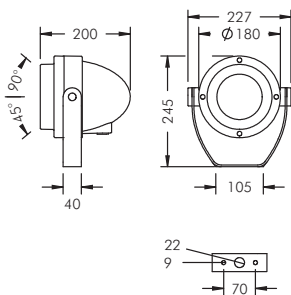


Nightspot LED



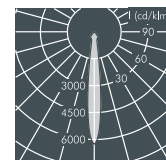
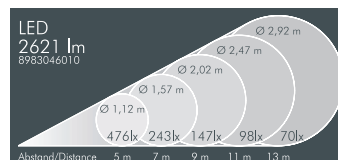
Nightspot A2 LED with mounting bracket

With a high performance LED module and integral temperature monitoring device protection class I, IP65 $\diamond \triangle \triangle$, IK08 windage area AW 0.035 m² die cast aluminium housing, 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 bracket with tilt scale: 2 drilled holes \varnothing 9 mm, spacing 70 mm, 1 centre hole \varnothing 22 mm, tilt range 135°, M20 cable gland, integral driver (AC/DC)

Nightspot A2 LED with mounting bracket, narrow beam

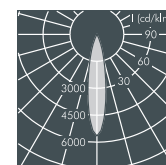
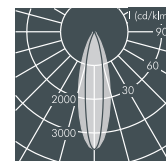
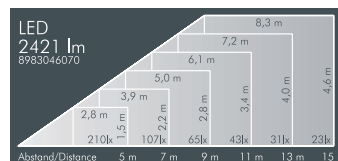
Part number*	Colour	Light source	Weight	Half beam angle γ
8 983 046 019	black	1 x LED module 33 W	2.7 kg	13°
8 983 066 019	white	warm white (3000 K)		
8 983 056 019	silver grey			

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



Nightspot A2 LED with mounting bracket, narrow beam

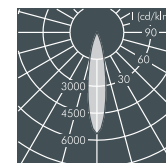
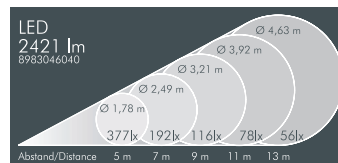
Part number	Description	Half beam angle γ
.7.	Luminaire with ribbed glass spreader lens, internally fitted, for linear beam distribution, continuously adjustable through 360°	C 0 - 180 17° C 90 - 270 31°



Nightspot A2 LED with mounting bracket, medium wide beam

Part number*	Colour	Light source	Weight	Half beam angle γ
8 983 046 049	black	1 x LED module 33 W	2.7 kg	20°
8 983 066 049	white	warm white (3000 K)		
8 983 056 049	silver grey			

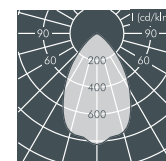
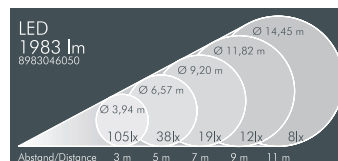
*These luminaires are also available with neutral white LED (4000 K) upon request.



Nightspot A2 LED with mounting bracket, wide beam (without secondary reflector)

Part number*	Colour	Light source	Weight	Half beam angle γ
8 983 046 059	black	1 x LED module 33 W	2.7 kg	67°
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	Description
. 1..	Dimmable luminaire (DALI)
. 2..	Dimmable luminaire (1-10 V)

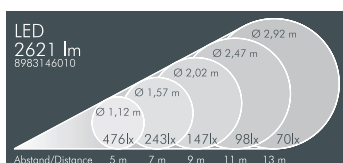
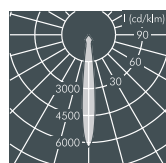
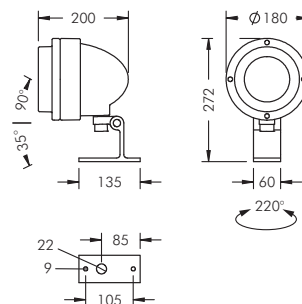
LED

LEDs, replacement modules available



Nightspot A2 LED, with mounting base

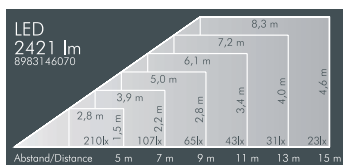
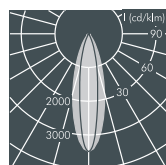
With a high performance LED module and integral temperature monitoring device protection class I, IP65 $\blacklozenge\blacktriangle\blacktriangle$, IK08 windage area AW 0.035 m² die cast aluminium housing, polyester powder coated, rotationally symmetrical aluminium reflector, integral secondary reflector to reduce glare, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, adjustable aluminium mounting base, powder coated: 2 drilled holes \varnothing 9 mm, spacing 105 mm, 1 centre hole \varnothing 22 mm, tilt range 125°, swivel range 220°, M20 cable gland, integral driver (AC/DC)



