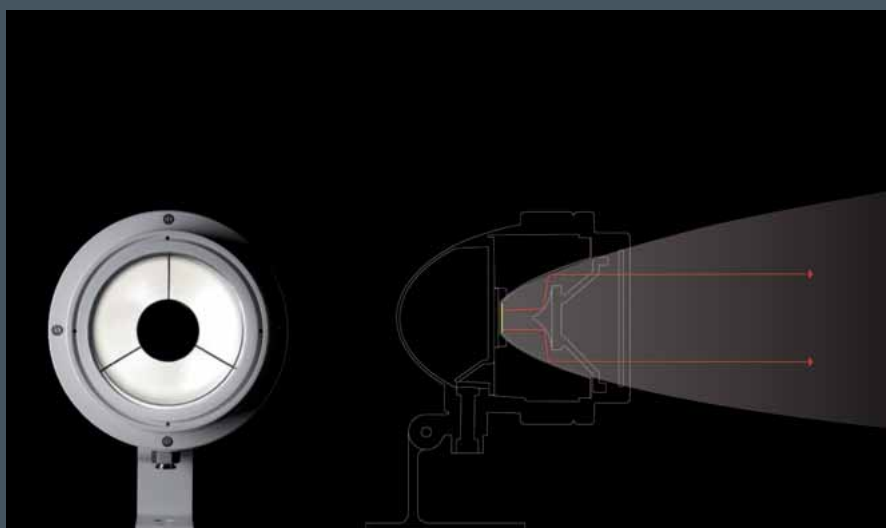




Nightspot luminaires are characterised by their exemplary design and technical precision. The product range has been extensively re-worked to take new high performance LED modules which offer a higher luminous flux and a wider range of optical systems. Rotationally symmetrical optical systems are fitted with secondary reflectors in order to reduce glare. For street and pathway lighting there is an optical lens with batwing distribution. An RGBW version rounds off the range with a useful product for colour changing installations.

Design: Roy Fleetwood

A compact LED gobo projector allows sharp-edged image projections of highest quality. The optical system is extremely efficient and can take a gobo and colour filter simultaneously.



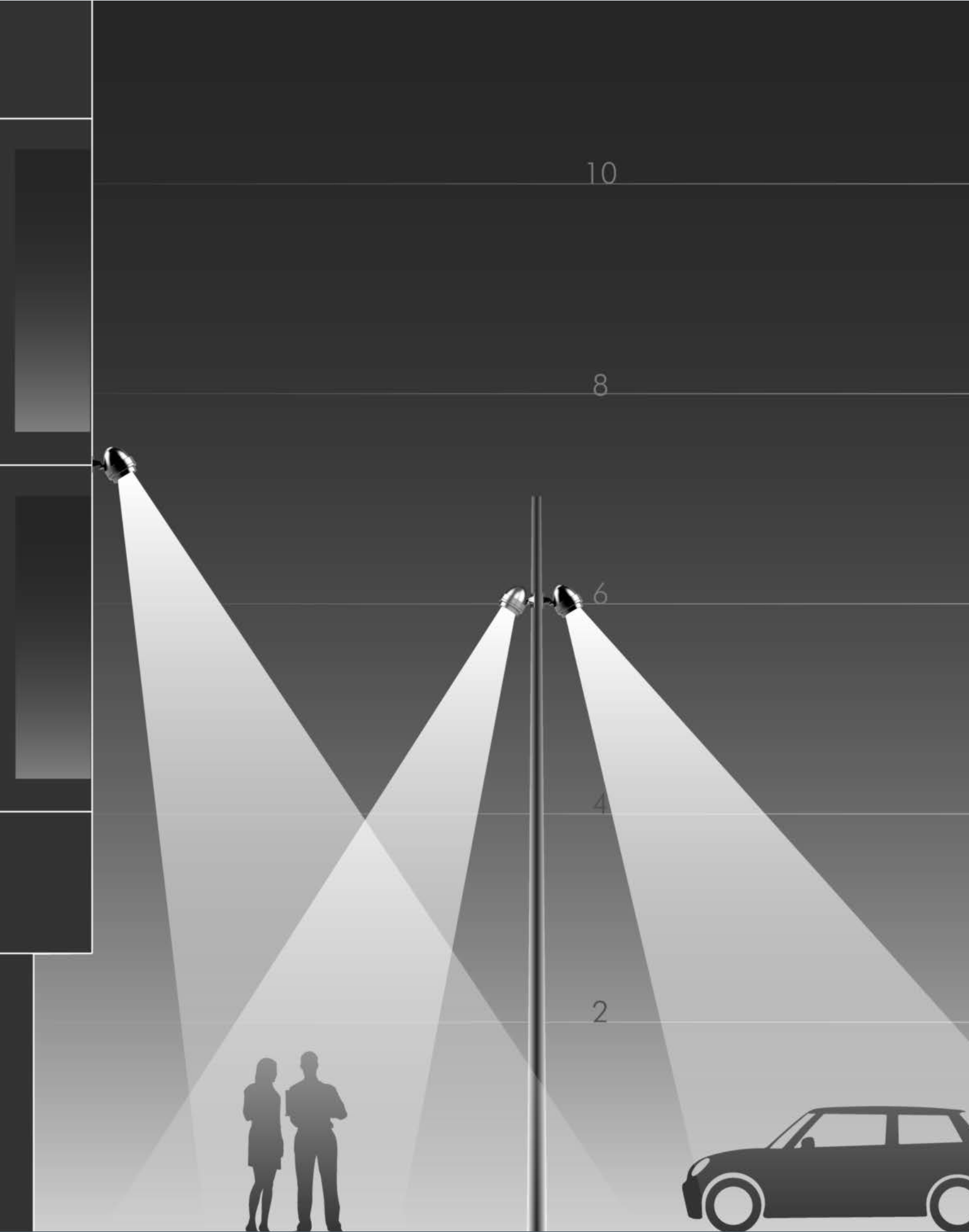
The light emitted by the LED module is directed via a primary and a secondary reflector, thus avoiding glare from direct light. The result is optimal visual comfort without sacrificing efficiency.

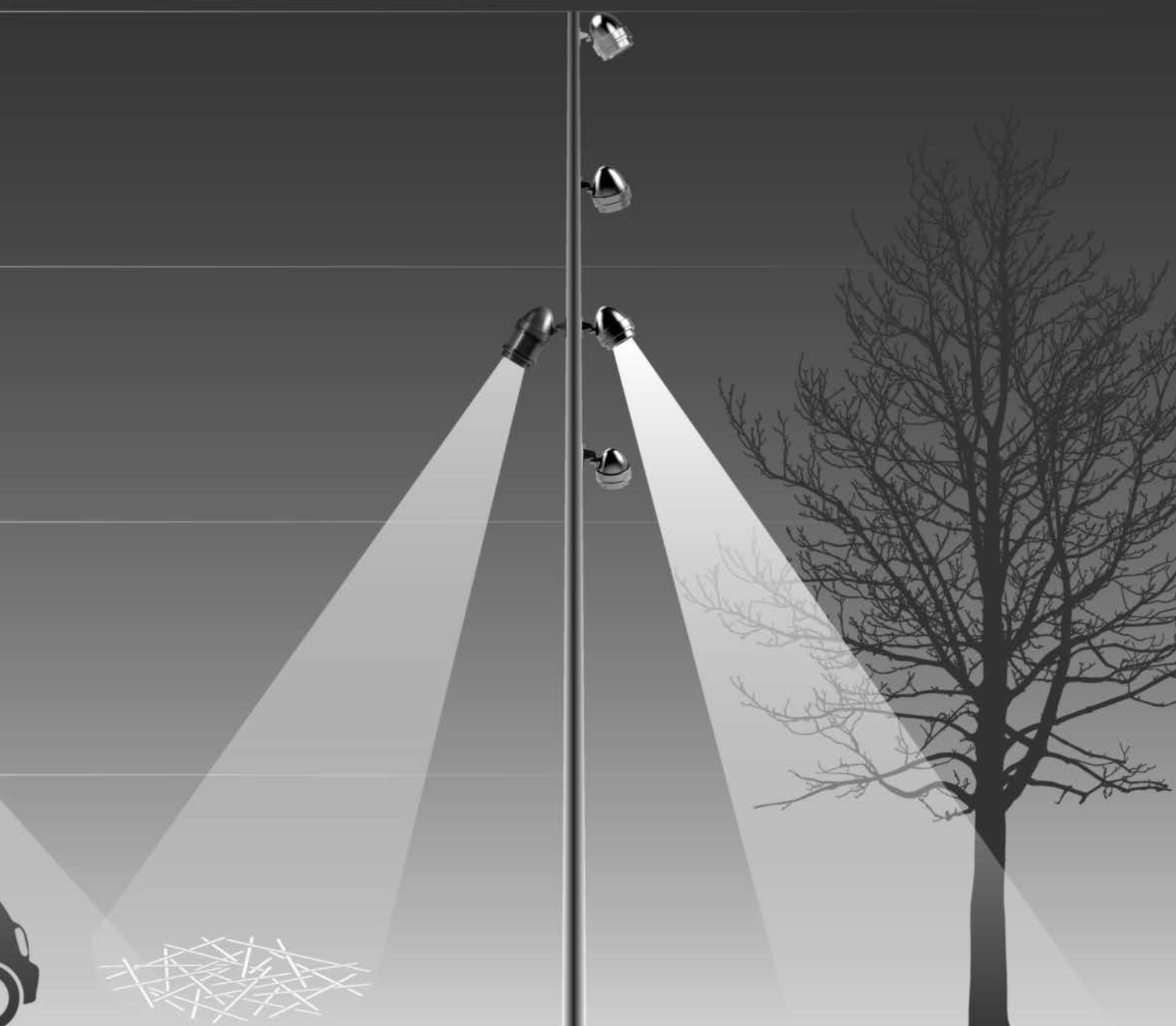


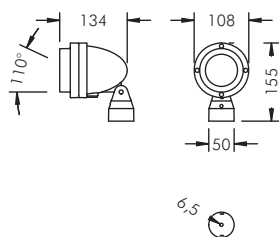
Montforthaus, Feldkirch/Austria
 Lighting design: Belzner Holmes und Partner Licht-Design,
 Stuttgart/Eschen, Liechtenstein

Nightspot pole luminaires can be used for the imaginative lighting of public spaces. They create uniform illumination or can be used for highlighting purposes. They can even be combined with gobo projectors in order to project images. The fixing system ensures a durable and robust installation, at the same time allowing the luminaires to be aimed as required.









