast flange type 76)
 $d_a \times l = 60 \times 100\text{mm}$ (luminaire mounting with mast flange type 60)



Mounting information for side-entry mounting

mast spigot: $d_a \times l = 60 \times 100\text{mm}$ (luminaire mounting with mast flange type 60)
 $d_a \times l = 42 \times 100\text{mm}$ (luminaire mounting with mast flange type 42)





SQ 50 LED

The SQ 50 LED road luminaire has been designed to modernise existing installations with high energy efficiency and to supply standard-compliant lighting for new installations. The familiar, contemporary and functional housing accommodates a gear tray with state-of-the-art LED technology and precisely matched optical systems. This principle ensures that with the supplementing of existing systems with efficient SQ 50 LED light points, the harmonious overall appearance of the installation is maintained.

The LED luminaire can be individually set according to needs via the microprocessor-controlled LED operating electronics with the performance packages 'Plus' (with Siteco® Service Box) and 'Premium' (with Siteco® Light Control).

Thanks to Siteco gear tray technology the LED module of the SQ 50 LED luminaires is replaceable, and an upgrade of the LED module to future LED modules with higher performance is easily implemented.



Housing

two-part luminaire housing consisting of frame and canopy (opened upwards) | frame, mast clamping plate, canopy and easy-access one-hand lever catch of diecast aluminium with extremely weather-resistant coating: frame metallic grey (RAL 9006), canopy aluminium grey (RAL 9007) | all-round bi-component EPDM sealing with labyrinth function | flat optical enclosure of toughened safety glass | pivotable mast clamping plate flush-integrated in frame, for post-top and side-entry mounting; 0° inclination with with post-top mounting, with offset mast spigot with side-entry mounting | pressure equalisation system with air-permeable membrane for condensation avoidance in housing | insulation class: II | protection rating: IP66 for complete luminaire (dustproof and water-jet proof)

Electrics

Canopy opened without tools, can be folded upwards; with automatic all-pole power disconnection | LED modules and all electric components on removable gear tray

Basic performance package: LED module with 3-pole connection terminal, max. 2.5mm² (2-pole for mains supply + 1-pole for 230V control voltage for power reduction)

Control signal: $U_{St} = 230V \rightarrow 100\%$ luminous flux;
 $U_{St} = 0V \rightarrow$ approx. 50% luminous flux


Plus performance package: LED module with 5-pole connection terminal, max. 2.5mm² (2-pole for mains supply + 1-pole for 230V control voltage for power reduction + 2-pole for Siteco® Digital Interface (SDI) for parameterising of the luminaire with the Service Box and integration into the digital control system
Premium performance package: LED module with 2-pole connection terminal, max. 2.5mm² (control and monitoring of the luminaire from a central control point without supplementary control wires; data transmission according to standard LON protocol)


Lighting technology

Wide light distribution for standard-compliant lighting according to DIN EN 13201 | excellent glare reduction and high homogeneity with minimised light immission via LEDs with oval attachment lens and additional light control via lateral reflectors and structured, reflection-reduced flat cover panel | high system efficiency via system-optimised light distribution and wide luminaire spacing

Recommended application

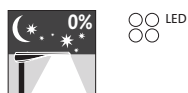
- residential areas, ancillary, residential and collection roads
- for wide luminaire spacing of 25...32m

 Detailed information about intelligent control of Siteco luminaires is specified in **Section 8**

 Versions for conventional lamps are specified from **page 34**

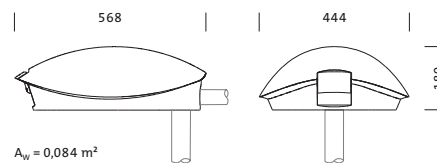


- + ideal for expanding existing installations: the visual appearance of the road is maintained
- + innovative LED gear tray technology with precisely matched lenses and reflectors for energy-efficient lighting
- + LED insert for standardised lighting of roads according to DIN EN 13201, for wide luminaire spacing with uniform illumination
- + optical enclosure of white glass with excellent transmission factor, structured and reflection-reduced for excellent glare elimination and very good homogeneity
- + constant luminous flux control ('Plus' version) for precise and efficient road lighting
- + long system service life (>50,000 hrs)
- + highly simple mounting and maintenance: modular gear tray concept, can be simply replaced for future upgrading of SQ 50 LED versions
- + convenient one-hand lever catch
- + universal mounting for post-top and side-entry mounting via pivotable mast clamping plate
- + high quality, durable housing material of diecast aluminium
- + flat optical enclosure for increased vandal protection
- + high quality four-level sealing system with air-permeable membrane for optimal pressure equalisation
- + safe IP 66 protection rating for complete luminaire



SQ 50 LED | for post-top or side-entry mounting | asymmetric distribution

SQ 50 LED mast luminaire for universal post-top or side-entry mounting | with white LED with lens, asymmetric wide distribution; with flat, structured and reflection-reduced white glass cover | microprocessor-controlled LED operating electronics; according to version with differing control function for lighting management and monitoring* | housing of diecast aluminium; metallic grey aluminium frame (RAL 9006), grey aluminium canopy (RAL 9007); cover of toughened safety glass (ESG)



Protection rating: IP66

Insulation class: II

Mast spigot with post-top mounting: $d_a = 60/76 \times 100\text{mm}$

Mast spigot with side-entry mounting: $d_a = 42/60 \times 120\text{mm}$

Recommended mounting height: MH= 4.6m

* all versions with temperature monitoring for protection of LEDs from thermal overload
 Basic version: with luminous flux reduction via 230V control voltage | no luminous flux constancy |
 Plus version: with luminous flux constancy over complete service life | with integrated, programmable timer for luminous flux reduction at two levels | settable luminous flux for max. operation and for both reduction levels | all parameters settable via Service Box | on request: can be integrated via SDI into existing digital control systems and controlled from a central control point | alternative luminous flux reduction via 230V control voltage
 Premium version: functional range as with Plus version, but for individual monitoring and control of the luminaire from a central control point from any distance via LON-PowerLine without supplementary control wire (instead of SDI)

Luminaire can be operated with factory pre-setting. The pre-setting with the Plus and Premium versions can be modified with the mounted and dismantled luminaire

IP 66

Lamps	P _{nom} begin service life	P _{nom} end service life	P _{red} at 50% lumin. flux	Wt. (kg)	Order No.
with ECG Basic					
2x LED module nw	37	37	16	9.0	5XA5577ANA7G
3x LED module nw	68	68	25	9.3	5XA5577CNA7G
with ECG Plus					
2x LED module nw	27	37	14	9.0	5XA5577ANA8G
3x LED module nw	44	68	20	9.3	5XA5577CNA8G
with ECG Premium, with luminaire controller					
2x LED module nw	27	37	14	9.2	5XA5577ANA9G
3x LED module nw	44	68	20	9.5	5XA5577CNA9G

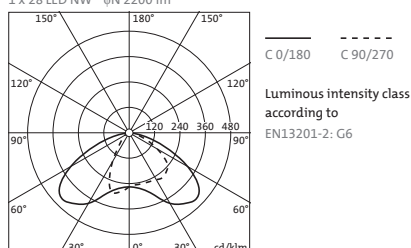
- please order the 'mast cable set' separately for configuration of the Plus version with installed luminaire
 - please order SLC lighting management components for the Premium version separately if required

Accessories (for details see page 3.19)

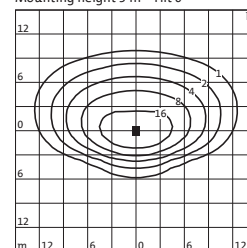
Article	Wt. (kg)	Order No.
cable set, for mast, L= 4 m, for Plus version	1.0	5EA6Y00L02
cable set, for mast, L= 5 m, for Plus version	1.0	5EA6Y00L03
cable set, for mast, L= 6 m, for Plus version	1.0	5EA6Y00L08
Siteco® Servicebox, for Plus version	2.4	5EA6TEF01

5XA5577ANA7G

1 x 28 LED NW ϕ N 2200 lm



Mounting height 5 m Tilt 0°



Siteco® Service Box electrical accessories

**Siteco® Service Box**

for parameterising the operating electronics of all Siteco LED 'Plus' version road luminaires | maximum energy efficiency via individual adaptation of lighting level, switching time and reduction level | setting of static colours and dynamic colour sequences with corresponding luminaires | Service Box includes software* | with plug-in coupling for connection of Y-cable | housing of plastic; plug-in coupling with protection cap
IP54 | insulation class II

Type

Siteco® Service Box

Wt. (kg)

2.4

Order no.

5EA6TEF01

• incl. Y-cable for looping the Service Box into luminaire supply cable | incl. 'workshop' cable set for parameterising the unmounted luminaire in the workshop; safety plug on one end
* adoption of complete colour sequences and software updates possible via PC | incl. mini USB interface for connection to PC

**Siteco® Architainment Suite**

pre-installed on Siteco® Service Box; can be downloaded for free via the following link:

www.siteco.de → Service → Download → Software → PC-Tools → Architainment Suite

SQ 50 LED electrical accessories

Mast cable set

for wiring of junction box in mast to luminaire, Plus version | with 5-pole plug-in coupling for integration of Siteco® Service Box, for manual parameterisation of luminaire (e.g. luminous flux, timer etc.)

Type

Cable set, for luminaire, Plus version

Order no.

Mast cable set, L= 4.0m

5EA6Y00L02

Mast cable set, L= 5.0m

5EA6Y00L03

Mast cable set, L= 6.0m

5EA6Y00L08

SQ luminaires, mounting information

**Mounting information for post-top mounting**

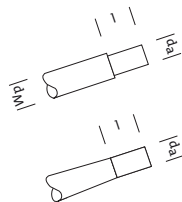
Mast spigot for steel mast:

 $d_a \times l = 76 \times 100\text{mm}$ $d_a \times l = 60 \times 100\text{mm}$

Mast spigot, concrete mast (luminaire tilt 0°):

 $d_a \times l = 76 \times 135\text{mm}$ $d_a \times l = 60 \times 135\text{mm}$

(luminaire tilt 15°):

 $d_a \times l = 76 \times 145\text{mm}$ $d_a \times l = 60 \times 145\text{mm}$ **Mounting information for side-entry mounting**

Mast spigot for steel mast*:

 $d_a \times l = 60 \times 120\text{mm}$ $d_a \times l = 48 \times 120\text{mm}$

Mast spigot with concrete mast:

 $d_a \times l = 42 \times 120\text{mm}$ $d_a \times l = 60 \times 135\text{mm}$ $d_a \times l = 42 \times 135\text{mm}$ *mast diameter with stepped offset mast: $d_M < 7600$ 

Masts, brackets and special mounting are specified in **Section 9**



Detailed information about intelligent control of Siteco luminaires is specified in **Section 8**

SR 50 LED

The SR 50 LED with its functional and classic road luminaire design is especially suitable for the expansion of existing systems with efficient LED technology.

The luminaire enables DIN EN 13201-compliant installations to be achieved with wide luminaire spacing. The microprocessor-controlled LED operating electronics ensures additional sustainability. Luminous flux of the luminaire can be individually set according to needs with the performance packages 'Plus' (with Siteco® Service Box) and 'Premium' (with Siteco Light Control).

The luminaires of the SR family are suitable for a wide variety of tasks in technical road lighting. Equipped with state-of-the-art lighting technology and precise optics, they offer outstanding solutions in relation to energy efficiency, luminaire spacing, light quality and service life.

Despite their robust construction and high IP65 protection rating, the SR luminaires are easy to handle: a central rotary catch on the luminaire underside secures the optical enclosure. The optical enclosure can be opened downwards by rotating the catch through 180 degrees. Thanks to Siteco gear tray technology the LED module of the SR 50 LED luminaires is replaceable, and an upgrade to future LED modules with higher performance is easily implemented.



- + ideal for expanding existing installations: the visual appearance of the road is maintained
- + innovative LED gear tray technology with precisely matched lenses and reflectors for energy-efficient lighting
- + LED insert for standardised lighting of roads according to DIN EN 13201, for wider luminaire spacing with uniform illumination of the road
- + optical enclosure structured and reflection-reduced for excellent glare elimination and very good homogeneity
- + constant luminous flux control ('Plus' version) for precise and efficient road lighting
- + long system service life (>50,000 hrs)
- + highly simple mounting and maintenance: modular gear tray concept, can be simply replaced for future upgrading of SR 50 LED versions
- + central rotary catch
- + as post top and side-entry luminaire, adjustable inclination 0°, 3°, 8°, 15°
- + flat optical enclosure for increased vandal protection
- + high quality sealing system with air-permeable membrane for optimal pressure equalisation
- + safe IP65 protection



Housing

luminaire housing, supporting frame and mast flange of diecast aluminium, light grey (RAL 7035) | all-round EPDM seal within housing profile | mast flange in 4 sizes for various mast diameters, for post top or side entry mounting, for luminaire inclination 0°, 3°, 8° or 15° | central rotary catch opens optical enclosure and control gear compartment | flat optical enclosure of toughened safety glass with frame of glass-fibre reinforced polyester | pressure equalisation system with air-permeable membrane for condensation avoidance in housing insulation class: II | protection rating: IP65

Electrics

Cover can be opened without tools and hinged downwards | LED modules and all electric components on removable gear tray

Basic performance package: LED module with 3-pole connection terminal, max. 2.5mm² (2-pole for mains supply + 1-pole for 230V control voltage for power reduction) | control signal: $U_{St}= 230V \rightarrow 100\%$ luminous flux;

$U_{St}= 0V \rightarrow$ approx. 50% luminous flux

Plus performance package: LED module with 5-pole connection terminal, max. 2.5mm² (2-pole for mains supply + 1-pole for 230V control voltage for power reduction + 2-pole for Siteco® Digital Interface (SDI) for parameterising of the luminaire with the Service Box and integration into the digital control system


Premium performance package: LED module with 2-pole connection terminal, max. 2.5mm² (control and monitoring of the luminaire from a central control point without supplementary control wires; data transmission according to standard LON protocol)


Lighting technology

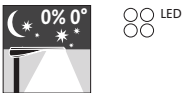
Wide light distribution for standard-compliant lighting according to DIN EN 13201 | excellent glare reduction and high homogeneity with minimised light immersion via LEDs with oval attachment lens and additional light control via lateral reflectors and structured, reflection-reduced flat cover panel | high system efficiency via system-optimised light distribution and wide luminaire spacing

Recommended application

- residential areas, ancillary, residential and collection roads
- for wide luminaire spacing of 25...32m

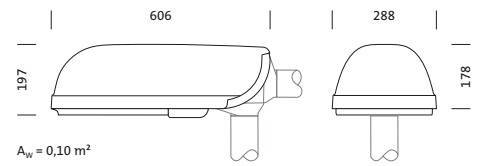
 Detailed information about intelligent control of Siteco luminaires is specified in **Section 8**

 Versions for conventional lamps are specified from **page 54**



SR 50 LED | for post-top or side-entry mounting | asymmetric distribution

SR 50 LED mast luminaire for side-entry or post-top mounting | with white LED with lens, asymmetric wide distribution; with flat, structured and reflection-reduced cover | microprocessor-controlled LED operating electronics; according to version with differing control function for lighting management and monitoring* | housing, supporting frame and mast flange of diecast aluminium, frame for glass cover of GRP; all parts light grey (RAL 7035); cover of toughened safety glass (ESG)



Protection rating: IP65

Insulation class: II

Mast spigot with post-top mounting: $d_a = 60 \times 100\text{mm}$ | $76 \times 130\text{mm}$

Mast spigot with side-entry mounting: $d_a = 42/48/60 \times 100\text{mm}$

(luminaire can be tilted at 0°, 3°, 8° or 15° via mast flange)

Recommended mounting height: MH= 4.6m

* all versions with temperature monitoring for protection of LEDs from thermal overload
 Basic version: with luminous flux reduction via 230V control voltage | no luminous flux constancy |
 Plus version: with luminous flux constancy over complete service life | with integrated, programmable timer for luminous flux reduction at two levels | settable luminous flux for max. operation and for both reduction levels | all parameters settable via Service Box | on request: can be integrated via SDI into existing digital control systems and controlled from a central control point | alternative luminous flux reduction via 230V control voltage
 Premium version: functional range as with Plus version, but for individual monitoring and control of the luminaire from a central control point from any distance via LON-PowerLine without supplementary control wire (instead of SDI)

Luminaire can be operated with factory pre-setting. The pre-setting with the Plus and Premium versions can be modified with the mounted and dismantled luminaire

IP 65

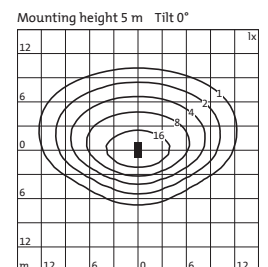
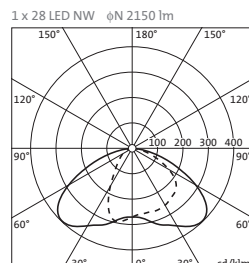
Lamps	P_{nom} begin service life	P_{nom} end service life	P_{red} at 50% lumin. flux	Wt. (kg)	Order No.
with ECG Basic					
2x LED module nw	37	37	16	8.5	5XA5517ANA72
3x LED module nw	68	68	25	8.8	5XA5517CNA72
with ECG Plus					
2x LED module nw	27	37	14	8.5	5XA5517ANA82
3x LED module nw	44	68	20	8.8	5XA5517CNA82
with ECG Premium, with luminaire controller					
2x LED module nw	27	37	14	8.7	5XA5517ANA92
3x LED module nw	44	68	20	9.0	5XA5517CNA92

- please order the 'mast cable set' separately for configuration of the Plus version with installed luminaire
- please order SLC lighting management components for the Premium version separately if required
- please order mast flange according to spigot diameter separately

Accessories (see page 3.23 for mast flange | for details see page 3.22)

Article	Wt. (kg)	Order No.
cable set, for mast, L= 4 m, for Plus version	1.0	5EA6Y00L02
cable set, for mast, L= 5 m, for Plus version	1.0	5EA6Y00L03
cable set, for mast, L= 6 m, for Plus version	1.0	5EA6Y00L08
Siteco® Servicebox, for Plus version	2.4	5EA6TEF01

5XA5517ANA72



Siteco® Service Box electrical accessories



Siteco® Service Box

for parameterising the operating electronics of all Siteco LED 'Plus' version road luminaires | maximum energy efficiency via individual adaptation of lighting level, switching time and reduction level | setting of static colours and dynamic colour sequences with corresponding luminaires | Service Box includes software* | with plug-in coupling for connection of Y-cable | housing of plastic; plug-in coupling with protection cap
IP54 | insulation class II

Type	Wt. (kg)	Order no.
Siteco® Service Box	2.4	5EA6TEF01

• incl. Y-cable for looping the Service Box into luminaire supply cable | incl. 'workshop' cable set for parameterising the unmounted luminaire in the workshop; safety plug on one end
* adoption of complete colour sequences and software updates possible via PC | incl. mini USB interface for connection to PC



Siteco® Architainment Suite

pre-installed on Siteco® Service Box; can be downloaded for free via the following link:

www.siteco.de → Service → Download → Software → PC-Tools → Architainment Suite

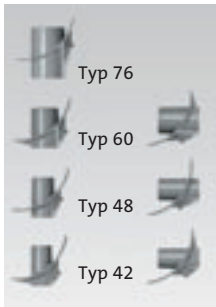
SR 50 LED electrical accessories

Mast cable set

for wiring of junction box in mast to luminaire, Plus version | with 5-pole plug-in coupling for integration of Siteco® Service Box, for manual parameterisation of luminaire (e.g. luminous flux, timer etc.)