Nightspot A2 LED with mounting base, narrow beam

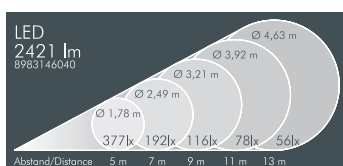
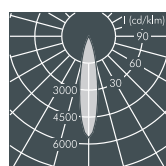
Part number*	Colour	Light source	Weight	Half beam angle γ
8 983 146 019	black	1 x LED module 33 W	2.5 kg	13°
8 983 166 019	white	warm white (3000 K)		
8 983 156 019	silver grey			

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



Nightspot A2 LED with mounting base, narrow beam

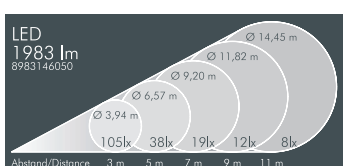
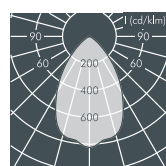
Part number	Description	Half beam angle γ
.....7.	Luminaire with ribbed glass spreader lens, internally fitted, for linear beam distribution, continuously adjustable through 360°	C 0 - 180 17° C 90 - 270 31°



Nightspot A2 LED with mounting base, medium wide beam

Part number*	Colour	Light source	Weight	Half beam angle γ
8 983 146 049	black	1 x LED module 33 W	2.5 kg	20°
8 983 166 049	white	warm white (3000 K)		
8 983 156 049	silver grey			

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



Nightspot A2 LED with mounting base, wide beam (without secondary reflector)

Part number*	Colour	Light source	Weight	Half beam angle γ
8 983 146 059	black	1 x LED module 33 W	2.5 kg	67°
8 983 166 059	white	warm white (3000 K)		
8 983 156 059	silver grey			

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

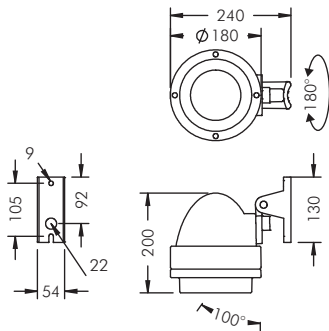


Part number	Description
..... 1..	Dimmable luminaire (DALI)
..... 2..	Dimmable luminaire (1-10 V)

LED

LEDs, replacement modules available





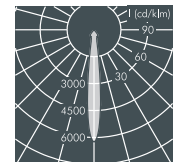
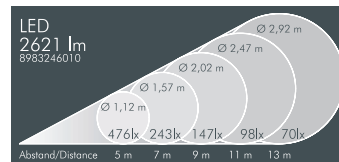
Nightspot A2 LED, pole luminaire

With a high performance LED module and integral temperature monitoring device protection class I, IP65 \triangle \triangle \triangle , IK08 windage area AW 0.035 m² die cast aluminium housing, 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 \varnothing 60 - 100 mm, powder coated aluminium mounting base: 2 drilled holes \varnothing 9 mm, spacing 105 mm, 1 centre hole \varnothing 22 mm, tilt range 100°, M20 cable gland, integral driver (AC/DC)

Nightspot A2 LED, pole luminaire, narrow beam

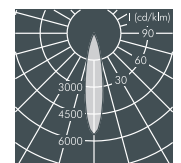
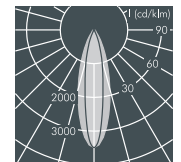
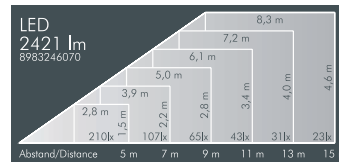
Part number*	Colour	Light source	Weight	Half beam angle γ
8 983 246 019	black	1 x LED module 33 W	2.5 kg	13°
8 983 266 019	white	warm white (3000 K)		
8 983 256 019	silver grey			

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



Nightspot A2 LED, pole luminaire, narrow beam

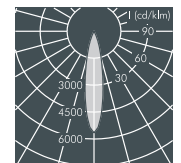
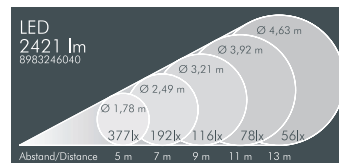
Part number	Description	Half beam angle γ	
		C 0 - 180	C 90 - 270
. 7.	Luminaire with ribbed glass spreader lens, internally fitted, for linear beam distribution, continuously adjustable through 360°	17°	31°



Nightspot A2 LED, pole luminaire, medium wide beam

Part number*	Colour	Light source	Weight	Half beam angle γ
8 983 246 049	black	1 x LED module 33 W	2.5 kg	20°
8 983 266 049	white	warm white (3000 K)		
8 983 256 049	silver grey			

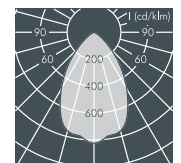
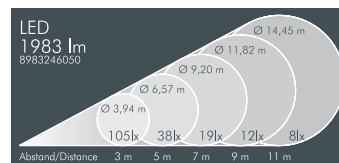
*These luminaires are also available with neutral white LED (4000 K) upon request.