Nightspot A

With high performance LEDs,
integral temperature monitoring device,
CRI: > 80, Colour tolerance: max. 2 SDCM
Service life: L90/B10 > 50 000 h
protection class I, IP65 IK08
corrosion-resistant die cast aluminium housing AlSi12,
polyester powder coated,
all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket,
closure by 4 stainless steel screws,
base can be rotated 360°,
1 drilled hole Ø 6.5 mm,
knuckle joint with 110° tilt range,
with 0.8 m cable H05RN-F3G1,
integral driver (AC/DC)

Nightspot A, narrow beam

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 965 146 019	black	1.2 kg	4 x LED 1.5 W	506 lm	6°
8 965 166 019	white		(6 W)		
8 965 156 019	silver grey		warm white (3000 K)		

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 965 145 019	black	1.2 kg	4 x LED 1.5 W	541 lm	6°
8 965 165 019	white		(6 W)		
8 965 155 019	silver grey		neutral white (4000 K)		

Nightspot A, linear beam spread, 90° adjustable

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 965 146 029	black	1.2 kg	4 x LED 1.5 W	445 lm	C 0 – 180
8 965 166 029	white		(6 W)		51°
8 965 156 029	silver grey		warm white (3000 K)		8°

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 965 145 029	black	1.2 kg	4 x LED 1.5 W	467 lm	C 0 – 180
8 965 165 029	white		(6 W)		51°
8 965 155 029	silver grey		neutral white (4000 K)		8°

Nightspot A, wide beam*

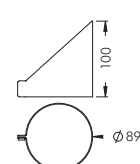
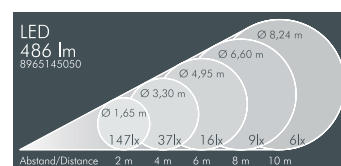
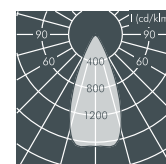
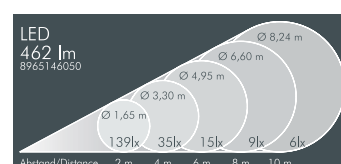
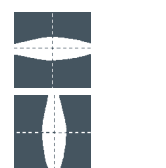
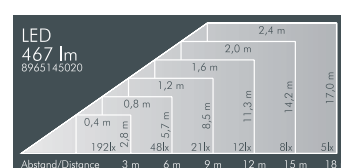
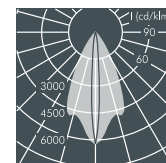
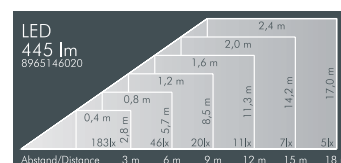
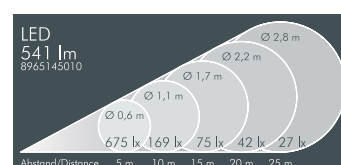
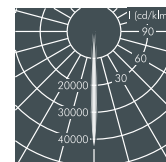
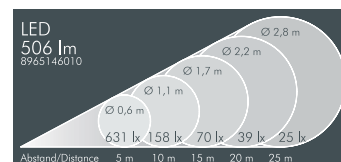
Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 965 146 059	black	1.2 kg	4 x LED 1.5 W	462 lm	45°
8 965 166 059	white		(6 W)		
8 965 156 059	silver grey		warm white (3000 K)		

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 965 145 059	black	1.2 kg	4 x LED 1.5 W	486 lm	45°
8 965 165 059	white		(6 W)		
8 965 155 059	silver grey		neutral white (4000 K)		

*These luminaires are also available with medium wide beam optics upon request.

Accessories Nightspot A

Part number	Colour	Description
129 0 399 940	black	Cowl , stainless steel,
129 0 399 960	white	to avoid lateral glare,
129 0 399 950	silver grey	for retro-fitting, only one accessory per luminaire, not in combination



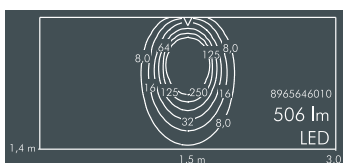
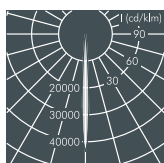
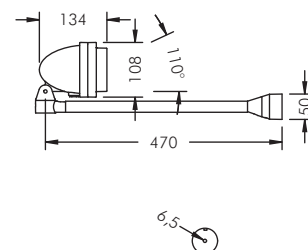
LED (see page 247)

Luminaires available in 2700 K and other colour temperatures upon request



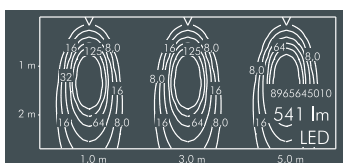
Nightspot A with wall arm

With high performance LEDs,
integral temperature monitoring device,
CRI: > 80, Colour tolerance: max. 2 SDCM
Service life: L90/B10 > 50 000 h
protection class I, IP65 , IK08
corrosion-resistant die cast aluminium housing AlSi12,
polyester powder coated,
all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket,
closure by 4 stainless steel screws,
base can be rotated 360°,
1 drilled hole Ø 6.5 mm,
knuckle joint with 110° tilt range,
with 0.8 m cable H05RN-F3G1,
integral driver (AC/DC)

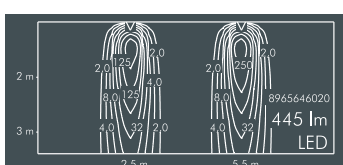
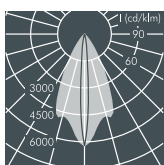


Nightspot A with wall arm, narrow beam

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 965 646 019	black	1.5 kg	4 x LED 1.5 W	506 lm	6°
8 965 666 019	white		(6 W)		
8 965 656 019	silver grey		warm white (3000 K)		

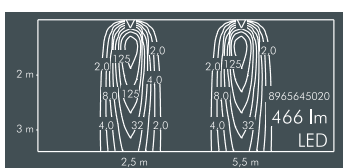


Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 965 645 019	black	1.5 kg	4 x LED 1.5 W	541 lm	6°
8 965 665 019	white		(6 W)		
8 965 655 019	silver grey		neutral white (4000 K)		

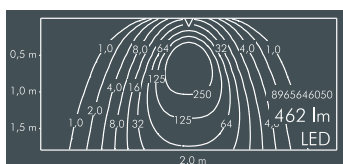
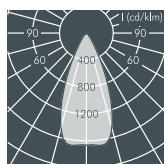


Nightspot A with wall arm, linear beam spread, 90° adjustable

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)	
8 965 646 029	black	1.5 kg	4 x LED 1.5 W	445 lm	C 0 – 180	C 90 – 270
8 965 666 029	white		(6 W)		51°	8°
8 965 656 029	silver grey		warm white (3000 K)			

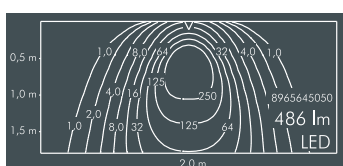


Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)	
8 965 645 029	black	1.5 kg	4 x LED 1.5 W	466 lm	C 0 – 180	C 90 – 270
8 965 665 029	white		(6 W)		51°	8°
8 965 655 029	silver grey		neutral white (4000 K)			



Nightspot A with wall arm, wide beam*

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 965 646 059	black	1.5 kg	4 x LED 1.5 W	462 lm	45°
8 965 666 059	white		(6 W)		
8 965 656 059	silver grey		warm white (3000 K)		



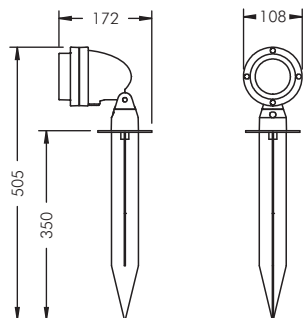
Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 965 645 059	black	1.5 kg	4 x LED 1.5 W	486 lm	45°
8 965 665 059	white		(6 W)		
8 965 655 059	silver grey		neutral white (4000 K)		

*These luminaires are also available with medium wide beam optics upon request.

LED (see page 247)

Luminaires available in 2700 K and other colour temperatures upon request





Nightspot A with earth spike

With high performance LEDs,
integral temperature monitoring device,
CRI: > 80, Colour tolerance: max. 2 SDCM
Service life: L90/B10 > 50 000 h
protection class I, IP65   (cable IP44 ), IK08
corrosion-resistant die cast aluminium housing AlSi12,
polyester powder coated,
all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket,
closure by 4 stainless steel screws,
base can be rotated 360°,
1 drilled hole Ø 6.5 mm,
knuckle joint with 110° tilt range,
with 2.5 m cable H05RN-F3G1 and safety plug,
stainless steel earthspike, integral driver (AC/DC)

Nightspot A, with earth spike, narrow beam

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 965 246 019	black	1.2 kg	4 x LED 1.5 W (6 W) warm white (3000 K)	506 lm	6°
8 965 266 019	white				
8 965 256 019	silver grey				

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 965 245 019	black	1.2 kg	4 x LED 1.5 W (6 W) neutral white (4000 K)	541 lm	6°
8 965 265 019	white				
8 965 255 019	silver grey				

Nightspot A, with earth spike, linear beam spread, 90° adjustable

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)	
8 965 246 029	black	1.2 kg	4 x LED 1.5 W (6 W) warm white (3000 K)	445 lm	C 0 – 180	C 90 – 270
8 965 266 029	white				51°	8°
8 965 256 029	silver grey					