Type	Order no.
Cable set, for luminaire, Plus version	
Mast cable set, L= 4.0m	5EA6Y00L02
Mast cable set, L= 5.0m	5EA6Y00L03
Mast cable set, L= 6.0m	5EA6Y00L08

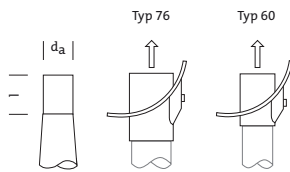
SR 50 LED mounting accessories

**Mast flange**

for installing the SR luminaire as post top or side-entry luminaire via twisting of mast flange | luminaire inclination set via mast flange (0°, 3°, 8°, 15°) | various mast flanges for differing mast spigot diameters | mast flange of die-cast aluminium, light grey (RAL 7035)

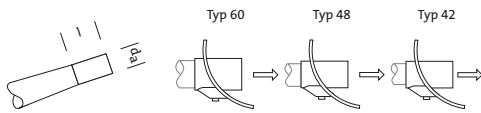
Type	Wt. (kg)	Order no.
Mast flange for mast spigot d_a		
$d_a = 76\text{mm}$	0.5	5NA55100XM1
$d_a = 60\text{mm}$	0.5	5NA55100XM2
$d_a = 48\text{mm}$	0.4	5NA55100XM3
$d_a = 42\text{mm}$	0.4	5NA55100XM4

– mast flange not included in luminaire delivery; please order mast flange separately according to mast spigot diameter

**Mounting information for post-top mounting**

mast spigot: $d_a \times l = 76 \times 130\text{mm}$ (Luminaire mounting with mast flange type 76)

$d_a \times l = 60 \times 100\text{mm}$ (Luminaire mounting with mast flange type 60)

**Mounting information for side-entry mounting**

mast spigot: $d_a \times l = 60 \times 100\text{mm}$ (Luminaire mounting with mast flange type 60)

$d_a \times l = 48 \times 100\text{mm}$ (Luminaire mounting with mast flange type 48)

$d_a \times l = 42 \times 100\text{mm}$ (Luminaire mounting with mast flange type 42)



Masts, brackets and special mounting are specified in **Section 9**



Detailed information about intelligent control of Siteco luminaires is specified in **Section 8**

SiCOMPACT® A2 MINI LED | ... MIDI LED

The road versions of the SiCOMPACT® A2 ... LED family are available in the construction sizes MINI and MIDI. Oval flood lenses combined with a structured cover panel ensure efficient light distribution. With horizontal alignment of the light emission aperture, the illuminated area can be lit so that less than 3% stray light is emitted to the upper hemisphere. The luminaires with mounting bracket can be precisely adjusted in 5° steps for exact illumination of the application area. Integral twist protection permanently fixes the luminaires.



Housing

Housing of diecast aluminium with side mounting bracket or rear housing connection for mast or wall adapter; mounting bracket, wall and mast adapter of galvanised steel; all parts coated in Siteco® metallic grey (DB 7025) | all-round silicon gasket in housing profile | cover of flat, temperature-resistant, toughened safety glass | mounting bracket with adjustment feature for floodlight, adjustment in 5° increments, with twist protection | pressure equalisation system with air-permeable membrane for condensation avoidance in housing
insulation class II (... MINI LED)
insulation class I (... MIDI LED)
protection rating: IP66

Electrics

Luminaire wired ready for connection | with 3-pole connection terminal, max. 2.5mm² (2-pole for mains supply + 1-pole for 230V control voltage for power reduction) | cable entry for cables D= 6...12mm | with microprocessor-controlled LED operating electronics for Basic performance package: with temperature monitoring for protection of LEDs from thermal overload | with power reduction via 230V control voltage | control signal: $U_{St}= 230V \rightarrow 100\%$ luminous flux; $U_{St}= 0V \rightarrow$ approx. 50% luminous flux (with SiCOMPACT® A2 MIDI LED: Basic performance package on request)

Lighting technology

Wide light distribution for standard-compliant lighting according to DIN EN 13201 | excellent glare reduction and high homogeneity with minimised light immission via LEDs with oval attachment lens and additional light control via structured, flat cover panel | high system efficiency via system-optimised light distribution and wide luminaire spacing | no light spill to upper hemisphere (light immission < 3%) with horizontal alignment of light emission surface

Recommended application

- town square, road and path lighting
- general wide-area lighting and building illumination
- security lighting for industrial facilities
- in indoor areas: can also be used as uplight
- for wide luminaire spacing of 25...32m



Versions for conventional lamps are specified from page 70



- + no light spill: light immission < 3% with horizontal mounting
- + diverse installation possibilities via construction forms with mounting brackets, for mast or wall mounting
- + luminaire family in uniform design and three construction sizes
- + luminaire cover of safety glass with all-round silicone sealing; IP66 protection
- + pressure equalisation port with air-permeable membrane prevents build-up of condensation in housing
- + low windage area: $A_w = 0.08\text{m}^2$ (with ... A2 MINI LED) or $A_w = 0.10\text{m}^2$ (with ... A2 MIDI LED)
- + version with mounting bracket: protection against twisting with integrated latticing, simple adjustment of luminaire in 5° increments



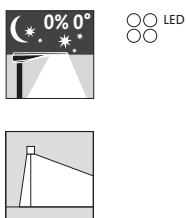
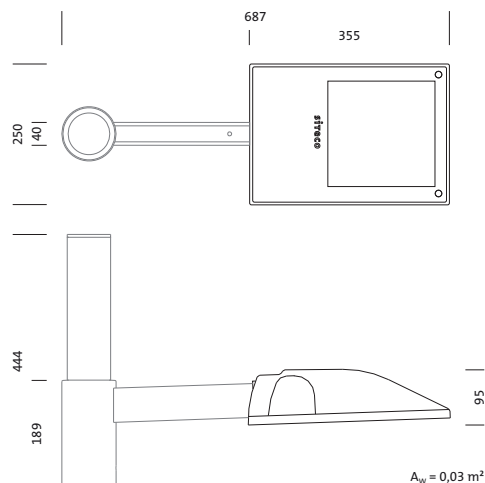
SiCOMPACT® A2 MINI LED | for mast bracket, fixing at rear

SiCOMPACT® A2 MINI LED luminaire for mounting to mast via mast bracket | with white LED with lens, asymmetric wide distribution; with flat, structured cover | microprocessor-controlled LED operating electronics* | housing with rear fixing of diecast aluminium, Siteco® metallic grey (DB 702S); cover of toughened safety glass (ESG)

Protection rating: IP66
 Insulation class: II
 Recommended mounting height: MH= 3..6m

* LED module, Basic: with temperature monitoring for protection of LEDs from thermal Overload | with power reduction via 230V control voltage

IP 66

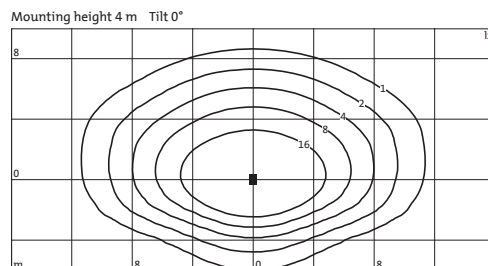
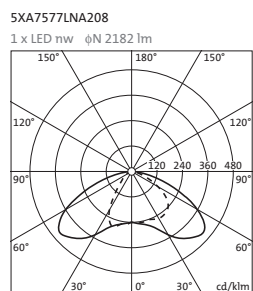


Lamps	Wt. (kg)	diffuse	Order No.
with ECG			
2x LED module nw	1.8		5XA7577LNA208

- please order mast bracket separately

Mandatory accessories (for details see page 3.32)

Article	Wt. (kg)	Order No.
bracket arm for 1 floodlight, spigot size: 76mm	4.1	5NY75701XA2108
bracket arm for 2 floodlights, spigot size: 76mm	6.4	5NY75702XA2108





SiCOMPACT® A2 MINI LED | for wall adapter

SiCOMPACT® A2 MINI LED luminaire for wall mounting via wall adapter | with white LED with lens, asymmetric wide distribution; with flat, structured cover | microprocessor-controlled LED operating electronics* | housing with rear fixing of diecast aluminium, Siteco® metallic grey (DB 702S); cover of toughened safety glass (ESG)

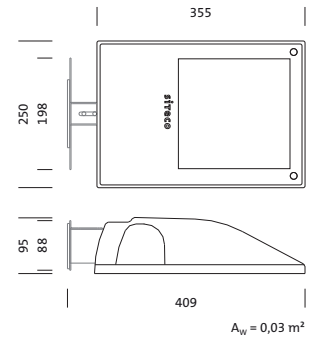
Protection rating: IP66

Insulation class: II

Recommended mounting height: MH= 3..6m

* LED module, Basic version: with temperature monitoring for protection of LEDs from thermal overload | with power reduction via 230V control voltage

IP 66  



 LED



Lamps	Wt. (kg)	diffuse Order No.
with ECG		
2x LED module nw	1.8	5XA7577LNA208

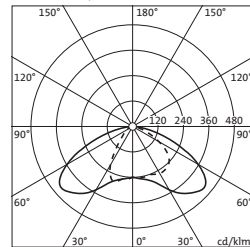
- please order wall adapter separately

Mandatory accessories (for details see page 3.33)

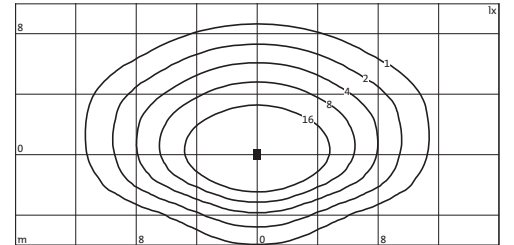
Article	Wt. (kg)	Order No.
wall arm	0.8	5NY75701XW2108

5XA7577LNA208

1 x LED nw ϕ N 2182 lm



Mounting height 4 m Tilt 0°





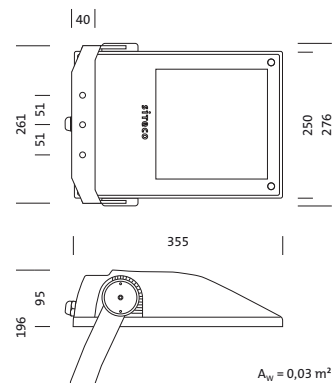
SiCOMPACT® A2 MINI LED | with mounting bracket

SiCOMPACT® A2 MINI luminaire with mounting bracket for mounting to walls, ceilings or cross-arms | with white LED with lens, asymmetric wide distribution; with flat, structured cover | microprocessor-controlled LED operating electronics* | housing of diecast aluminium; bracket of galvanised steel; housing and bracket in Siteco® metallic grey (DB 7025); cover of toughened safety glass (ESG)

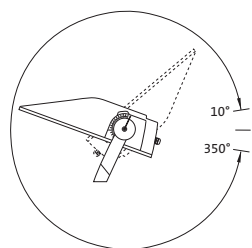
Protection rating: IP66
 Insulation class: II
 Adjustment range: 10..350° (indoor installations: 0..360°)

* LED module, Basic version: with temperature monitoring for protection of LEDs from thermal overload | with power reduction via 230V control voltage

IP 66



LED

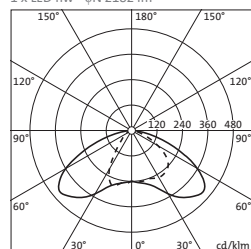


Lamps	Wt. (kg)	diffuse	Order No.
with ECG			
2x LED module nw	1.9		5XA7577LNA008

- please order cross-arm separately if required

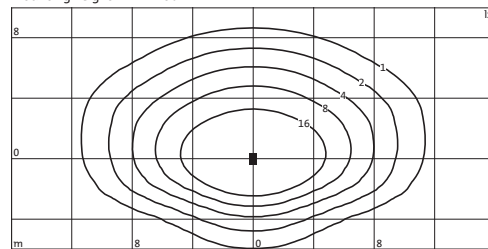
5XA7577LNA008

1 x LED nw φN 2182 lm



— C 0/180
 - - - C 90/270
 Luminous intensity class according to EN13201-2: G6

Mounting height 4 m Tilt 0°

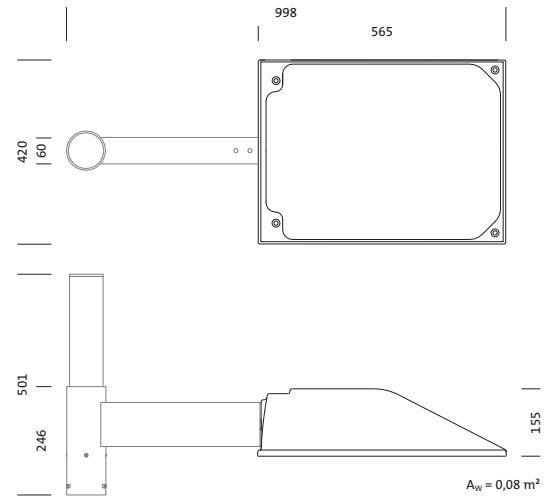
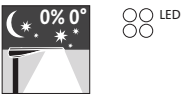




SiCOMPACT® A2 MIDI LED | for mast bracket, fixing at rear

SiCOMPACT® A2 MIDI LED luminaire for mounting to mast via mast bracket | with white LED with lens, asymmetric wide distribution; with flat, structured cover | microprocessor-controlled LED operating electronics | housing with rear fixing of diecast aluminium, Siteco® metallic grey (DB 702S); cover of toughened safety glass (ESG)

Protection rating: IP66
 Insulation class: I
 Recommended mounting height: MH= 6..10m



IP 66

Lamps	Wt. (kg)	diffuse Order No.
with ECG		
3x LED module nw	11.8	5XA7507BNT208

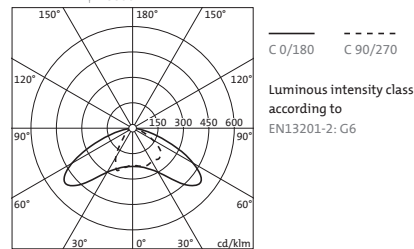
- please order mast bracket separately

Mandatory accessories (for details see page 3.32)

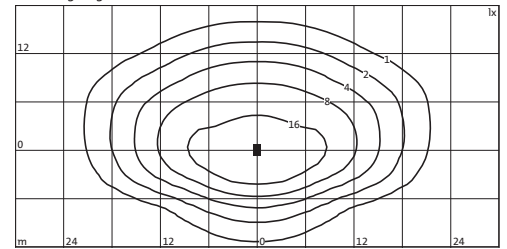
Article	Wt. (kg)	Order No.
bracket arm for 1 floodlight, spigot size: 76mm	6.0	5NY75801XA21
bracket arm for 2 floodlights, spigot size: 76mm	9.0	5NY75802XA11
bracket arm for 2 floodlights, spigot size: 89mm	9.3	5NY75802XA21
bracket arm for 3 floodlights, spigot size: 89mm	11.0	5NY75803XA21
bracket arm for 4 floodlights, spigot size: 89mm	17.0	5NY75804XA21

5XA7507BNT208

1 x LED nw ϕ N 6600 lm



Mounting height 8 m Tilt 0°





SiCOMPACT® A2 MIDI LED | for wall adapter

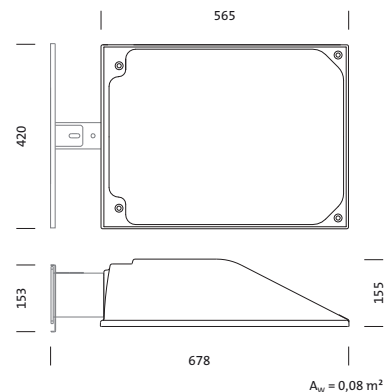
SiCOMPACT® A2 MIDI LED luminaire for wall mounting via wall adapter | with white LED with lens, asymmetric wide distribution; with flat, structured cover | microprocessor-controlled LED operating electronics | housing with rear fixing of diecast aluminium, Siteco® metallic grey (DB 702S); cover of toughened safety glass (ESG)

Protection rating: IP66

Insulation class: I

Recommended mounting height: MH= 6..10m

IP 66



LED



diffuse

Order No.

Lamps Wt. (kg)

with ECG

3x LED module nw

11.8

5XA7507BNT208

- please order wall adapter separately

Mandatory accessories (for details see page 3.33)

Article

Wt. (kg)

Order No.

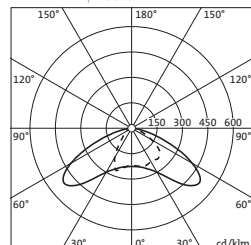
wall arm

2.2

5NY75801XW21

5XA7507BNT208

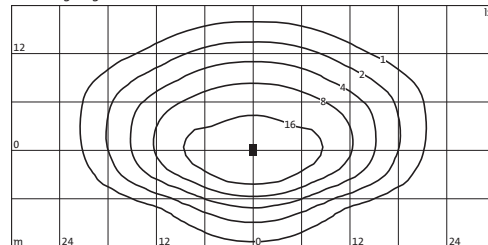
1 x LED nw ϕ N 6600 lm



— C 0/180 - - - C 90/270

Luminous intensity class according to EN13201-2: G6

Mounting height 8 m Tilt 0°



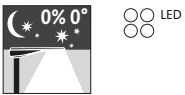
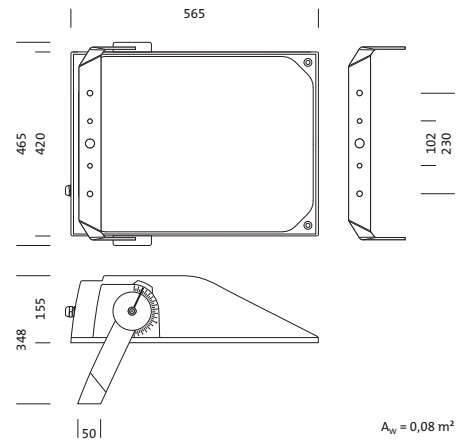


SiCOMPACT® A2 MIDI LED | with mounting bracket

SiCOMPACT® A2 MIDI luminaire with mounting bracket for mounting to walls, ceilings or cross-arms | with white LED with lens, asymmetric wide distribution; with flat, structured cover | microprocessor-controlled LED operating electronics | housing of diecast aluminium; bracket of galvanised steel; housing and bracket in Siteco® metallic grey (DB 7025); cover of toughened safety glass (ESG)

Protection rating: IP66
 Insulation class: I
 Adjustment range: 10..350° (indoor installations: 0..360°)

IP 66

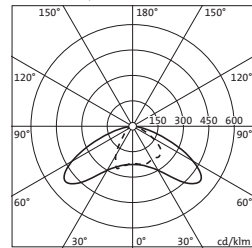


Lamps	Wt. (kg)	diffuse Order No.
3x LED module nw	13.0	5XA7587BNT008

- please order cross-arm separately if required

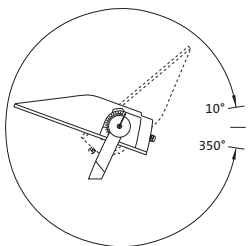
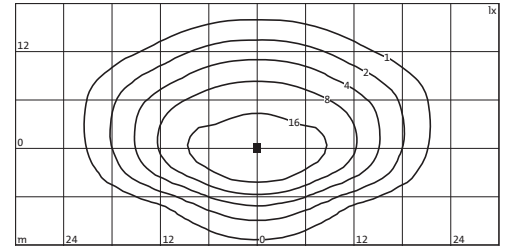
5XA7587BNT008

1 x LED nw ϕ N 6600 lm



— C 0/180
 - - - C 90/270
 Luminous intensity class according to EN13201-2: G6

Mounting height 8 m Tilt 0°



SiCOMPACT® A2 MINI LED | ... MIDI LED mounting accessories

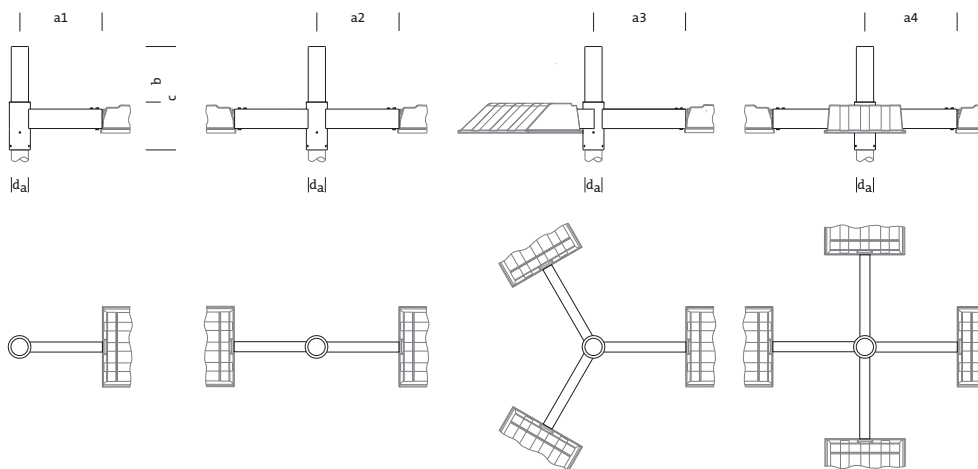

Mast bracket, for luminaire with rear housing connection

mast mounting element with single or multiple bracket | steel, galvanised and coated, Siteco® metallic grey (DB 7025) | with 5NY75701XA ...: mast mounting element of aluminium

