

Lighting Tools Exterior

Chapter 4
Luminaires for special applications

21m

18m

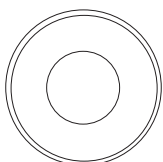
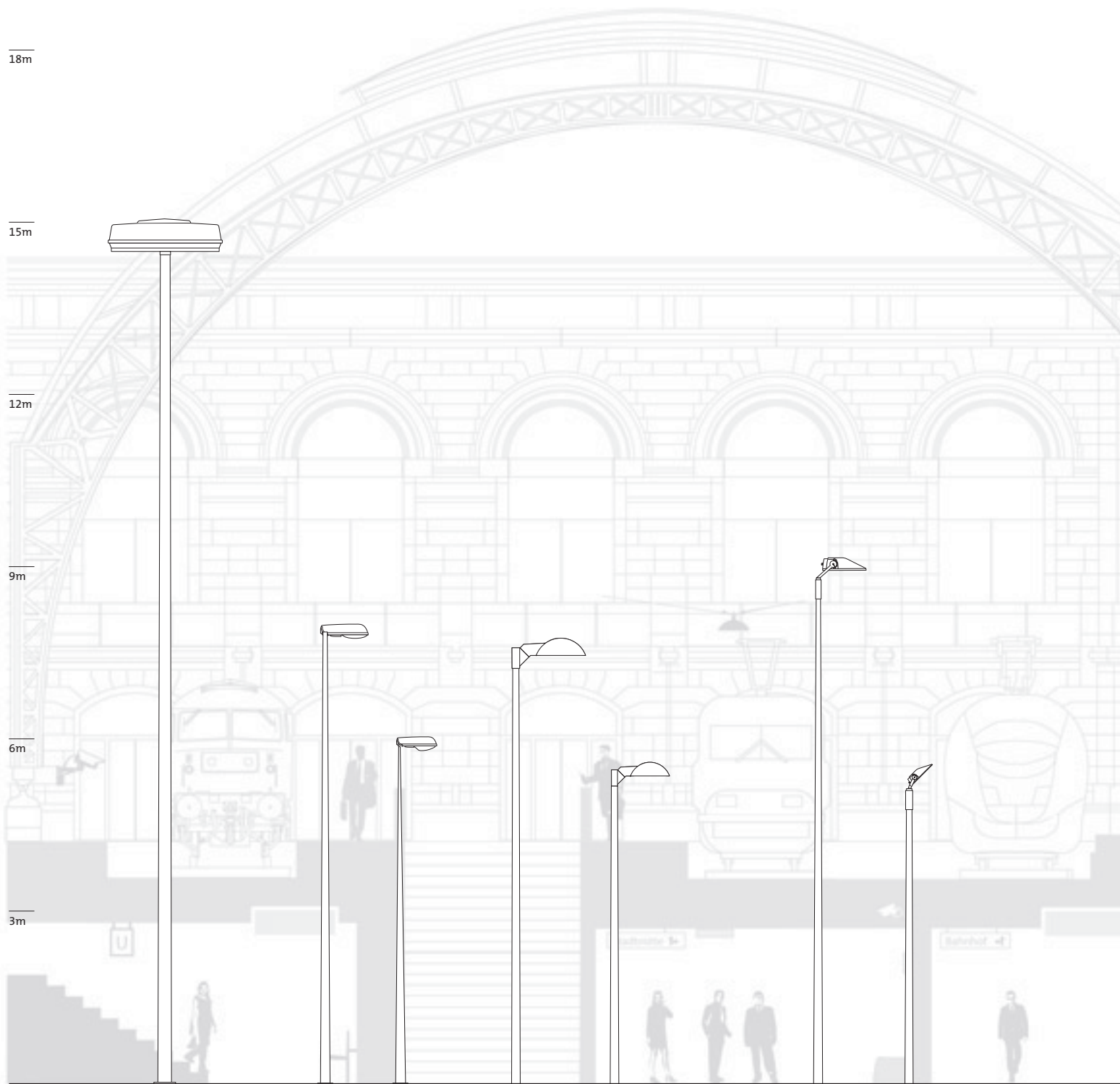
15m

12m

9m

6m

3m



SiSTELLAR® MAXI
page 4.26



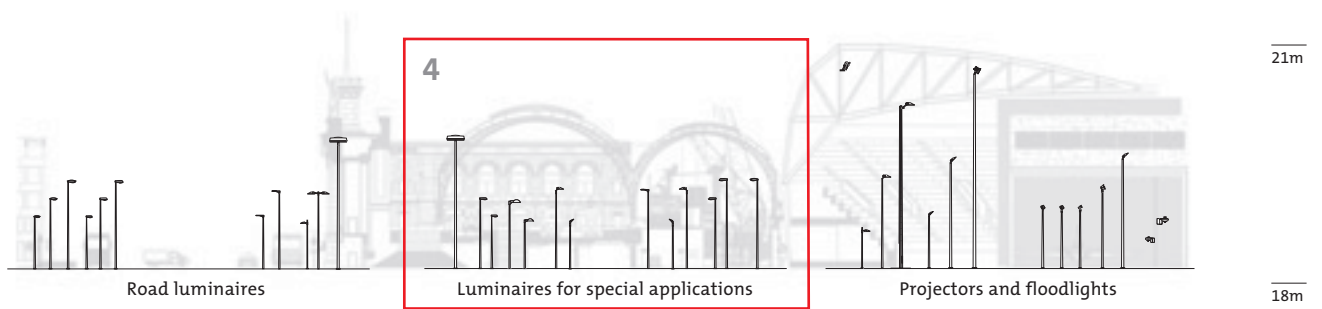
SR luminaires
page 4.12



DL® 500
page 4.6



SiCOMPACT® A2 MINI | SiCOMPACT® A2 MIDI
page 4.18



Streetlight 10 midi LED
page 4.30



SiCOMPACT® A2 MINI LED | SiCOMPACT® A2 MIDI LED
page 4.40

SiCOMPACT® A2 MINI | SiCOMPACT® A2 MIDI
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SR luminaires
page 4.36



SQ 200
page 4.34



Luminaires for railway facilities, shipping routes


DL° 500 MIDI

page 4.6



DL° 500 MAXI

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SR 50

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SR 100

page 4.12

SiCOMPACT° A2
MINI

page 4.18

SiCOMPACT° A2
MIDI

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SiSTELLAR° MAXI

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Security luminaires
Streetlight 10
midi LED

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SQ 200

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SR 100

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SR 200

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SiCOMPACT° A2
MINI LED

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SiCOMPACT° A2
MIDI LED

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SiCOMPACT° A2
MINI

page 4.44

SiCOMPACT° A2
MIDI

page 4.44

Luminaires for container terminals, harbour facilities, industrial facilities, loading bays


SiSTELLAR° MAXI

see Section 3

SiCOMPACT° A3
MAXI

see Section 5

Siteco Mirrortec°
secondary reflector
systems

see Section 6

Luminaires for pedestrian crossings
Streetlight 10
midi LED

see Section 3



SQ 100

see Section 3



SQ 200

see Section 3



SR 100

see Section 3



SR 200

see Section 3

Luminaires for cycle paths
Streetlight 10
mini LED

see Section 3



DL° 20 LED

see Section 2



FANTASIE

see Section 2



BELL

see Section 2












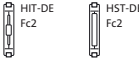







SQ 50 | SQ 100













see Section 3



SR 50

see Section 3

						
	DL° 500 MIDI page 4.6	DL° 500 MAXI page 4.6	SR 50 page 4.12	SR 100 page 4.12	SiCOMPACT® A2 MINI MIDI page 4.18	SiCOMPACT® A2 MIDI page 4.18
Illuminant						
						
			HSE: 50/100W	HSE: 70W HSE: 100/150/250W		
	HST: 50/70W	HST: 100/150W	HST: 50W		HIT: 250/400W HST: 150/250/400W	HST: 70W HST: 100/150/250W
						
					HIT-DE: 70/150W HST-DE: 70/150W	
Protection rating (total)	IP65	IP65	IP65	IP65	IP66	IP66
Insulation class	II	II	II	II	II	II
recommended mounting height	4...6m	6...8m	4...6m	6...10m		6...10m
recommended applications						
• Surface-illumination						
• Facade lighting						
special applications						
• glare-free lighting systems	■	■	■	■	■	■
• railway facilities	■	■	■	■	■	■
• shipping routes	■	■	■	■	■	■
• railway platforms	■	■	■	■	■	■
• German Railways	■	■	■	■	■	■
• security						
• areas with video monitoring						
• security lighting for industry						
• airports						
minimised light immission						
Lighting technology						
• asym. extremely wide distribution			■			
• asym. wide distribution	■	■	■	■		■
• multiple adjustment reflector						
• asymmetric narrow					■ (MIDI)	
• asymmetric wide					■	
Special features						
• emergency socket		■				
• hot re-ignition						
• 'immediate light'						

	OOO LED 			OOO LED 	
SiSTELLAR® MAXI page 4.26	Streetlight 10 midi LED page 4.30	SQ 200 page 4.34	SR 100 SR 200 page 4.36	SiCOMPACT® A2 MINI LED MIDI LED page 4.40	SiCOMPACT® A2 MINI MIDI page 4.44
	■			■	
HST: 250/400W		HIT: 250/400W HST: 250/400W			
			HIT-DE: 250/400W HST-DE: 250/400W		HIT-DE: 250/400W HST-DE: 250/400W
			HIT-DE: 70/150W HST-DE: 70/150W		
IP44	IP66	IP66	IP65	IP66	IP66
II	II	II	I	II I	I
10...16m	6...10m	8...12m	6...12m		
				■	■
				■	■
■	■	■	■	■	■
■					
■					
	■	■	■	■	■
	■	■	■	■	■
	■	■	■	■	■
	■	■	■	■	■
					
	■	■	■	■	
■					■ (MIDI)
					■
		■	■		■
	■			■	



DL[®] 500

The most luminaire for railway platforms/tracks and shipping routes from the DL[®] 500 luminaire range fulfills the high demands of such special security applications due to high quality materials (luminaire housing of diecast aluminium), state-of-the-art lighting technology and highly precise optics.

DL[®] 500 ensures glare-free light distribution and high levels of illuminance via an efficient radial faceted reflector and optical enclosure of flat toughened safety glass that minimises stray light. The radial faceted reflector can be adjusted horizontally by simple pushing and emits extremely wide, asymmetric light distribution.