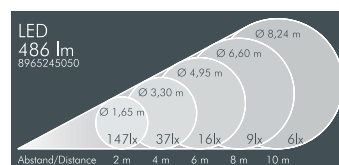
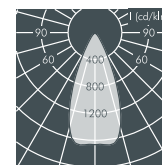
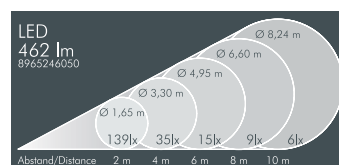
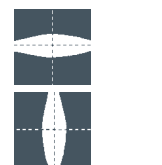
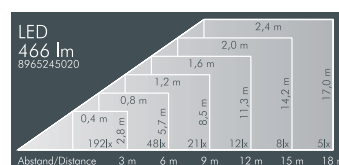
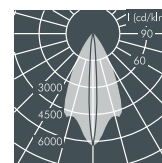
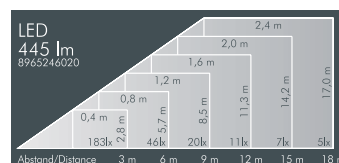
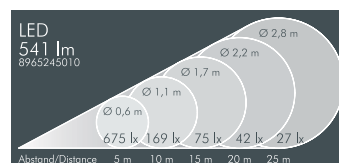
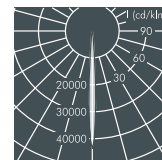
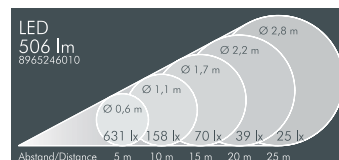
Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)	
8 965 245 029	black	1.2 kg	4 x LED 1.5 W (6 W) neutral white (4000 K)	466 lm	C 0 – 180	C 90 – 270
8 965 265 029	white				51°	8°
8 965 255 029	silver grey					

Nightspot A, with earth spike, wide beam*

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 965 246 059	black	1.2 kg	4 x LED 1.5 W (6 W) warm white (3000 K)	462 lm	45°
8 965 266 059	white				
8 965 256 059	silver grey				

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 965 245 059	black	1.2 kg	4 x LED 1.5 W (6 W) neutral white (4000 K)	486 lm	45°
8 965 265 059	white				
8 965 255 059	silver grey				

*These luminaires are also available with medium wide beam optics upon request.



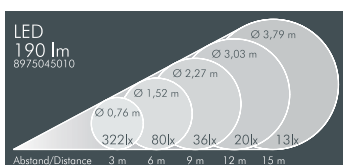
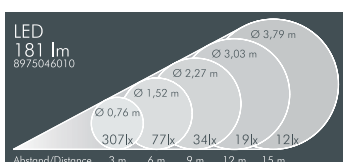
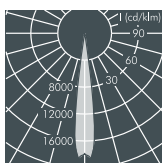
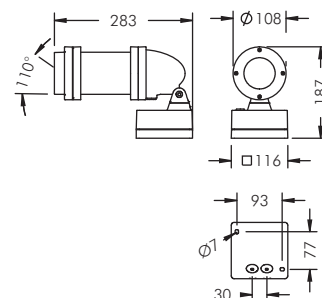
LED (see page 247)

Luminaires available in 2700 K and other colour temperatures upon request



Nightspot A Gobo

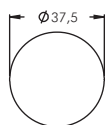
With high performance LED module,
CRI: > 80, Colour tolerance: max. 2 SDCM
Service life: L80/B10 > 50 000 h
protection class I, IP65 , IK08
corrosion-resistant die cast aluminium housing AlSi12
and aluminium profile, polyester powder coated,
focusable projection lens,
carrier for gobos and colour filters,
all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket,
closure with 4 stainless steel screws, mounting box:
2 drilled holes Ø 7 mm, spacing 77 x 93 mm,
articulated joint and tilt range 110°,
luminaire housing can be turned through 360°,
cable entry for 7 - 10 mm recessed or
surface mounted cable, integral driver



Nightspot A Gobo, 85 mm focal length

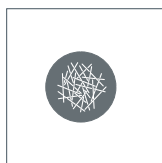
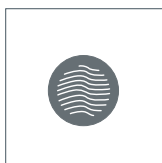
Part number	Colour	Weight	Light source	Luminous flux	Beam angle
8 975 046 019	black	2.3 kg	1 x LED module 19 W warm white (3000 K)	181 lm	14°
8 975 066 019	white				
8 975 056 019	silver grey				

Part number	Colour	Weight	Light source	Luminous flux	Beam angle
8 975 045 019	black	2.3 kg	1 x LED module 19 W neutral white (4000 K)	190 lm	14°
8 975 065 019	white				
8 975 055 019	silver grey				



Accessories Nightspot A Gobo Projector, 85 mm focal length

Part number	Colour	Description
129 0 451 000	yellow	Dichroic colour filter, internally fitted
129 0 453 000	blue	
129 0 457 000	red	
129 0 458 000	green	

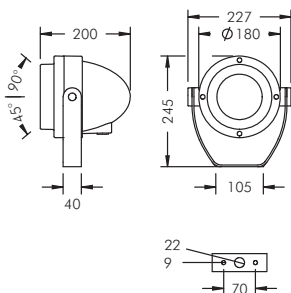


Part number	Example	Description
129 0 459 000	waves	Standard gobos Ø 37.5 mm
129 0 460 000	stars	
129 0 461 000	hatch	

LED (see page 247)

Luminaires available in 2700 K and other colour temperatures upon request





Nightspot A2 with mounting bracket
With high performance LED module (Zhaga),
integral temperature monitoring device,
CRI: > 85, Colour tolerance: max. 2 SDCM
Service life: L90/B10 > 50 000 h
protection class I or II, IP67 , IK08
windage area AW 0.035 m²
corrosion-resistant cast aluminium housing AlSi12,
polyester powder coated,
rotationally symmetrical aluminium reflector,
all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket,
closure with 4 stainless steel screws,
powder coated aluminium mounting bracket with
tilt scale: 2 drilled holes Ø 9 mm, spacing 70 mm,
1 centre hole Ø 22 mm, tilt range 135°,
M20 cable gland, integral driver (AC/DC)

Nightspot A2 with mounting bracket, narrow beam (with secondary reflector)

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 983 046 019	black	2.7 kg	1 x LED module 28 W	2308 lm	11°
8 983 066 019	white		warm white (3000 K)		
8 983 056 019	silver grey				

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 983 045 019	black	2.7 kg	1 x LED module 28 W	2492 lm	11°
8 983 065 019	white		neutral white (4000 K)		
8 983 055 019	silver grey				

Nightspot A2 LED with mounting bracket, narrow beam (with secondary reflector)

Part number*	Colour	Description	Luminous flux	Beam angle γ (FWHM)
8 983 046 079	black	Luminaire with ribbed glass spreader lense , internally fitted, for linear beam distribution, continuously adjustable through 360°	1974 lm	C 0 – 180
8 983 066 079	white			C 90 – 270
8 983 056 079	silver grey			17°
Weight 2.9 kg				40°

Nightspot A2 with mounting bracket, medium wide beam (with secondary reflector)

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 983 046 049	black	2.7 kg	1 x LED module 28 W	2277 lm	19°
8 983 066 049	white		warm white (3000 K)		
8 983 056 049	silver grey				

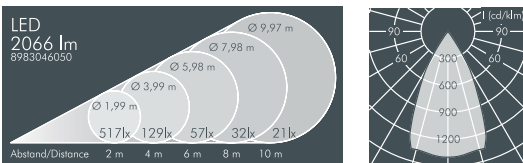
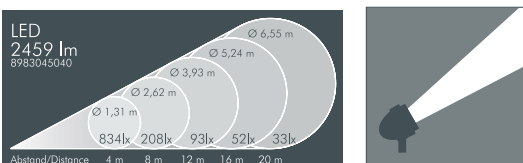
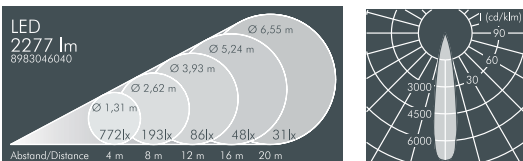
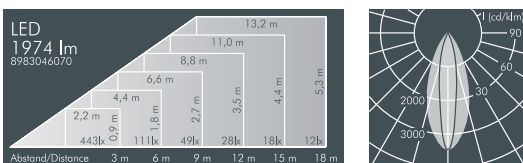
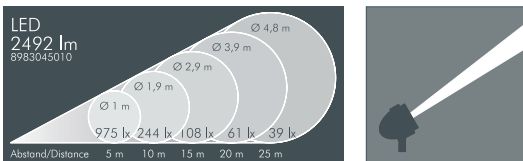
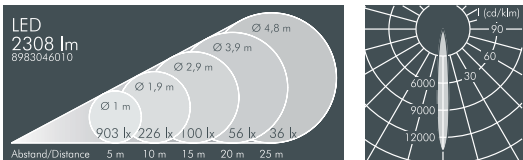
Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 983 045 049	black	2.7 kg	1 x LED module 28 W	2459 lm	19°
8 983 065 049	white		neutral white (4000 K)		
8 983 055 049	silver grey				

Nightspot A2 with mounting bracket, wide beam (secondary reflector available as accessory)

Part number*	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 983 046 059	black	2.7 kg	1 x LED module 28 W	2066 lm	53°
8 983 066 059	white		warm white (3000 K)		
8 983 056 059	silver grey				

*These luminaires are also available with neutral white LED (4000 K) upon request.