Type	Spigot size, $d_a \times l$ (mm)	Wt. (kg)	Order no.
mast mounting element for SiCOMPACT® A2 MINI LED			
Single bracket	76 x 100	4.1	5NY75701XA2108
Twin bracket	76 x 110	6.4	5NY75702XA2108
mast mounting element for SiCOMPACT® for A2 MIDI LED			
Single bracket	76 x 110	6.0	5NY75801XA21
Twin bracket	76 x 110	9.0	5NY75802XA11
Twin bracket	89 x 110	9.3	5NY75802XA21
Triple bracket	89 x 110	11.0	5NY75803XA21
Quadruple bracket	89 x 110	17.0	5NY75804XA21

| d_a |
Mounting information
Spigot size: $d_a \times l$ 

	a1	a2	a3	a4	b	c
SiCOMPACT® A2 MINI	295	305	-	-	249	444
SiCOMPACT® A2 MIDI	400	406	506	509	255	501

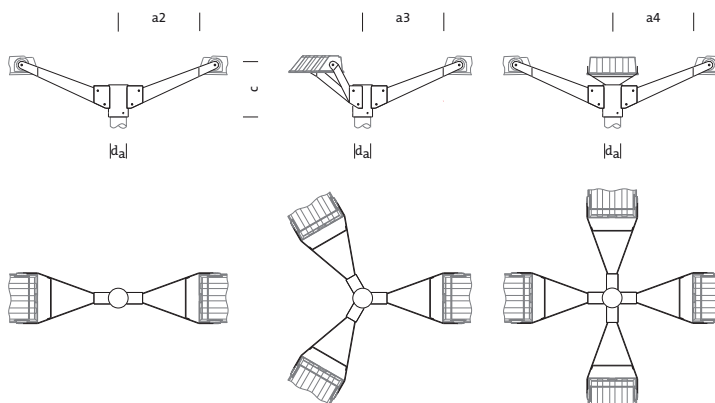

Multiple mast bracket, for luminaire with mounting bracket

mast mounting element with multiple bracket | steel, galvanised and coated, Siteco® metallic grey (DB 7025) | multiple bracket replaces the luminaire mounting bracket, luminaire connection to the fixing points of the mounting bracket | adjustment of luminaire in 5° steps

Type	Spigot size, $d_a \times l$ (mm)	Wt. (kg)	Order no.
Multiple bracket for SiCOMPACT® A2 MINI			
Twin bracket	76 x 100	6.9	5NY75702XD1108
Twin bracket	89 x 100	7.2	5NY75702XD2108
Triple bracket	89 x 100	10.9	5NY75703XD2108
Quadruple bracket	89 x 100	12.9	5NY75704XD2108
Multiple bracket for SiCOMPACT® A2 MIDI			
Twin bracket	89 x 100	13.4	5NY75802XD2108
Triple bracket	89 x 100	19.6	5NY75803XD2108
Quadruple bracket	89 x 100	25.3	5NY75804XD2108

| d_a |
Mounting information
Mast spigot: $d_a \times l$ 

	a2	a3	a4	c
SiCOMPACT® A2 MINI	420	420	420	283
SiCOMPACT® A2 MIDI	505	505	505	371



SiCOMPACT® A2 MINI LED | ... A2 MIDI LED mounting accessories

**Wall adapter**

Wall flange, cover and adapter of steel, galvanised and coated, Siteco® metallic grey (DB 702S) | wall flange via supplementary cover without visible screws

Type	Wt. (kg)	Order no.
Wall adapter		
for SiCOMPACT® A2 MINI LED	0.8	5NY75701XW2108
for SiCOMPACT® A2 MIDI LED	0.2	5NY75801XW21

SiCOMPACT® A2 MINI LED | ... A2 MIDI LED spare parts

Optical enclosure (not shown)

Toughened safety glass | transparent, part-coated; with hinge

Type	Order no.
Cover panel	
for SiCOMPACT® A2 MINI LED	5XA75700XG08
for SiCOMPACT® A2 MIDI LED	5XA75800XG08



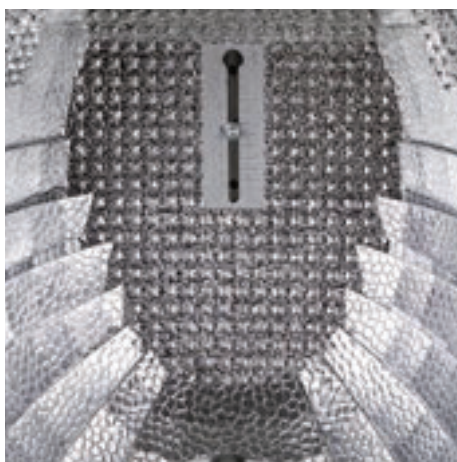
Masts, brackets and special mounting are specified in **Section 9**

SQ luminaires



The SQ luminaires with three construction sizes (SQ 50, SQ 100 and SQ 200) represent a flexible luminaire family for the technical road lighting sector. The three variants enable the design of a uniform, overall road appearance with the simultaneous solving of varied lighting tasks. All SQ luminaires feature high quality workmanship with diecast aluminium and an elegant appearance. The functional luminaire form is designed to minimise the effects of wind. Equipped with state-of-the-art lighting technology and precise optics, the luminaires offer outstanding solutions in relation to energy efficiency, luminaire spacing and light quality. Various optical enclosures (flat/convex cover or diffuser) and various lamp configurations set a wide variety of road situations in the right light. If the luminaire is equipped with a module for instant hot re-ignition then special security and monitoring applications are possible.

Despite their robust construction and high (IP66) protection rating, the SQ luminaires are easy to handle: by pulling the lever catch the luminaire cover is opened upwards. The mechanism cuts off the power supply; maintenance and control work as well as gear tray replacement can be carried out without danger. The variability of the efficient radial faceted reflector is also practical, the reflector optimally splitting the light point for wide asymmetric glare-free light.



Housing

Two-part luminaire housing consisting of frame and canopy (opened upwards) | frame, mast clamping plate, canopy and easy-access one-hand lever catch of diecast aluminium with extremely weather-resistant coating: frame metallic grey (RAL 9006), canopy aluminium grey (RAL 9007) | all-round bi-component EPDM sealing with labyrinth function | flat optical enclosure of toughened safety glass or as diffuser of PMMA or PC | pivotable mast clamping plate flush-integrated in frame, for post-top and side-entry mounting; 0° inclination with post-top mounting, with inline mast spigot with side-entry mounting | pressure equalisation system with air-permeable membrane for condensation avoidance in housing | insulation class: II | protection rating: IP66 for complete luminaire (dustproof and water-jet proof)

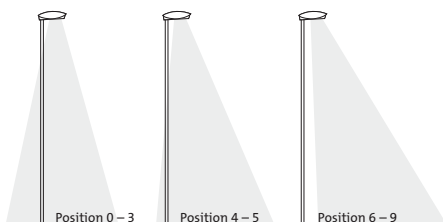
gear (ECG) and Siteco® Light Control (SLC) lighting management components (SLC: central control and monitoring of intelligent light points) or with LLCG with parallel p.f. correction | special versions also available with power factor-corrected LLCG and ignition device for instant hot re-ignition | power reduction: $U_{SL}=230V \rightarrow 100\%$ luminous flux; $U_{SL}=0V \rightarrow 50\%$ luminous flux (with start in power reduction mode: 100% mode initially for approx. 6mins.)

Lighting technology

Wide distribution and high uniformity via highly efficient radial faceted optics | variable light-band deflection via adjustable optics | high levels of system efficiency in watt ratings to 400W via system-optimised light distribution and wide luminaire spacing | optical enclosure as flat cover (toughened safety glass) for minimised light immission, or transparent enclosure (PMMA)

- shielding on house or street side for luminaire with diffuser via optional supplementary shield

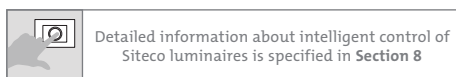
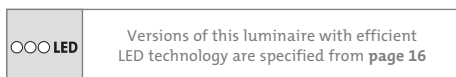
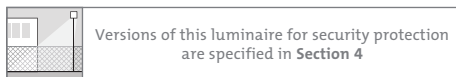
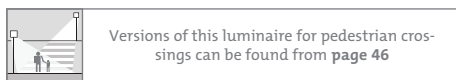
SQ 100 and SQ 200 with reflector unit for pedestrian crossings, asymmetric left or right-sided distribution. SQ 50 and SQ 100 with reflector unit for cycle paths, asymmetric extremely wide distribution



Light distribution can be optimally adapted to the lighting task via the adjustment possibilities in the reflector.

Electrics

Canopy opened without tools, can be folded upwards; with automatic all-pole power disconnection | relamping without tools | all electric components on removable gear tray; connection via plug-in coupling | luminaires wired ready for connection, with 2-pole terminal, max. 2.5mm² (version with reducing circuit: 2-pole + 1-pole for 230V control wire, max. 1.5mm²) | optionally with efficient electronic control





- + high quality, durable housing material of diecast aluminium
- + three construction sizes for a wide spectrum of applications
- + safe IP 66 protection for lamp compartment and control gear compartment
- + high quality four-level sealing system with air-permeable membrane for optimal pressure equalisation
- + flat cover panel for minimal glare and protection against vandalism
- + future-safe Vario gear tray technology
- + individually settable optics via radial faceted reflector (for T and E lamps)
- + high luminaire light output ratios
- + electrical unit replaced without tools
- + convenient one-hand lever catch
- + universal fixing system via pivotable mast clamping plate

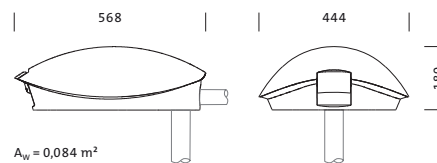
Recommended application

- luminaires with flat cover have low light immission; especially suitable for lighting installations with minimal immission
- SQ 50 suitable for residential areas, ancillary roads, residential streets and collection roads
- SQ 100 suitable for collecting roads, through-roads and main thoroughfares
- SQ 200 suitable for main thoroughfares, expressways and motorways
- SQ 100 and SQ 200 with special reflector unit for pedestrian crossings
- SQ 50 and SQ 100 with extremely wide distribution reflector unit for cycle paths



SQ 50 | with radial faceted optics | with flat cover disc | with ECG dimmable

SQ 50 mast luminaire for post-top or side-entry mounting | with radial faceted optics, asymmetric wide distribution; with flat cover | state-of-the-art electronic ballast (ECG); according to version either with interface for dimming of luminaire (for external SLC luminaire controller in mast)* or with SLC luminaire controller (in luminaire)** | housing of diecast aluminium; metallic grey aluminium frame (RAL 9006), grey aluminium canopy (RAL 9007); cover of toughened safety glass (ESG)



Protection rating: IP66

Insulation class: II

Mast spigot with post-top mounting: $d_a = 60/76 \times 100\text{mm}$

Mast spigot with side-entry mounting: $d_a = 42/60 \times 120\text{mm}$

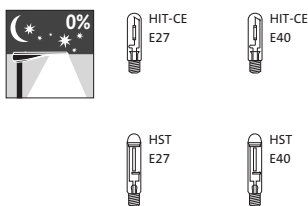
Recommended mounting height: MH= 4.6m

* for brightness control of lamps (according to specifications of lamp manufacturer) via external SLC luminaire controller (control without supplementary signal line outside of mast, according to specification via LON-PowerLine or via audio frequency ripple control)

** for brightness control of lamps (according to specifications of lamp manufacturer) via internal SLC luminaire controller (control via LON-PowerLine without supplementary signal line)

- supplementary SLC lighting management components are required for customer-specific and event-specific light control and evaluation of signals regarding operational condition of luminaires and lamps

IP 66



Lamps	Socket	Wt. (kg)	Order No.
with ECG-dimmable			
1x HIT-CE 70W	E27	9.2	5NA55771LT6G
1x HIT-CE 100W	E40	9.5	5NA55771OT6G
1x HIT-CE 150W	E40	9.5	5NA55771QT6G
1x HST 70W	E27	9.2	5NA55771MT6G
1x HST 100W	E40	9.5	5NA55771NT6G
1x HST 150W	E40	9.5	5NA55771PT6G

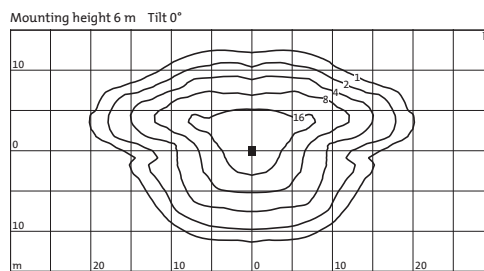
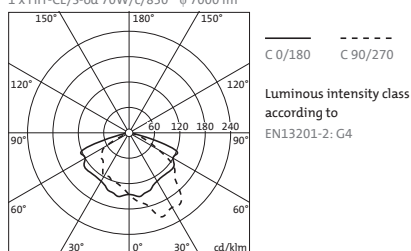
Lamps	Socket	Wt. (kg)	Order No.
with ECG-dimmable, with luminaire controller			
1x HIT-CE 70W	E27	10.0	5NA55791LT6G
1x HIT-CE 100W	E40	9.9	5NA55791OT6G
1x HST 70W	E27	9.5	5NA55791MT6G
1x HST 100W	E40	9.9	5NA55791NT6G

- please order SLC luminaire controller and SLC lighting management components separately if required

Accessories (see chapter 8 for details about lighting management components)

Article	Wt. (kg)	Order No.
luminaire controller, LON Powerline protocol, recessed in mast	1.0	5EA3CUE
luminaire controller, LON Powerline and ripple control protocol, recessed in mast	0.6	5EA3CLE
luminaire controller, ripple control protocol, recessed in mast	0.2	5EA3CRE

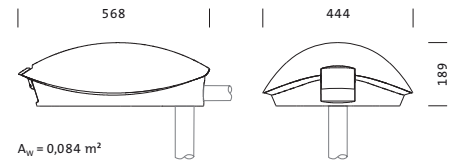
5NA55771LT6G
1 x HIT-CE/S-od 70W/c/830 ϕ 7000 lm





SQ 50 | with radial faceted optics | with flat cover disc | with ECG or LLCG

SQ 50 mast luminaire for post-top or side-entry mounting | with radial faceted optics, asymmetric wide distribution; with flat cover | with ECG or LLCG, parallel p.f. corrected, with power reduction according to version | housing of diecast aluminium; metallic grey aluminium frame (RAL 9006), grey aluminium canopy (RAL 9007); cover of toughened safety glass (ESG)



Protection rating: IP66

Insulation class: II

Mast spigot with post-top mounting: $d_a = 60/76 \times 100\text{mm}$

Mast spigot with side-entry mounting: $d_a = 42/60 \times 120\text{mm}$

Recommended mounting height: MH= 4..6m

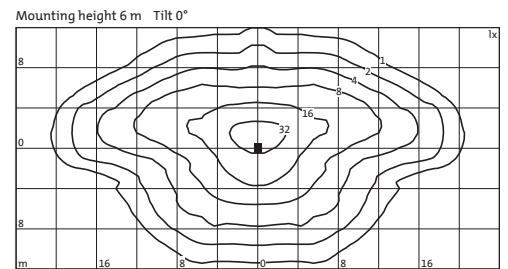
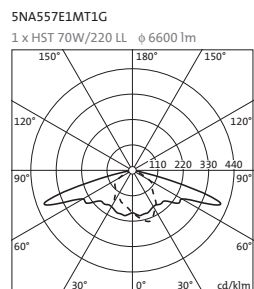


Lamps	Socket	Power reduction	Wt. (kg)	Order No.
with ECG				
1x HIT-CE-od 45W	PGZ12		9.4	5NA55771AW0G
1x HIT-CE-od 60W	PGZ12		8.2	5NA55771BW0G
1x HIT-CE-od 90W	PGZ12		9.4	5NA55771CW0G
1x HST HIT-CE 70W	E27		9.3	5NA55771MT7G
1x HST HIT-CE 100W ²⁾	E40		9.5	5NA55771NT7G
1x HST HIT-CE 150W ²⁾	E40		9.5	5NA55771PT7G
1x TC-TELI (I = Amalgam) 60..85W	2G8-1		8.8	5LA55771SB0G

with LLCG w. th. prot., p.f. corr.

1x HST HIT-CE/S-od 70W ⁴⁾	E27		9.8	5NA557E1MTOG
1x HST HSE 50W	E27		9.6	5NA557E1JTOG
1x HST HSE 70W	E27	X	10.0	5NA557E1MT1G
1x HST HSE HIT-CE 100W ²⁾	E40		8.8	5NA557E1INTOG

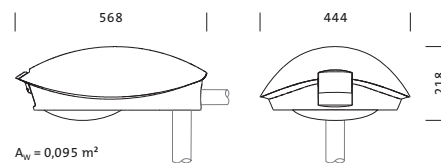
2) with use of the lamp Osram HCI-E/P or HCI-T/P an additional socket adapter E40/E27 (5NA59000XF) is required
4) control gear with 2x power tapping 50/70W





SQ 50 | with radial faceted optics | with convex cover | with LLCG

SQ 50 mast luminaire for post-top or side-entry mounting | with radial faceted optics, asymmetric wide distribution; with convex cover | with LLCG, parallel p.f. corrected, with power reduction according to version | housing of diecast aluminium; metallic grey aluminium frame (RAL 9006), grey aluminium canopy (RAL 9007); cover of toughened safety glass (ESG)



Protection rating: IP66

Insulation class: II

Mast spigot with post-top mounting: $d_a = 60/76 \times 100\text{mm}$

Mast spigot with side-entry mounting: $d_a = 42/60 \times 120\text{mm}$

Recommended mounting height: MH= 4..6m

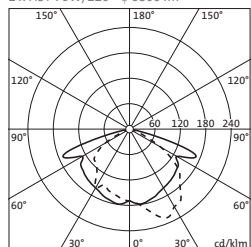


Lamps	Socket	Power reduction	Wt. (kg)	Order No.
with LLCG w. th. prot., p.f. corr.				
1x HST HIT-CE/S-od 70W ⁴⁾	E27		8.8	5NA557E1MT0Q
1x HST HSE 70W	E27	X	10.2	5NA557E1MT1Q

4) control gear with 2x power tapping 50/70W
 - HIT-CE-od lamps on request

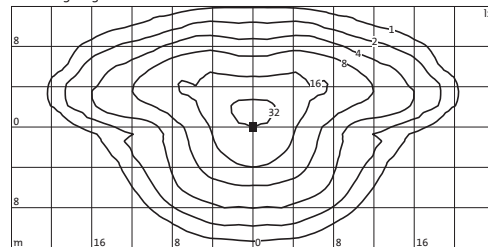
5NA557E1MT1Q

1 x HST 70W/220 ϕ 6800 lm



— C 0/180
 - - - C 90/270
 Luminous intensity class according to EN13201-2: G4

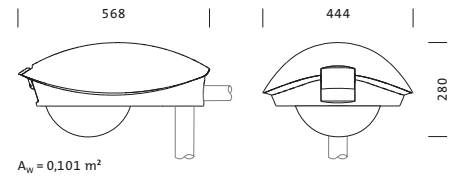
Mounting height 6 m Tilt 0°





SQ 50 | with radial faceted optics | with enclosure | with LLCG

SQ 50 mast luminaire for post-top or side-entry mounting | with radial faceted optics, asymmetric wide distribution; shielding on building side or road side via supplementary shield; with enclosure | with LLCG, parallel p.f. corrected, with power reduction according to version | housing of diecast aluminium; metallic grey aluminium frame (RAL 9006), grey aluminium canopy (RAL 9007); cover of PMMA or PC



Protection rating: IP66

Insulation class: II

Mast spigot with post-top mounting: $d_a = 60/76 \times 100\text{mm}$

Mast spigot with side-entry mounting: $d_a = 42/60 \times 120\text{mm}$

Recommended mounting height: MH= 4..6m



Lamps	Socket	Power reduction	Wt. (kg)	Order No.
enclosure, PMMA, with LLCG				
2x TC-LEL 18W	2G11		8.8	5LA55712GL0C
enclosure, PMMA, with LLCG w. th. prot., p.f. corr.				
1x HST 70W ⁴⁾	E27		8.6	5NA557E1MT0C
1x HST HSE 50W	E27		8.8	5NA557E1JT0C
1x HST HSE 70W	E27	X	9.0	5NA557E1MT1C
1x HST HSE HIT-CE-P 100W ²⁾	E40		8.8	5NA557E1NT0C