Nightspot A2 LED, pole luminaire, wide beam (without secondary reflector)

Part number*	Colour	Light source	Weight	Half beam angle γ
8 983 246 059	black	1 x LED module 33 W	2.5 kg	67°
8 983 266 059	white	warm white (3000 K)		
8 983 256 059	silver grey			

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



Part number	Description
. 1..	Dimmable luminaire (DALI)
. 2..	Dimmable luminaire (1-10 V)

LED

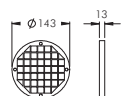
LEDs, replacement modules available



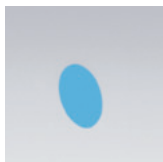


Accessories Nightspot A2 LED

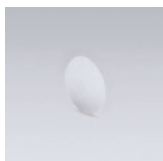
Part number	Colour	Description
129 0 578 940	black	Cowl,
129 0 578 960	white	stainless steel,
129 0 578 950	silver grey	to avoid lateral glare



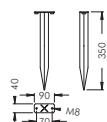
Part number	Colour	Description
129 0 591 940	black	Protection grill, stainless steel,
129 0 591 960	white	to protect the glass lens from breakage and
129 0 591 950	silver grey	vandalism, for retrofitting



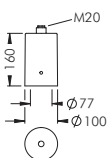
Part number	Colour	Description
129 0 581 000	yellow	Colour filter,
129 0 587 000	red	internally fitted
129 0 583 000	blue	
129 0 588 000	green	



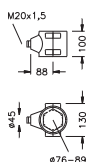
Accessories Nightspot A2 LED, narrow beam		Half beam angle γ	
Part number	Description	C 0-180	C 90-270
129 0 580 000	Ribbed glass, internally fitted, for linear beam control, continuously adjustable 360°	17°	31°



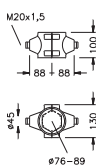
Accessories Nightspot A2 LED, with mounting bracket		
Part number	Colour	Description
129 0 390 940	black	Stainless steel earth spike,
129 0 390 960	white	for use in landscape lighting
129 0 390 950	silver grey	



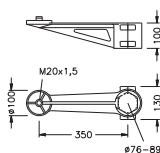
Part number	Colour	Description
128 0 626 940	black	Pole Top Fitter, aluminium,
128 0 626 960	white	for 76 mm pole top, with M20 x 1.5 connection thread,
128 0 626 950	silver grey	for installation of one luminaire



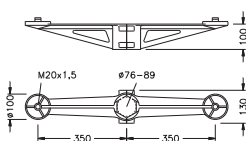
Part number	Colour	Description
119 0 033 940	black	Single pole mount clamp,
119 0 033 960	white	aluminium,
119 0 033 950	silver grey	for poles \varnothing 76 – 89 mm



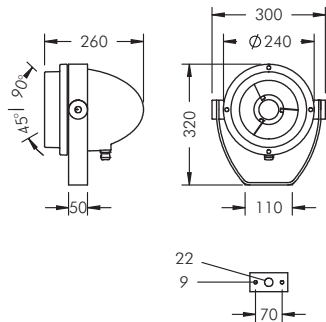
Part number	Colour	Description
119 0 034 940	black	Double pole mount clamp,
119 0 034 960	white	aluminium,
119 0 034 950	silver grey	for poles \varnothing 76 – 89 mm



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



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

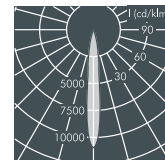
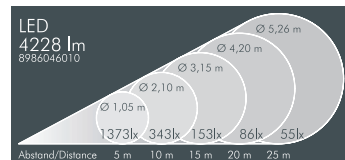


Nightspot B LED with mounting bracket

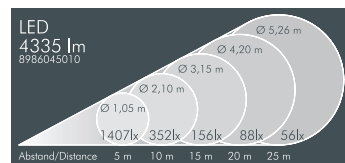
With a high performance LED module (Zhaga), integral temperature monitoring device protection class I, IP65 , IK08 windage area AWW 0.05 m² die cast aluminium housing, polyester powder coated, rotationally symmetrical aluminium reflector, integral secondary reflector to reduce glare, all exterior steel 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 \varnothing 9 mm, spacing 70 mm, 1 centre hole \varnothing 22 mm, tilt range 135°, M20 cable gland, integral driver (AC/DC)

Nightspot B LED with mounting bracket, narrow beam

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

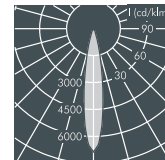
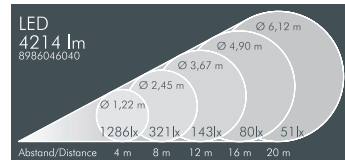


Part number	Colour	Light source	Weight	Half beam angle γ
8 986 045 019	black	1 x LED module 54 W	5.0 kg	12°
8 986 065 019	white	neutral white (4000 K)		
8 986 055 019	silver grey			

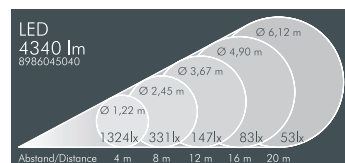


Nightspot B LED with mounting bracket, medium wide beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 986 046 049	black	1 x LED module 54 W	5.0 kg	18°
8 986 066 049	white	warm white (3000 K)		
8 986 056 049	silver grey			

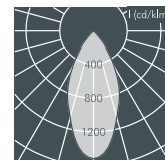
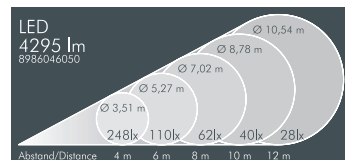