Part number	Protection class I luminaire
• • • • • 1..	Dimmable version (DALI)
• • • • • 2..	Dimmable version (1-10 V)
Part number	Protection class II luminaire
• • • • • 5..	Luminaire not dimmable
• • • • • 6..	Dimmable version (DALI)
• • • • • 7..	Dimmable version (1-10 V)

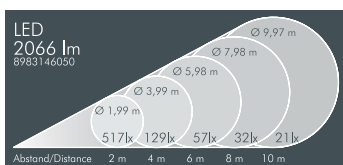
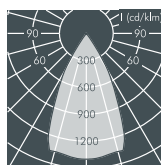
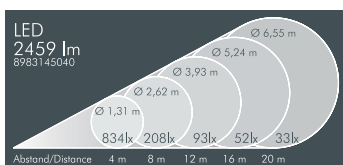
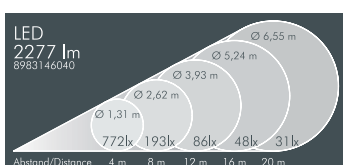
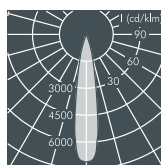
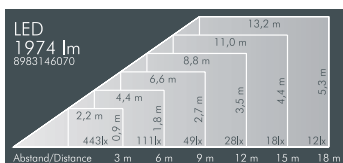
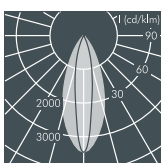
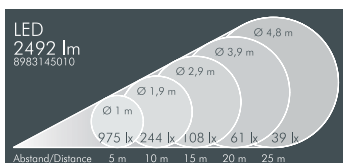
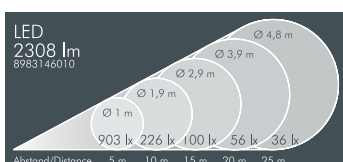
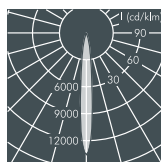
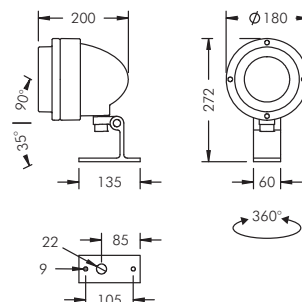


LED (see page 247)
Luminaires available in 2700 K or other colour temperatures upon request



Nightspot A2 with mounting base

With high performance LED module (Zhaga),
integral temperature monitoring device,
CRI: > 85, Colour tolerance: max. 2 SDCM
Service life: L90/B10 > 50 000 h
protection class I or II, IP67   , IK08
windage area AW 0.035 m²
corrosion-resistant cast aluminium housing AlSi12,
polyester powder coated,
rotationally symmetrical aluminium reflector,
all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket,
closure with 4 stainless steel screws,
adjustable aluminium mounting base,
polyester powder coated: 2 drilled holes Ø 9 mm,
spacing 105 mm, 1 centre hole Ø 22 mm,
tilt range 125°, swivel range 360°,
M20 cable gland, integral driver (AC/DC)



LED (see page 247)

Luminaires available in 2700 K or other colour temperatures upon request

Nightspot A2 with mounting base, narrow beam (with secondary reflector)

Part number	Colour	Weight	Light source	Luminous flux	Half beam angle γ
8 983 146 019	black	2.5 kg	1 x LED module 28 W	2308 lm	11°
8 983 166 019	white		warm white (3000 K)		
8 983 156 019	silver grey				

Part number	Colour	Weight	Light source	Luminous flux	Half beam angle γ
8 983 145 019	black	2.5 kg	1 x LED module 28 W	2492 lm	11°
8 983 165 019	white		neutral white (4000 K)		
8 983 155 019	silver grey				

Nightspot A2 with mounting base, narrow beam (with secondary reflector)

Part number *	Colour	Description	Luminous flux	Half beam angle γ
8 983 146 079	black	Luminaire with ribbed glass spreader lense , internally fitted, for linear beam distribution, continuously adjustable through 360°	1974 lm	C 0 – 180
8 983 166 079	white			17°
8 983 156 079	silver grey			40°
		Weight 2.7 kg		

Nightspot A2 with mounting base, medium wide beam (with secondary reflector)

Part number	Colour	Weight	Light source	Luminous flux	Half beam angle γ
8 983 146 049	black	2.5 kg	1 x LED module 28 W	2277 lm	19°
8 983 166 049	white		warm white (3000 K)		
8 983 156 049	silver grey				

Part number	Colour	Weight	Light source	Luminous flux	Half beam angle γ
8 983 145 049	black	2.5 kg	1 x LED module 28 W	2459 lm	19°
8 983 165 049	white		neutral white (4000 K)		
8 983 155 049	silver grey				

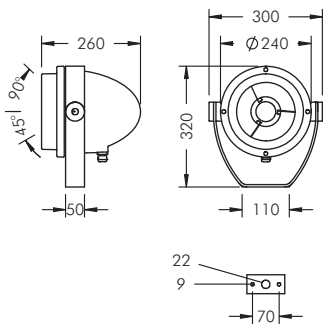
Nightspot A2 with mounting base, wide beam (secondary reflector available as accessory)

Part number *	Colour	Weight	Light source	Luminous flux	Half beam angle γ
8 983 146 059	black	2.5 kg	1 x LED module 28 W	2066 lm	53°
8 983 166 059	white		warm white (3000 K)		
8 983 156 059	silver grey				

Part number	Protection class I luminaire
1 ..	Dimmable version (DALI)
2 ..	Dimmable version (1-10 V)
Protection class II luminaire	
5 ..	Luminaire not dimmable
6 ..	Dimmable version (DALI)
7 ..	Dimmable version (1-10 V)

*These luminaires are also available with neutral white LED (4000 K) upon request.

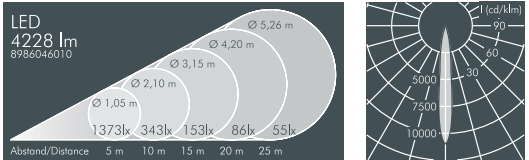




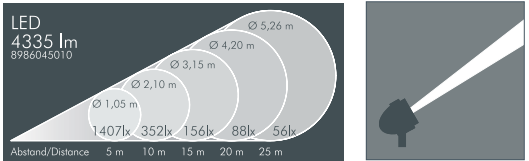
Nightspot B with mounting bracket
With high performance LED module (Zhaga),
integral temperature monitoring device,
CRI: > 85, Colour tolerance: 2 SDCM
Service life: L90/B10 > 50 000 h
protection class I or II, IP67 , IK08
windage area A_W 0.05 m²
corrosion-resistant die cast aluminium housing AlSi12,
polyester powder coated,
rotationally symmetrical aluminium reflector,
integral secondary reflector to reduce glare,
all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket,
closure with 4 stainless steel screws,
mounting bracket powder coated aluminium with
tilt scale: 2 drilled holes Ø 9 mm, spacing 70 mm,
1 centre hole Ø 22 mm, tilt range 135°,
M20 cable gland, integral driver (AC/DC)

Nightspot B with mounting bracket, narrow beam (with secondary reflector)

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 986 046 019	black	5.0 kg	1 x LED module 54 W warm white (3000 K)	4228 lm	12°
8 986 066 019	white				
8 986 056 019	silver grey				

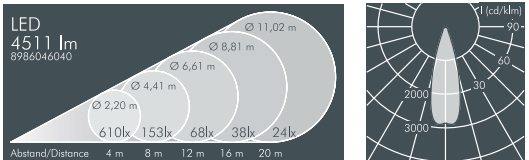


Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 986 045 019	black	5.0 kg	1 x LED module 54 W neutral white (4000 K)	4335 lm	12°
8 986 065 019	white				
8 986 055 019	silver grey				

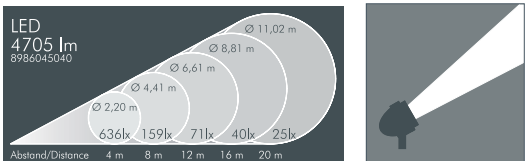


Nightspot B with mounting bracket, medium wide beam (with secondary reflector)

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 986 046 049	black	5.0 kg	1 x LED module 54 W warm white (3000 K)	4511 lm	31°
8 986 066 049	white				
8 986 056 049	silver grey				

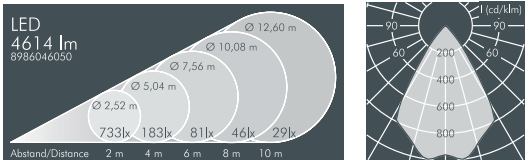


Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 986 045 049	black	5.0 kg	1 x LED module 54 W neutral white (4000 K)	4705 lm	31°
8 986 065 049	white				
8 986 055 049	silver grey				

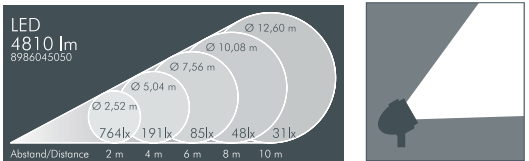


Nightspot B with mounting bracket, wide beam (secondary reflector available as accessory)

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 986 046 059	black	5.0 kg	1 x LED module 54 W warm white (3000 K)	4614 lm	64°
8 986 066 059	white				
8 986 056 059	silver grey				



Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 986 045 059	black	5.0 kg	1 x LED module 54 W neutral white (4000 K)	4810 lm	64°
8 986 065 059	white				
8 986 055 059	silver grey				



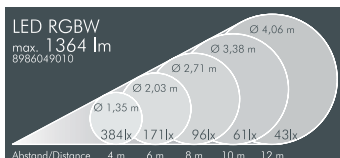
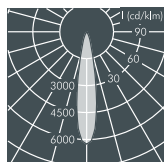
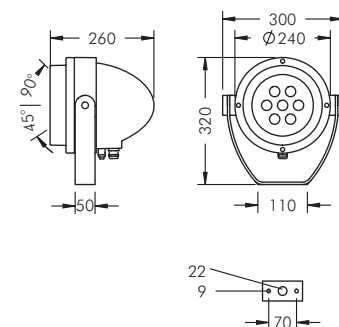
Part number	Protection class I luminaire
1..	Dimmable version (DALI)
2..	Dimmable version (1-10 V)
Part number	Protection class II luminaire
5..	Luminaire not dimmable
6..	Dimmable version (DALI)
7..	Dimmable version (1-10 V)

LED (see page 247)
Luminaires available in 2700 K or other colour temperatures upon request



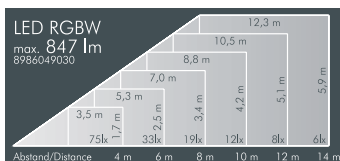
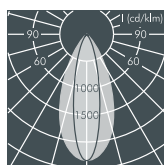
Nightspot B RGBW with mounting bracket

With high performance LED modules RGBW,
external DMX-controller required,
integral temperature monitoring device
protection class I, IP67 , IK08
windage area AW 0.05 m²
corrosion-resistant die cast aluminium housing AlSi12,
polyester powder coated,
all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket,
closure with 4 stainless steel screws,
mounting bracket powder coated aluminium with
tilt scale: 2 drilled holes Ø 9 mm, spacing 70 mm,
1 centre hole Ø 22 mm, tilt range 135°,
M20 cable gland for power supply and
M12 cable gland for DMX signal In,
RDM compatible integral driver (AC/DC)