2) with use of the lamp Osram HCI-E/P or HCI-T/P an additional socket adapter E40/E27 (5NA59000XF) is required

4) control gear with 2x power tapping 50/70W

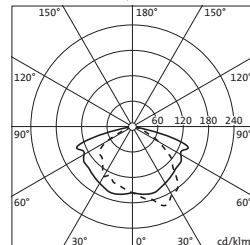
- please order supplementary shield for shielding on house or street side separately if required

Accessories (for details see page 3.53)

Article	Wt. (kg)	Order No.
shield, direct distribution	0.1	5NA55700XB

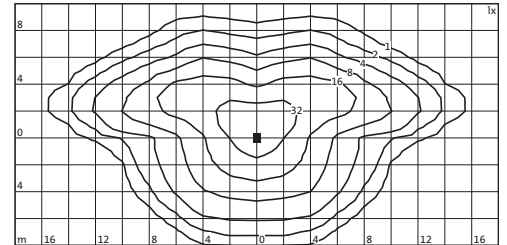
5NA557E1JT0C

1 x HST 50W/220 ϕ 4600 lm



— C 0/180
 - - - C 90/270
 Luminous intensity class according to EN13201-2: G3

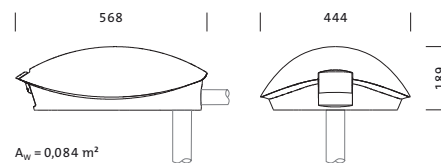
Mounting height 4 m Tilt 0°





SQ 50 | extremely wide distribution for cycle paths | with flat cover disc | with LLCG

SQ 50 mast luminaire for post-top or side-entry mounting | with reflector unit for cycle paths, asymmetric extremely wide distribution; with flat cover | with LLCG, with parallel p.f. correction; according to version with power reduction | housing of diecast aluminium; metallic grey aluminium frame (RAL 9006), grey aluminium canopy (RAL 9007); cover of toughened safety glass (ESG)



Protection rating: IP66

Insulation class: II

Mast spigot with post-top mounting: $d_a = 60/76 \times 100\text{mm}$

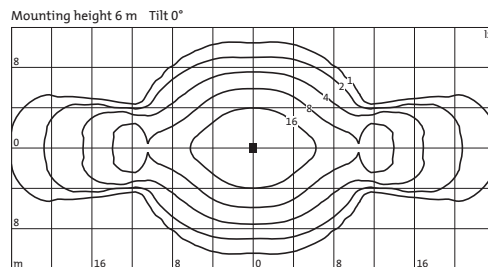
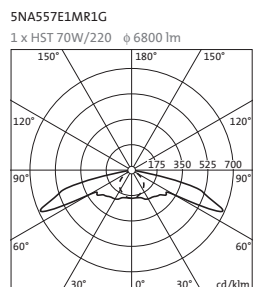
Mast spigot with side-entry mounting: $d_a = 42/60 \times 120\text{mm}$

Recommended mounting height: MH= 4..6m



Lamps	Socket	Power reduction	Wt. (kg)	Order No.
with LLCG w. th. prot., p.f. corr.				
1x HST 70W	E27	X	9.3	5NA557E1MR1G
1x HST HIT-CE/S-od 70W ⁴⁾	E27		8.8	5NA557E1MR0G

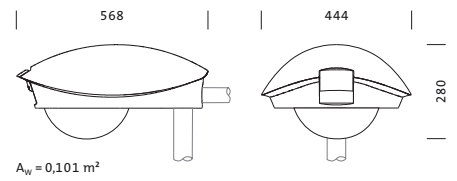
4) control gear with 2x power tapping 50/70W





SQ 50 | extremely wide distribution for cycle paths | with enclosure | with LLCG

SQ 50 mast luminaire for post-top or side-entry mounting | with reflector unit for cycle paths, asymmetric extremely wide distribution; with enclosure | with LLCG, parallel p.f. corrected, with power reduction according to version | housing of diecast aluminium; metallic grey aluminium frame (RAL 9006), grey aluminium canopy (RAL 9007); cover of PMMA



Protection rating: IP66

Insulation class: II

Mast spigot with post-top mounting: $d_a = 60/76 \times 100\text{mm}$

Mast spigot with side-entry mounting: $d_a = 42/60 \times 120\text{mm}$

Recommended mounting height: MH= 4..6m

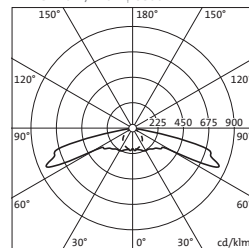


Lamps	Socket	Power reduction	Wt. (kg)	Order No.
with LLCG w. th. prot., p.f. corr.				
1x HST 70W ⁴⁾	E27		8.8	5NA557E1MR0C
1x HST 70W	E27	X	9.0	5NA557E1MR1C

4) control gear with 2x power tapping 50/70W

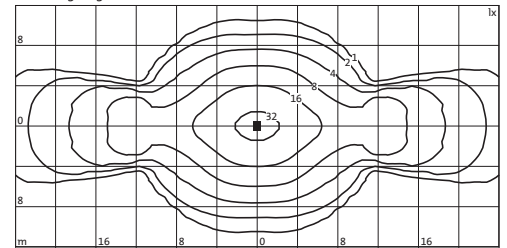
5NA557E1MR1C

1 x HST 70W/220 ϕ 6800 lm



— C 0/180
 - - - C 90/270
 Luminous intensity class according to EN13201-2: G2

Mounting height 6 m Tilt 0°





SQ 100 | with radial faceted optics | with flat cover disc | with ECG dimmable

SQ 100 mast luminaire for post-top or side-entry mounting | with radial faceted optics, asymmetric wide distribution; with flat cover | state-of-the-art electronic ballast (ECG); according to version either with interface for dimming of luminaire (for external SLC luminaire controller in mast)* or with SLC luminaire controller (in luminaire)** | housing of diecast aluminium; metallic grey aluminium frame (RAL 9006), grey aluminium canopy (RAL 9007); cover of toughened safety glass (ESG)

Protection rating: IP66

Insulation class: II

Mast spigot with post-top mounting: $d_a = 60/76 \times 100\text{mm}$

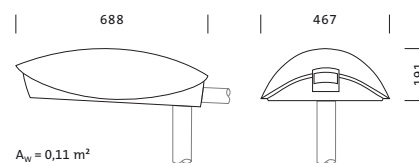
Mast spigot with side-entry mounting: $d_a = 42/60 \times 120\text{mm}$

Recommended mounting height: MH= 6..10m

* for brightness control of lamps (according to specifications of lamp manufacturer) via external SLC luminaire controller (control without supplementary signal line outside of mast, according to specification via LON-PowerLine or via audio frequency ripple control)

** for brightness control of lamps (according to specifications of lamp manufacturer) via internal SLC luminaire controller (control via LON-PowerLine without supplementary signal line)

- supplementary SLC lighting management components are required for customer-specific and event-specific light control and evaluation of signals regarding operational condition of luminaires and lamps

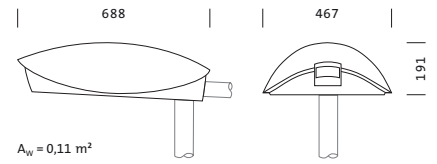


Lamps	Socket	Wt. (kg)	Order No.
with ECG-dimmable			
1x HIT-CE 70W	E27	1.1.0	5NA55871LT6C236
1x HIT-CE 100W	E40	1.1.1	5NA55871OT6C236
1x HIT-CE 150W	E40	1.1.1	5NA55871QT6C236
1x HST 70W	E27	1.1.0	5NA55871MT6C236
1x HST 100W	E40	1.1.7	5NA55871NT6C236
1x HST 150W	E40	1.1.1	5NA55871PT6C236
with ECG-dimmable, with luminaire controller			
1x HIT-CE 70W	E27	1.1.2	5NA55891LT6C236
1x HIT-CE 100W	E40	1.1.3	5NA55891OT6C236
1x HIT-CE 150W	E40	1.1.3	5NA55891QT6C236
1x HST 70W	E27	1.1.2	5NA55891MT6C236
1x HST 100W	E40	1.1.3	5NA55891NT6C236
1x HST 150W	E40	1.1.3	5NA55891PT6C236



SQ 100 | with radial faceted optics | with flat cover disc | with ECG or LLCG

SQ 100 mast luminaire for post-top or side-entry mounting | with radial faceted optics, asymmetric wide distribution; with flat cover | with ECG or LLCG, parallel p.f. corrected, with power reduction according to version | housing of diecast aluminium; metallic grey aluminium frame (RAL 9006), grey aluminium canopy (RAL 9007); cover of toughened safety glass (ESG)



Protection rating: IP66

Insulation class: II

Mast spigot with post-top mounting: $d_a = 60/76 \times 100\text{mm}$

Mast spigot with side-entry mounting: $d_a = 42/60 \times 120\text{mm}$

Recommended mounting height: MH= 6..10m



Lamps	Socket	Power reduction	Wt. (kg)	Order No.
with ECG				
1x HIT-CE-od 60W	PGZ12		11.1	5NA55871BW0C236
1x HIT-CE-od 90W	PGZ12		14.7	5NA55871CW0C236
1x HIT-CE-od 140W	PGZ12		11.2	5NA55871DW0C236
1x HST HIT-CE 70W	E27		11.0	5NA55871MT7C236
1x HST HIT-CE 100W ²⁾	E40		11.1	5NA55871NT7C236
1x HST HIT-CE 150W ²⁾	E40		11.4	5NA55871PT7C236
2x TC-LEL 18/24W	2G11		12.7	5LA55872KL0C236
1x TC-TELI (I = Amalgam) 60..120W	2G8-1		12.4	5LA55871SB0C236

with LLCG, ind.

2x TC-LEL 18W	2G11		12.8	5LA55812GL0C236
2x TC-LEL 18/24W	2G11		12.8	5LA55812KL0C236

with LLCG w. th. prot., p.f. corr.

1x HST 50W ⁴⁾	E27		13.4	5NA558E1MT0C236
1x HST 70W	E27	X	13.0	5NA558E1MT1C236
1x HST 100W	E40	X	13.9	5NA558E1NT1C236
1x HST 150W	E40	X	14.8	5NA558E1PT1C236
1x HST HIT-CE 100W ²⁾	E40		13.7	5NA558E1NT0C236
1x HST HIT-CE 150W ²⁾	E40		14.7	5NA558E1PT0C236

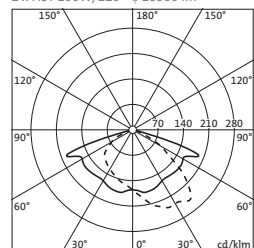
2) with use of the lamp Osram HCI-E/P or HCI-T/P an additional socket adapter E40/E27 (5NA59000XF) is required

4) control gear with 2x power tapping 50/70W

- always observe socket position with use of HST/HSE lamps (see installation instructions)

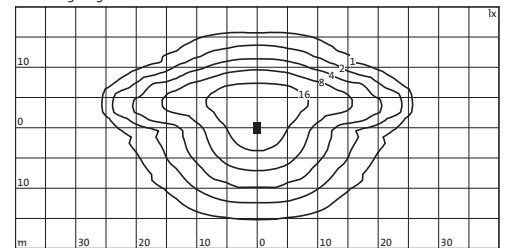
5NA558E1NT1C236

1 x HST 100W/220 ϕ 10500 lm



— C 0/180
 - - - C 90/270
 Luminous intensity class according to EN13201-2: G4

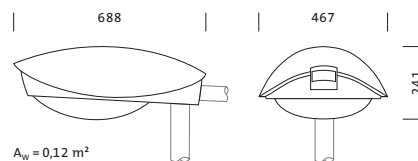
Mounting height 8 m Tilt 0°





SQ 100 | with radial faceted optics | with convex cover
| with ECG or LLCG

SQ 100 mast luminaire for post-top or side-entry mounting | with radial faceted optics, asymmetric wide distribution; with convex cover | with ECG or LLCG, parallel p.f. corrected, with power reduction according to version | housing of diecast aluminium; metallic grey aluminium frame (RAL 9006), grey aluminium canopy (RAL 9007); cover of toughened safety glass (ESG)



Protection rating: IP66

Insulation class: II

Mast spigot with post-top mounting: $d_a = 60/76 \times 100\text{mm}$

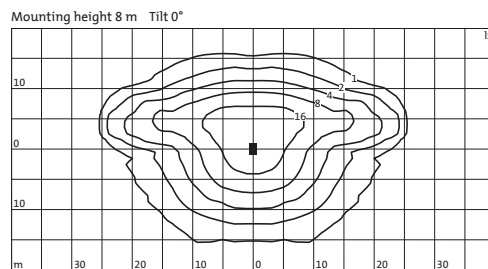
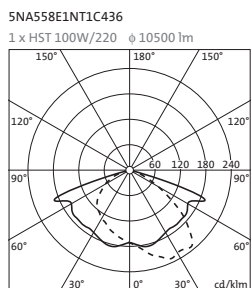
Mast spigot with side-entry mounting: $d_a = 42/60 \times 120\text{mm}$

Recommended mounting height: MH= 6..10m



Lamps	Socket	Power reduction	Wt. (kg)	Order No.
with ECG				
2x TC-LEL 18/24W	2G11		12.7	5LA55872KL0C436
with LLCG, ind.				
2x TC-LEL 18W	2G11		16.1	5LA55812GL0C436
2x TC-LEL 18/24W	2G11		12.6	5LA55812KL0C436
with LLCG w. th. prot., p.f. corr.				
1x HST HSE 50W ⁴⁾	E27		11.2	5NA558E1MTOC436
1x HST HSE 70W	E27	X	14.8	5NA558E1MT1C436
1x HST HSE 100W	E40	X	15.5	5NA558E1NT1C436
1x HST HSE 150W	E40	X	13.3	5NA558E1PT1C436
1x HST HSE HIT-CE 100W ²⁾	E40		15.2	5NA558E1NTOC436
1x HST HSE HIT-CE 150W ²⁾	E40		16.6	5NA558E1PTOC436

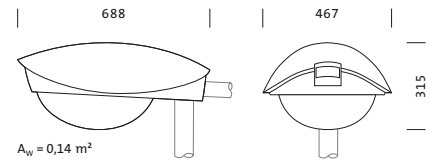
2) with use of the lamp Osram HCI-E/P or HCI-T/P an additional socket adapter E40/E27 (5NA59000XF) is required
4) control gear with 2x power tapping 50/70W
- HIT-CE-od lamps on request





SQ 100 | with radial faceted optics | with enclosure

SQ 100 mast luminaire for post-top or side-entry mounting | with radial faceted optics, asymmetric wide distribution; shielding on building side or road side via supplementary shield; with enclosure | with ECG or LLCG, parallel p.f. corrected, with power reduction according to version | housing of diecast aluminium; metallic grey aluminium frame (RAL 9006), grey aluminium canopy (RAL 9007); cover of PMMA*



Protection rating: IP66

Insulation class: II

Mast spigot with post-top mounting: $d_a = 60/76 \times 100\text{mm}$

Mast spigot with side-entry mounting: $d_a = 42/60 \times 120\text{mm}$

Recommended mounting height: MH= 6..10m

* PC enclosure on request



Lamps	Socket	Power reduction	Wt. (kg)	Order No.
enclosure, PMMA, with ECG				
2x TC-LEL 18/24W	2G11		12.7	5LA55872KL0C136
enclosure, PMMA, with LLCG, ind.				
2x TC-LEL 18/24W	2G11		14.4	5LA55812KL0C136
enclosure, PMMA, with LLCG w. th. prot., p.f. corr.				
1x HST HSE 50W ⁴⁾	E27		14.0	5NA558E1MT0C136
1x HST HSE 70W	E27	X	13.9	5NA558E1MT1C136
1x HST HSE 100W	E40	X	14.8	5NA558E1NT1C136
1x HST HSE 150W	E40	X	15.5	5NA558E1PT1C136
1x HST HSE HIT-CE-P 100W ²⁾	E40		14.0	5NA558E1NT0C136
1x HST HSE HIT-CE-P 150W ²⁾	E40		15.0	5NA558E1PT0C136

2) with use of the lamp Osram HCI-E/P or HCI-T/P an additional socket adapter E40/E27 (5NA59000XF) is required

4) control gear with 2x power tapping 50/70W

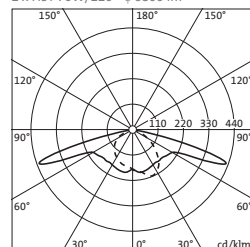
- please order supplementary shield for shielding on house or street side separately if required

Accessories (for details see page 3.53)

Article	Wt. (kg)	Order No.
shield, direct distribution	0.1	5NA55800XB

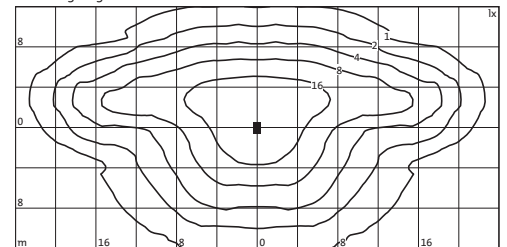
5NA558E1MT1C136

1 x HST 70W/220 ϕ 6800 lm



— C 0/180
 - - - C 90/270
 Luminous intensity class according to EN13201-2: G3

Mounting height 6 m Tilt 0°

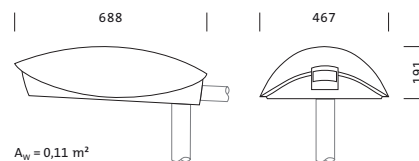




SQ 100 | single-sided asymmetric distribution, for pedestrian crossings | with flat cover disc | with LLCG

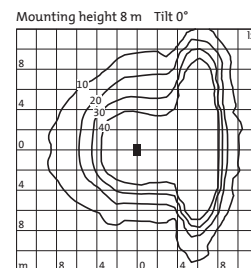
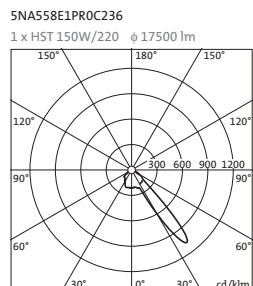
SQ 100 mast luminaire for post-top or side-entry mounting | with reflector unit for pedestrian crossings, asymmetric left or right-sided distribution; with flat cover | with LLCG, with parallel p.f. correction | housing of diecast aluminium; metallic grey aluminium frame (RAL 9006), grey aluminium canopy (RAL 9007); cover of toughened safety glass (ESG)

Protection rating: IP66
 Insulation class: II
 Mast spigot with post-top mounting: $d_a = 60/76 \times 100\text{mm}$
 Mast spigot with side-entry mounting: $d_a = 42/60 \times 120\text{mm}$
 Recommended mounting height: MH= 6..10m



Lamps	Socket	Wt. (kg)	asymmetric, left Order No.	asymmetric, right Order No.
1x HST HIT-CE 150W	E40	14.9	5NA558E1PLOC236	5NA558E1PROC236

- always observe socket position with use of HST/HSE lamps (see installation instructions)



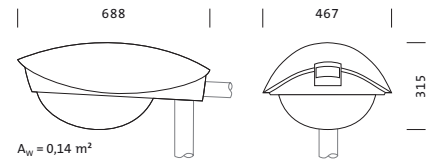


SQ 100 | single-sided asymmetric distribution, for pedestrian crossings | with enclosure | with LLCG

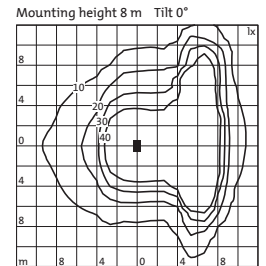
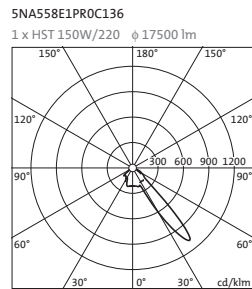
SQ 100 mast luminaire for post-top or side-entry mounting | with reflector unit for pedestrian crossings, asymmetric left or right-sided distribution; with enclosure | with LLCG, with parallel p.f. correction | housing of diecast aluminium; metallic grey aluminium frame (RAL 9006), grey aluminium canopy (RAL 9007); cover of PMMA