Despite its robust construction and high IP65 protection rating, the DL[®] 500 is easy to handle: The lamp cover is opened downwards by releasing two robust twist-lock catches. Access to the lamp compartment is then free. A further twist-lock catch secures the gear tray with lamp socket and lamp that can also be folded downwards. The mechanism cuts off the power supply; maintenance and control work as well as complete gear tray replacement can be carried out without danger.



Housing

Luminaire housing and mast mounting of diecast aluminium | all-round EPDM seal in housing profile | flat luminaire cover of toughened safety glass | opened without tools, can be hinged downwards | high quality, weather-resistant Siteco metallic grey coating (DB7025)

Insulation class: II | protection rating: IP65

Electrics

Cover opened without tools, can be hinged downwards; automatic all-pole power disconnection when hinged downwards | relamping without tools | all electric components on removable gear tray | connection via plug-in coupling

Lighting technology

Extremely wide distribution and high uniformity via highly efficient radial faceted optics | variable light-band deflection via adjustable optics | high levels of system efficiency via system-optimised light distribution and wide luminaire spacing | optical enclosure as flat cover (toughened safety glass) for minimised light immission

Recommended application

Especially suitable for glare-free lighting installations such as marshalling yards and shipping routes, approved for German Railway tracks



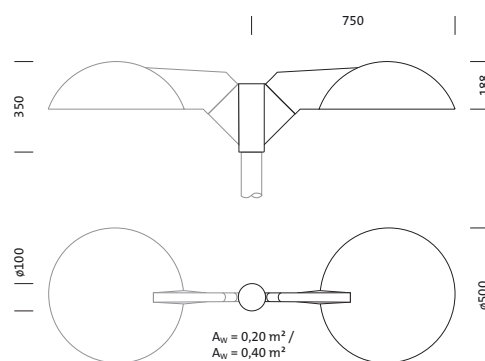
- + family character via two construction sizes with various lamp possibilities
- + efficient radial faceted optics for wide luminaire spacing with highly homogenous illuminance
- + flat cover panel for minimised light spill
- + tool-free relamping and gear tray replacement
- + all electric components mounted on removable gear tray; gear tray opened and hinged downwards without tools; automatic all-pole disconnection when hinged downwards
- + extremely weather-resistant coating



DL° 500 MIDI - M for marshalling yards and shipping routes | for post-top mounting | with radial faceted optics | with cover panel | with LLCG

DL° 500 MIDI-M mast luminaire for post-top mounting | with radial faceted optics, asymmetric wide distribution; with flat cover | with LLCG, with parallel p.f. correction | housing and mast connection of diecast aluminium, Siteco® metallic grey (DB 7025); cover of toughened safety glass (ESG)

Protection rating: IP65
 Insulation class: II
 Mast spigot: $d_a = 76 \times 100\text{mm}$ (with reducer: $d_a = 60\text{mm}$)
 Recommended mounting height: MH= 4..6m
 (Mast mounting for 2-fold or 3-fold arrangement on request)

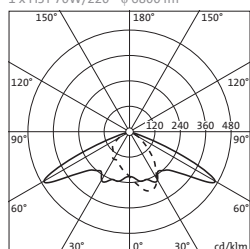


Lamps	Socket	Wt. (kg)	Order No.
1-arm, with LLCG w. th. prot., p.f. corr.			
1x HST 50W ⁴⁾	E27	12.1	5NA247E1JT0MS08B
1x HST 70W ⁴⁾	E27	12.1	5NA247E1MT0MS08B

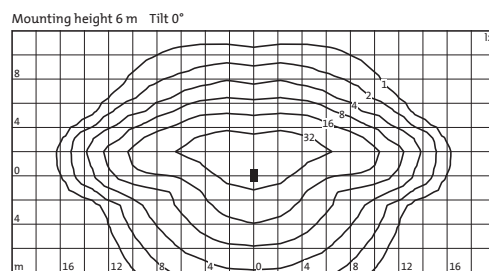
Lamps	Socket	Wt. (kg)	Order No.
2-arm, with LLCG w. th. prot., p.f. corr.			
2x 1x HST 50W ⁴⁾	E27	29.0	5NA247E1JT0MS08M2B
2x 1x HST 70W ⁴⁾	E27	29.0	5NA247E1MT0MS08M2B

⁴⁾ control gear with 2x power tapping 50/70W
 - please order mast reducer separately if required

5NA247E1MT0MS08B
 1 x HST 70W/220 ϕ 6800 lm



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





DL° 500 MAXI - M for marshalling yards and shipping routes | for post-top mounting | with radial faceted optics | with cover panel | with LLCG

DL° 500 MAXI-M mast luminaire for post-top mounting | with radial faceted optics, asymmetric wide distribution; with flat cover | with LLCG, with parallel p.f. correction | housing and mast connection of diecast aluminium, Siteco® metallic grey (DB 702S); cover of toughened safety glass (ESG)

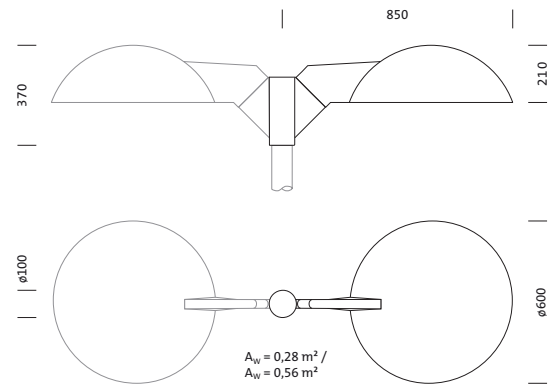
Protection rating: IP65

Insulation class: II

Mast spigot: $d_a = 76 \times 100\text{mm}$ (with reducer: $d_a = 60\text{mm}$)

Recommended mounting height: MH= 6..8m

(Mast mounting for 2-fold or 3-fold arrangement on request)

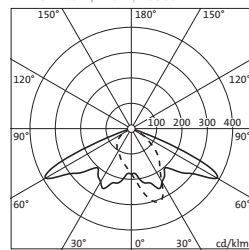


Lamps	Socket	Wt. (kg)	Order No.
1-arm, with LLCG w. th. prot., p.f. corr.			
1x HST 100W	E40	16.0	5NA246E1NTOMS08B
1x HST 150W	E40	16.0	5NA246E1PTOMS08B

Lamps	Socket	Wt. (kg)	Order No.
2-arm, with LLCG w. th. prot., p.f. corr.			
2x 1x HST 100W	E40	35.9	5NA246E1NTOMS08M2B
2x 1x HST 150W	E40	35.9	5NA246E1PTOMS08M2B

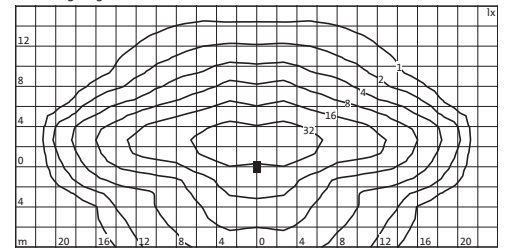
- please order mast reducer separately if required

5NA246E1NTOMS08B
1 x HST 100W/220 ϕ 10500 lm



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

Mounting height 8 m Tilt 0°





DL° 500 MAXI - M for marshalling yards and shipping routes | for post-top mounting | with radial faceted optics | with cover panel | with LLCG and E27 emergency socket

DL° 500 MAXI-M mast luminaire for post-top mounting | with radial faceted optics, asymmetric wide distribution; with flat cover | with LLCG, with parallel p.f. correction; additionally with E27 emergency socket | housing and mast connection of diecast aluminium, Siteco® metallic grey (DB 702S); cover of toughened safety glass (ESG)

Protection rating: IP65

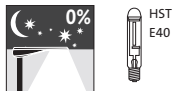
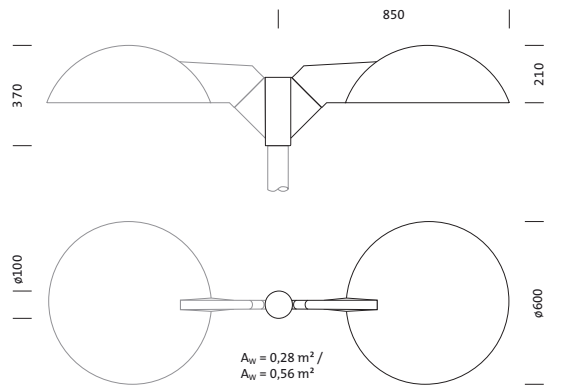
Insulation class: II

Mast spigot: $d_a = 76 \times 100\text{mm}$ (with reducer: $d_a = 60\text{mm}$)

Recommended mounting height: MH= 6..8m
(with mast connection for single or twin arrangement)

Electrical

Luminaire wired ready for connection, with 2x 3-pole terminal (3-pole for normal mains supply + 3-pole for emergency light socket), 2.5mm² | with LLCG, parallel p.f. corrected; additionally with E27 emergency socket
- a separate circuit with on-site energy supply is required for the emergency lamp socket | ON/OFF for emergency lamp socket possible with on-site installation



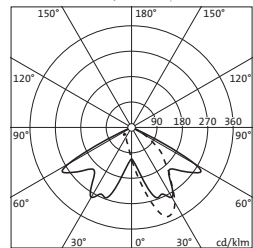
Lamps	Socket	Wt. (kg)	Order No.
1-arm, with LLCG w. th. prot., p.f. corr.			
1x HST 100W	E40	20.4	5NA246E3NTOMS08B
1x HST 150W	E40	20.6	5NA246E3PTOMS08B

Lamps	Socket	Wt. (kg)	Order No.
2-arm, with LLCG w. th. prot., p.f. corr.			
2x 1x HST 100W	E40	41.5	5NA246E3NTOMS08M2B
2x 1x HST 150W	E40	41.9	5NA246E3PTOMS08M2B

- please order mast reducer separately if required

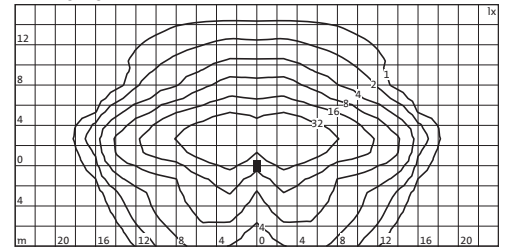
5NA246E3NTOMS08B

1 x HST-MF 100W/220 LL ϕ 10700 lm



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

Mounting height 8 m Tilt 0°



DL® 500 ... -M mounting accessories

**Reducer for post top mounting**

for mounting DL® 500 ... -M luminaire
to mast with spigot size $d_a = 60\text{mm}$
(post top) | reducer of diecast
aluminium

Type

Wt. (kg)

Order no.