Part number	Colour	Light source	Weight	Half beam angle γ
8 986 045 049	black	1 x LED module 54 W	5.0 kg	18°
8 986 065 049	white	neutral white (4000 K)		
8 986 055 049	silver grey			

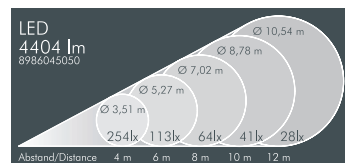


Nightspot B LED with mounting bracket, wide beam (without secondary reflector)

Part number	Colour	Light source	Weight	Half beam angle γ
8 986 046 059	black	1 x LED module 54 W	5.0 kg	48°
8 986 066 059	white	warm white (3000 K)		
8 986 056 059	silver grey			



Part number	Colour	Light source	Weight	Half beam angle γ
8 986 045 059	black	1 x LED module 54 W	5.0 kg	48°
8 986 065 059	white	neutral white (4000 K)		
8 986 055 059	silver grey			



Part number	Description
. 1..	Dimmable version (DALI)

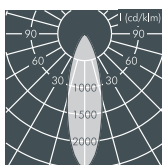
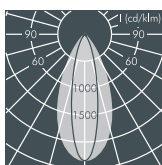
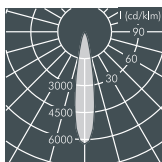
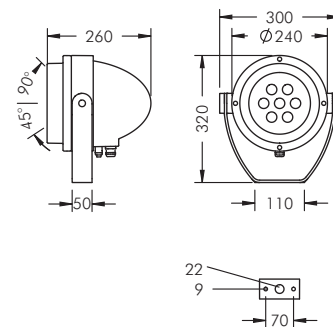
LED

LEDs, replacement modules available



Nightspot B RGBW-LED with mounting bracket

With 7 x RGBW high performance LEDs, external DMX-controller required, integral temperature monitoring device protection class I, IP65 \blacklozenge \blacktriangle \blacktriangle , IK08 windage area AW 0.05 m² die cast aluminium housing, 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 \varnothing 9 mm, spacing 70 mm, 1 centre hole \varnothing 22 mm, tilt range 135°, M20 cable gland for power supply and M12 cable gland for DMX signal In, integral driver (AC/DC)



Nightspot B RGBW-LED, with mounting bracket, narrow beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 986 049 019	black	7 x LED RGBW 1.5 W (max. 42 W)	6.1 kg	19°
8 986 069 019	white			
8 986 059 019	silver grey			

Nightspot B RGBW-LED, with mounting bracket, elliptical beam spread

Part number	Colour	Light source	Weight	Half beam angle γ	
8 986 049 039	black	7 x LED RGBW 1.5 W (max. 42 W)	6.1 kg	C 0 – 180	C 90 – 270
8 986 069 039	white			24°	47°
8 986 059 039	silver grey				

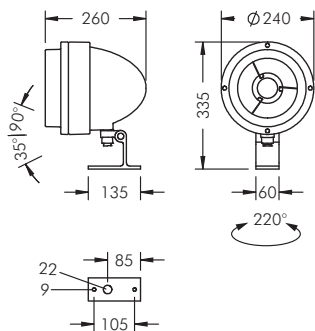
Nightspot B RGBW-LED, with mounting bracket, medium wide beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 986 049 049	black	7 x LED RGBW 1.5 W (max. 42 W)	6.1 kg	30°
8 986 069 049	white			
8 986 059 049	silver grey			


LED

LEDs, replacement modules available



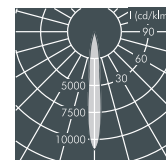
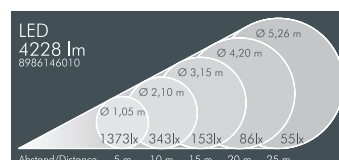


Nightspot B LED with mounting base

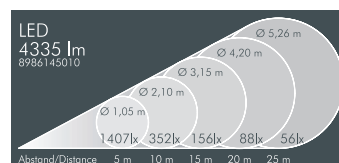
With a high performance LED module (Zhaga), integral temperature monitoring device protection class I, IP65 , IK08 windage area AW 0.05 m² die cast aluminium housing, polyester powder coated, rotationally symmetrical aluminium reflector, integral secondary reflector to reduce glare, all exterior steel 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 LED with mounting base, narrow beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 986 146 019	black	1 x LED module 54 W	4.8 kg	12°
8 986 166 019	white	warm white (3000 K)		
8 986 156 019	silver grey			

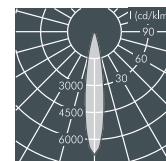
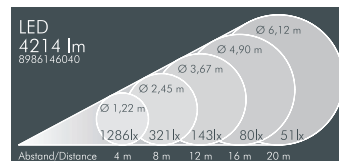


Part number	Colour	Light source	Weight	Half beam angle γ
8 986 145 019	black	1 x LED module 54 W	4.8 kg	12°
8 986 165 019	white	neutral white (4000 K)		
8 986 155 019	silver grey			