Protection rating: IP66
 Insulation class: II
 Mast spigot with post-top mounting: $d_a = 60/76 \times 100\text{mm}$
 Mast spigot with side-entry mounting: $d_a = 42/60 \times 120\text{mm}$
 Recommended mounting height: $MH = 6..10\text{m}$

* PC enclosure on request



Lamps	Socket	Wt. (kg)	asymmetric, left Order No.	asymmetric, right Order No.
enclosure, PMMA, with LLCG w. th. prot., p.f. corr. 1x HST HSE HIT-CE-P 150W	E40	15.0	5NA558E1PLOC136	5NA558E1PROC136

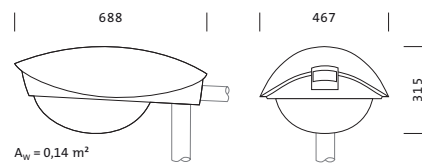




SQ 100 | extremely wide distribution for cycle paths | with enclosure | with LLCG

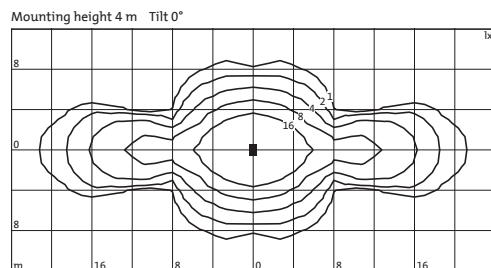
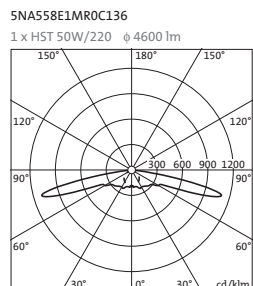
SQ 100 mast luminaire for post-top or side-entry mounting | with reflector unit for cycle paths, asymmetric extremely wide distribution; with enclosure | with LLCG, parallel p.f. corrected, with power reduction according to version | housing of diecast aluminium; metallic grey aluminium frame (RAL 9006), grey aluminium canopy (RAL 9007); cover of PMMA

Protection rating: IP66
 Insulation class: II
 Mast spigot with post-top mounting: $d_a = 60/76 \times 100\text{mm}$
 Mast spigot with side-entry mounting: $d_a = 42/60 \times 120\text{mm}$
 Recommended mounting height: $MH = 6..10\text{m}$



Lamps	Socket	Wt. (kg)	Order No.
with LLCG w. th. prot., p.f. corr.			
1x HST HSE 50W ⁴⁾	E27	13.6	5NA558E1MR0C136

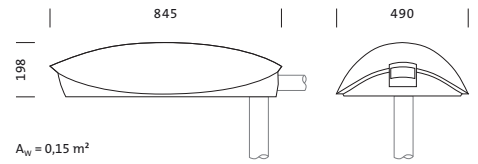
4) control gear with 2x power tapping 50/70W





SQ 200 | with radial faceted optics | with flat cover disc | with ECG dimmable

SQ 200 mast luminaire for post-top or side-entry mounting | with radial faceted optics, asymmetric wide distribution; with flat cover | state-of-the-art electronic ballast (ECG); according to version either with interface for dimming of luminaire (for external SLC luminaire controller in mast)* or with SLC luminaire controller (in luminaire)** | housing of diecast aluminium; metallic grey aluminium frame (RAL 9006), grey aluminium canopy (RAL 9007); cover of toughened safety glass (ESG)



Protection rating: IP66

Insulation class: II

Mast spigot with post-top mounting: $d_a = 60/76 \times 100\text{mm}$

Mast spigot with side-entry mounting: $d_a = 42/60 \times 120\text{mm}$

Recommended mounting height: MH= 8..12m

* for brightness control of lamps (according to specifications of lamp manufacturer) via external SLC luminaire controller (control without supplementary signal line outside of mast, according to specification via LON-PowerLine or via audio frequency ripple control)

** for brightness control of lamps (according to specifications of lamp manufacturer) via internal SLC luminaire controller (control via LON-PowerLine without supplementary signal line)

- supplementary SLC lighting management components are required for customer-specific and event-specific light control and evaluation of signals regarding operational condition of luminaires and lamps

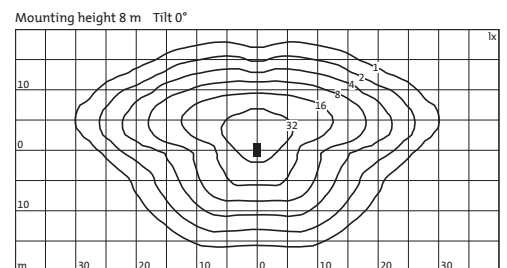
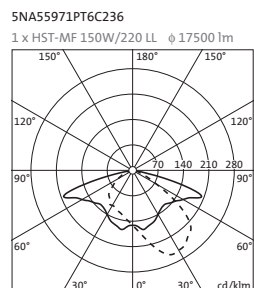


Lamps	Socket	Wt. (kg)	Order No.
with ECG-dimmable			
1x HIT-CE 150W	E40	16.0	5NA55971QT6C236
1x HST 150W	E40	16.0	5NA55971PT6C236
with ECG-dimmable, with luminaire controller			
1x HIT-CE 150W	E40	16.3	5NA55991QT6C236
1x HST 150W	E40	16.3	5NA55991PT6C236

- please order SLC luminaire controller and SLC lighting management components separately if required

Accessories (see chapter 8 for details about lighting management components)

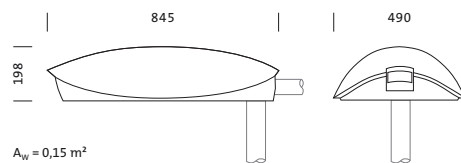
Article	Wt. (kg)	Order No.
luminaire controller, LON Powerline protocol, recessed in mast	1.0	5EA3CUE
luminaire controller, LON Powerline and ripple control protocol, recessed in mast	0.6	5EA3CLE
luminaire controller, ripple control protocol, recessed in mast	0.2	5EA3CRE





SQ 200 | with radial faceted optics | with flat cover disc | with ECG or LLCG

SQ 200 mast luminaire for post-top or side-entry mounting | with radial faceted optics, asymmetric wide distribution; with flat cover | with ECG or LLCG, parallel p.f. corrected, with power reduction according to version | housing of diecast aluminium; metallic grey aluminium frame (RAL 9006), grey aluminium canopy (RAL 9007); cover of toughened safety glass (ESG)



Protection rating: IP66

Insulation class: II

Mast spigot with post-top mounting: $d_a = 60/76 \times 100\text{mm}$

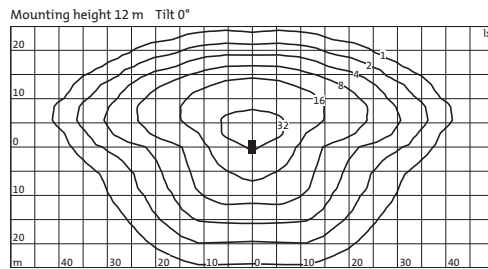
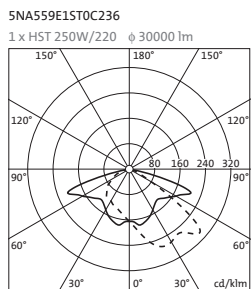
Mast spigot with side-entry mounting: $d_a = 42/60 \times 120\text{mm}$

Recommended mounting height: MH= 8..12m



Lamps	Socket	Power reduction	Wt. (kg)	Order No.
with ECG				
1x HST HIT-CE 150W ²⁾	E40		16.0	5NA55971PT7C236
with LLCG w. th. prot., p.f. corr.				
1x HST 150W	E40	X	16.3	5NA559E1PT1C236
1x HST 250W	E40	X	18.2	5NA559E1ST1C236
1x HST 400W	E40		20.0	5NA559E1TT0C236
1x HST 400W	E40	X	19.2	5NA559E1TT1C236
2x HST 50W ⁴⁾	E27		15.2	5NA559E2MT0C236
1x HST HIT-CE 150W ²⁾	E40		18.1	5NA559E1PT0C236
1x HST HIT-CE 250W	E40		16.0	5NA559E1ST0C236
2x HST HIT-CE 100W ²⁾	E40		16.9	5NA559E2NT0C236
1x HSE 150W	E40		16.0	5NA559E1PE0C236
1x HSE 150W	E40	X	16.5	5NA559E1PE1C236
1x HSE 250W	E40		18.0	5NA559E1SE0C236
1x HSE 250W	E40	X	17.5	5NA559E1SE1C236
1x HSE 400W	E40		19.0	5NA559E1TE0C236
1x HSE 400W	E40	X	19.3	5NA559E1TE1C236

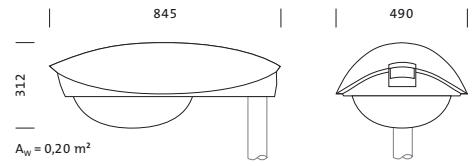
2) with use of the lamp Osram HCI-E/P or HCI-T/P an additional socket adapter E40/E27 (5NA59000XF) is required
 4) control gear with 2x power tapping 50/70W





SQ 200 | with radial faceted optics | with enclosure | with LLCG

SQ 200 mast luminaire for post-top or side-entry mounting | with radial faceted optics, asymmetric wide distribution; shielding on building side or road side via supplementary shield; with enclosure | with LLCG, parallel p.f. corrected, with power reduction according to version | housing of diecast aluminium; metallic grey aluminium frame (RAL 9006), grey aluminium canopy (RAL 9007); cover of PMMA*



Protection rating: IP66

Insulation class: II

Mast spigot with post-top mounting: $d_a = 60/76 \times 100\text{mm}$

Mast spigot with side-entry mounting: $d_a = 42/60 \times 120\text{mm}$

Recommended mounting height: MH= 8..12m

* PC enclosure on request



Lamps	Socket	Power reduction	Wt. (kg)	Order No.
enclosure, PMMA, with LLCG w. th. prot., p.f. corr.				
1x HST 150W	E40	X	16.7	5NA559E1PT1C136
1x HST 250W	E40		17.7	5NA559E1ST0C136
1x HST 250W	E40	X	18.1	5NA559E1ST1C136
2x HST 50W ⁴⁾	E27		18.8	5NA559E2MT0C136
1x HST HIT-CE-P 150W ²⁾	E40		15.0	5NA559E1PT0C136
2x HST HIT-CE-P 100W ²⁾	E40		17.0	5NA559E2NT0C136
1x HSE 150W	E40		16.0	5NA559E1PE0C136
1x HSE 150W	E40	X	16.2	5NA559E1PE1C136
1x HSE 250W	E40		18.0	5NA559E1SE0C136
1x HSE 250W	E40	X	17.5	5NA559E1SE1C136

2) with use of the lamp Osram HCI-E/P or HCI-T/P an additional socket adapter E40/E27 (5NA59000XF) is required

4) control gear with 2x power tapping 50/70W

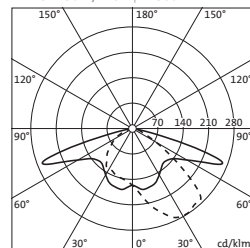
- please order supplementary shield for shielding on house or street side separately if required

Accessories (for details see page 3.53)

Article	Wt. (kg)	Order No.
shield, direct distribution	0.1	5NA55900XB

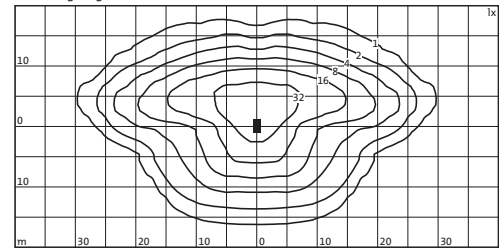
5NA559E1PT0C136

1 x HST 150W/220 ϕ 17500 lm



— C 0/180
 - - - C 90/270
 Luminous intensity class according to EN13201-2: G3

Mounting height 8 m Tilt 0°

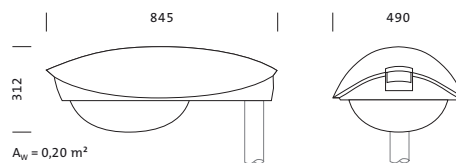




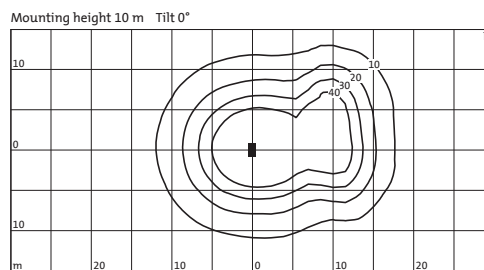
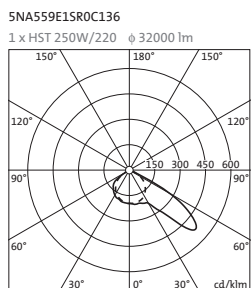
SQ 200 | single-sided asymmetric distribution, for pedestrian crossings | with enclosure | with LLCG

SQ 200 mast luminaire for post-top or side-entry mounting | with reflector unit for pedestrian crossings, asymmetric left or right-sided distribution; with enclosure | with LLCG, with parallel p.f. correction | housing of diecast aluminium; metallic grey aluminium frame (RAL 9006), grey aluminium canopy (RAL 9007); cover of PMMA or PC

Protection rating: IP66
 Insulation class: II
 Mast spigot with post-top mounting: $d_a = 60/76 \times 100\text{mm}$
 Mast spigot with side-entry mounting: $d_a = 42/60 \times 120\text{mm}$
 Recommended mounting height: MH= 8..12m



Lamps	Socket	Wt. (kg)	asymmetric, left Order No.	asymmetric, right Order No.
enclosure, PMMA, with LLCG w. th. prot., p.f. corr.				
1x HST 150W	E40	18.0	5NA559E1PLOC136	5NA559E1PROC136
1x HST 250W	E40	18.9	5NA559E1SLOC136	5NA559E1SROC136
enclosure, PC, with LLCG w. th. prot., p.f. corr.				
1x HST 400W	E40	18.7	5NA559E1TLOC336	5NA559E1TROC336



SQ luminaires optical accessories

**Supplementary shield**

for luminaires with plastic diffuser (PMMA or PC) | for shielding on building side or road side | inner mounting

Type	Order no.
Supplementary shield for SQ 50	5NA55700XB
for SQ 100	5NA55800XB
for SQ 200	5NA55900XB

SQ luminaires electrical accessories

**Socket adapter**

for use of HIT-CE-P with E27 base in luminaires with E40 base

Type	Wt. (kg)	Order no.
Socket adapter for E40>E27 reduction	0.1	5NA59000XF

SQ luminaires, mounting information

**Mounting information for post-top mounting**

mast spigot with steel mast:

$d_a \times l = 76 \times 100\text{mm}$

$d_a \times l = 60 \times 100\text{mm}$

Mast spigot with concrete mast (lum. tilt 0°):

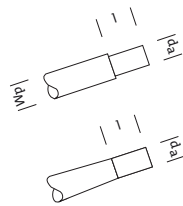
$d_a \times l = 76 \times 135\text{mm}$

$d_a \times l = 60 \times 135\text{mm}$

(luminaire tilt 15°):

$d_a \times l = 76 \times 145\text{mm}$

$d_a \times l = 60 \times 145\text{mm}$

**Mounting information for side-entry mounting**

mast spigot with steel mast*:

$d_a \times l = 60 \times 120\text{mm}$

$d_a \times l = 48 \times 120\text{mm}$

Mast spigot with concrete mast:

$d_a \times l = 42 \times 120\text{mm}$

$d_a \times l = 60 \times 135\text{mm}$

$d_a \times l = 42 \times 135\text{mm}$

*Mast diameter with stepped offset mast: $d_M < = 7600$

SQ luminaires spare parts

**Optical enclosure**

flat cover panel | toughened safety glass

Type	Wt. (kg)	Order no.
Flat cover panel, toughened safety glass for SQ 50	0.7	5NA55700XG
for SQ 100	1.4	5NA55800XG
for SQ 200	1.6	5NA55900XG

**Convex cover |**


toughened safety glass


Convex cover, toughened safety glass for SQ 50	0.9	5NA55700XGG
for SQ 100	1.4	5NA55800XGG
for SQ 200	1.5	5NA55900XGG

**Diffuser**

PMMA or PC

Diffuser, PMMA for SQ 50	0.5	5NA55700XW
for SQ 100	0.6	5NA55800XW
for SQ 200	0.7	5NA55900XW
Diffuser, PC for SQ 50	0.5	5NA55710XW
for SQ 100	0.6	5NA55810XW
for SQ 200	0.7	5NA55910XW

 Detailed information about intelligent control of Siteco luminaires is specified in Section 8

 Masts, brackets and special mounting are specified in Section 9

SR luminaires



The modern luminaires of the SR family are suitable for a wide variety of tasks in technical road lighting. Equipped with state-of-the-art lighting technology and precise optics, they offer outstanding solutions in relation to energy efficiency, luminaire spacing, light quality and service life. Three construction sizes, two optical enclosures (flat cover, convex diffuser) and various lamp configurations for differing light distribution characteristics and light output ratios are available. If the luminaire is equipped with a module for instant hot re-ignition then special security and monitoring applications are possible.

Despite their robust construction and high IP65 protection rating, the SR luminaires are easy to handle: a central rotary catch on the luminaire underside secures the lamp cover and gear tray. The lamp cover can be hinged downwards by rotating the catch through 180 degrees. A further setting unlocks the gear tray with lamp socket and lamp that can also be hinged downwards. This cuts off the power supply; maintenance and control work as well as tool-free gear tray replacement can be carried out without danger. Maintenance of the radial faceted reflector is also practical, the reflector optimally splitting the light point and ensuring wide distribution asymmetric glare-free light: it can be adjusted via simple pushing in the horizontal plane, thus allowing it to be precisely matched to the specific lighting task at hand.

Housing

Luminaire housing, supporting frame and mast flange of diecast aluminium, light grey (RAL 7035) | all-round EPDM seal within housing profile | mast flange in 4 sizes for various mast diameters, for post top or side entry mounting, for luminaire inclination 0°, 3°, 8° or 15° | central rotary catch opens optical enclosure and control gear compartment | flat optical enclosure of toughened safety glass with frame of glass-fibre reinforced polyester or diffuser of PMMA or PC | pressure equalisation system with air-permeable membrane for condensation avoidance in housing | insulation class: II | protection rating: IP65

Electrics

Cover and control gear compartment opened without tools, can be hinged downwards; automatic all-pole power disconnection when control gear compartment is hinged downwards | relamping without tools | all electric components on removable gear tray; connection via plug-in coupling | luminaire wired ready for connection, with 2-pole terminal, max. 2.5mm² (version with reducing circuit: 2-pole + 1-pole for 230V control wire, max. 2.5mm²) | optionally with efficient electronic control gear (ECG) and Siteco® Light Control (SLC) Lighting management components (SLC: central control and monitoring of intelli-

gent light points) or with LLCG with parallel p.f. correction | special versions also available with power factor-corrected LLCG and ignition device for instant hot re-ignition | power reduction: U_{st}= 230V → 100% luminous flux; U_{st}= 0V → 50% luminous flux (with start in power reduction mode: 100% mode initially for approx. 6mins.)