Reducer

Spigot size 76/60mm for DL® 500 ... -M

1.3

5NA24600XR

**Mounting information for post top mounting****Single arrangement for DL® 500 ... -M**

Mast spigot: $d_a \times l = 76 \times 100\text{mm}$ (luminaire mounting possible **without** reducer)
 $d_a \times l = 60 \times 100\text{mm}$ (luminaire mounting only possible **with** reducer)

Multiple arrangement for DL® 500 ... -M

Mast spigot: $d_a \times l = 76 \times 190\text{mm}$ (luminaire mounting possible **without** reducer)

DL® 500 spare parts

Optical enclosure (not shown)

flat cover panel
of toughened safety glass,
partly screenprinted

Type

Wt. (kg)

Order no.

Cover panel for

DL® 500 MIDI

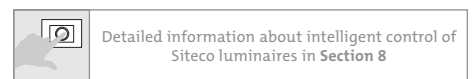
1.0

5NA24700XG

DL® 500 MAXI

1.2

5NA24600XG



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



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

SR luminaires

The SR 50 and SR 100 for railway platforms/tracks and shipping routes from the SR most luminaire range with their state-of-the-art lighting technology and highly precise optics fulfill the high demands of special security applications. Glare-free light, high illuminance levels and good colour rendering and contrast are required. Such tasks are solved by the SR luminaires with high light yield lamp configurations and a flat cover panel as optical enclosure, designed for extremely low emission of stray light.

The luminaires emit wide, asymmetric, glare-free light distribution via a radial faceted reflector that optimally resolves the light point and that can be adjusted horizontally by simple pushing.

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 cover panel can be opened downwards by rotating the catch through 180 degrees. Access to the lamp compartment is then free. 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.

- + radial faceted optics (for T and E lamps)
- + inclination adjustment of 0°, 3°, 8°, 15° for a wide application range
- + IP65 protection
- + high quality sealing system with air-permeable membrane for optimal pressure equalisation
- + electrical unit replaced without tools



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 | with LLCG, parallel p.f. corrected

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 via system-optimised light distribution and wide luminaire spacing | optical enclosure as flat cover (toughened safety glass) for minimised light immission | SR 50 asymmetric extremely wide distribution via cycle path optics

Recommended application

Especially suitable for glare-free lighting installations such as marshalling yards, railway platforms and shipping routes; approved for German Railway tracks

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 cover 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



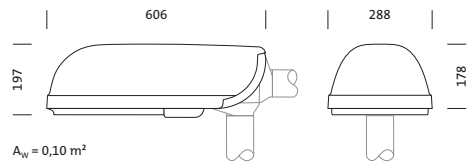
Versions of this luminaire for security protection are specified from page 36

Further luminaires from this product family are specified in Section 3

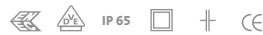


SR 50 for marshalling yards and shipping routes | with radial faceted optics | with cover panel | with LLCG

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 LLCG, with parallel p.f. correction | 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)

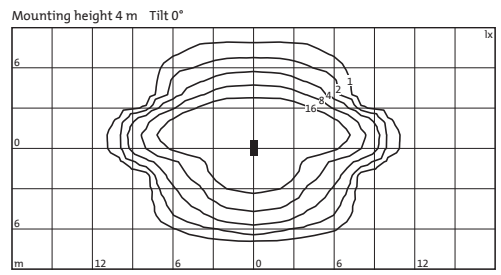
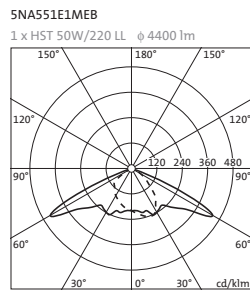


Lamps	Socket	Wt. (kg)	Order No.
radial faceted optic, with LLCG w. th. prot., p.f. corr.			
1x HST HSE 50W ⁴⁾	E27	9.0	5NA551E1MEB
1x HSE 100W	E40	8.2	5NA551E1NEB

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

Mandatory accessories (for details see page 4.16)

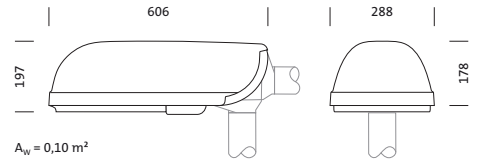
Article	Wt. (kg)	Order No.
mast flange, light grey (RAL 7035), aluminium, spigot size: 42mm	0.6	5NA55100XM4
mast flange, light grey (RAL 7035), aluminium, spigot size: 48mm	0.5	5NA55100XM3
mast flange, light grey (RAL 7035), aluminium, spigot size: 60mm	0.6	5NA55100XM2
mast flange, light grey (RAL 7035), 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 for marshalling yards and shipping routes | extremely wide distribution for railway platforms | with cover panel | with LLCG

SR 50 mast luminaire for post-top or side-entry mounting via mast flange | reflector unit with cycle path optics, asymmetric extremely wide distribution; with flat cover | with LLCG, with parallel p.f. correction | 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	Wt. (kg)	Order No.
1x HST 50W ⁴⁾	E27	8.0	5NA551E1MRB

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

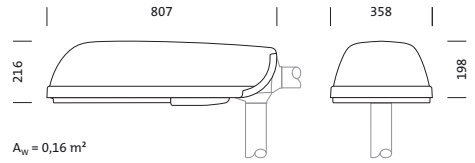
Mandatory accessories (for details see page 4.16)

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 for marshalling yards and shipping routes | with radial faceted optics | with cover panel | with LLCG

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 LLCG, with parallel p.f. correction | 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: $d_a = 76 \times 130\text{mm}$ (luminaire with manufacturer-fitted mast flange for spigot size $d_a = 76\text{mm}^*$, set to luminaire inclination 0° | luminaire can be mounted via mast spigot at inclination angles of $0^\circ, 3^\circ, 8^\circ$ or 15°)

* for mast spigot diameter $d_a = 42/48/60 \times 100\text{mm}$ (post top or side-entry mounting) please order suitable mast flange separately

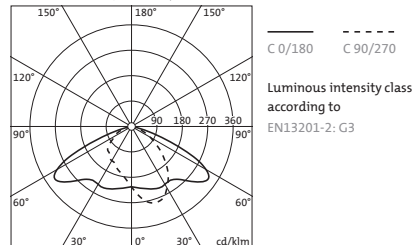


Lamps	Socket	Wt. (kg)	Order No.
with LLCG w. th. prot., p.f. corr.			
1x HSE 70W	E27	11.0	5NA552E1MEB7
1x HSE 100W	E40	15.9	5NA552E1NEB7
1x HSE 150W	E40	12.5	5NA552E1PEB7
1x HSE 250W	E40	12.7	5NA552E1SEB7

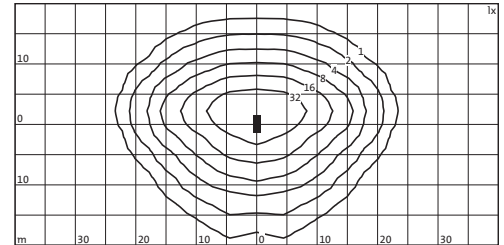
Accessories (for details see page 4.16)

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
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

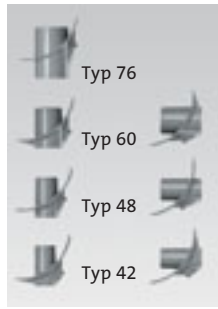
5NA552E1PEB7
1 x HSE-MF 150W/220 LL ϕ 17000 lm



Mounting height 8 m Tilt 0°



SR luminaires 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 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

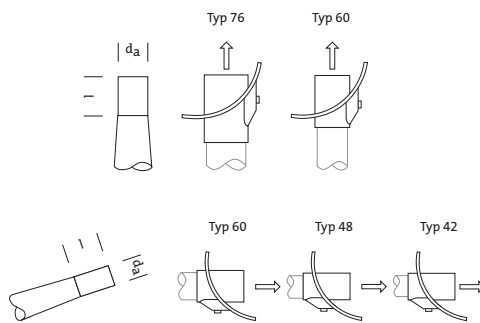
5NA55100XM3

 $d_a = 42\text{mm}$

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 spare parts



Optical enclosure flat cover panel, with frame

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

Type

Wt. (kg)

Order no.

Cover panel, toughened safety glass

for SR 50

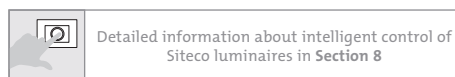
1.1

5NA55100XG

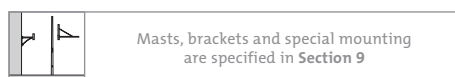
for SR 100

1.6

5NA55200XG



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



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



SiCOMPACT® A2 MINI | ... MIDI

The asymmetric distribution floodlights for railway platforms/tracks and shipping routes from the SiCOMPACT® A2 luminaire range with its state-of-the-art lighting technology and highly precise optics fulfills the high demands of special security applications. Glare-free light, high illuminance levels and good colour rendering and contrast are required. Such tasks are solved by the SiCOMPACT® A2 floodlights with high light yield lamp configurations and a flat cover glass as optical enclosure for minimisation of stray light.