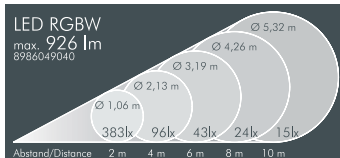
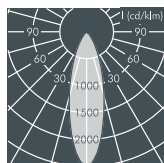
Nightspot B RGBW with mounting bracket, narrow beam

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)
8 986 049 019	black	7 x LED module RGBW 1.5 W	max.	19°
8 986 069 019	white	W = 4000 K	1364 lm	
8 986 059 019	silver grey	(max. 42 W)		
Weight 6.1 kg				



Nightspot B RGBW with mounting bracket, elliptical beam spread

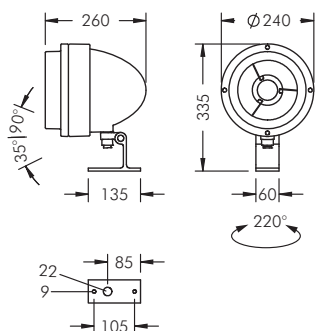
Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)
8 986 049 039	black	7 x LED module RGBW 1.5 W	max.	C 0 – 180
8 986 069 039	white	W = 4000 K	847 lm	C 90 – 270
8 986 059 039	silver grey	(max. 42 W)		
Weight 6.1 kg				



Nightspot B RGBW with mounting bracket, medium wide beam

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)
8 986 049 049	black	7 x LED module RGBW 1.5 W	max.	30°
8 986 069 049	white	W = 4000 K	926 lm	
8 986 059 049	silver grey	(max. 42 W)		
Weight 6.1 kg				



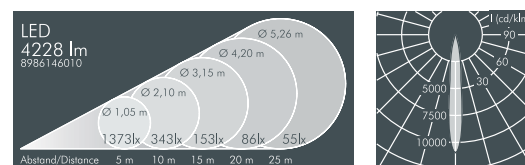


Nightspot B with mounting base

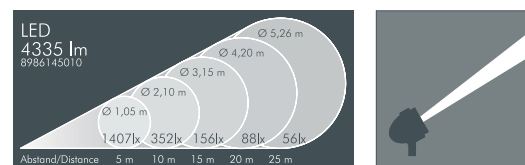
With high performance LED module (Zhaga), integral temperature monitoring device, CRI: > 85, Colour tolerance: 2 SDCM
Service life: L90/B10 > 50 000 h
protection class I or II, IP67     , IK08
windage area AW 0.05 m²
corrosion-resistant die cast aluminium housing AlSi12, polyester powder coated,
rotationally symmetrical aluminium reflector, integral secondary reflector to reduce glare,
all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws,
powder coated aluminium mounting base adjustable:
2 drilled holes Ø 9 mm, spacing 105 mm,
1 centre hole Ø 22 mm, tilt range 125°, swivel range 220°, M20 cable gland, integral driver (AC/DC)

Nightspot B with mounting base, narrow beam (with secondary reflector)

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 986 146 019	black	5.5 kg	1 x LED module 54 W warm white (3000 K)	4228 lm	12°
8 986 166 019	white				
8 986 156 019	silver grey				

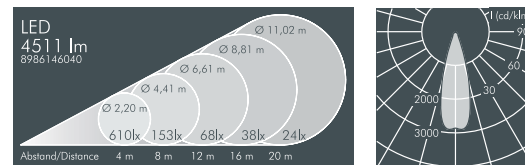


Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 986 145 019	black	5.5 kg	1 x LED module 54 W neutral white (4000 K)	4335 lm	12°
8 986 165 019	white				
8 986 155 019	silver grey				

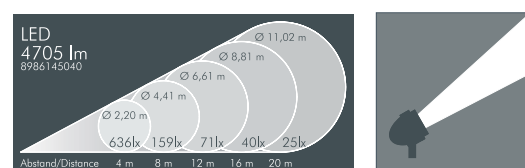


Nightspot B with mounting base, medium wide beam (with secondary reflector)

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 986 146 049	black	5.5 kg	1 x LED module 54 W warm white (3000 K)	4511 lm	31°
8 986 166 049	white				
8 986 156 049	silver grey				

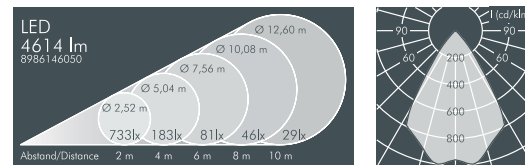


Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 986 145 049	black	5.5 kg	1 x LED module 54 W neutral white (4000 K)	4705 lm	31°
8 986 165 049	white				
8 986 155 049	silver grey				

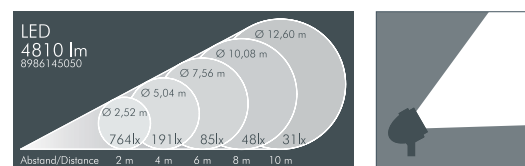


Nightspot B with mounting base, wide beam (secondary reflector available as accessory)

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 986 146 059	black	5.5 kg	1 x LED module 54 W warm white (3000 K)	4614 lm	64°
8 986 166 059	white				
8 986 156 059	silver grey				



Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 986 145 059	black	5.5 kg	1 x LED module 54 W neutral white (4000 K)	4810 lm	64°
8 986 165 059	white				
8 986 155 059	silver grey				



Part number	Protection class I luminaire
. 1 ..	Dimmable version (DALI)
. 2 ..	Dimmable version (1-10 V)
	Protection class II luminaire
. 5 ..	Luminaire not dimmable
. 6 ..	Dimmable version (DALI)
. 7 ..	Dimmable version (1-10 V)

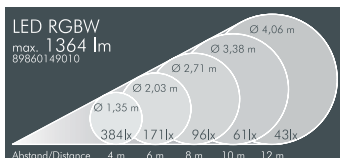
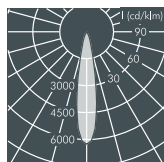
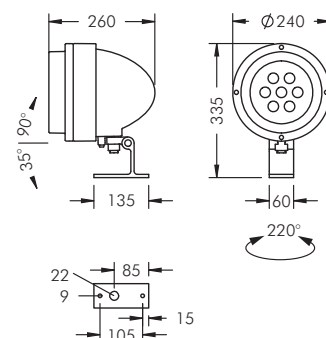
LED (see page 247)

Luminaires available in 2700 K or other colour temperatures upon request



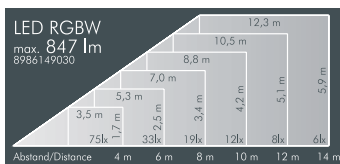
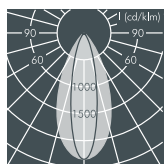
Nightspot B RGBW with mounting base

With high performance LED modules RGBW,
external DMX-controller required,
integral temperature monitoring device
protection class I, IP67 , IK08
windage area AW 0.05 m²
corrosion-resistant die cast aluminium housing AlSi12,
polyester powder coated,
all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket,
closure with 4 stainless steel screws,
powder coated aluminium mounting base adjustable:
2 drilled holes Ø 9 mm, spacing 105 mm,
1 centre hole Ø 22 mm, tilt range 125°,
swivel range 220°, M20 cable gland for power
supply and M12 cable gland for DMX signal In,
RDM compatible integral driver (AC/DC)



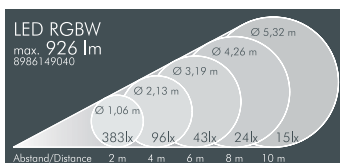
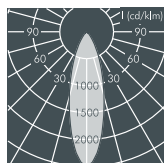
Nightspot B RGBW with mounting base, narrow beam

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)
8 986 149 019	black	7 x LED module RGBW 1.5 W	max.	19°
8 986 169 019	white	W = 4000 K	1364 lm	
8 986 159 019	silver grey	(max. 42 W)		
Weight 5.9 kg				



Nightspot B RGBW with mounting base, elliptical beam spread

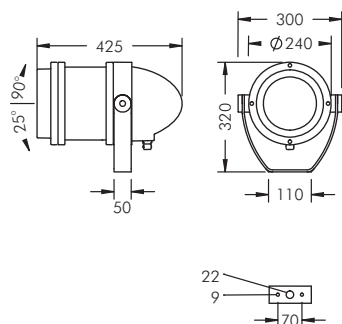
Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)
8 986 149 039	black	7 x LED module RGBW 1.5 W	max.	C 0 – 180
8 986 169 039	white	W = 4000 K	847 lm	C 90 – 270
8 986 159 039	silver grey	(max. 42 W)		
Weight 5.9 kg				



Nightspot B RGBW with mounting base, medium wide beam

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)
8 986 149 049	black	7 x LED module RGBW 1.5 W	max.	30°
8 986 169 049	white	W = 4000 K	926 lm	
8 986 159 049	silver grey	(max. 42 W)		
Weight 5.9 kg				





Nightspot B Gobo/RGBW Gobo

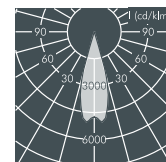
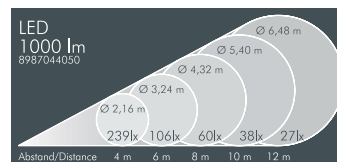
Monochrome: With high performance LED module, CRI: > 70, Colour tolerance: max. 4 SDCM Service life: L70/B20 > 50 000 h protection class I or II, IP67 , IK08 integral driver (AC/DC)

RGBW: With high performance LED module RGBW, protection class I, IP67 , IK08 external DMX-controller required, RDM compatible integral driver (AC/DC)

windage area AW 0.085 m², corrosion-resistant die cast aluminium housing AlSi12 and aluminium profile, polyester powder coated, focusable lense, carrier for gobos and colour filters, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, mounting bracket powder coated aluminium with tilt scale: 2 drilled holes Ø 9 mm, spacing 70 mm, 1 centre hole Ø 22 mm, tilt range 115°, M20 cable gland