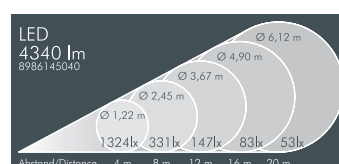


Nightspot B LED with mounting base, medium wide beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 986 146 049	black	1 x LED module 54 W	4.8 kg	18°
8 986 166 049	white	warm white (3000 K)		
8 986 156 049	silver grey			

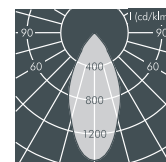
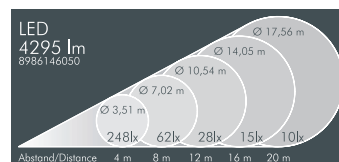


Part number	Colour	Light source	Weight	Half beam angle γ
8 986 145 049	black	1 x LED module 54 W	4.8 kg	18°
8 986 165 049	white	neutral white (4000 K)		
8 986 155 049	silver grey			

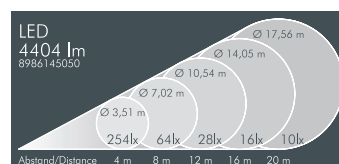


Nightspot B LED with mounting base, wide beam (without secondary reflector)

Part number	Colour	Light source	Weight	Half beam angle γ
8 986 146 059	black	1 x LED module 54 W	4.8 kg	48°
8 986 166 059	white	warm white (3000 K)		
8 986 156 059	silver grey			



Part number	Colour	Light source	Weight	Half beam angle γ
8 986 145 059	black	1 x LED module 54 W	4.8 kg	48°
8 986 165 059	white	neutral white (4000 K)		
8 986 155 059	silver grey			



Part number	Description
... .. 1..	Dimmable version (DALI)

LED

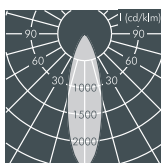
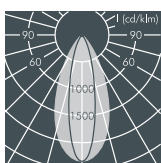
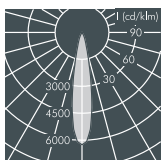
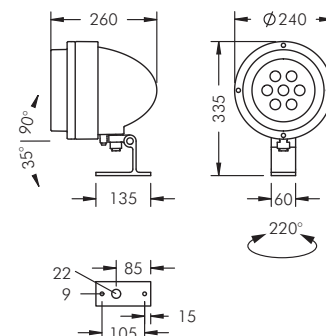
LEDs, replacement modules available



Nightspot B RGBW-LED with mounting base

With 7 x RGBW high performance LEDs, external DMX-controller required, integral temperature monitoring device protection class I, IP65 \blacklozenge \blacktriangle \blacktriangle , IK08 windage area AW 0.05 m²

die cast aluminium housing, 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 \varnothing 9 mm, spacing 105 mm, 1 centre hole \varnothing 22 mm, tilt range 125°, swivel range 220°, M20 cable gland for power supply and M12 cable gland for DMX signal In, integral driver (AC/DC)



Nightspot B RGBW-LED, with mounting base, narrow beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 986 149 019	black	7 x LED RGBW 1.5 W (max. 42 W)	5.9 kg	19°
8 986 169 019	white			
8 986 159 019	silver grey			

Nightspot B RGBW-LED, with mounting base, elliptical beam spread

Part number	Colour	Light source	Weight	Half beam angle γ	
8 986 149 039	black	7 x LED RGBW 1.5 W (max. 42 W)	5.9 kg	C 0 – 180	C 90 – 270
8 986 169 039	white			24°	47°
8 986 159 039	silver grey				

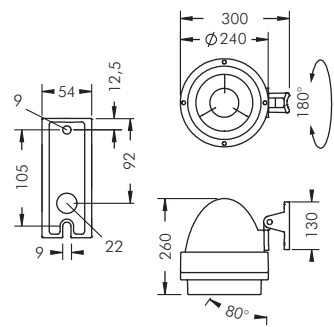
Nightspot B RGBW-LED, with mounting base, medium wide beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 986 149 049	black	7 x LED RGBW 1.5 W (max. 42 W)	5.9 kg	30°
8 986 169 049	white			
8 986 159 049	silver grey			

LED

LEDs, replacement modules available



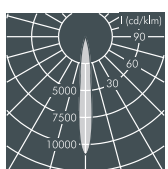
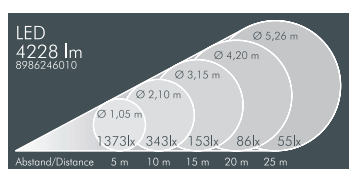


Nightspot B LED, pole luminaire

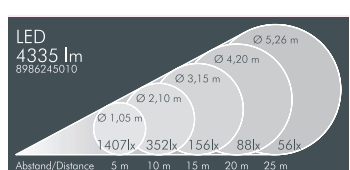
With a high performance LED module, integral temperature monitoring device protection class I, IP65 \blacklozenge \blacktriangle \blacktriangle , IK08 windage area AW 0.05 m² die cast aluminium housing, polyester powder coated, rotationally symmetrical aluminium reflector, integral secondary reflector 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 LED, pole luminaire, narrow beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 986 246 019	black	1 x LED module 54 W	4.8 kg	12°
8 986 266 019	white	warm white (3000 K)		
8 986 256 019	silver grey			