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. A highly specular anodised aluminium reflector ensures efficient light distribution. The floodlights 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; mounting bracket 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, adjustment in 5° increments, with twist protection | pressure equalisation system with air-permeable membrane for condensation avoidance in housing
Insulation class II | 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 and ignitor, parallel power-factor corrected; all electrical components integrated in luminaire housing

Lighting technology

Asymmetric light distribution, no light spill to upper hemisphere with horizontal alignment of light emission surface (light immission < 3%) | versions with mounting bracket for precise adjustment of floodlight and precise limiting of the illuminated area with simple adjustment, adjustment in 5° increments

- SiCOMPACT® A2 MINI with wide characteristic
- SiCOMPACT® A2 MIDI with narrow or wide characteristic

Recommended application

Especially suitable for glare-free lighting installations such as marshalling yards and shipping routes, approved for German Railway tracks

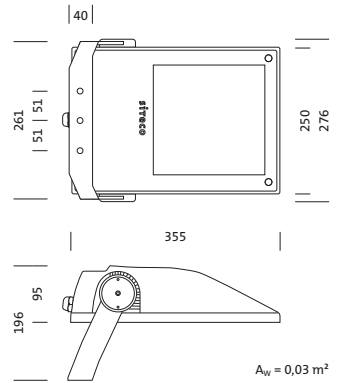


- + no light spill: light immission < 3% with horizontal mounting
- + versatile mounting: versions with mounting bracket and mast connection
- + luminaire family in uniform design and three construction sizes
- + Siteco® Savelight components for greater safety, higher energy savings, longer lamp service life and less maintenance costs
- + flat luminaire cover of safety glass with all-round silicone sealing; IP66 protection (MINI, MIDI)
- + pressure equalisation system with air-permeable membrane for condensation avoidance in the housing
- + low windage area: $A_w = 0.08\text{m}^2$ (MINI); 0.10m^2 (MIDI)
- + protection against twisting with integrated latticing, simple adjustment of floodlight in 5° increments



SiCOMPACT® A2 MINI for marshalling yards and shipping routes | asymmetric wide | with mounting bracket

SiCOMPACT® A2 MINI floodlight with mounting bracket for mounting to mast via cross-arm or supporting structure | with aluminium reflector, highly specular, asymmetric wide; with transparent cover; with horizontal alignment especially suitable for glare-free lighting installations | LLCG, parallel p.f. correction | housing of diecast aluminium; bracket of galvanised steel; housing and bracket in Siteco® metallic grey (DB 702S); cover of toughened safety glass (ESG)



Protection rating: IP66
Insulation class: II
(adjustment range: 10..350°)



Lamps	Socket	Wt. (kg)	diffuse Order No.
with integrated CG, with integrated ign. (with automatic power disconnection)			
1x HIT-DE HST-DE 70W	RX7s	4.1	5NA757E1NS02B
1x HIT-DE HST-DE 150W	RX7s	6.1	5NA757E1PS02B

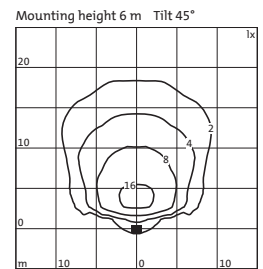
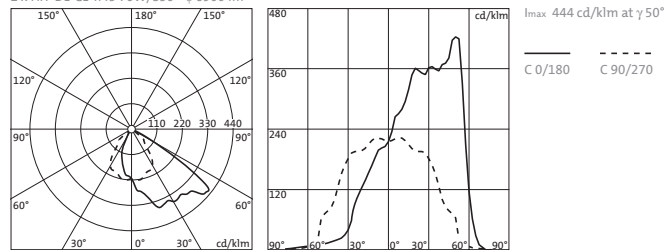
- please order cross-arm separately if required

Mandatory accessories (for details see page 4.23)

Article	Wt. (kg)	Order No.
visor, black	0.6	5NA75700XB

5NA757E1NS02B + 5NA75700XB

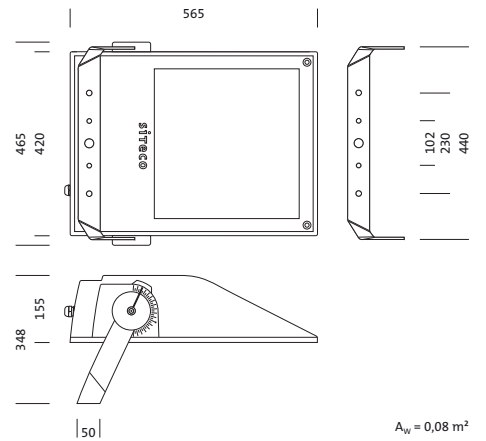
1 x HIT-DE-CE-h45 70W/830 ϕ 6900 lm





SiCOMPACT® A2 MIDI for marshalling yards and shipping routes | asymmetric narrow or wide | with mounting bracket

SiCOMPACT® A2 MIDI floodlight with mounting bracket for mounting to mast via cross-arm or supporting structure | with aluminium reflector, highly specular, asymmetric wide; with transparent cover; with horizontal alignment especially suitable for glare-free lighting installations | with LLCG, with parallel p.f. correction | housing of diecast aluminium; bracket of galvanised steel; housing and bracket in Siteco® metallic grey (DB 702S); cover of toughened safety glass (ESG)



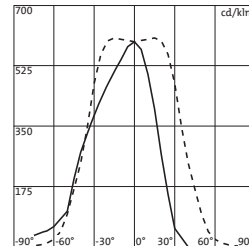
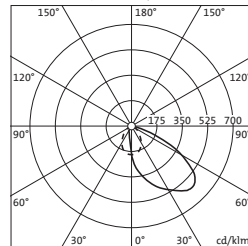
Protection rating: IP66
Insulation class: II
(adjustment range: 10..350°)



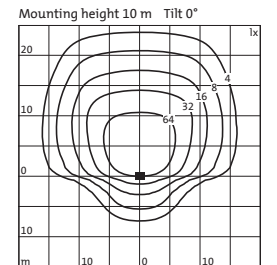
Lamps	Socket	Wt. (kg)	diffuse Order No.
with integrated CG, with integrated ign. (with automatic power disconnection)			
1x HIT HST 250W	E40	16.2	5NA758E1SS01B
1x HIT HST 400W	E40	16.9	5NA758E1TS01B
1x HST 150W	E40	18.3	5NA758E1PS01B

- please order cross-arm separately if required
- version for HIT 400W: not suitable for OSRAM HQI-T 400W lamps; approved alternative OSRAM HQI-BT 400W

5NA758E1SS01B
1 x HST 250W/220 LL ϕ 33200 lm



I_{max} 606 cd/klm Tilt 45°
A 0 (C 0/180) B 0

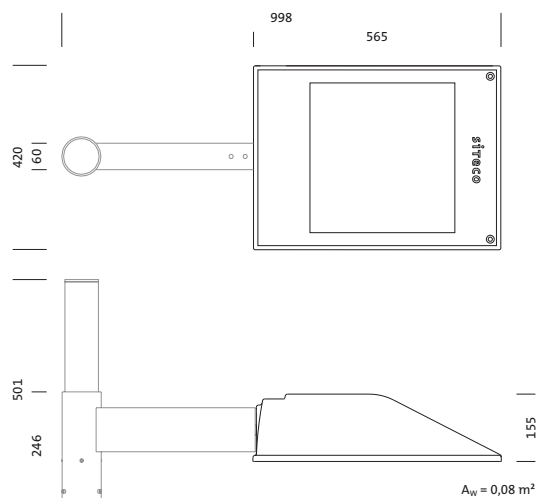




SiCOMPACT® A2 MIDI for marshalling yards and shipping routes | asymmetric narrow or wide | for mast bracket, fixing at rear

SiCOMPACT® A2 MIDI floodlight 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



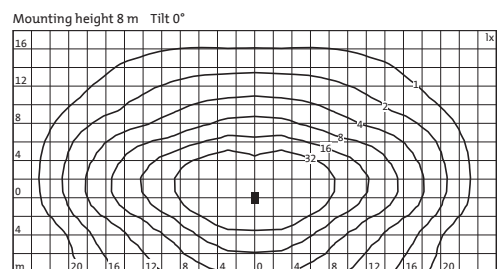
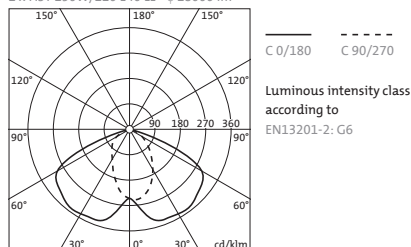
Lamps	Socket	Wt. (kg)	wide spread Order No.
with integrated CG, with integrated ign. (with automatic power disconnection)			
1x HST 70W	E27	13.2	5NA750E1MT21B
1x HST 100W	E40	13.2	5NA750E1NT21B
1x HST 150W	E40	12.0	5NA750E1PT21B
1x HST 250W	E40	13.7	5NA750E1ST21B

- please order mast bracket separately

Mandatory accessories (for details see page 4.24)

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

5NA750E1PT21B
 1 x HST 150W/220 E40 LL ϕ 18000 lm



SiCOMPACT® A2 MINI | ... A2 MIDI optical accessories

**Visor**

for glare limitation when viewed from side | stainless steel, coated black (RAL 9005, matt)

Type

Visor

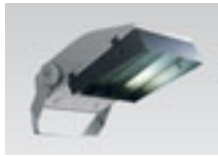
Order no.

for SiCOMPACT® A2 MINI

5NA75700XB

for SiCOMPACT® A2 MIDI

5NA75800XB

**Louvre shielding**

for glare limitation when viewed from side | stainless steel, coated black (RAL 9005, matt)

Type

Louvre shielding

Order no.

for SiCOMPACT® A2 MINI

5NA75700XL

for SiCOMPACT® A2 MIDI

5NA75800XL

SiCOMPACT® A2 MINI | ... A2 MIDI housing accessories

Protective grid (not shown)

Steel, galvanised and coated, metallic grey (RAL 9006) | mesh width 47 x 22mm; steel mesh: d= 3mm

Type

Protective grid

Order no.