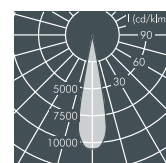
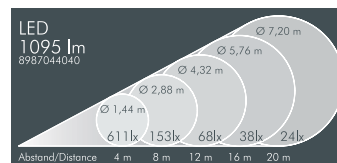
Nightspot B Gobo Projector, 63 mm focal length

Part number	Colour	Weight	Light source	Luminous flux	Beam angle
8 987 044 059	black	8.0 kg	1 x LED module 47 W	1000 lm	30°
8 987 064 059	white		cool white (6500 K)		
8 987 054 059	silver grey				



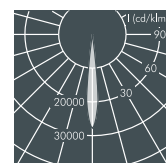
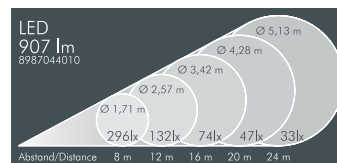
Nightspot B Gobo Projector, 85 mm focal length

Part number	Colour	Weight	Light source	Luminous flux	Beam angle
8 987 044 049	black	8.0 kg	1 x LED module 47 W	1095 lm	20°
8 987 064 049	white		cool white (6500 K)		
8 987 054 049	silver grey				



Nightspot B Gobo Projector, 150 mm focal length

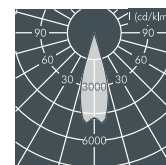
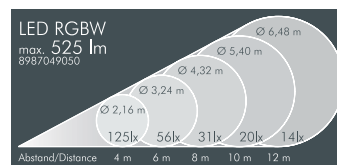
Part number	Colour	Weight	Light source	Luminous flux	Beam angle
8 987 044 019	black	8.1 kg	1 x LED module 47 W	907 lm	12°
8 987 064 019	white		cool white (6500 K)		
8 987 054 019	silver grey				



Part number	Protection class I luminaire
1..	Dimmable version (DALI)
2..	Dimmable version (1-10 V)
	Protection class II luminaire
5..	Luminaire not dimmable
6..	Dimmable version (DALI)
7..	Dimmable version (1-10 V)

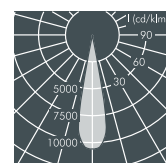
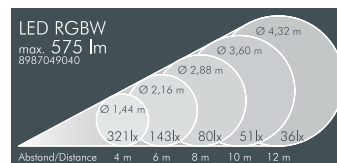
Nightspot B RGBW Gobo Projector, 63 mm focal length

Part number	Colour	Light source	Luminous flux	Beam angle
8 987 049 059	black	1 x LED module RGBW	max.	30°
8 987 069 059	white	W = 6000 K	525 lm	
8 987 059 059	silver grey	(max. 38 W)		
	Weight 8.0 kg			



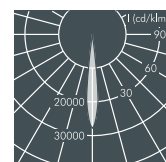
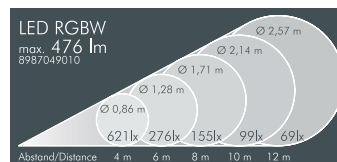
Nightspot B RGBW Gobo Projector, 85 mm focal length

Part number	Colour	Light source	Luminous flux	Beam angle
8 987 049 049	black	1 x LED module RGBW	max.	20°
8 987 069 049	white	W = 6000 K	575 lm	
8 987 059 049	silver grey	(max. 38 W)		
	Weight 8.0 kg			



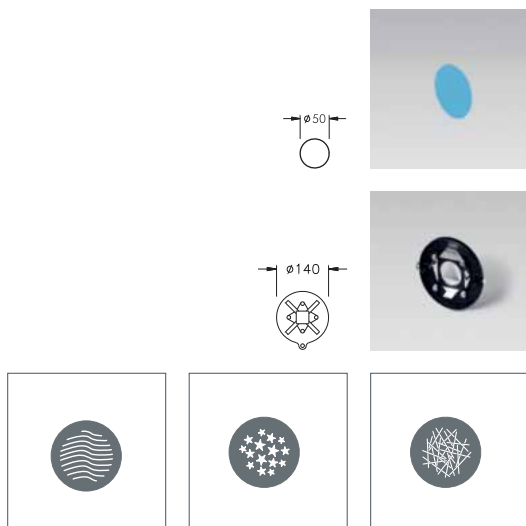
Nightspot B RGBW Gobo Projector, 150 mm focal length

Part number	Colour	Light source	Luminous flux	Beam angle
8 987 049 019	black	1 x LED module RGBW	max.	12°
8 987 069 019	white	W = 6000 K	476 lm	
8 987 059 019	silver grey	(max. 38 W)		
	Weight 8.1 kg			



LED (see page 247)





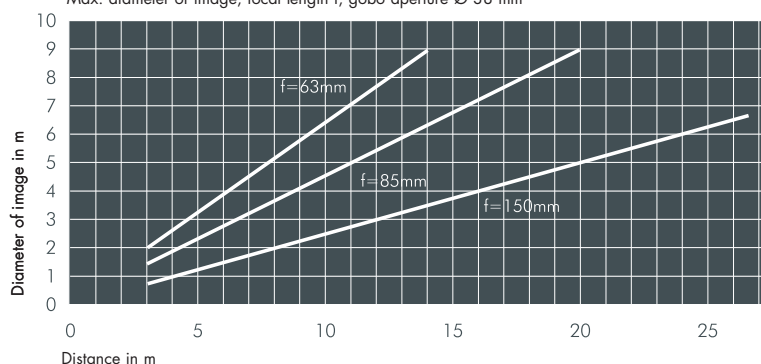
Accessories Nightspot B Gobo 63/85/150 mm focal length		
Part number	Colour	Description
129 0 551 000	yellow	Dichroic colour filter
129 0 557 000	red	
129 0 553 000	blue	
129 0 558 000	green	

Accessories Nightspot B Gobo/RGBW Gobo	
Part number	Description
129 0 257 000	Framer for sharp edges on 3 or 4-sided images

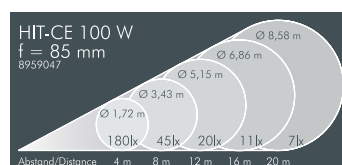
Part number	Example	Description
129 0 489 000	waves	Standard gobos Ø 50 mm
129 0 490 000	stars	
129 0 491 000	hash	

Custom made gobos can be produced from Image data in one of the following file formats: **EPS** (min. 300 dpi), **TIF** (min. 300 dpi), **JPG** (in low compression).
Max. image size D on gobo: D = 38 mm (outer diameter gobo 50 mm)

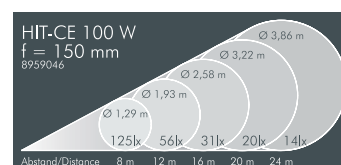
Max. diameter of image, focal length f, gobo aperture Ø 38 mm



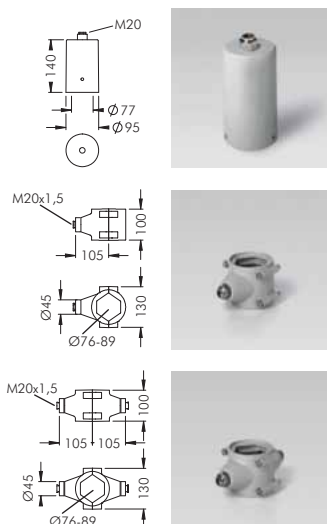
Lux level comparison HIT-CE 100 W / LED 47 W



focal length 85 mm, distance 12 m:
HIT-CE 100 W:
20 lux average level
LED 47 W:
68 lux average level



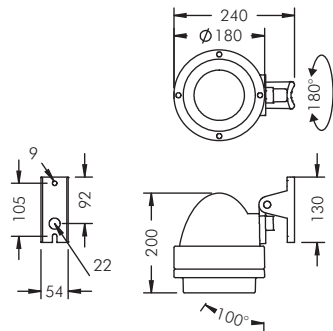
focal length 150 mm, distance 16 m:
HIT-CE 100 W:
31 lux average level
LED 47 W:
74 lux average level



Accessories Nightspot B Gobo/RGBW Gobo		
Part number	Colour	Description
128 0 626 940	black	Pole Top Fitter , aluminium, for 76 mm pole top, with M20 x 1.5 connection thread, for installation of one luminaire
128 0 626 960	white	
128 0 626 950	silver grey	

Part number	Colour	Description
119 0 035 940	black	Single pole mount adapter , aluminium, for poles Ø 76 – 89 mm
119 0 035 960	white	
119 0 035 950	silver grey	

Part number	Colour	Description
119 0 036 940	black	Double pole mount adapter , aluminium, for poles Ø 76 – 89 mm
119 0 036 960	white	
119 0 036 950	silver grey	



Nightspot A2 pole luminaire
With high performance LED module (Zhaga),
integral temperature monitoring device,
CRI: > 85, Colour tolerance: max. 2 SDCM
Service life: L90/B10 > 50 000 h
protection class I or II, IP67 , IK08
windage area AW 0.035 m²
corrosion-resistant die cast aluminium housing AlSi12,
polyester powder coated,
rotationally symmetrical aluminium reflector,
integral secondary reflector to reduce glare,
all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket,
closure with 4 stainless steel screws,
for installation on poles Ø 60 - 100 mm,
powder coated aluminium mounting base:
2 drilled holes Ø 9 mm, spacing 105 mm,
1 centre hole Ø 22 mm, tilt range 100°,
swivel range 180°, M20 cable gland,
integral driver (AC/DC)

Nightspot A2 pole luminaire, narrow beam (with secondary reflector)

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 983 246 019	black	2.5 kg	1 x LED module 28 W warm white (3000 K)	2308 lm	11°
8 983 266 019	white				
8 983 256 019	silver grey				

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 983 245 019	black	2.5 kg	1 x LED module 28 W neutral white (4000 K)	2492 lm	11°
8 983 265 019	white				
8 983 255 019	silver grey				

Nightspot A2 pole luminaire, narrow beam (with secondary reflector)