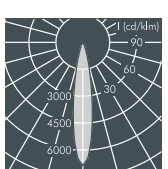
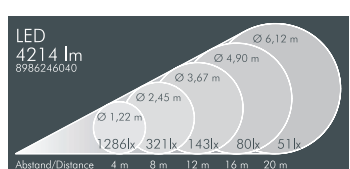


Part number	Colour	Light source	Weight	Half beam angle γ
8 986 245 019	black	1 x LED module 54 W	4.8 kg	12°
8 986 265 019	white	neutral white (4000 K)		
8 986 255 019	silver grey			

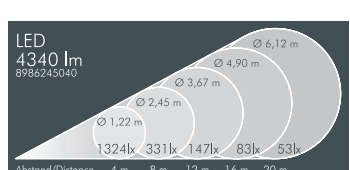


Nightspot B LED, pole luminaire, medium wide beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 986 246 049	black	1 x LED module 54 W	4.8 kg	18°
8 986 266 049	white	warm white (3000 K)		
8 986 256 049	silver grey			

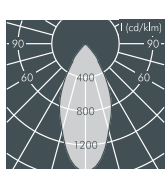
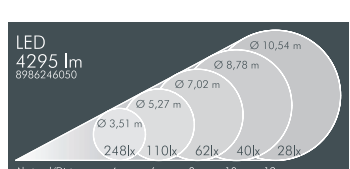


Part number	Colour	Light source	Weight	Half beam angle γ
8 986 245 049	black	1 x LED module 54 W	4.8 kg	18°
8 986 265 049	white	neutral white (4000 K)		
8 986 255 049	silver grey			

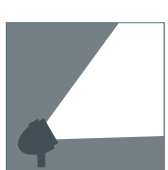
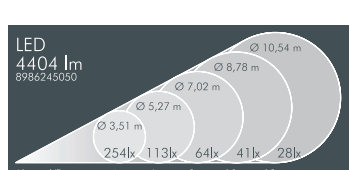


Nightspot B LED, pole luminaire, wide beam (without secondary reflector)

Part number	Colour	Light source	Weight	Half beam angle γ
8 986 246 059	black	1 x LED module 54 W	4.8 kg	48°
8 986 266 059	white	warm white (3000 K)		
8 986 256 059	silver grey			



Part number	Colour	Light source	Weight	Half beam angle γ
8 986 245 059	black	1 x LED module 54 W	4.8 kg	48°
8 986 265 059	white	neutral white (4000 K)		
8 986 255 059	silver grey			





Part number	Description
. 1..	Dimmable version (DALI)

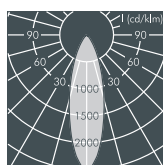
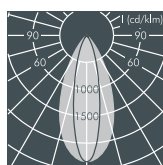
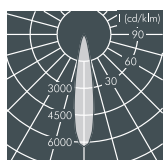
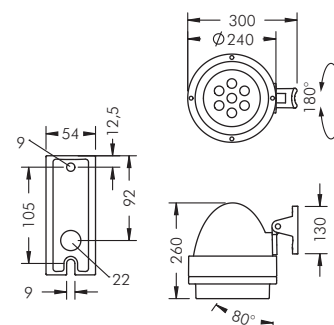
LED

LEDs, replacement modules available



Nightspot B RGBW-LED, pole luminaire

With 7 x RGBW high performance LEDs, external DMX-controller required, integral temperature monitoring device protection class I, IP65   , IK08 windage area AW 0.05 m² die cast aluminium housing, 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, integral driver (AC/DC)



Nightspot B RGBW-LED, pole luminaire, narrow beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 986 249 019	black	7 x LED RGBW 1.5 W (max. 42 W)	5.9 kg	19°
8 986 269 019	white			
8 986 259 019	silver grey			

Nightspot B RGBW-LED, pole luminaire, elliptical beam spread

Part number	Colour	Light source	Weight	Half beam angle γ	
8 986 249 039	black	7 x LED RGBW 1.5 W (max. 42 W)	5.9 kg	C 0 – 180	C 90 – 270
8 986 269 039	white			24°	47°
8 986 259 039	silver grey				

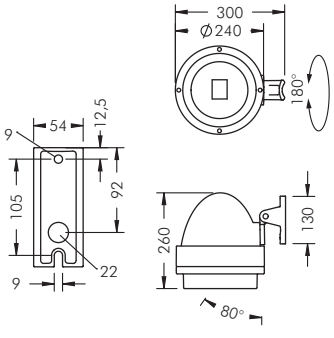
Nightspot B RGBW-LED, pole luminaire, medium wide beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 986 249 049	black	7 x LED RGBW 1.5 W (max. 42 W)	5.9 kg	30°
8 986 269 049	white			
8 986 259 049	silver grey			