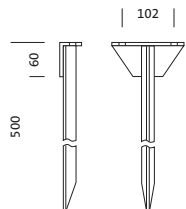
for SiCOMPACT® A2 MINI

5NA75700XD

for SiCOMPACT® A2 MIDI

5NA75800XD

SiCOMPACT® A2 MINI | ... MIDI mounting accessories

**Ground stake**

Steel, galvanised

Type

Ground stake

Order no.

for SiCOMPACT® A2 MINI | ... A2 MIDI

5NA75700ES

**V4A bracket**

for replacing standard mounting bracket | V4A, uncoated

Type

V4A bracket

Order no.

for SiCOMPACT® A2 MINI

5NA75700EB00

for SiCOMPACT® A2 MIDI

5NA75800EB00

**Straight bracket**

for replacing standard mounting bracket | steel, galvanised and coated, Siteco® metallic grey (DB 7025)

Type

Straight bracket

Order no.

for SiCOMPACT® A2 MINI

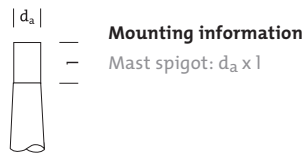
5NA75701X08

SiCOMPACT® A2 MINI | ... MIDI mounting accessories



**Mast bracket,
for luminaire with rear housing
connection**

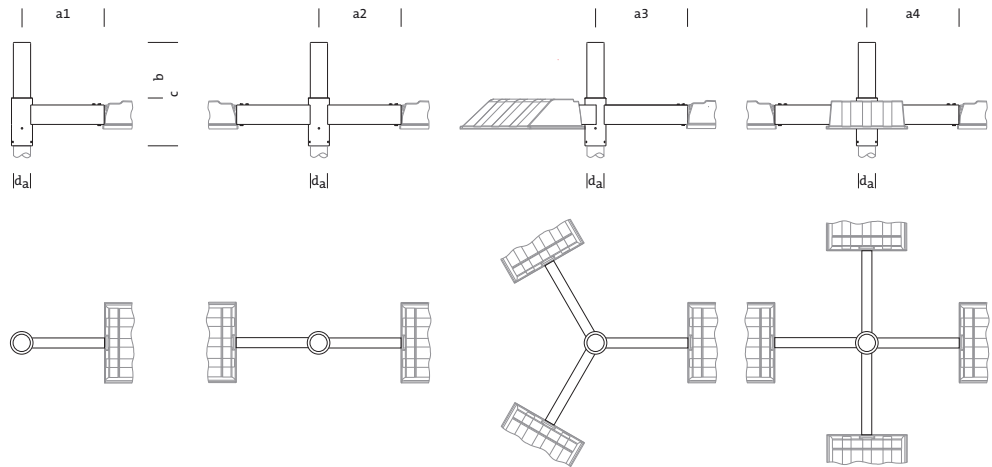
mast mounting element with single or multiple bracket | steel, galvanised and coated, Siteco® metallic grey (DB 702S) | with 5NY75701XA ...: bracket of aluminium



Type	Mast spigot, $d_a \times l$ (mm)	Wt. (kg)	Order no.
Mast bracket for SiCOMPACT® A2 MINI			
Single bracket	76 x 100	4.1	5NY75701XA2108
Twin bracket	76 x 110	6.4	5NY75702XA2108
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



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



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



Wall adapter

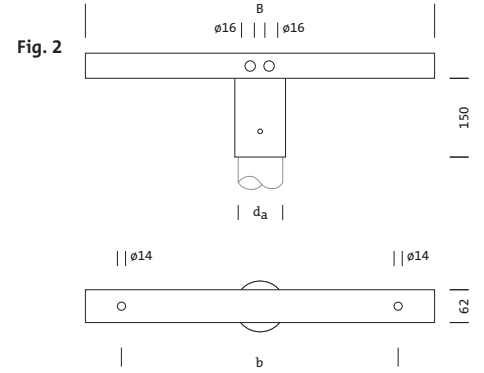
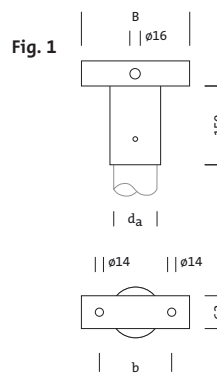
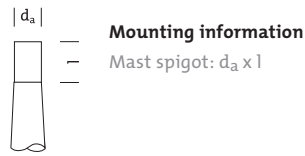
Wall flange, cover and adapter of steel, galvanised and coated, Siteco® metallic grey (DB 702S) | wall flange via supplementary cover without visible screws

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

SiCOMPACT® A2 MINI | ...A2 MIDI cross arms

Cross-arm

for mounting floodlights with mounting bracket | galvanised steel



Type	Fig.	B (mm)	b (mm)	Mast spigot: $d_a \times l$ (mm)	Wt. (kg)	Order no.
Cross arm for SiCOMPACT® A2 MINI						
Single cross arm	1	200	102	60 x 150	2.4	5NY74701XA01
Single cross arm	1	200	102	76 x 150	2.6	5NY74701XA11
Single cross arm	1	200	102	89 x 150	2.8	5NY74701XA21
Twin cross arm	2	410	290	76 x 150	3.9	5NY74702XA11
Twin cross arm	2	410	290	89 x 150	4.0	5NY74702XA21
Cross arm for SiCOMPACT® A2 MIDI						
Single cross arm	1	200	102	76 x 150	2.6	5NY74701XA11
Single cross arm	1	200	102	89 x 150	2.8	5NY74701XA21
Twin cross arm	2	660	520	76 x 150	4.4	5NY74802XA11
Twin cross arm	2	660	520	89 x 150	4.7	5NY74802XA21

• Cross arm suitable for floodlights with max. weight: $m_{max} = 1 \times 26\text{kg}$ or $2 \times 26\text{kg}$ (please also observe the statics and permissible load limitation of the mast)

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

Optical enclosure (not shown)

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

Type	Order no.
Cover panel	
for SiCOMPACT® A2 MINI	5NA75700XG08
for SiCOMPACT® A2 MIDI	5NA75800XG08
for SiCOMPACT® A2 MIDI (for 5NA750...)	5NA75200XG08

SiSTELLAR® MAXI

The SiSTELLAR® MAXI for railway platforms/tracks and shipping routes from the SiSTELLAR® luminaire range with its state-of-the-art lighting technology and highly precise optics fulfills the high demands of special security applications. Glare-free light, high illuminance levels and good colour rendering and contrast are required. Such tasks are solved by the SiSTELLAR® MAXI with high light yield lamp configurations and a flat cover glass for low emission of stray light.

The SiSTELLAR® MAXI mast luminaire enables mounting heights of 10 to 16 m, thus illuminating especially wide areas, and as a lighting system enables wide luminaire spacing. In addition the 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 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 light distribution characteristics 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: II | protection rating: IP 44

Electrics

Luminaire wired ready for connection | with 4-pole terminal, max. 2.5mm² | lamps configured in 3 switching groups | electrical control components on central mounting frame, access from above via central canopy element | tool-free relamping

Lighting technology

SiVARIABLE 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; approved for German Railways tracks
- harbour facilities
- container terminals, loading bays
- industrial facilities

Further luminaires from this product family are specified in **Section 3**



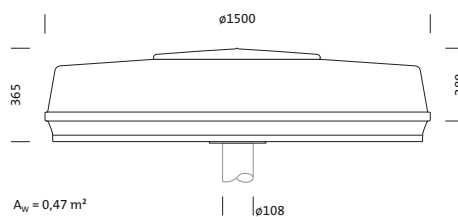
- + large-area luminaire for high mounting heights
- + adjustable SiVARIABLE reflector technology for individually settable light distribution patterns
- + central supporting frame for mast mounting





SiSTELLAR® MAXI for marshalling yards and shipping routes | with adjustable mirror system | with flat cover

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



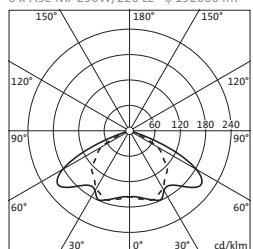
Protection rating: IP44
 Insulation class: II
 Mast spigot: $d_a = 108 \times 280\text{mm}$
 Recommended mounting height: MH= 10..16m

IP 44 □ † ⚡ CE

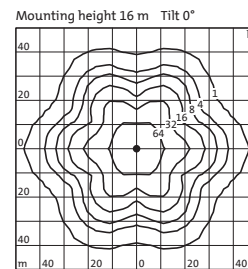


Lamps	Socket	Wt. (kg)	Order No.
with LLCG w. th. prot., p.f. corr.			
6x HST 400W	E40	104.4	5NA650E6V
6x HSE 250W	E40	100.2	5NA650E6U

5NA650E6U
 6 x HSE-MF 250W/220 LL ϕ 192000 lm



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



SiSTELLAR® mounting accessories



Suction pad
for removing segment disks

Type
Suction pad

Order no.
5LJ48400XJ

SiSTELLAR® mounting information



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

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)

Streetlight 10 midi LED

The Streetlight 10 midi LED security luminaire with state-of-the-art lighting technology fulfills the stringent demands of security applications.

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. With the specific characteristic of LED technology to supply complete luminous flux both directly after switching on and also following repeated switching on, efficient lighting without warm-up time is ensured.

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.



- + 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 version) 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 simply 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
- + immediate luminous flux without start-up time



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 (DB702S) | insulation class: II | protection rating: IP66

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

Plus performance package: 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 luminaire with the Siteco® Service Box and integration into 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)


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

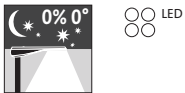
Recommended application

Especially suitable for glare-free lighting installations:

- airports
- expressways
- areas with video monitoring
- installations with security protection
- security lighting for industrial facilities

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

Further luminaires from this product family are specified in **Section 3**



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

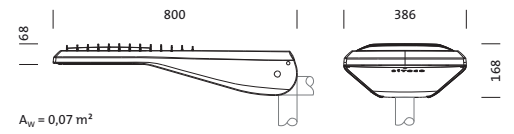
Mast spigot with side-entry mounting: $d_a = 42/60 \times 100\text{mm}$

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



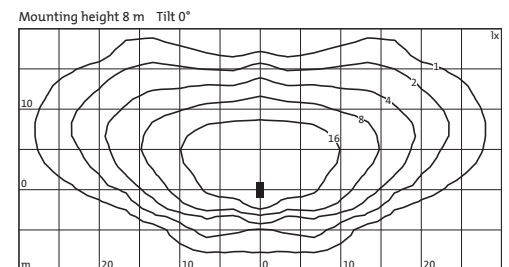
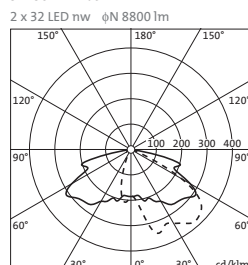
Lamps	P _{nom} begin service life	P _{nom} end service life	P _{red} at 50% lumin. flux	Wt. (kg)	Order No.
with ECG Basic					
2x LED module nw	159	159	64	11.4	5XA5821A1A08
with ECG Plus					
2x LED module nw	111	159	62	11.4	5XA5821A1B08
with ECG Premium, with luminaire controller					
2x LED module 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 (for details see page 4.32 f.)