Lighting technology

Wide distribution and high uniformity via highly efficient radial faceted optics | variable light-band deflection via adjustable optics | high levels of system efficiency in watt ratings to 400W via system-optimised light distribution and wide luminaire spacing | optical enclosure as flat cover (toughened safety glass) for minimised light immission, or transparent diffuser (PMMA)

- SR 50 and SR 100 as special version for German Railways
- SR 100 and SR 200 with reflector unit for pedestrian crossings, asymmetric left or right-sided distribution
- SR 50 with reflector unit for cycle paths, asymmetric extremely wide distribution

	Versions of this luminaire for cycle paths are on page 59
	Versions of this luminaire for pedestrian crossings can be found on page 63
	Versions of this luminaire for security protection are specified in Section 4
	Versions of this luminaire for marshalling yards are specified in Section 4
	Versions of this luminaire for shipping routes and harbour facilities are in Section 4
	Versions of this luminaire with efficient LED technology are specified from page 20
	Detailed information about intelligent control of Siteco luminaires is specified in Section 8



- + three construction sizes for a wide spectrum of applications
- + safe IP 65 protection rating for lamp compartment and control gear compartment
- + high quality sealing system with air-permeable membrane for optimal pressure equalisation
- + flat cover panel for minimal glare and protection against vandalism
- + individually settable lighting technology via radial faceted optics
- + high luminaire light output ratios
- + electrical unit replaced without tools
- + central rotary catch
- + adjustable inclination (0°, 3°, 8°, 15°)

Recommended application

Luminaires with flat cover have low light immission; especially suitable for lighting installations with minimal immission

SR 50 suitable for residential areas, ancillary roads, residential streets and collection roads

SR 100 suitable for collecting roads, through-roads and main thoroughfares

SR 200 suitable for main thoroughfares, expressways and motorways

SR 100 and SR 200 with special reflector unit for pedestrian crossings

SR 50 with extremely wide distribution reflector unit for cycle paths

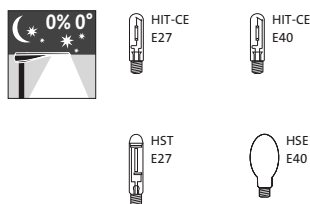
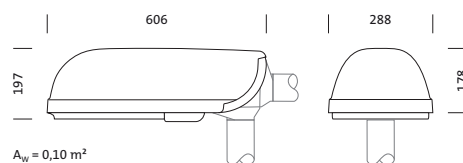


SR 50 | with radial faceted optics | with flat cover disc | with ECG dimmable

SR 50 mast luminaire for post-top or side-entry mounting via mast flange | with radial faceted optics, asymmetric wide distribution; with flat cover | state-of-the-art electronic ballast (ECG) with interface for dimming of luminaire (for external SLC luminaire controller in mast)* | housing, supporting frame and mast flange of diecast aluminium; frame for glass cover of GRP; all parts light grey (RAL 7035); cover of toughened safety glass (ESG)

Protection rating: IP65 | insulation class: II
 Mast spigot with post-top mounting: $d_a = 60 \times 100\text{mm}$ | $76 \times 130\text{mm}$
 Mast spigot with side-entry mounting: $d_a = 42/48/60 \times 100\text{mm}$
 Recommended mounting height: MH= 4..6m
 (luminaire can be tilted at 0°, 3°, 8° or 15° via mast flange)

* for brightness control of lamps (according to specifications of lamp manufacturer) via external SLC luminaire controller (control without supplementary signal line outside of mast, according to specification via LON-PowerLine or via audio frequency ripple control)
 - supplementary SLC lighting management components are required for customer-specific and event-specific light control and evaluation of signals regarding operational condition of luminaires and lamps



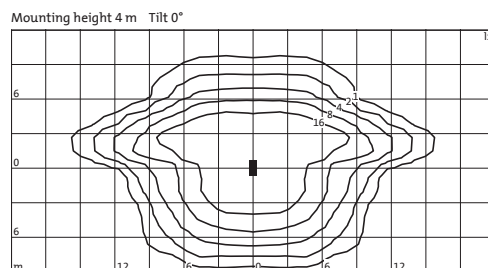
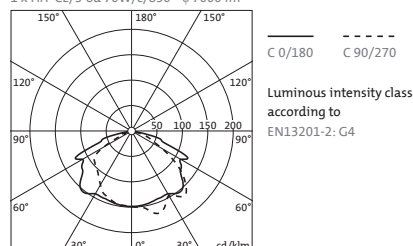
Lamps	Socket	Wt. (kg)	Order No.
with ECG-dimmable			
1x HIT-CE 70W	E27	9.2	5NA55171LS62
1x HIT-CE 100W	E40	9.2	5NA55171OS62
1x HST 70W	E27	9.2	5NA55171MS62
1x HSE 100W	E40	9.2	5NA55171NS62

- please order mast flange according to spigot diameter separately
 - please order SLC luminaire controller and SLC lighting management components separately if required

Accessories (see page 3.68 for details about mast flanges | see chapter 8 for details about lighting management components)

Article	Wt. (kg)	Order No.
mast flange, light grey (RAL 7035), aluminium, spigot size: 42mm	0.6	5NA55100XM4
mast flange, light grey (RAL 7035), aluminium, spigot size: 48mm	0.5	5NA55100XM3
mast flange, light grey (RAL 7035), aluminium, spigot size: 60mm	0.6	5NA55100XM2
mast flange, light grey (RAL 7035), aluminium, spigot size: 76mm	0.8	5NA55100XM1
post top mounting element, 2-fold, aluminium, spigot size: 76mm	5.4	5NA55102MA76
post top mounting element, 3-fold, aluminium, spigot size: 76mm	6.5	5NA55103MA76
luminaire controller, LON Powerline protocol, recessed in mast	1.0	5EA3CUE
luminaire controller, LON Powerline and ripple control protocol, recessed in mast	0.6	5EA3CLE
luminaire controller, ripple control protocol, recessed in mast	0.2	5EA3CRE

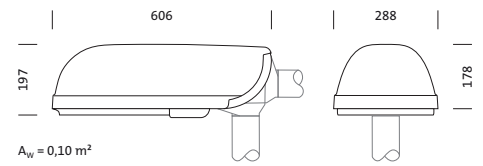
5NA55171LS62
 1 x HIT-CE/S-od 70W/c/830 ϕ 7000 lm





SR 50 | with radial faceted optics | with flat cover disc | with ECG or LLCG

SR 50 mast luminaire for post-top or side-entry mounting via mast flange | with radial faceted optics, asymmetric wide distribution; with flat cover | with ECG or LLCG, parallel p.f. corrected, with power reduction according to version | housing, supporting frame and mast flange of diecast aluminium; frame for glass cover of GRP; all parts light grey (RAL 7035); cover of toughened safety glass (ESG)



Protection rating: IP65

Insulation class: II

Mast spigot with post-top mounting: $d_a = 60 \times 100\text{mm}$ | $76 \times 130\text{mm}$

Mast spigot with side-entry mounting: $d_a = 42/48/60 \times 100\text{mm}$

Recommended mounting height: MH= 4..6m
(luminaire can be tilted at 0°, 3°, 8° or 15° via mast flange)



Lamps	Socket	Power reduction	Wt. (kg)	Order No.
with ECG				
1x HIT-CE-od 45W	PGZ12		9.2	5NA55171AW02
1x HIT-CE-od 60W	PGZ12		9.6	5NA55171BW02
1x HST HIT-CE 70W	E27		9.2	5NA55171MS72
1x HSE 100W ²⁾	E40		9.2	5NA55171NS72
2x TC-LEL 18/24W	2G11		6.0	5LA55172KL02

with LLCG w. th. prot., p.f. corr.

1x HST HSE 50W ⁴⁾	E27		7.3	5NA551E1MS02
1x HST HSE 70W	E27	X	10.0	5NA551E1MS12
1x HSE 100W	E40		7.8	5NA551E1NE02
1x HSE 100W	E40	X	7.8	5NA551E1NE12

2) with use of the lamp Osram HCI-E/P or HCI-T/P an additional socket adapter E40/E27 (5NA59000XF) is required

4) control gear with 2x power tapping 50/70W

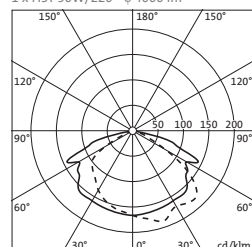
-please order mast flange according to spigot diameter separately

Mandatory accessories (for details see page 3.68)

Article	Wt. (kg)	Order No.
mast flange, light grey (RAL 7035), aluminium, spigot size: 42mm	0.6	5NA55100XM4
mast flange, light grey (RAL 7035), aluminium, spigot size: 48mm	0.5	5NA55100XM3
mast flange, light grey (RAL 7035), aluminium, spigot size: 60mm	0.6	5NA55100XM2
mast flange, light grey (RAL 7035), aluminium, spigot size: 76mm	0.8	5NA55100XM1
post top mounting element, 2-fold, aluminium, spigot size: 76mm	5.4	5NA55102MA76
post top mounting element, 3-fold, aluminium, spigot size: 76mm	6.5	5NA55103MA76

5NA551E1MS02

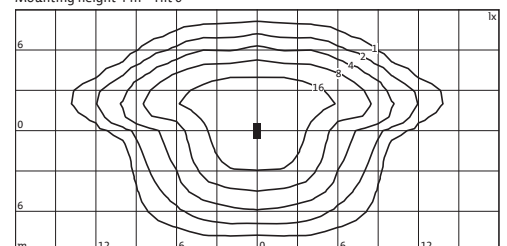
1 x HST 50W/220 ϕ 4000 lm



C 0/180 C 90/270

Luminous intensity class according to EN13201-2: G6

Mounting height 4 m Tilt 0°





SR 50 | with radial faceted optics | with enclosure | with ECG or LLCG

SR 50 mast luminaire for post-top or side-entry mounting via mast flange | with radial faceted optics, asymmetric wide distribution; with enclosure | with ECG or LLCG, parallel p.f. corrected, with power reduction according to version | housing, supporting frame and mast flange of diecast aluminium; all parts light grey (RAL 7035); cover of PMMA

Protection rating: IP65

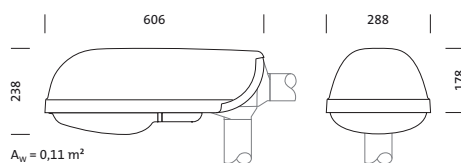
Insulation class: II

Mast spigot with post-top mounting: $d_a = 60 \times 100\text{mm}$ | $76 \times 130\text{mm}$

Mast spigot with side-entry mounting: $d_a = 42/48/60 \times 100\text{mm}$

Recommended mounting height: MH= 4.6m

(luminaire can be tilted at 0°, 3°, 8° or 15° via mast flange)

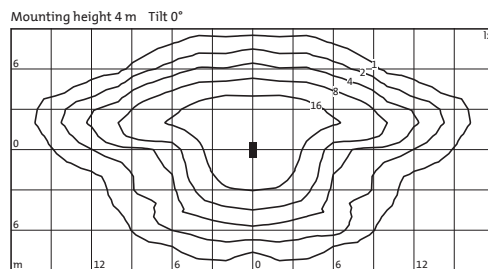
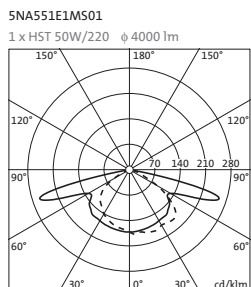


Lamps	Socket	Power reduction	Wt. (kg)	Order No.
enclosure, PMMA, with ECG				
2x TC-LEL 18/24W	2G11		6.0	5LA55172KL01
enclosure, PMMA, with LLCG, ind.				
2x TC-LEL 18W	2G11		6.5	5LA55112GL01
2x TC-LEL 18/24W	2G11		6.5	5LA55112KL01
enclosure, PMMA, with LLCG w. th. prot., p.f. corr.				
1x HST HSE 50W ⁴⁾	E27		9.5	5NA551E1MS01
1x HST HSE 70W	E27	X	7.3	5NA551E1MS11
1x HSE 100W	E40		7.8	5NA551E1NE01
1x HSE 100W	E40	X	7.8	5NA551E1NE11

4) control gear with 2x power tapping 50/70W
- please order mast flange according to spigot diameter separately

Mandatory accessories (for details see page 3.68)

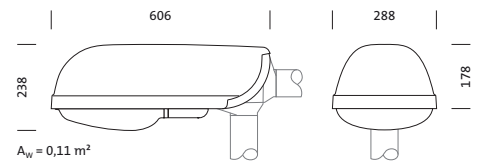
Article	Wt. (kg)	Order No.
mast flange, light grey (RAL 7035), aluminium, spigot size: 42mm	0.6	5NA55100XM4
mast flange, light grey (RAL 7035), aluminium, spigot size: 48mm	0.5	5NA55100XM3
mast flange, light grey (RAL 7035), aluminium, spigot size: 60mm	0.6	5NA55100XM2
mast flange, light grey (RAL 7035), aluminium, spigot size: 76mm	0.8	5NA55100XM1
post top mounting element, 2-fold, aluminium, spigot size: 76mm	5.4	5NA55102MA76
post top mounting element, 3-fold, aluminium, spigot size: 76mm	6.5	5NA55103MA76





SR 50 | extremely wide distribution for cycle paths | with enclosure | with LLCG

SR 50 mast luminaire for post-top or side-entry mounting via mast flange | with reflector unit for cycle paths, asymmetric extremely wide distribution; with enclosure | with LLCG, parallel p.f. corrected, with power reduction according to version | housing, supporting frame and mast flange of diecast aluminium; all parts light grey (RAL 7035); cover of PMMA



Protection rating: IP65
 Insulation class: II
 Mast spigot with post-top mounting: $d_a = 60 \times 100\text{mm}$ | $76 \times 130\text{mm}$
 Mast spigot with side-entry mounting: $d_a = 42/48/60 \times 100\text{mm}$
 Recommended mounting height: MH= 4.6m
 (luminaire can be tilted at 0°, 3°, 8° or 15° via mast flange)

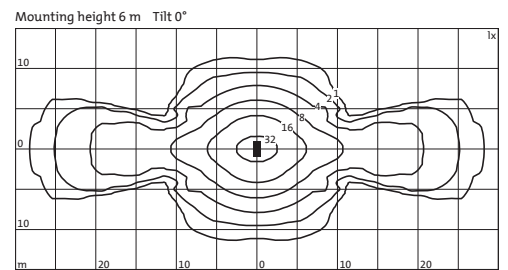
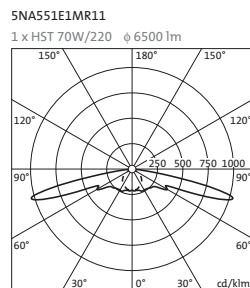


Lamps	Socket	Power reduction	Wt. (kg)	Order No.
with LLCG w. th. prot., p.f. corr.				
1x HST 50W ⁴⁾	E27		7.3	5NA551E1MR01
1x HST 70W ⁴⁾	E27	X	7.3	5NA551E1MR11

4) control gear with 2x power tapping 50/70W
 - please order mast flange according to spigot diameter separately

Mandatory accessories (for details see page 3.68)

Article	Wt. (kg)	Order No.
mast flange, light grey (RAL 7035), aluminium, spigot size: 42mm	0.6	5NA55100XM4
mast flange, light grey (RAL 7035), aluminium, spigot size: 48mm	0.5	5NA55100XM3
mast flange, light grey (RAL 7035), aluminium, spigot size: 60mm	0.6	5NA55100XM2
mast flange, light grey (RAL 7035), aluminium, spigot size: 76mm	0.8	5NA55100XM1
post top mounting element, 2-fold, aluminium, spigot size: 76mm	5.4	5NA55102MA76
post top mounting element, 3-fold, aluminium, spigot size: 76mm	6.5	5NA55103MA76





SR 100 | with radial faceted optics | with flat cover disc | with ECG dimmable

SR 100 mast luminaire for post-top or side-entry mounting via mast flange | with radial faceted optics, asymmetric wide distribution; with flat cover | state-of-the-art electronic ballast (ECG); according to version either with interface for dimming of luminaire (for external SLC luminaire controller in mast)* or with SLC luminaire controller (in luminaire)** | housing, supporting frame and mast flange of diecast aluminium; frame for cover of GRP; all parts light grey (RAL 7035); cover of toughened safety glass (ESG)

Protection rating: IP65 | insulation class: II

Mast spigot with post-top mounting: $d_a = 60 \times 100 \text{ mm}$
| $76 \times 130 \text{ mm}$

Mast spigot with side-entry mounting: $d_a = 42/48/60 \times 100 \text{ mm}$

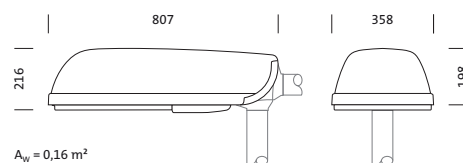
Recommended mounting height: MH= 6..10m

(luminaire can be tilted at 0°, 3°, 8° or 15° via mast flange)

* for brightness control of lamps (according to specifications of lamp manufacturer) via external luminaire controller (control without supplementary signal line outside of mast, according to specification via LON-PowerLine or via audio frequency ripple control)

** for brightness control of lamps (according to specifications of lamp manufacturer) via internal SLC luminaire controller (control via LON-PowerLine without supplementary signal line)

- supplementary SLC lighting management components are required for customer-specific and event-specific light control and evaluation of signals regarding operational condition of luminaire and lamp



Lamps	Socket	Wt. (kg)	Order No.
with ECG-dimmable			
1x HIT-CE 70W	E27	12.5	5NA55271LT62
1x HIT-CE 100W	E40	12.5	5NA55271OT62
1x HIT-CE 150W	E40	12.5	5NA55271QT62
1x HST 70W	E27	12.5	5NA55271MT62
1x HST 100W	E40	12.5	5NA55271NT62
1x HST 150W	E40	12.5	5NA55271PT62
with ECG-dimmable, with luminaire controller			
1x HIT-CE 70W	E27	12.5	5NA55291LT62
1x HIT-CE 100W	E40	12.5	5NA55291OT62
1x HIT-CE 150W	E40	12.5	5NA55291QT62
1x HST 70W	E27	12.5	5NA55291MT62
1x HST 100W	E40	12.5	5NA55291NT62
1x HST 150W	E40	12.5	5NA55291PT62

- please order mast flange according to spigot diameter separately

- please order SLC luminaire controller and SLC lighting management components separately if required



SR 100 | with radial faceted optics | with flat cover disc | with ECG

SR 100 mast luminaire for post-top or side-entry mounting via mast flange | with radial faceted optics, asymmetric wide distribution; with flat cover | with ECG | housing, supporting frame and mast flange of diecast aluminium; frame for glass cover of GRP; all parts light grey (RAL 7035); cover of toughened safety glass (ESG)

Protection rating: IP65

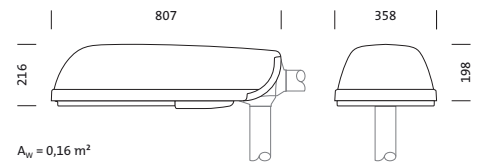
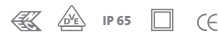
Insulation class: II

Mast spigot with post-top mounting: $d_a = 60 \times 100\text{mm}$ | $76 \times 130\text{mm}$

Mast spigot with side-entry mounting: $d_a = 42/48/60 \times 100\text{mm}$

Recommended mounting height: MH= 6..10m

(luminaire can be tilted at 0°, 3°, 8° or 15° via mast flange)



Lamps	Socket	Wt. (kg)	Order No.
with ECG			
1x HIT-CE-od 90W	PGZ12	12.5	5NA55271CW02
1x HIT-CE-od 140W	PGZ12	12.5	5NA55271DW02
1x HST HIT-CE 70W	E27	12.5	5NA55271MT72
1x HST HIT-CE 100W ²⁾	E40	12.5	5NA55271NT72
1x HST HIT-CE 150W ²⁾	E40	12.5	5NA55271PT72

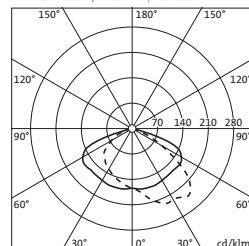
²⁾ with use of the lamp Osram HCI-E/P or HCI-T/P an additional socket adapter E40/E27 (5NA59000XF) is required
- please order mast flange according to spigot diameter separately

Mandatory accessories (for details see page 3.68)

Article	Wt. (kg)	Order No.
mast flange, light grey (RAL 7035), aluminium, spigot size: 42mm	0.6	5NA55100XM4
mast flange, light grey (RAL 7035), aluminium, spigot size: 48mm	0.5	5NA55100XM3
mast flange, light grey (RAL 7035), aluminium, spigot size: 60mm	0.6	5NA55100XM2
mast flange, light grey (RAL 7035), aluminium, spigot size: 76mm	0.8	5NA55100XM1
post top mounting element, 2-fold, aluminium, spigot size: 76mm	5.4	5NA55102MA76
post top mounting element, 3-fold, aluminium, spigot size: 76mm	6.5	5NA55103MA76