Part number*	Colour	Description	Luminous flux	Beam angle γ (FWHM)	
8 983 246 079	black	Luminaire with ribbed glass spreader lense , internally fitted, for linear beam distribution, continuously adjustable through 360°	1974 lm	C 0 – 180	C 90 – 270
8 983 266 079	white			17°	40°
8 983 256 079	silver grey				
Weight 2.9 kg					

Nightspot A2 pole luminaire, medium wide beam (with secondary reflector)

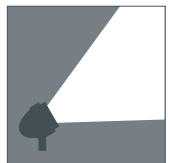
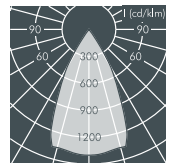
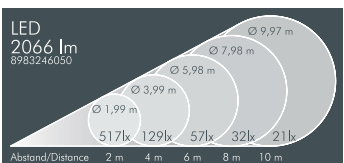
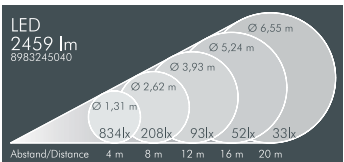
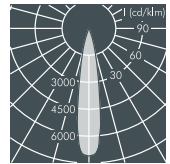
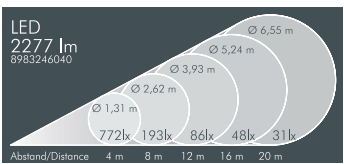
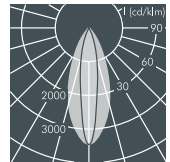
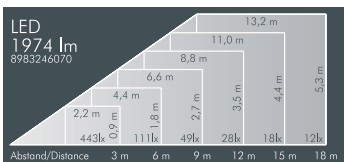
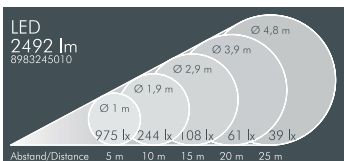
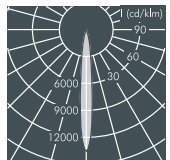
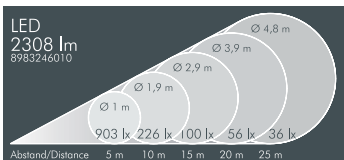
Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 983 246 049	black	2.5 kg	1 x LED module 28 W warm white (3000 K)	2277 lm	19°
8 983 266 049	white				
8 983 256 049	silver grey				

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 983 245 049	black	2.5 kg	1 x LED module 28 W neutral white (4000 K)	2459 lm	19°
8 983 265 049	white				
8 983 255 049	silver grey				

Nightspot A2 pole luminaire, wide beam (secondary reflector available as accessory)

Part number*	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 983 246 059	black	2.5 kg	1 x LED module 28 W warm white (3000 K)	2066 lm	53°
8 983 266 059	white				
8 983 256 059	silver grey				

Part number	Protection class I luminaire
... 1..	Dimmable version (DALI)
... 2..	Dimmable version (1-10 V)
Part number	Protection class II luminaire
... 5..	Luminaire not dimmable
... 6..	Dimmable version (DALI)
... 7..	Dimmable version (1-10 V)



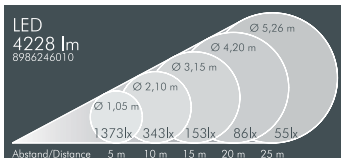
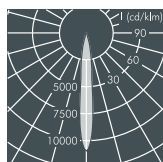
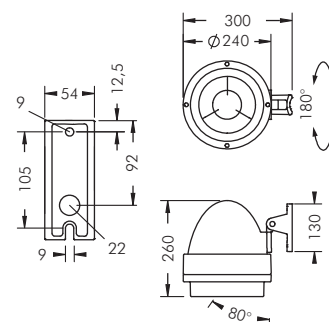
*These luminaires are also available with neutral white LED (4000 K) upon request.

LED (see page 247)
Luminaires available in 2700 K or other colour temperatures upon request



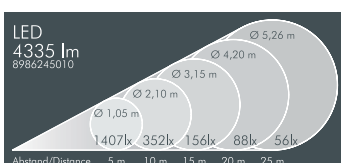
Nightspot B pole luminaire

With high performance LED module (Zhaga),
integral temperature monitoring device,
CRI: > 85, Colour tolerance: 2 SDCM
Service life: L90/B10 > 50 000 h
protection class I or II, IP67 , IK08
windage area AW 0.05 m²
corrosion-resistant die cast aluminium housing AlSi12,
polyester powder coated,
rotationally symmetrical aluminium reflector,
integral secondary reflector to reduce glare,
all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket,
closure with 4 stainless steel screws,
for pole diameter Ø 60 - 100 mm,
rotatable, powder coated aluminium mounting base:
2 drilled holes Ø 9 mm, spacing 105 mm,
1 centre hole Ø 22 mm, tilt range 80°,
swivel range 180°, M20 cable gland,
integral driver (AC/DC)

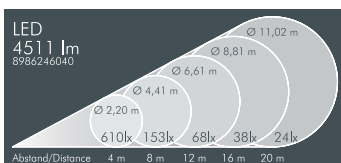
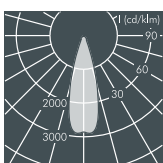


Nightspot B pole luminaire, narrow beam (with secondary reflector)

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 986 246 019	black	5.5 kg	1 x LED module 54 W warm white (3000 K)	4228 lm	12°
8 986 266 019	white				
8 986 256 019	silver grey				

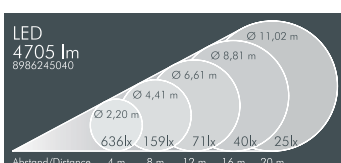


Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 986 245 019	black	5.5 kg	1 x LED module 54 W neutral white (4000 K)	4335 lm	12°
8 986 265 019	white				
8 986 255 019	silver grey				

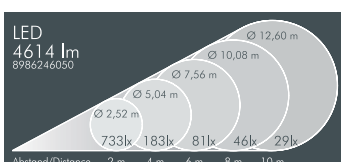
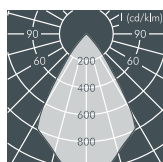


Nightspot B pole luminaire, medium wide beam (with secondary reflector)

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 986 246 049	black	5.5 kg	1 x LED module 54 W warm white (3000 K)	4511 lm	31°
8 986 266 049	white				
8 986 256 049	silver grey				

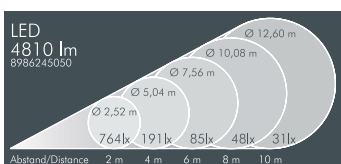


Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 986 245 049	black	5.5 kg	1 x LED module 54 W neutral white (4000 K)	4705 lm	31°
8 986 265 049	white				
8 986 255 049	silver grey				



Nightspot B pole luminaire, wide beam (secondary reflector available as accessory)

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 986 246 059	black	5.5 kg	1 x LED module 54 W warm white (3000 K)	4614 lm	64°
8 986 266 059	white				
8 986 256 059	silver grey				



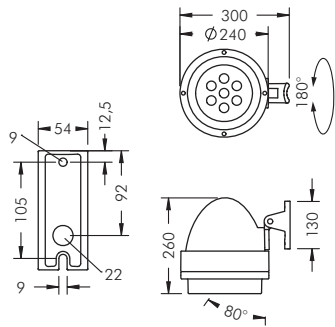
Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 986 245 059	black	5.5 kg	1 x LED module 54 W neutral white (4000 K)	4810 lm	64°
8 986 265 059	white				
8 986 255 059	silver grey				

Part number	Protection class I luminaire
1 ..	Dimmable version (DALI)
2 ..	Dimmable version (1-10 V)
Protection class II luminaire	
5 ..	Luminaire not dimmable
6 ..	Dimmable version (DALI)
7 ..	Dimmable version (1-10 V)

LED (see page 247)

Luminaires available in 2700 K or other colour temperatures upon request

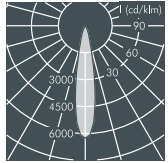
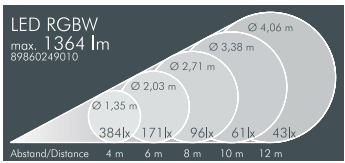




Nightspot B RGBW pole luminaire
With high performance LED modules RGBW, external DMX-controller required, integral temperature monitoring device protection class I, IP67  , IK08 windage area A_W 0.05 m² corrosion-resistant die cast aluminium housing AlSi12, polyester powder coated, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, for pole diameter Ø 60 - 100 mm, rotatable, powder coated aluminium mounting base: 2 drilled holes Ø 9 mm, spacing 105 mm, 1 centre hole Ø 22 mm, tilt range 80°, swivel range 180°, M20 cable gland, connection by hybrid cable 230 V/DMX, RDM compatible integral driver (AC/DC)

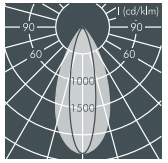
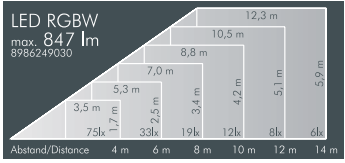
Nightspot B RGBW pole luminaire, narrow beam

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)
8 986 249 019	black	7 x LED module RGBW 1.5 W	max.	19°
8 986 269 019	white	W = 4000 K	1364 lm	
8 986 259 019	silver grey	(max. 42 W)		
Weight 5.8 kg				



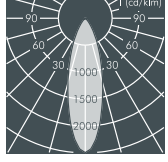
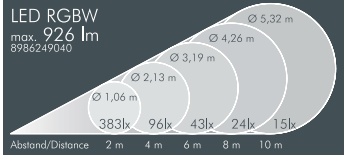
Nightspot B RGBW pole luminaire, elliptical beam spread

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)
8 986 249 039	black	7 x LED module RGBW 1.5 W	max.	C 0 – 180
8 986 269 039	white	W = 4000 K	847 lm	C 90 – 270
8 986 259 039	silver grey	(max. 42 W)		
Weight 5.8 kg				