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
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

5XA5821A1B08



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

Streetlight 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	
Cable set for mast, L= 6.0m	5EA6Y00L08
Cable set for mast, L= 7.0m	5EA6Y00L07
Cable set for mast, L= 8.0m	5EA6Y00L09
Cable set for mast, L= 10.0m	5EA6Y00L10

Streetlight 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

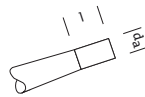

 $d_a = 60\text{mm}$

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


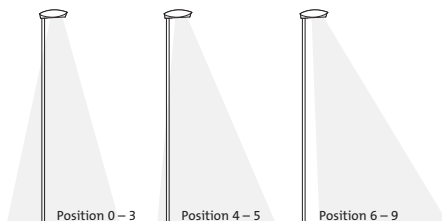
Detailed information about intelligent control of Siteco luminaires in **Section 8**



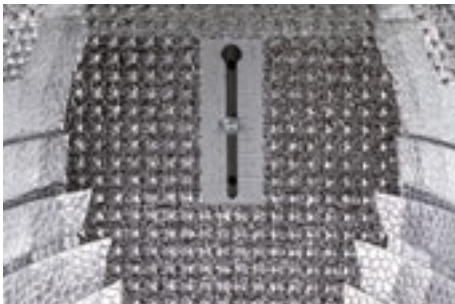
Masts, brackets and special mounting are specified in **Section 9**

SQ 200

- + high quality, durable housing material of diecast aluminium
- + safe IP 66 protection rating for lamp compartment and control gear compartment
- + high quality 4-level sealing system with air-permeable membrane for optimal pressure equalisation
- + convenient one-hand lever catch
- + future-safe Vario gear tray technology
- + universal fixing system via pivotable mast clamping plate



Reflector setting enables light distribution to be optimally adapted to the lighting task.



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 RAL 9006, canopy 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 inline mast spigot with side-entry mounting | pressure equalisation system with air-permeable membrane for condensation avoidance in housing | insulation class: I | 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

The SQ 200 security luminaires from the SQ mast luminaire range with their state-of-the-art lighting technology and highly precise optics fulfill the high demands of security applications. For this purpose the luminaires are equipped with a high voltage ignition unit for re-ignition of the hot lamp following power interruption (re-ignition time < 0.2 seconds). This ensures that camera-surveyed security areas can be illuminated and filmed without interruption. This task requires good, glare-free light distribution and a high level of vertical illuminance. The SQ luminaires solve this task with high light yield HIT or HST lamps and an optical enclosure in the form of a flat cover panel that minimises stray light. The luminaire emits wide, asymmetric, glare-free light distribution via a radial faceted reflector that optimally resolves the light point and that can be adjusted horizontally by simple pushing.

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 without the need for tools. this exposes the gear tray with lamp socket and lamp. The mechanism cuts off the power supply; maintenance and control work as well as complete gear tray replacement can be carried out without danger.



disconnection | relamping without tools | all electric components on removable gear tray; connection via plug-in coupling | luminaires wired ready for connection, with 3-pole terminal, max. 2.5mm² | with LLCG, power factor-corrected, and ignition device for instant hot re-ignition

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

Recommended application

especially suitable for glare-free lighting installations:

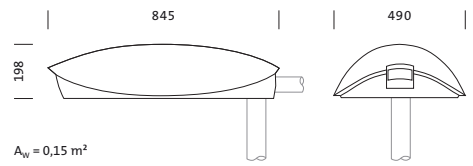
- airports
- expressways
- areas with video monitoring
- installations with security protection
- security lighting for industrial facilities

Further luminaires from this product family are specified in Section 3



SQ 200 security luminaire | with radial facetted optics | with flat cover disc | with LLCG and instant hot re-ignition

SQ 200 mast luminaire for post-top or side-entry mounting | with radial facetted optics, asymmetric wide distribution; with flat cover | with power factor corrected LLCG and high voltage ignition unit for hot re-ignition | 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: I

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

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

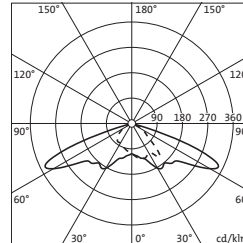
Recommended mounting height: MH= 8..12m

IP 66

Lamps	Socket	Wt. (kg)	Order No.
with LLCG w. th. prot., p.f. corr.			
1x HIT-DE 250W	Fc2	16.9	5NA55981ST0B236
1x HIT-DE 400W	Fc2	18.8	5NA55981TT0B236
1x HST-DE 250W	Fc2	17.0	5NA55971ST0B236
1x HST-DE 400W	Fc2	19.0	5NA55971TT0B236

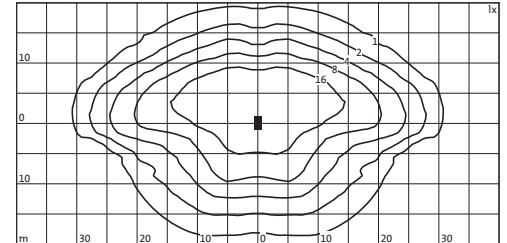
5NA55971ST0B236

1 x HST-DE-h45 250W/220 ϕ 25500 lm



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

Mounting height 10 m Tilt 0°



SQ 200 spare parts

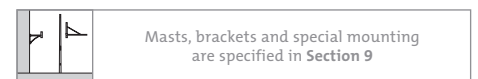
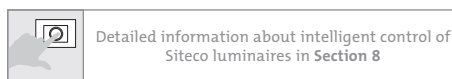


Optical enclosure
flat cover panel
 toughened safety glass

Type	Wt. (kg)	Order no.
Flat cover panel, toughened safety glass for SQ 200	1.6	5NA55900XG

Ignitor components (not shown) for instant hot re-ignition
 bi-component device consisting of ignitor and control unit | only as replacement for luminaires already equipped with instant hot re-ignition

Type	Wt. (kg)	Order no.
Ignitor component for instant hot re-ignition		
Ignitor		
HIT-DE 250/400W	0.8	5NZ41001ZEH
HST-DE 250/400W	0.8	5NZ41001ZEN
Control unit		
HIT-DE 250/400W	0.2	5NZ41001SEH
HST-DE 250/400W	0.2	5NZ41001SEN



SR luminaires

The SR 100 and SR 200 security luminaires from the SR mast luminaire range with their state-of-the-art lighting technology and highly precise optics fulfill the high demands of security applications. For this purpose the luminaires are equipped with a high voltage ignition unit for re-ignition of the hot lamp following power interruption (re-ignition time < 0.2 seconds). This ensures that camera-surveyed security areas can be illuminated and filmed without interruption. This task requires good, glare-free light distribution and a high level of vertical illuminance. The SR luminaires solve this task with high light yield HIT or HST lamps and an optical enclosure in the form of a flat cover panel that minimises stray light. The luminaire emits wide, asymmetric, glare-free light distribution via a radial faceted reflector that optimally resolves the light point and that can be adjusted horizontally by simple pushing. 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 and gear tray. The cover panel can be opened 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. The mechanism cuts off the power supply; maintenance and control work as well as tool-free gear tray replacement can be carried out without danger.

- + 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 ratio
- + electrical unit replaced without tools
- + central rotary catch
- + adjustable inclination (0°, 3°, 8°, 15°)



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 I | 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 3-pole terminal, max. 2.5mm² | with LLCG, parallel p.f. corrected, and ignitor for instant hot re-ignition

Lighting technology

Wide light 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

Recommended application

- Especially suitable for glare-free lighting installations:
- airports
 - expressways
 - areas with video monitoring
 - installations with security protection
 - security lighting for industrial facilities



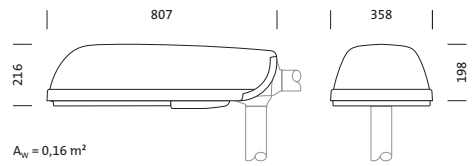
Versions of this luminaire for marshalling yards are specified from [page 12](#)

Further luminaires from this product family are specified in [Section 3](#)



SR 100 security luminaire | with radial facetted optics | with flat cover disc | with LLCG and instant hot re-ignition

SR 100 mast luminaire for post-top or side-entry mounting via mast flange | with radial facetted optics, asymmetric wide distribution; with flat cover | with power factor-corrected LLCG and high voltage ignition unit for hot re-ignition | 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: I

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)



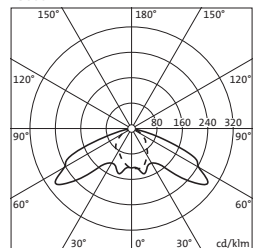
Lamps	Socket	Wt. (kg)	Order No.
with LLCG w. th. prot., p.f. corr.			
1x HIT-DE 150W	RX7s-24	13.5	5NA55281PT02
1x HIT-DE 250W	Fc2	13.8	5NA55281ST02
1x HIT-DE-CE HST-DE 70W ⁴⁾	RX7s	13.0	5NA55271MT02
1x HST-DE 150W	RX7s-24	13.5	5NA55271PT02

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

Mandatory accessories (for details see page 4.39)

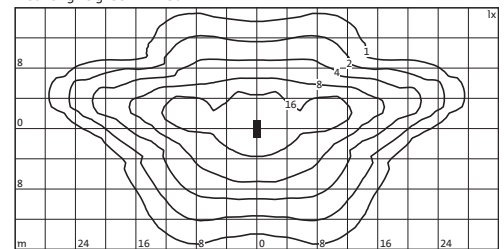
Article	Wt. (kg)	Order No.
mast flange, light grey (RAL 7035), aluminium, spigot size: 76mm	0.8	5NA55100XM1
mast flange, light grey (RAL 7035), aluminium, spigot size: 60mm	0.6	5NA55100XM2
mast flange, light grey (RAL 7035), aluminium, spigot size: 48mm	0.5	5NA55100XM3
mast flange, light grey (RAL 7035), aluminium, spigot size: 42mm	0.6	5NA55100XM4
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

5NA55271PT02
1 x HST-DE-MF-h45 150W/220 LL ϕ
15000 lm



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

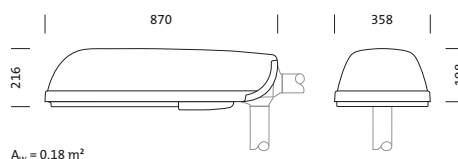
Mounting height 8 m Tilt 0°





SR 200 security luminaire | with radial faceted optics | with flat cover disc | with LLCG and instant hot re-ignition

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 power factor-corrected LLCG and high voltage ignition unit for hot re-ignition | 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: I

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 LLCG w. th. prot., p.f. corr.			
1x HIT-DE 250W	Fc2	14.0	5NA55381ST02
1x HIT-DE 400W	Fc2	14.5	5NA55381TT02
1x HST-DE 250W	Fc2	15.0	5NA55371ST02
1x HST-DE 400W	Fc2	14.5	5NA55371TT02