LED

LEDs, replacement modules available





Nightspot B LED, pole luminaire Street Optic

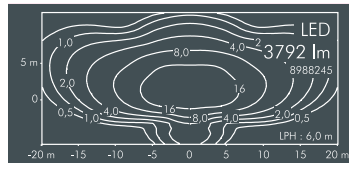
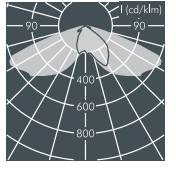
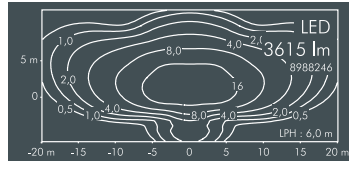
With a high performance LED module, integral temperature monitoring device protection class I, IP65 \blacklozenge \blacktriangle \blacktriangle , IK08 windage area AW 0.05 m² die cast aluminium housing, polyester powder coated, lens made of high efficiency optical silicon, all exterior steel parts are 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 LED, pole luminaire, Street Optic

Part number	Colour	Light source	Weight	Half beam angle γ	
8 988 246 009	black	1 x LED module 41 W	5.6 kg	C 0 – 180	C 90 – 270
8 988 266 009	white	warm white (3000 K)		63°	28°
8 988 256 009	silver grey				

Part number	Colour	Light source	Weight	Half beam angle γ	
8 988 245 009	black	1 x LED module 41 W	5.6 kg	C 0 – 180	C 90 – 270
8 988 265 009	white	neutral white (4000 K)		63°	28°
8 988 255 009	silver grey				

Part number	Description
. 1..	Dimmable version (DALI)



Illumination examples (according to DIN EN 13201-2)

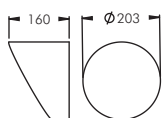
	Lighting situation			
	S(P)2	S(P)3	S(P)4	S(P)5
LPH	6 m	6 m	6 m	6 m
D	30 m	36 m	40 m	42 m
D/H	5	6	6.7	7
Em	10.1 lx	8.4 lx	7.6 lx	7.2 lx
E_{min}	4.4 lx	1.5 lx	1.0 lx	0.7 lx
E_{min}/E_m	0.43	0.22	0.13	0.1
TI*	15%	17%	19%	20%

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

LED

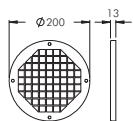
LEDs, replacement modules available



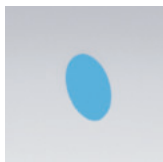


Accessories Nightspot B LED

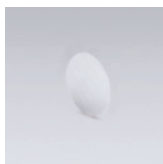
Part number	Colour	Description
129 0 320 940	black	Cowl,
129 0 320 960	white	stainless steel,
129 0 320 950	silver grey	to avoid lateral glare



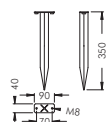
Part number	Colour	Description
129 0 340 940	black	Protection grill,
129 0 340 960	white	stainless steel,
129 0 340 950	silver grey	to protect the glass lens from breakage and vandalism, for retrofitting



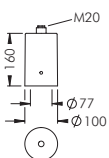
Part number	Colour	Description
129 0 631 000	yellow	Colour filter,
129 0 637 000	red	internally fitted
129 0 633 000	blue	
129 0 638 000	green	



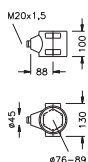
Accessories Nightspot B LED, narrow beam		Half beam angle γ	
Part number	Description	C 0-180	C 90-270
129 0 627 000	Ribbed glass, internally fitted, for linear beam control, continuously adjustable 360°	15°	34°



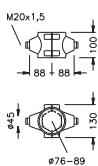
Accessories Nightspot B LED, with mounting bracket		
Part number	Colour	Description
129 0 390 940	black	Stainless steel earth spike,
129 0 390 960	white	for use in landscape lighting
129 0 390 950	silver grey	



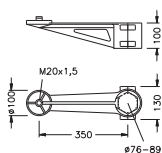
Part number	Colour	Description
128 0 626 940	black	Pole Top Fitter, aluminium,
128 0 626 960	white	for 76 mm pole top, with M20 x 1.5 connection thread,
128 0 626 950	silver grey	for installation of one luminaire



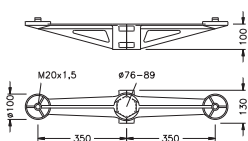
Part number	Colour	Description
119 0 033 940	black	Single pole mount clamp,
119 0 033 960	white	aluminium,
119 0 033 950	silver grey	for poles \varnothing 76 – 89 mm



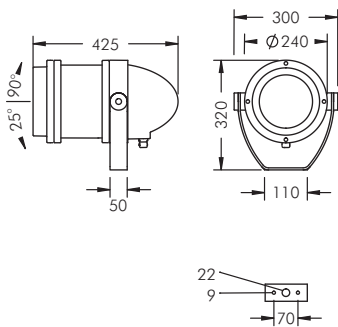
Part number	Colour	Description
119 0 034 940	black	Double pole mount clamp,
119 0 034 960	white	aluminium,
119 0 034 950	silver grey	for poles \varnothing 76 – 89 mm