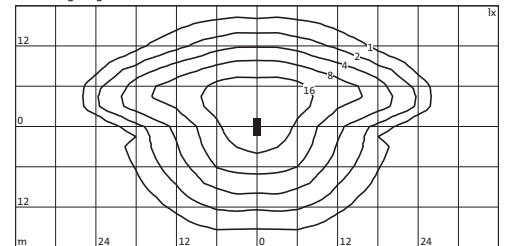
5NA55271NT72

1 x HST 100W/220 LL ϕ 10700 lm



— C 0/180
- - - C 90/270
Luminous intensity class according to EN13201-2: G4

Mounting height 8 m Tilt 0°

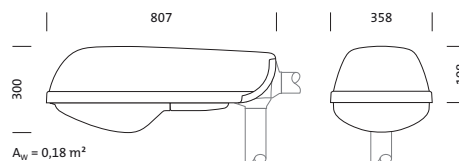




SR 100 | with radial faceted optics | with enclosure | with LLCG

SR 100 mast luminaire for post-top or side-entry mounting via mast flange | with radial faceted optics, asymmetric wide distribution; with enclosure | with LLCG, parallel p.f. corrected, with power reduction according to version | housing, supporting frame and mast flange of diecast aluminium; all parts light grey (RAL 7035); cover of PMMA

Protection rating: IP65 | insulation class: II
 Mast spigot with post-top mounting: $d_a = 60 \times 100\text{mm}$ | $76 \times 130\text{mm}$
 Mast spigot with side-entry mounting: $d_a = 42/48/60 \times 100\text{mm}$
 Recommended mounting height: MH= 6..10m
 (luminaire can be tilted at 0°, 3°, 8° or 15° via mast flange)



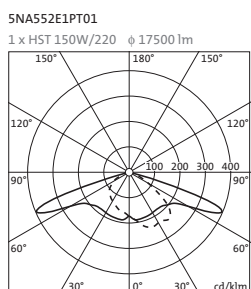
Lamps	Socket	Power reduction	Wt. (kg)	Order No.
enclosure, PMMA, with LLCG w. th. prot., p.f. corr.				
1x HST 100W	E40	X	11.0	5NA552E1NT11
1x HST 150W	E40	X	12.5	5NA552E1PT11
1x HST HIT-CE-P 100W ²⁾	E40		11.0	5NA552E1NT01
1x HST HIT-CE-P 150W ²⁾	E40		14.0	5NA552E1PT01
1x HST HSE 50W ⁴⁾	E27		10.5	5NA552E1MS01
1x HST HSE 70W	E27	X	10.5	5NA552E1MS11
1x HSE 100W	E40		11.0	5NA552E1NE01
1x HSE 100W	E40	X	11.0	5NA552E1NE11
1x HSE 150W	E40		14.6	5NA552E1PE01
1x HSE 150W	E40	X	12.5	5NA552E1PE11

enclosure, PC, with LLCG w. th. prot., p.f. corr.				
1x HST 250W	E40		12.7	5NA552E1ST03
1x HST 250W	E40	X	12.7	5NA552E1ST13
1x HSE 250W	E40		12.7	5NA552E1SE03
1x HSE 250W	E40	X	12.7	5NA552E1SE13

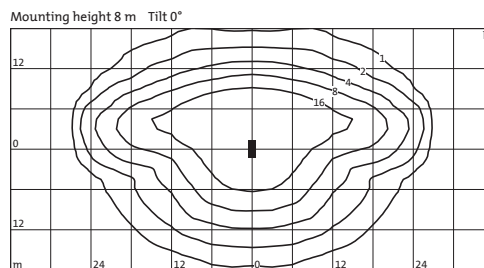
2) with use of the lamp Osram HCI-E/P or HCI-T/P an additional socket adapter E40/E27 (5NA59000XF) is required
 4) control gear with 2x power tapping 50/70W
 - please order mast flange according to spigot diameter separately

Mandatory accessories (for details see page 3.68)

Article	Wt. (kg)	Order No.
mast flange, light grey (RAL 7035), aluminium, spigot size: 42mm	0.6	5NA55100XM4
mast flange, light grey (RAL 7035), aluminium, spigot size: 48mm	0.5	5NA55100XM3
mast flange, light grey (RAL 7035), aluminium, spigot size: 60mm	0.6	5NA55100XM2
mast flange, light grey (RAL 7035), aluminium, spigot size: 76mm	0.8	5NA55100XM1
post top mounting element, 2-fold, aluminium, spigot size: 76mm	5.4	5NA55102MA76
post top mounting element, 3-fold, aluminium, spigot size: 76mm	6.5	5NA55103MA76



— C 0/180
 - - - C 90/270
 Luminous intensity class according to EN13201-2: G3





SR 100 | single-sided asymmetric distribution for pedestrian crossings | with enclosure | with LLCG

SR 100 mast luminaire for post-top or side-entry mounting via mast flange | with reflector unit for pedestrian crossings, asymmetric left or right-sided distribution; with enclosure | with LLCG, with parallel p.f. correction | housing, supporting frame and mast flange of diecast aluminium; all parts light grey (RAL 7035); cover of PMMA

Protection rating: IP65

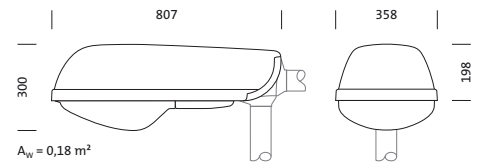
Insulation class: II

Mast spigot with post-top mounting: $d_a = 60 \times 100\text{mm}$ | $76 \times 130\text{mm}$

Mast spigot with side-entry mounting: $d_a = 42/48/60 \times 100\text{mm}$

Recommended mounting height: MH= 6..10m

(luminaire can be tilted at 0°, 3°, 8° or 15° via mast flange)

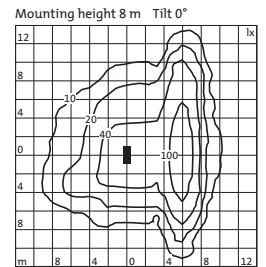
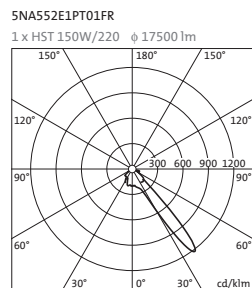


Lamps	Socket	Wt. (kg)	asymmetric, left Order No.	asymmetric, right Order No.
with LLCG w. th. prot., p.f. corr.				
1x HST 150W	E40	12.5	5NA552E1PT01FL	5NA552E1PT01FR

- please order mast flange according to spigot diameter separately

Mandatory accessories (for details see page 3.68)

Article	Wt. (kg)	Order No.
mast flange, light grey (RAL 7035), aluminium, spigot size: 42mm	0.6	5NA55100XM4
mast flange, light grey (RAL 7035), aluminium, spigot size: 48mm	0.5	5NA55100XM3
mast flange, light grey (RAL 7035), aluminium, spigot size: 60mm	0.6	5NA55100XM2
mast flange, light grey (RAL 7035), aluminium, spigot size: 76mm	0.8	5NA55100XM1
post top mounting element, 2-fold, aluminium, spigot size: 76mm	5.4	5NA55102MA76
post top mounting element, 3-fold, aluminium, spigot size: 76mm	6.5	5NA55103MA76





**SR 200 | with radial faceted optics | with flat cover disc
| with ECG dimmable**

SR 200 mast luminaire for post-top or side-entry mounting via mast flange | with radial faceted optics, asymmetric wide distribution; with flat cover | state-of-the-art electronic ballast (ECG); according to version either with interface for dimming of luminaire (for external SLC luminaire controller in mast)* or with SLC luminaire controller (in luminaire)** | housing, supporting frame and mast flange of diecast aluminium; frame for glass cover of GRP; all parts light grey (RAL 7035); cover of toughened safety glass (ESG)

Protection rating: IP65

Insulation class: II

Mast spigot with post-top mounting: $d_a = 60 \times 100\text{mm}$
| $76 \times 130\text{mm}$

Mast spigot with side-entry mounting: $d_a = 48/60 \times 100\text{mm}$

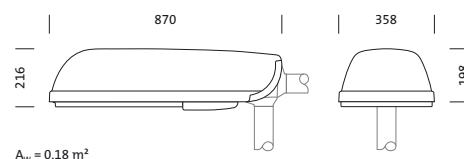
Recommended mounting height: MH= 8..12m

(luminaire can be tilted at 0°, 3°, 8° or 15° via mast flange)

* for brightness control of lamps (according to specifications of lamp manufacturer) via external SLC luminaire controller (control without supplementary signal line outside of mast, according to specification via LON-PowerLine or via audio frequency ripple control)

** for brightness control of lamps (according to specifications of lamp manufacturer) via internal SLC luminaire controller (control via LON-PowerLine without supplementary signal line)

- supplementary SLC lighting management components are required for customer-specific and event-specific light control and evaluation of signals regarding operational condition of luminaires and lamps



Lamps	Socket	Wt. (kg)	Order No.
with ECG-dimmable			
1x HIT-CE 150W	E40	14.0	5NA55371QT62
1x HST 150W	E40	14.0	5NA55371PT62

with ECG-dimmable, with luminaire controller

1x HIT-CE 150W	E40	14.0	5NA55391QT62
1x HST 150W	E40	14.0	5NA55391PT62

- please order mast flange according to spigot diameter separately

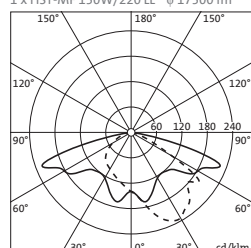
- please order SLC luminaire controller and SLC lighting management components separately if required

Accessories (see next page for mast flange | see chapter 8 for details about lighting management components)

Article	Wt. (kg)	Order No.
luminaire controller, LON Powerline protocol, recessed in mast	1.0	5EA3CUE
luminaire controller, LON Powerline and ripple control protocol, recessed in mast	0.6	5EA3CLE
luminaire controller, ripple control protocol, recessed in mast	0.2	5EA3CRE

5NA55371PT62

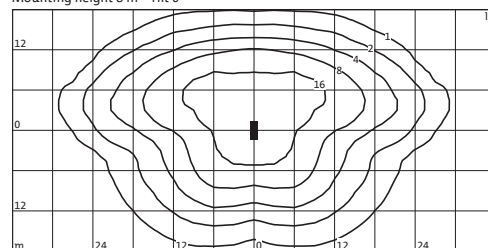
1 x HST-MF 150W/220 LL ϕ 17500 lm



— C 0/180
- - - C 90/270

Luminous intensity class
according to
EN13201-2: G6

Mounting height 8 m Tilt 0°





SR 200 | with radial faceted optics | with flat cover disc | with ECG

SR 200 mast luminaire for post-top or side-entry mounting via mast flange | with radial faceted optics, asymmetric wide distribution; with flat cover | with ECG | housing, supporting frame and mast flange of diecast aluminium; frame for glass cover of GRP; all parts light grey (RAL 7035); cover of toughened safety glass (ESG)

Protection rating: IP65

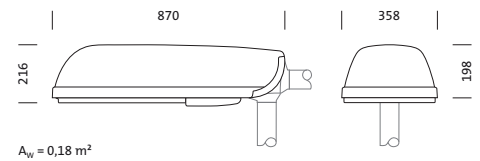
Insulation class: II

Mast spigot with post-top mounting: $d_a = 60 \times 100\text{mm}$ | $76 \times 130\text{mm}$

Mast spigot with side-entry mounting: $d_a = 48/60 \times 100\text{mm}$

Recommended mounting height: MH= 8..12m

(luminaire can be tilted at 0°, 3°, 8° or 15° via mast flange)



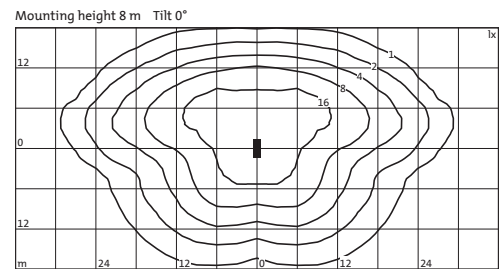
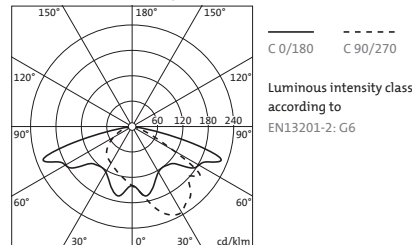
Lamps	Socket	Wt. (kg)	Order No.
with ECG			
1x HST HIT-CE 150W ²⁾	E40	14.0	5NA55371PT72

²⁾ with use of the lamp Osram HCI-E/P or HCI-T/P an additional socket adapter E40/E27 (5NA59000XF) is required
 - please order mast flange according to spigot diameter separately
 - please order SLC luminaire controller and SLC lighting management components separately if required

Mandatory accessories (for details see page 3.68)

Article	Wt. (kg)	Order No.
mast flange, light grey (RAL 7035), aluminium, spigot size: 48mm	0.5	5NA55100XM3
mast flange, light grey (RAL 7035), aluminium, spigot size: 60mm	0.6	5NA55100XM2
mast flange, light grey (RAL 7035), aluminium, spigot size: 76mm	0.8	5NA55100XM1
post top mounting element, 2-fold, aluminium, spigot size: 76mm	5.4	5NA55102MA76
post top mounting element, 3-fold, aluminium, spigot size: 76mm	6.5	5NA55103MA76

5NA55371PT72
 1 x HST 150W/220 E40 LL ϕ 18000 lm





SR 200 | with radial faceted or shell mirror optics | with enclosure | with LLCG

SR 200 mast luminaire for post-top or side-entry mounting via mast flange | single-lamp version with radial faceted optics, twin-lamp version with reflector bowl optics, asymmetric wide distribution; with enclosure | with LLCG, parallel p.f. corrected, with power reduction according to version | housing, supporting frame and mast flange of diecast aluminium; all parts light grey (RAL 7035); cover of PMMA

Protection rating: IP65

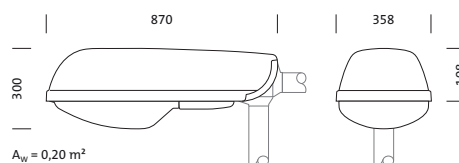
Insulation class: II

Mast spigot with post-top mounting: $d_a = 60 \times 100\text{mm}$ | $76 \times 130\text{mm}$

Mast spigot with side-entry mounting: $d_a = 48/60 \times 100\text{mm}$

Recommended mounting height: MH= 8..12m

(luminaire can be tilted at 0°, 3°, 8° or 15° via mast flange)



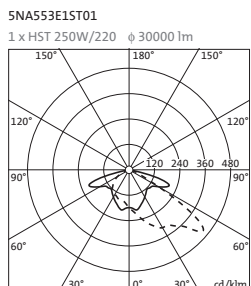
Lamps	Socket	Power reduction	Wt. (kg)	Order No.
enclosure, PMMA, with LLCG w. th. prot., p.f. corr.				
1x HST 250W	E40		16.5	5NA553E1ST01
1x HST 250W	E40	X	14.0	5NA553E1ST11
1x HSE 250W	E40		13.5	5NA553E1SE01
1x HSE 250W	E40	X	14.0	5NA553E1SE11
2x HSE 100W	E40		14.5	5NA553E2NE01

enclosure, PC, with LLCG w. th. prot., p.f. corr.				
1x HST 400W	E40		18.0	5NA553E1TT03
1x HST 400W	E40	X	14.5	5NA553E1TT13
1x HSE 400W	E40		14.5	5NA553E1TE03
1x HSE 400W	E40	X	14.5	5NA553E1TE13

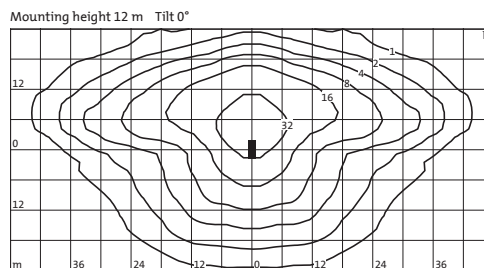
- please order mast flange according to spigot diameter separately

Mandatory accessories (for details see page 3.68)

Article	Wt. (kg)	Order No.
mast flange, light grey (RAL 7035), aluminium, spigot size: 48mm	0.5	5NA55100XM3
mast flange, light grey (RAL 7035), aluminium, spigot size: 60mm	0.6	5NA55100XM2
mast flange, light grey (RAL 7035), aluminium, spigot size: 76mm	0.8	5NA55100XM1
post top mounting element, 2-fold, aluminium, spigot size: 76mm	5.4	5NA55102MA76
post top mounting element, 3-fold, aluminium, spigot size: 76mm	6.5	5NA55103MA76



— C 0/180
- - - C 90/270
Luminous intensity class according to EN13201-2: G3

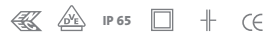
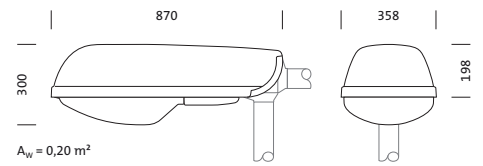




SR 200 | single-sided asymmetric distribution for pedestrian crossings | with enclosure | with LLCG

SR 200 mast luminaire for post-top or side-entry mounting via mast flange | with reflector unit for pedestrian crossings, asymmetric left or right-sided distribution; with enclosure | with LLCG, with parallel p.f. correction | housing, supporting frame and mast flange of diecast aluminium; all parts light grey (RAL 7035); cover of PMMA

Protection rating: IP65
 Insulation class: II
 Mast spigot with post-top mounting: $d_a = 60 \times 100\text{mm}$ | $76 \times 130\text{mm}$
 Mast spigot with side-entry mounting: $d_a = 42/48/60 \times 100\text{mm}$
 Recommended mounting height: MH= 8..12m
 (luminaire can be tilted at 0°, 3°, 8° or 15° via mast flange)

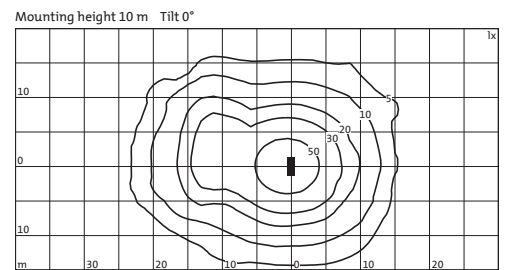
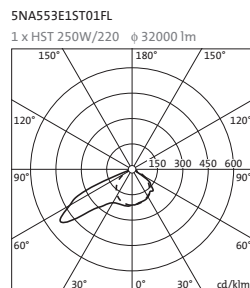


Lamps	Socket	Wt. (kg)	asymmetric, left Order No.	asymmetric, right Order No.
enclosure, PMMA, with LLCG w. th. prot., p.f. corr.				
1x HST 150W	E40	13.5	5NA553E1PT01FL	5NA553E1PT01FR
1x HST 250W	E40	14.0	5NA553E1ST01FL	5NA553E1ST01FR
enclosure, PC, with LLCG w. th. prot., p.f. corr.				
1x HST 400W	E40	14.5	5NA553E1TT03FL	5NA553E1TT03FR

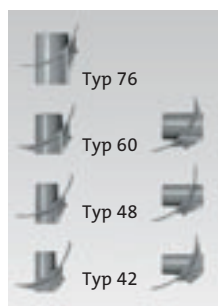
- please order mast flange according to spigot diameter separately

Mandatory accessories (for details see page 3.68)

Article	Wt. (kg)	Order No.
mast flange, light grey (RAL 7035), aluminium, spigot size: 48mm	0.5	5NA55100XM3
mast flange, light grey (RAL 7035), aluminium, spigot size: 60mm	0.6	5NA55100XM2
mast flange, light grey (RAL 7035), aluminium, spigot size: 76mm	0.8	5NA55100XM1
post top mounting element, 2-fold, aluminium, spigot size: 76mm	5.4	5NA55102MA76
post top mounting element, 3-fold, aluminium, spigot size: 76mm	6.5	5NA55103MA76



SR luminaires mounting accessories

**Mast flange**

for installing SR luminaires as post top or side-entry luminaire via twisting of mast flange | luminaire inclination set via mast flange (0°, 3°, 8°, 15°) | various mast flanges for differing mast spigot diameters | mast flange of diecast aluminium, light grey (RAL 7035)

Type

Wt. (kg)

Order no.