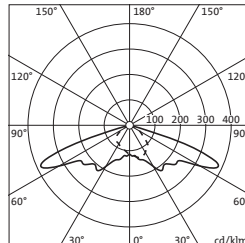
- please order mast flange according to spigot diameter separately

Mandatory accessories (for details see page 4.39)

Article	Wt. (kg)	Order No.
mast flange, light grey (RAL 7035), aluminium, spigot size: 76mm	0.8	5NA55100XM1
mast flange, light grey (RAL 7035), aluminium, spigot size: 60mm	0.6	5NA55100XM2
mast flange, light grey (RAL 7035), aluminium, spigot size: 48mm	0.5	5NA55100XM3
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

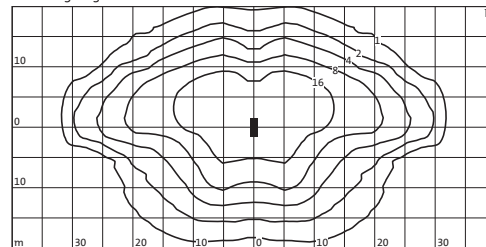
5NA55371ST02

1 x HST-DE-h45 250W/220 ϕ 25500 lm

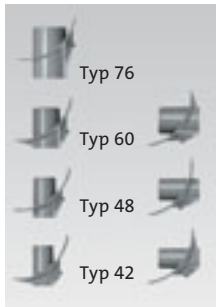


— C 0/180
- - - C 90/270
Luminous intensity class according to EN13201-2: G6

Mounting height 10 m Tilt 0°



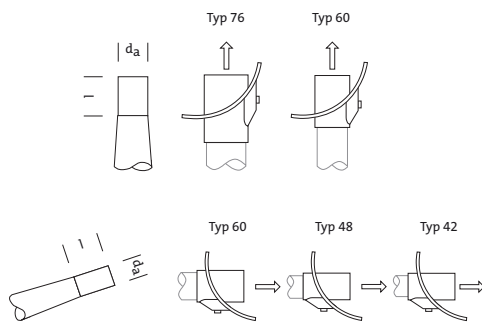
SR luminaires mounting accessories

**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 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 spare parts

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

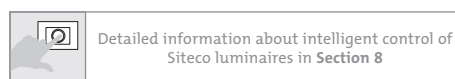
Frame of GRP, light grey (RAL 7035);
 cover of toughened safety glass

Type	Wt. (kg)	Order no.
Cover panel, toughened safety glass		
SR 100	1.6	5NA55200XG
SR 200	1.8	5NA55300XG

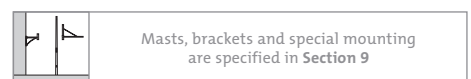
**Ignitor component (not shown)
for instant hot re-ignition**

bi-component device consisting of ignitor and control unit | only as replacement for luminaires already equipped with instant hot re-ignition

Type	Wt. (kg)	Order no.
Ignitor component for instant hot re-ignition		
Ignitor unit		
HIT-DE-CRI 70/150W	0.4	5NZ41001ZEN
HST-DE 70/150/250/400W	0.4	5NZ41001ZEN
HIT-DE 150/250/400W	0.8	5NZ41001ZEH
Control unit		
HST-DE 70/150/250/400W	0.2	5NZ41001SEN
HIT-DE 150/250/400W	0.2	5NZ41001SEH



Detailed information about intelligent control of Siteco luminaires in Section 8



Masts, brackets and special mounting are specified in Section 9

SiCOMPACT® A2 MINI LED | ... MIDI LED

The SiCOMPACT® A2 MINI LED | ... MIDI LED luminaires from the SiCOMPACT® floodlight family fulfill many security-related tasks thanks to state-of-the-art LED lighting technology. With the specific characteristic of LED technology to supply complete luminous flux already after milliseconds both directly after switching on and also following repeated switching on, efficient lighting without warm-up time is ensured, thus also ensuring uninterrupted video camera monitoring.

The floodlights 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 of galvanised steel; all parts coated in Siteco® metallic grey (DB 702S) | all-round silicone 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: I | 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 according to:

Basic performance package: with temperature monitoring for protection of LEDs from thermal overload | with power reduction via 230V control voltage | control signal: U₅₁= 230V → 100% luminous flux; U₅₁= 0V → 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
- areas with video monitoring
- installations with security protection



Versions for conventional lamps are specified from page 44

Further luminaires from this product family are specified in Sections 2 and 5



- + 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: $AW = 0.08\text{m}^2$ (with SiCOMPACT® A2 MINI LED) or $AW = 0.10\text{m}^2$ (with SiCOMPACT® A2 MIDI LED)
- + version with mounting bracket: protection against twisting with integrated latticing, simple adjustment of luminaire in 5° increments
- + immediate luminous flux without warm-up time



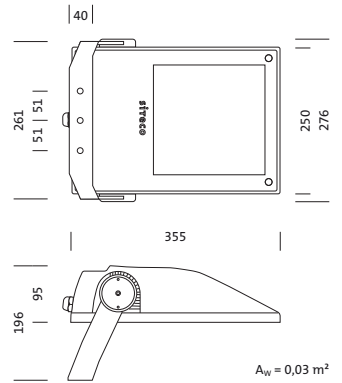
SiCOMPACT® A2 MINI LED | with mounting bracket

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 702S); cover of toughened safety glass (ESG)

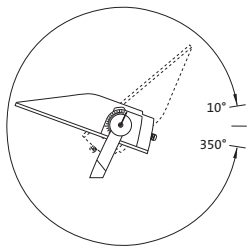
Protection rating: IP66
 Insulation class: II
 Adjustment range: 10..350° (indoor installations: 0..360°)

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

IP 66



A_w = 0,03 m²

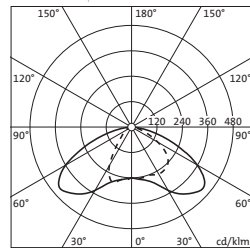


Lamps	Wt. (kg)	diffuse	Order No.
with ECG			
2x LED module nw	1.9		5XA7577LNA008

- please order cross-arm separately if required

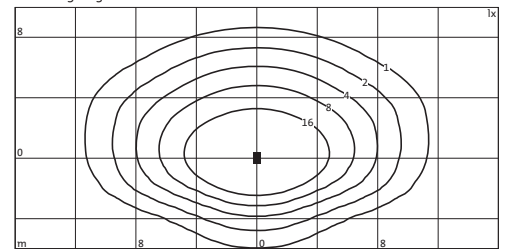
5XA7577LNA008

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°



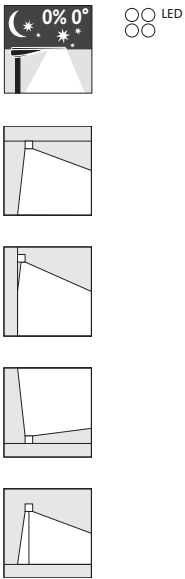
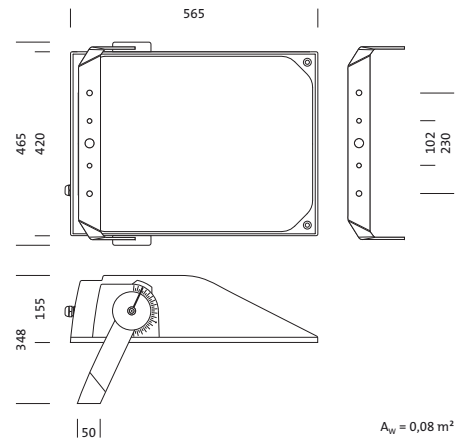


SiCOMPACT® A2 MIDI LED | with mounting bracket

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 702S); cover of toughened safety glass (ESG)

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

IP 66

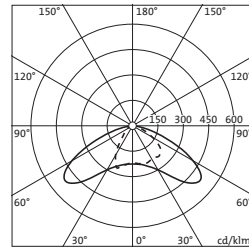


Lamps	Wt. (kg)	diffuse Order No.
3x LED module nw	13.0	5XA7587BNT008

- please order cross-arm separately if required

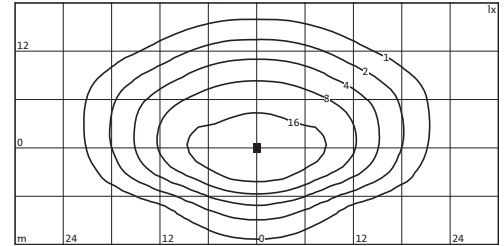
5XA7587BNT008

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 | ... A2 MIDI LED spare parts

Optical enclosure (not shown)

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

Type

Cover panel
 for SiCOMPACT® A2 MINI LED
 for SiCOMPACT® A2 MIDI LED

Order no.

5XA75700XG08
 5XA75800XG08

SiCOMPACT® A2 MINI | ... MIDI

The asymmetric distribution SiCOMPACT® A2 MINI | ... A2 MIDI luminaires from the SiCOMPACT® floodlight range with state-of-the-art lighting technology and precise optics fulfill many demands presented by security applications. 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. A highly specular anodised aluminium reflector ensures efficient light distribution with either narrow asymmetric (A2 MIDI) or wide asymmetric (A2 MINI, A2 MIDI) distribution. The floodlights can be precisely adjusted in 5° steps for exact illumination of the application area. Integral twist protection permanently fixes the luminaires.

High performance double-ended HIT or HST lamps can be used as light sources. All three construction sizes can be equipped with an ignitor for instant hot re-ignition, enabling the luminaire to be used for sports arenas and places of competition and also in high-security areas.