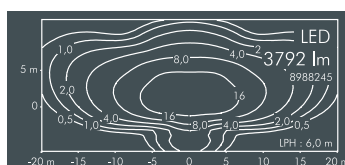
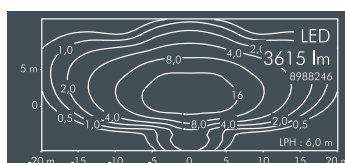
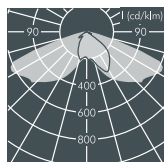
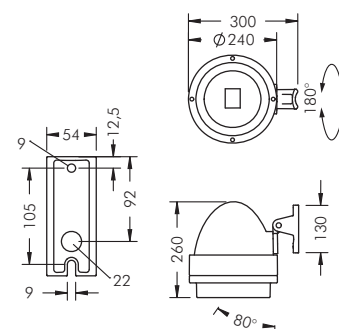
Nightspot B RGBW pole luminaire, medium wide beam

Part number	Colour	Light source	Luminous flux	Beam angle γ (FWHM)
8 986 249 049	black	7 x LED module RGBW 1.5 W	max.	30°
8 986 269 049	white	W = 4000 K	926 lm	
8 986 259 049	silver grey	(max. 42 W)		
Weight 5.8 kg				



Nightspot B pole luminaire Street Optic

With high performance LED module,
integral temperature monitoring device,
CRI: > 80, Colour tolerance: 3 SDCM
Service life: L80/B20 > 50 000 h
protection class I or II, IP67 , IK08
windage area A_W 0.05 m²
corrosion-resistant die cast aluminium housing AlSi12,
polyester powder coated,
lens made of high efficiency optical silicon,
all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket,
closure with 4 stainless steel screws,
for pole diameter Ø 60 - 100 mm,
rotatable, powder coated aluminium mounting base:
2 drilled holes Ø 9 mm, spacing 105 mm,
1 centre hole Ø 22 mm, tilt range 80°,
swivel range 180°, M20 cable gland,
integral driver



Nightspot B pole luminaire, Street Optic

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)	
8 988 246 009	black	5.3 kg	1 x LED module 41 W warm white (3000 K)	3615 lm	C 0 – 180	C 90 – 270
8 988 266 009	white				63°	28°
8 988 256 009	silver grey					

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)	
8 988 245 009	black	5.3 kg	1 x LED module 41 W neutral white (4000 K)	3792 lm	C 0 – 180	C 90 – 270
8 988 265 009	white				63°	28°
8 988 255 009	silver grey					

Part number	Protection class I luminaire
1..	Dimmable version (DALI)
2..	Dimmable version (1-10 V)
	Protection class II luminaire
5..	Luminaire not dimmable
6..	Dimmable version (DALI)
7..	Dimmable version (1-10 V)

Illumination examples (according to DIN EN 13201-2)

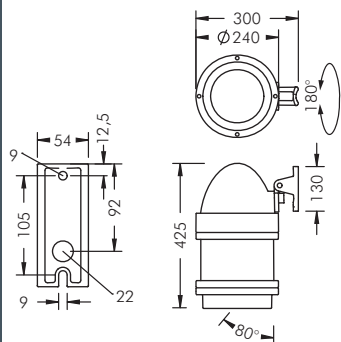
	Lighting situation			
	S(P)2	S(P)3	S(P)4	S(P)5
LPH	6 m	6 m	6 m	6 m
D	30 m	36 m	40 m	42 m
D/H	5	6	6.7	7
Em	10.1 lx	8.4 lx	7.6 lx	7.2 lx
E_{min}	4.4 lx	1.5 lx	1.0 lx	0.7 lx
E_{min}/Em	0.43	0.22	0.13	0.1
TI*	15%	17%	19%	20%

* TI: Threshold Increment (unit for measuring glare).
A low TI value indicates a low glare factor.

LED (see page 247)

Luminaires available in 2700 K or other colour temperatures upon request





Nightspot B/RGBW Gobo pole luminaire

Monochrome: With high performance LED module, CRI: > 70, Colour tolerance: max. 4 SDCM
Service life: L70/B20 > 50 000 h
protection class I or II, IP67                      



Accessories Nightspot

A2

Part number	Colour	Description
129 0 578 940	black	Cowl , stainless steel, to avoid lateral glare, for retro-fitting. Only one accessory per luminaire, not in combination.
129 0 578 960	white	
129 0 578 950	silver grey	

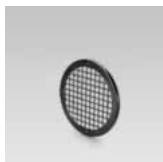
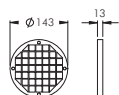
B

Part number	Colour	Description
129 0 320 940	black	Cowl , stainless steel, to avoid lateral glare, for retro-fitting. Only one accessory per luminaire, not in combination.
129 0 320 960	white	
129 0 320 950	silver grey	



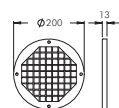
A2

Part number	Colour	Description
129 0 591 940	black	Protection grill , stainless steel, to protect the glass lens from breakage and vandalism, for retro-fitting
129 0 591 960	white	
129 0 591 950	silver grey	



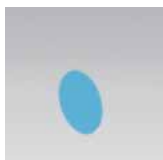
B

Part number	Colour	Description
129 0 340 940	black	Protection grill , stainless steel, to protect the glass lens from breakage and vandalism, for retro-fitting
129 0 340 960	white	
129 0 340 950	silver grey	



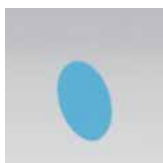
A2

Part number	Colour	Description
129 0 581 000	yellow	Dichroic colour filter , internally fitted
129 0 587 000	red	
129 0 583 000	blue	
129 0 588 000	green	



B*

Part number	Colour	Description
129 0 681 000	yellow	Dichroic colour filter , internally fitted *not suitable for luminaires 8 988 ...
129 0 687 000	red	
129 0 683 000	blue	
129 0 688 000	green	



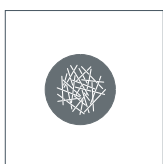
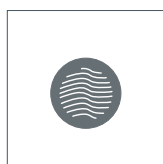
B Gobo

Part number	Colour	Description
129 0 551 000	yellow	Dichroic colour filter , internally fitted
129 0 557 000	red	
129 0 553 000	blue	
129 0 558 000	green	



B Gobo / B RGBW Gobo

Part number	Description
129 0 257 000	Framer for sharp edges on 3 or 4-sided images

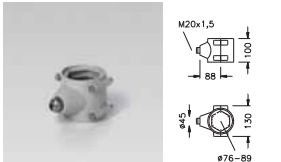


Part number	Part number	Part number	Description
129 0 489 000	129 0 490 000	129 0 491 000	Standardgobos Ø 50 mm
Example waves	Example stars	Example hash	

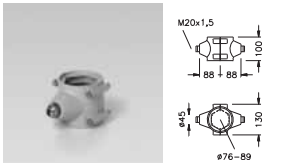
Custom made gobos can be produced from Image data in one of the following file formats: **EPS** (min. 300 dpi), **TIF** (min. 300 dpi), **JPG** (in low compression).

Max. image size D on gobo: D = 38 mm (outer diameter gobo 50 mm)

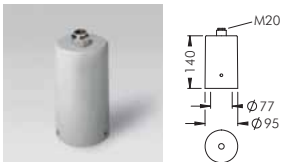
A2, B		
Part number	Colour	Description
119 0 033 940	black	Single pole mount clamp, aluminium, for poles Ø 76 – 89 mm
119 0 033 960	white	
119 0 033 950	silver grey	



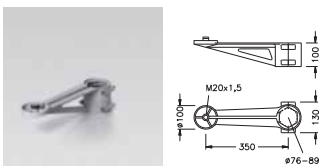
A2, B		
Part number	Colour	Description
119 0 034 940	black	Double pole mount clamp, aluminium, for poles Ø 76 – 89 mm
119 0 034 960	white	
119 0 034 950	silver grey	



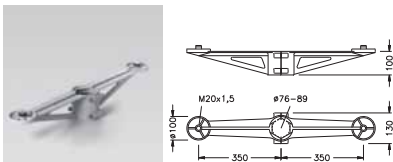
A2, B, B Gobo		
Part number	Colour	Description
128 0 626 940	black	Pole Top Fitter, aluminium, for 76 mm pole top, with M20 x 1.5 connection thread, for installation of one luminaire
128 0 626 960	white	
128 0 626 950	silver grey	

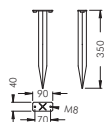


A2, B, B Gobo		
Part number	Colour	Description
119 0 031 940	black	Single pole mount arm, aluminium, for poles Ø 76 – 89 mm
119 0 031 960	white	
119 0 031 950	silver grey	

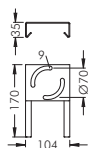


A2, B, B Gobo		
Part number	Colour	Description
119 0 032 940	black	Double pole mount arm, aluminium, for poles Ø 76 – 89 mm
119 0 032 960	white	
119 0 032 950	silver grey	



**A2, B**

Part number	Colour	Description
129 0 390 940	black	Stainless steel earth spike, for use in landscape lighting
129 0 390 960	white	
129 0 390 950	silver grey	



Part number	Description
120 0 623 940	Expandable tree strap with mounting plate, made of polyester fiber for trunk circumference 350 – 450 mm*, with polyester powder coated mounting plate

*different lengths available upon request

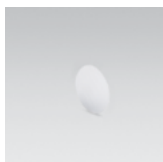
**A2, B, wide beam**

A2	B	Description
Part number	Part number	Description
129 0 653 000	129 0 660 000	Secondary reflector, internally fitted, to avoid direct glare

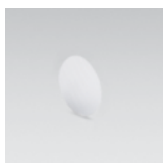
**B*, narrow beam, medium wide beam**

Part number	Description	Half beam angle γ	
129 0 647 000	Prismatic glass, for diffused light distribution	narrow beam	medium wide beam
		24°	47°

*not suitable for luminaires **8 988 ...**

**A2, narrow beam**

Part number	Description	Half beam angle γ	
129 0 580 000	Ribbed glass, internally fitted, for linear beam control, continuously adjustable 360°	C 0-180	C 90-270
		17°	40°

**B*, narrow beam, medium wide beam**

Part number	Description	Half beam angle γ			
129 0 627 000	Ribbed glass, internally fitted, for linear beam control, continuously adjustable 360°	narrow beam		medium wide beam	
		C 0-180	C 90-270	C 0-180	C 90-270
		15°	34°	32°	55°

*not suitable for luminaires **8 988 ...**