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



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

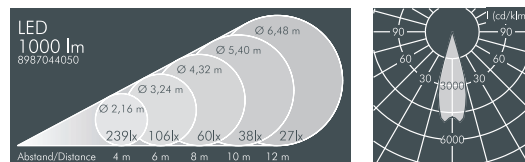


Nightspot B LED Gobo Projector

With high performance LED-Modul protection class I, IP65 \diamond \blacktriangle \blacktriangle , IK08 windage area AW 0.085 m² die cast aluminium housing, 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 \varnothing 9 mm, spacing 70 mm, 1 centre hole \varnothing 22 mm, tilt range 115°, M20 cable gland, integral driver (AC/DC)

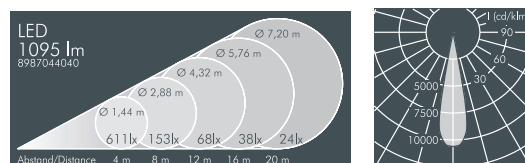
Nightspot B LED Gobo Projector, 63 mm focal length

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



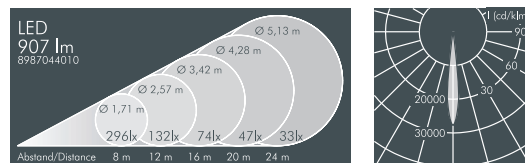
Nightspot B LED Gobo Projector, 85 mm focal length

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

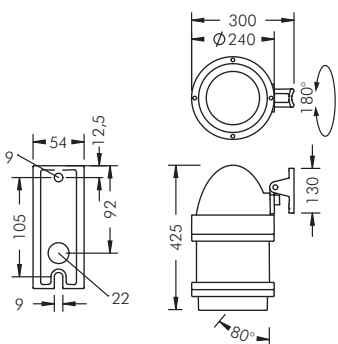


Nightspot B LED Gobo Projector, 150 mm focal length

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



Part number	Description
... .. 1..	Dimmable version (DALI)



Nightspot B LED Gobo Projector pole luminaire

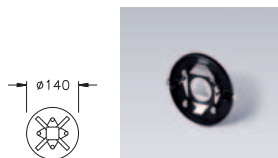
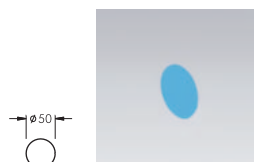
With high performance LED-Modul protection class I, IP65 \diamond \blacktriangle \blacktriangle , IK08 windage area AW 0.085 m² die cast aluminium housing, polyester powder coated, focusable lense, carrier for gobos and colour filters, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, for pole diameter \varnothing 60–100 mm, rotatable, powder coated aluminium mounting base: 2 drilled holes \varnothing 9 mm, spacing 105 mm, 1 centre hole \varnothing 22 mm, tilt range 80°, swivel range 180°, M20 cable gland, integral driver (AC/DC)

Part number	Description
... .. 2..	Gobo Projector for pole mounting

LED

LEDs, replacement modules available





Accessories for Nightspot B LED Gobo Projector

63/85/150 mm focal length

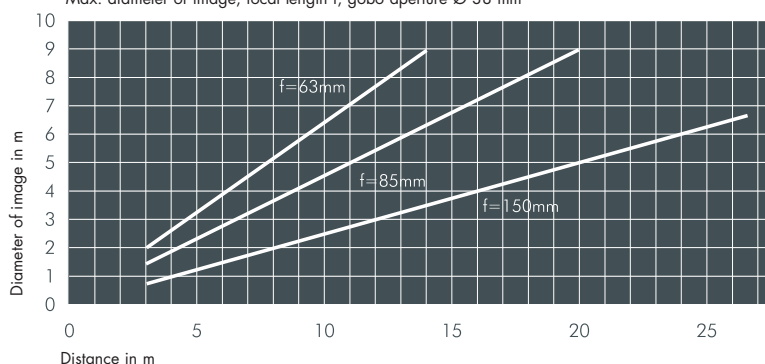
Part number	Colour	Description
129 0 551 000	yellow	Dichroic colour filter
129 0 557 000	red	
129 0 553 000	blue	
129 0 558 000	green	

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

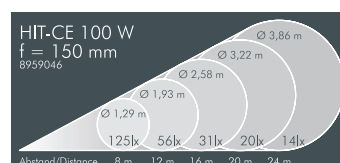
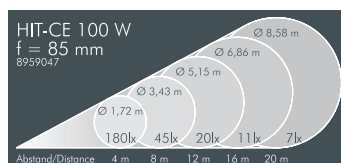
Part number	Example	Description
129 0 489 000	waves	Standard gobos Ø 50 mm
129 0 490 000	stars	
129 0 491 000	hatch	

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

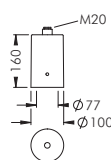


Lux level comparison HIT-CE 100 W / LED 47 W



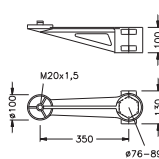
focal length 85 mm, distance 12 m:
HIT-CE 100 W:
20 lux average level
LED 47 W:
68 lux average level

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

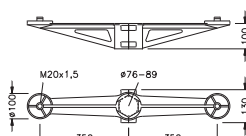


Accessories for Nightspot B LED Gobo Projector

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 0 031 940	black	Single pole mount arm , aluminium, for poles Ø 76 – 89 mm
119 0 031 960	white	
119 0 031 950	silver grey	



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	



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