- + no light spill: light immission < 3% with horizontal mounting
- + versatile mounting: variations with mounting bracket, mast mounting and wall mounting
- + luminaire family in uniform design and three construction sizes
- + Siteco® Savelight components for greater safety, higher energy savings, longer lamp service life and less maintenance costs
- + flat luminaire cover of safety glass with all-round silicone sealing; IP66 protection (MINI, MIDI)
- + pressure equalisation system with air-permeable membrane for condensation avoidance in the housing
- + low windage area: $A_w = 0.08m^2$ (MINI); $0.10m^2$ (MIDI)
- + protection against twisting with integrated latticing, simple adjustment of floodlight in 5° increments
- + instant hot re-ignition



Housing

Housing of diecast aluminium; with side mounting bracket of galvanised steel; all parts coated in Siteco® metallic grey (DB 7025) | all-round silicone 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: 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, parallel power-factor corrected, and ignitor for instant hot re-ignition; LLCG in separate housing, with fixed wiring to floodlight, l= approx. 1.0m)


Lighting technology

Asymmetric light distribution, no light spill to upper hemisphere with horizontal alignment of light emission surface (light immission < 3%) | versions with mounting bracket for precise adjustment of floodlight and precise limiting of the illuminated area with simple adjustment, adjustment in 5° increments

- SiCOMPACT® A2 MINI with wide characteristic
- SiCOMPACT® A2 MIDI with narrow or wide characteristic

Recommended application

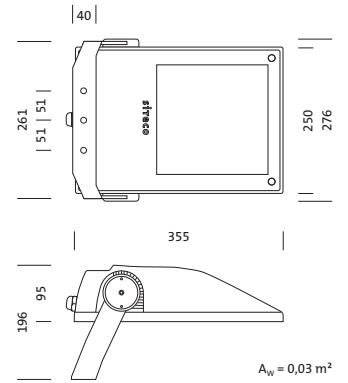
- facade lighting
- surface illumination
- security lighting for industrial facilities
- in indoor areas: can also be used as uplight
- areas with video monitoring
- installations with security protection

○○○LED	Versions of this luminaire with efficient LED technology are specified from page 40
	Versions of this luminaire for marshalling yards are specified from page 18
	Further luminaires from this product family are specified in Sections 3 and 5



SiCOMPACT® A2 MINI security luminaire | asymmetric wide | with mounting bracket | with LLCG and instant hot re-ignition

SiCOMPACT® A2 MINI floodlight with mounting bracket for mounting to mast via cross-arm or supporting structure | with aluminium reflector, highly specular, asymmetric wide; with transparent cover | with power factor-corrected LLCG, with high voltage ignition unit for hot re-ignition** | housing of diecast aluminium; bracket of galvanised steel; housing and bracket in Siteco® metallic grey (DB 702S); cover of toughened safety glass (ESG)



Protection rating: IP66

Insulation class: I

Adjustment range: 10..350° (indoor installations: 0..360°)

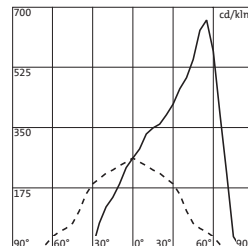
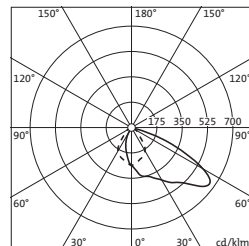
** version with hot re-ignition incl. separate ballast block, factory prewired (cable l=1m)



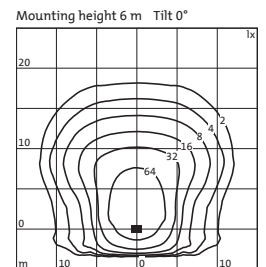
Lamps	Socket	Wt. (kg)	diffuse Order No.
with CG, with integrated ign. (with hot re-ignition)			
1x HIT-DE-CE HST-DE 70W	RX7s	9.5	5NA75761NS0208
1x HIT-DE-CE HST-DE 150W	RX7s-24	10.0	5NA75761PS0208

- please order cross-arm separately if required

5NA75761PS0208
1 x HST-DE-MF-h45 150W/220 ϕ 15000
lm



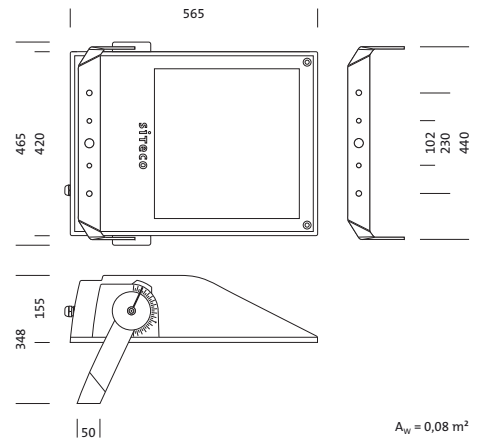
I_{max} 662 cd/klm at γ 55°
C 0/180 C 90/270





SiCOMPACT® A2 MIDI security luminaire | asymmetric narrow or wide | with mounting bracket | with LLCG and instant hot re-ignition

SiCOMPACT® A2 MIDI floodlight with mounting bracket for mounting to mast via cross-arm or supporting structure | with aluminium reflector, highly specular, asymmetric narrow or wide; with transparent cover | with power factor-corrected LLCG, with high voltage ignition unit for hot re-ignition** | housing of diecast aluminium; bracket of galvanised steel; housing and bracket in Siteco® metallic grey (DB 702S); cover of toughened safety glass (ESG)



A_w = 0,08 m²



Protection rating: IP66

Insulation class: I

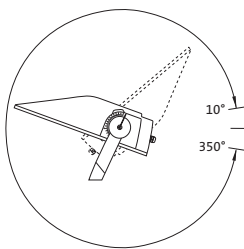
Adjustment range: 10..350° (indoor installations: 0..360°)

** version with hot re-ignition incl. separate ballast block, factory prewired (cable l=1.3m)



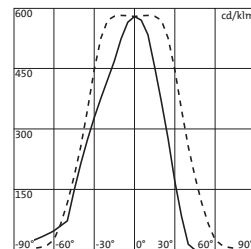
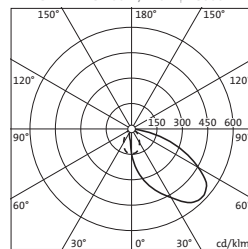
Lamps	Socket	Wt. (kg)	narrow Order No.	diffuse Order No.
with integrated CG, with integrated ign. (with hot re-ignition)				
1x HST-DE 250W	Fc2	18.3	5NA75861SB0208	5NA75861SS0208
1x HST-DE 400W	Fc2	20.9	5NA75861TB0208	5NA75861TS0208
with separate CG, with integrated ign. (with hot re-ignition)				
1x HIT-DE 250W	Fc2	19.0	5NA75871RB0208	5NA75871RS0208
1x HIT-DE 400W	Fc2	19.5	5NA75871TB0208	5NA75871TS0208

- please order cross-arm separately if required



5NA75861TS0208

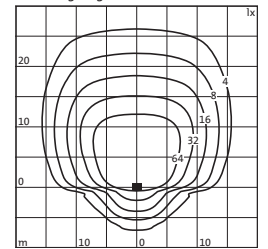
1 x HST-DE-h45 400W/220 ⌀ 48000 lm



I_{max} 582 cd/klm Tilt 45°

A 0 (C 0/180) B 0

Mounting height 8 m Tilt 0°



SiCOMPACT® A2 MINI | ... A2 MIDI housing accessories

Protective grid (not shown)

Steel, galvanised and coated, metallic grey (RAL 9006) | mesh width 47 x 22mm; steel mesh: d= 3mm

Type

Protective grid
for SiCOMPACT® A2 MINI
for SiCOMPACT® A2 MIDI

Order no.

5NA75700XD
5NA75800XD

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

Optical enclosure (not shown)

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

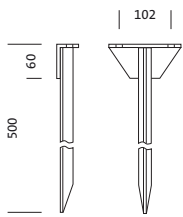
Type

Cover panel
for SiCOMPACT® A2 MINI
for SiCOMPACT® A2 MIDI

Order no.

5NA75700XG08
5NA75800XG08

SiCOMPACT® A2 MINI | ... MIDI mounting accessories



Ground stake
Steel, galvanised

Type
Ground stake
for SiCOMPACT® A2 MINI | ... A2 MIDI

Order no.
5NA75700ES



V4A bracket
for replacing standard mounting
bracket | V4A, uncoated

Type
V4A bracket
for SiCOMPACT® A2 MINI
for SiCOMPACT® A2 MIDI

Order no.
5NA75700EB00
5NA75800EB00



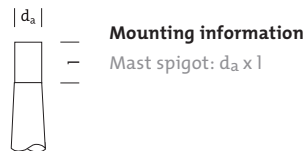
Straight bracket
for replacing standard mounting
bracket | steel, galvanised and coated,
Siteco® metallic grey (DB 7025)

Type
Straight bracket
for SiCOMPACT® A2 MINI

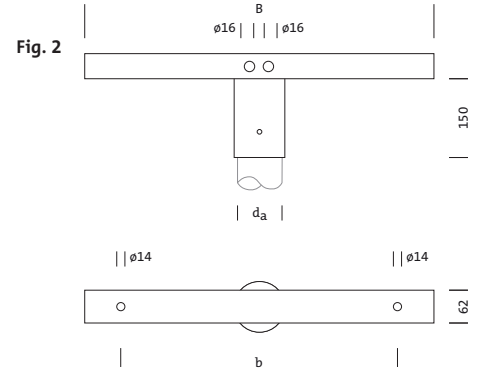
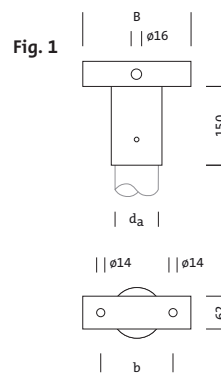
Order no.
5NA75701X08

SiCOMPACT® A2 MINI | ... A2 MIDI cross arms

Cross-arm
for mounting floodlights with
mounting bracket | galvanised steel



Mounting information
Mast spigot: $d_a \times l$



Type	Fig.	B (mm)	b (mm)	Mast spigot: $d_a \times l$ (mm)	Wt. (kg)	Order no.
Cross arm for SiCOMPACT® A2 MINI						
Single cross arm	1	200	102	60 x 150	2.4	5NY74701XA01
Single cross arm	1	200	102	76 x 150	2.6	5NY74701XA11
Single cross arm	1	200	102	89 x 150	2.8	5NY74701XA21
Twin cross arm	2	410	290	76 x 150	3.9	5NY74702XA11
Twin cross arm	2	410	290	89 x 150	4.0	5NY74702XA21
Cross arm for SiCOMPACT® A2 MIDI						
Single cross arm	1	200	102	76 x 150	2.6	5NY74701XA11
Single cross arm	1	200	102	89 x 150	2.8	5NY74701XA21
Twin cross arm	2	660	520	76 x 150	4.4	5NY74802XA11
Twin cross arm	2	660	520	89 x 150	4.7	5NY74802XA21

• Cross arm suitable for floodlights with max. weight: $m_{max} = 1 \times 26\text{kg}$ or $2 \times 26\text{kg}$ (please also observe the statics and permissible load limitation of the mast)