Mast flange for mast spigot d_a $d_a = 76\text{mm}$

0.5

5NA55100XM1

 $d_a = 60\text{mm}$

0.5

5NA55100XM2

 $d_a = 48\text{mm}$

0.4

5NA55100XM3

 $d_a = 42\text{mm}$

0.4

5NA55100XM4

– mast flange not included in luminaire delivery; please order mast flange separately according to mast spigot diameter

Mounting information for post-top mounting

Mast spigot: $d_a \times l = 76 \times 130\text{mm}$ (Luminaire mounting possible with mast flange type 76)

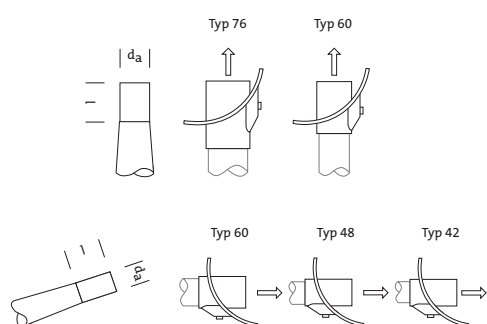
$d_a \times l = 60 \times 100\text{mm}$ (Luminaire mounting possible with mast flange type 60)

Mounting information for side-entry mounting

Mast spigot: $d_a \times l = 60 \times 100\text{mm}$ (Luminaire mounting possible with mast flange type 60)

$d_a \times l = 48 \times 100\text{mm}$ (Luminaire mounting possible with mast flange type 48)

$d_a \times l = 42 \times 100\text{mm}$ (Luminaire mounting possible with mast flange type 42)

**Mast flange for multiple arrangement**

for SR luminaire installation with twin or triple mounting | luminaire inclination set via mast flange (0°, 3°, 8°, 15°) | mast flange of sandcast aluminium, light grey (RAL 7035)
mast spigot: $d_a \times l = 76 \times 130\text{mm}$

Type

Wt. (kg)

Order no.

Mast flange**Twin arrangement**

5.1

5NA55102MA76

Triple arrangement

6.5

5NA55103MA76

SR luminaires electrical accessories

**Socket adapter**

for use of HIT-CE-P with E27 base in luminaires with E40 base

Type	Wt. (kg)	Order no.
Socket adapter for E40 > E27 reduction	0.1	5NA59000XF

SR luminaires spare parts

**Optical enclosure
flat cover panel, with frame**

Frame of GRP, light grey (RAL 7035);
cover of toughened safety glass

Diffuser

Cover, transparent | PMMA or PC

Type	Wt. (kg)	Order no.
Cover panel, toughened safety glass		
for SR 50	1.1	5NA55100XG
for SR 100	1.6	5NA55200XG
for SR 200	1.8	5NA55300XG
Diffuser, PMMA		
for SR 50	0.3	5NA55100XW
for SR 100	0.3	5NA55200XW
for SR 200	0.3	5NA55300XW
Diffuser, PC		
for SR 50	0.4	5NA55110XW
for SR 100	0.4	5NA55210XW
for SR 200	0.4	5NA55310XW



Detailed information about intelligent control of Siteco luminaires is specified in **Section 8**



Masts, brackets and special mounting are specified in **Section 9**

SiCOMPACT® A2 MIDI

The floodlights of the SiCOMPACT® A2 MIDI family become technical road luminaires via special optics for road traffic, emitting wide light distribution with low stray light and a high level of visual comfort. They can be used as mast or wall luminaires with use of special connections. There is no light immission (0%) due to horizontal alignment, meaning that the SiCOMPACT® A2 MIDI floodlight complies with the EU guidelines for Dark Sky criteria. Various lamp wattages are available for various photometric tasks.

- + pressure equalisation port with air-permeable membrane prevents build-up of condensation in housing
- + low windage area
- + luminaire cover of safety glass with all-round silicone sealing; IP66 protection
- + asymmetrical light technology limits glare and light spill
- + Siteco® Savelight components for greater safety, higher energy savings, longer lamp service life and less maintenance costs
- + mast adapter as 1, 2, 3 or 4-fold bracket



Housing

Housing of diecast aluminium with rear housing connection for mast or wall adapter; wall and mast adapter of galvanised steel; all parts coated in Siteco® metallic grey (DB 702S) | all-round silicon gasket in housing profile | cover of flat, temperature-resistant, toughened safety glass | pressure equalisation system with air-permeable membrane for condensation avoidance in housing
Insulation class: I | protection rating: IP66

Electrics

Luminaire wired ready for connection | with 3-pole terminal, max. 2.5mm² | cable entry for cables D=6...12mm | with LLCG, power factor corrected

Lighting technology

Asymmetric wide light distribution for standard-compliant lighting according to DIN EN 13201 | no light spill to upper hemisphere (light immission < 3%) via flat cover and horizontal alignment of light emission surface

Recommended application

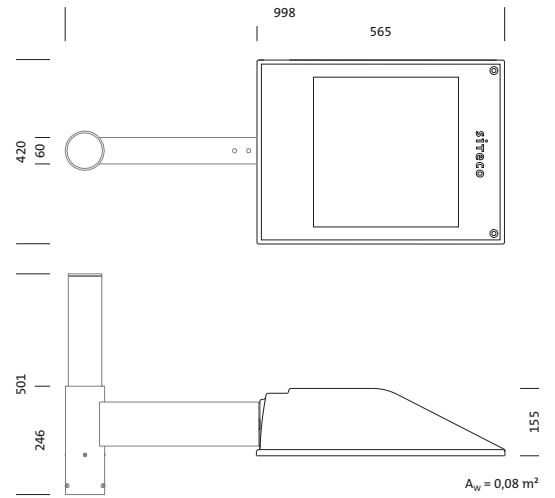
especially suitable for glare-free lighting installations and for ancillary, residential and collection roads and main thoroughfares



SiCOMPACT® A2 MIDI | for mast bracket, fixing at rear

SiCOMPACT® A2 MIDI luminaire for mounting to mast via mast bracket | with aluminium reflector, highly specular, asymmetric wide distribution (road lighting technology); with flat cover | with LLCG, with parallel p.f. correction | housing with rear fixing of diecast aluminium, Siteco® metallic grey (DB 702S); cover of toughened safety glass (ESG)

Protection rating: IP66
 Insulation class: II
 Recommended mounting height: MH= 6..10m

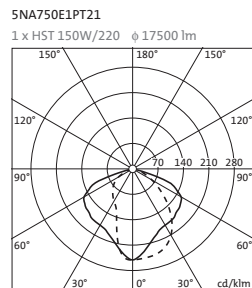


Lamps	Socket	Wt. (kg)	wide spread Order No.
with integrated CG, with integrated ign. (with automatic power disconnection)			
1x HST 70W	E27	12.4	5NA750E1MT21
1x HST 100W	E40	11.7	5NA750E1NT21
1x HST 150W	E40	13.2	5NA750E1PT21
1x HST 250W	E40	16.5	5NA750E1ST21

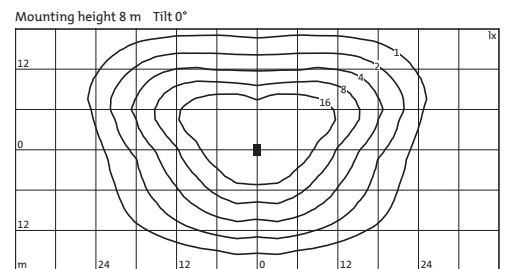
- please order mast bracket separately

Mandatory accessories (for details see page 3.73)

Article	Wt. (kg)	Order No.
bracket arm for 1 floodlight, spigot size: 76mm	6.0	5NY75801XA21
bracket arm for 2 floodlights, spigot size: 76mm	9.0	5NY75802XA11
bracket arm for 2 floodlights, spigot size: 89mm	9.3	5NY75802XA21
bracket arm for 3 floodlights, spigot size: 89mm	11.0	5NY75803XA21
bracket arm for 4 floodlights, spigot size: 89mm	17.0	5NY75804XA21



— C 0/180
 - - - C 90/270
 Luminous intensity class according to EN13201-2: G6





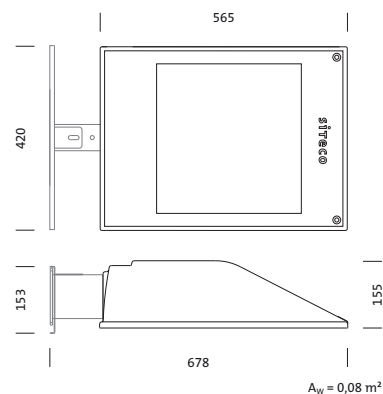
SiCOMPACT® A2 MIDI | for wall adapter

SiCOMPACT® A2 MIDI luminaire for wall mounting via wall adapter | with aluminium reflector, highly specular, asymmetric wide distribution (road lighting technology); with flat cover | with LLCG, with parallel p.f. correction | housing with rear fixing of diecast aluminium, Siteco® metallic grey (DB 702S); cover of toughened safety glass (ESG)

Protection rating: IP66

Insulation class: II

Recommended mounting height: MH= 6..10m



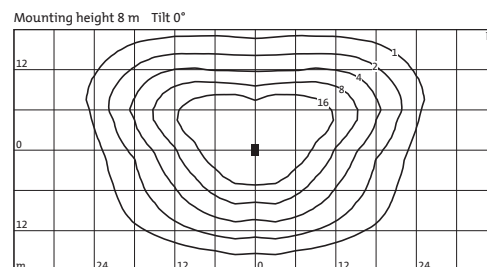
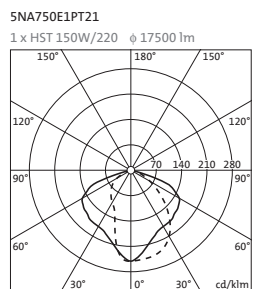
wide spread

Lamps	Socket	Wt. (kg)	Order No.
with integrated CG, with integrated ign. (with automatic power disconnection)			
1x HST 70W	E27	12.4	5NA750E1MT21
1x HST 100W	E40	11.7	5NA750E1NT21
1x HST 150W	E40	13.2	5NA750E1PT21
1x HST 250W	E40	16.5	5NA750E1ST21

- please order wall adapter separately

Mandatory accessories (for details see page 3.75)

Article	Wt. (kg)	Order No.
wall arm	2.2	5NY75801XW21





SiCOMPACT® A2 MIDI mounting accessories



Mast bracket, for luminaire with rear housing connection

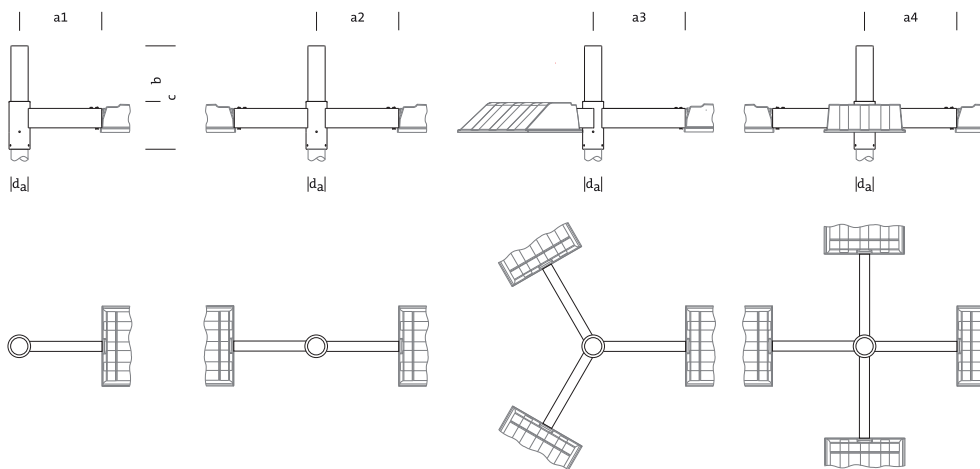
mast mounting element with single or multiple bracket | steel, galvanised and coated, Siteco® metallic grey (DB 7025) | with 5NY75701XA ...: mast mounting element of aluminium

Type	Mast spigot, $d_a \times l$ (mm)	Wt. (kg)	Order no.
Mast bracket for SiCOMPACT® for A2 MIDI			
Single bracket	76 x 110	6.0	5NY75801XA21
Twin bracket	76 x 110	9.0	5NY75802XA11
Twin bracket	89 x 110	9.3	5NY75802XA21
Triple bracket	89 x 110	11.0	5NY75803XA21
Quadruple bracket	89 x 110	17.0	5NY75804XA21

Mounting information
Mast spigot: $d_a \times l$



SiCOMPACT® A2 MIDI	a1	a2	a3	a4	b	c
	400	406	506	509	255	501

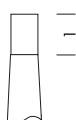


Multiple mast bracket, for luminaire with mounting bracket

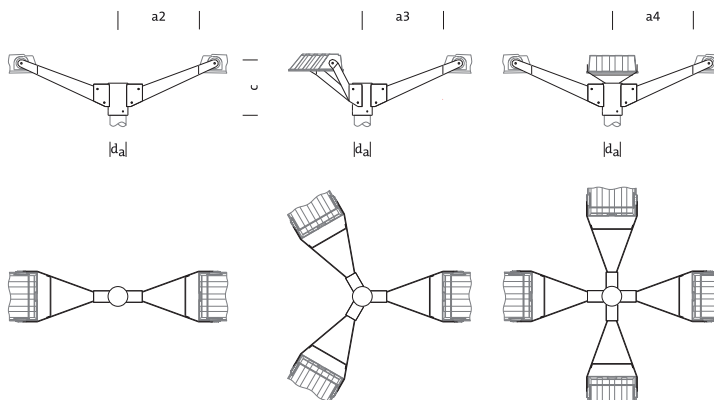
mast mounting element with multiple bracket | steel, galvanised and coated, Siteco® metallic grey (DB 7025) | multiple bracket replaces the luminaire mounting bracket, luminaire connection to the fixing points of the mounting bracket | adjustment of luminaire in 5° steps

Type	Mast spigot, $d_a \times l$ (mm)	Wt. (kg)	Order no.
Multiple bracket for SiCOMPACT® A2 MIDI			
Twin bracket	89 x 100	13.4	5NY75802XD2108
Triple bracket	89 x 100	19.6	5NY75803XD2108
Quadruple bracket	89 x 100	25.3	5NY75804XD2108

Mounting information
Mast spigot: $d_a \times l$



SiCOMPACT® A2 MIDI	a2	a3	a4	c
	505	505	505	371



SiCOMPACT® A2 MIDI mounting accessories

**Wall adapter**

Wall flange, cover and adapter of steel, galvanised and coated, Siteco® metallic grey (DB 702S) | wall flange via supplementary cover without visible screws

Type	Wt. (kg)	Order no.
Wall adapter		
for SiCOMPACT® A2 MINI	0.8	5NY75701XW2108
for SiCOMPACT® A2 MIDI	0.2	5NY75801XW21

SiCOMPACT® A2 MIDI spare parts

Optical enclosure (not shown)

Toughened safety glass | transparent, part-coated; with hinge

Type	Order no.
Cover panel	
for SiCOMPACT® A2 MIDI	5NA75200XG08



Masts, brackets and special mounting are specified in **Section 9**

SiSTELLAR®

The SiSTELLAR® MAXI enables mounting heights of 10 to 16 metres, thus illuminating especially wide areas, and as a lighting system enables wide luminaire spacing. In addition each luminaire can be individually adapted to the specific requirements in this lighting field. This is achieved by the special construction of the lamp compartment, having space for up to six lamps. These are fitted on their own supports with socket, electrical connection and reflector bowl. By rotating this reflector system in steps of 30 to 150 degrees various characteristic light distributions can be achieved.



Housing

Housing and central canopy element of sheet aluminium with dripping edge, metallic grey textured (RAL 9007) surface; central mounting frame for central mast connection of steel, coated light grey (RAL 7035) | all-round wool-felt gasket | 3-part segmented cover of flat, temperature-resistant, toughened safety glass | Insulation class I or II | protection rating IP 44

Electrics

Luminaire wired ready for connection | with 4-pole connection terminal (version with insulation class I: additionally with PE connection), max. 2.5mm² | lamps configured in 3 switching groups (version with reducing circuit: 2 switching groups) | electrical control components on central mounting frame, access from above via central canopy element

Power reduction: $U_{St} = 230V \rightarrow 100\%$ luminous flux; $U_{St} = 0V \rightarrow 50\%$ luminous flux (with start in power reduction mode: 100% mode initially for approx. 6mins. | tool-free relamping




Lighting technology

SIVARIAL reflector units with lamp sockets can be individually rotated on-site in 15° steps | individual, application-optimised light distribution: illumination is circular, rectangular, linear, x-shaped, asymmetric narrow or asymmetric wide

Recommended application

especially suitable for glare-free lighting installations such as:

- marshalling yards and shipping routes
- crossing areas of multi-lane roads
- parking spaces

	Versions of this luminaire for marshalling yards are specified in Section 4
	Versions of this luminaire for shipping routes and harbour facilities are in Section 4
	Detailed information about intelligent control of Siteco luminaires is specified in Section 8

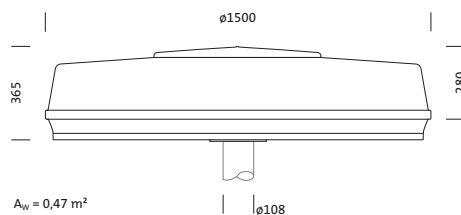


- + large-area luminaire for high mounting heights
- + central supporting frame for mast mounting
- + lamp compartment with all-round wool-felt seal with active breathing properties
- + weather-resistant due to coated surface
- + SiVARIABLE lighting technology for individually settable light distribution, can be preset by the manufacturer
- + electrical units clearly arranged
- + diverse lamp variations available
- + railway approval



SISELLAR® MAXI | with adjustable mirror system | with flat cover

SISELLAR® MAXI mast luminaire for post-top mounting | adjustable reflector system with SiVARIAL reflector units, for 6 individual light distribution characteristics; transparent cover | with LLCG, parallel p.f. corrected, with power reduction according to version | luminaire housing of aluminium, colour grey aluminium (RAL 9007); central steel supporting frame; 3-part cover of toughened safety glass



Protection rating: IP44
 Insulation class: I | insulation class II
 Mast spigot: $d_a = 108 \times 280\text{mm}$
 Recommended mounting height: MH= 10..16m

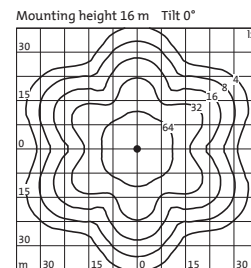
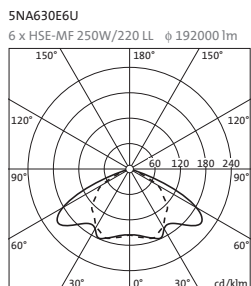
IP 44



Lamps	Socket	Power reduction	Wt. (kg)	Order No.
insulation class I (protective earthing), with LLCG w. th. prot., p.f. corr.				
6x HST 150W	E40	X	90.1	5NA630E6SR
6x HST 250W	E40	X	98.5	5NA630E6NR
6x HST 400W	E40		108.0	5NA630E6V
6x HST 400W	E40	X	108.8	5NA630E6VR
6x HST HIT-CE 150W ²⁾	E40		89.3	5NA630E6S
6x HST HIT-CE 250W	E40		97.7	5NA630E6N
6x HSE 150W	E40		89.3	5NA630E6T
6x HSE 150W	E40	X	90.1	5NA630E6TR
6x HSE 250W	E40		97.7	5NA630E6U
6x HSE 250W	E40	X	98.5	5NA630E6UR

insulation class II (safety insulation), with LLCG w. th. prot., p.f. corr.				
6x HST 150W	E40	X	85.9	5NA650E6SR
6x HST 250W	E40	X	101.0	5NA650E6NR
6x HST 400W	E40		104.4	5NA650E6V
6x HST HIT-CE 150W ²⁾	E40		85.1	5NA650E6S
6x HST HIT-CE 250W	E40		100.2	5NA650E6N
6x HSE 150W	E40		85.1	5NA650E6T
6x HSE 150W	E40	X	85.9	5NA650E6TR
6x HSE 250W	E40		100.2	5NA650E6U
6x HSE 250W	E40	X	101.0	5NA650E6UR

2) with use of the lamp Osram HCI-E/P or HCI-T/P an additional socket adapter E40/E27 (5NA59000XF) is required



SiSTELLAR® mounting accessories



Suction pad
for removing segment disks

Type
Suction pad

Order no.
5LJ48400XJ

SiSTELLAR® mounting information



Mounting information
Spigot size: $d_a \times l = 108 \dots 118 \times 280 \text{mm}$

SiSTELLAR® spare parts

Optical enclosure (not shown)
Segment disk of toughened safety glass

Type
Segment disk (1 piece)

Order no.
5NA63000XG

(3 pieces required per luminaire)



Detailed information about intelligent control of Siteco luminaires is specified in **Section 8**