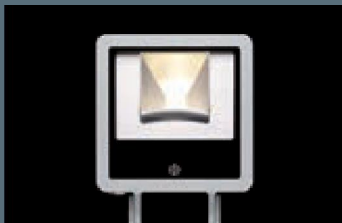
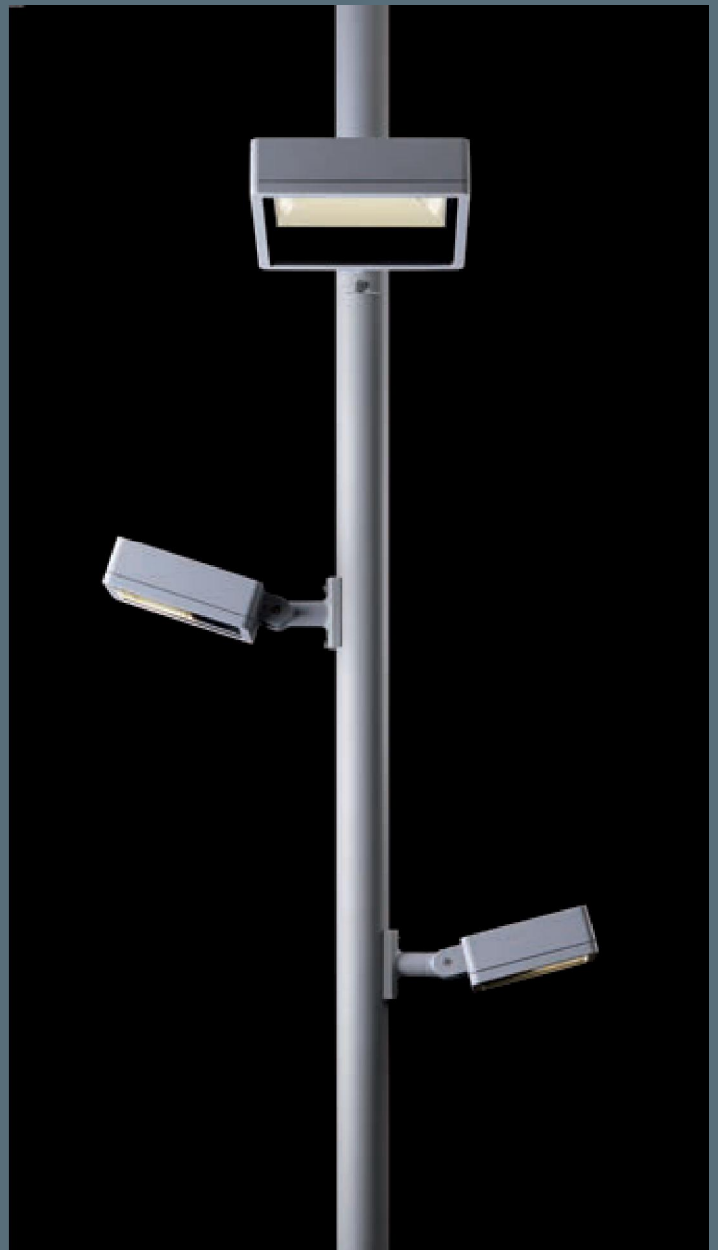


Superlight LED is a new range of exterior, high performance floodlights in 3 sizes of housing. Particularly high performance LED modules are combined with extremely efficient reflectors for various different light distributions. These floodlights can be used universally for manifold exterior lighting tasks.

Symmetrical or asymmetrical wide beam reflectors can be used for area lighting while the rotationally symmetrical narrow beam reflectors are useful for accent lighting on façades or on the ground. Optimal heat management ensures a high degree of efficiency and longevity of the LED modules. Their sleek and unobtrusive design allows these luminaires to be integrated into any style of architecture.



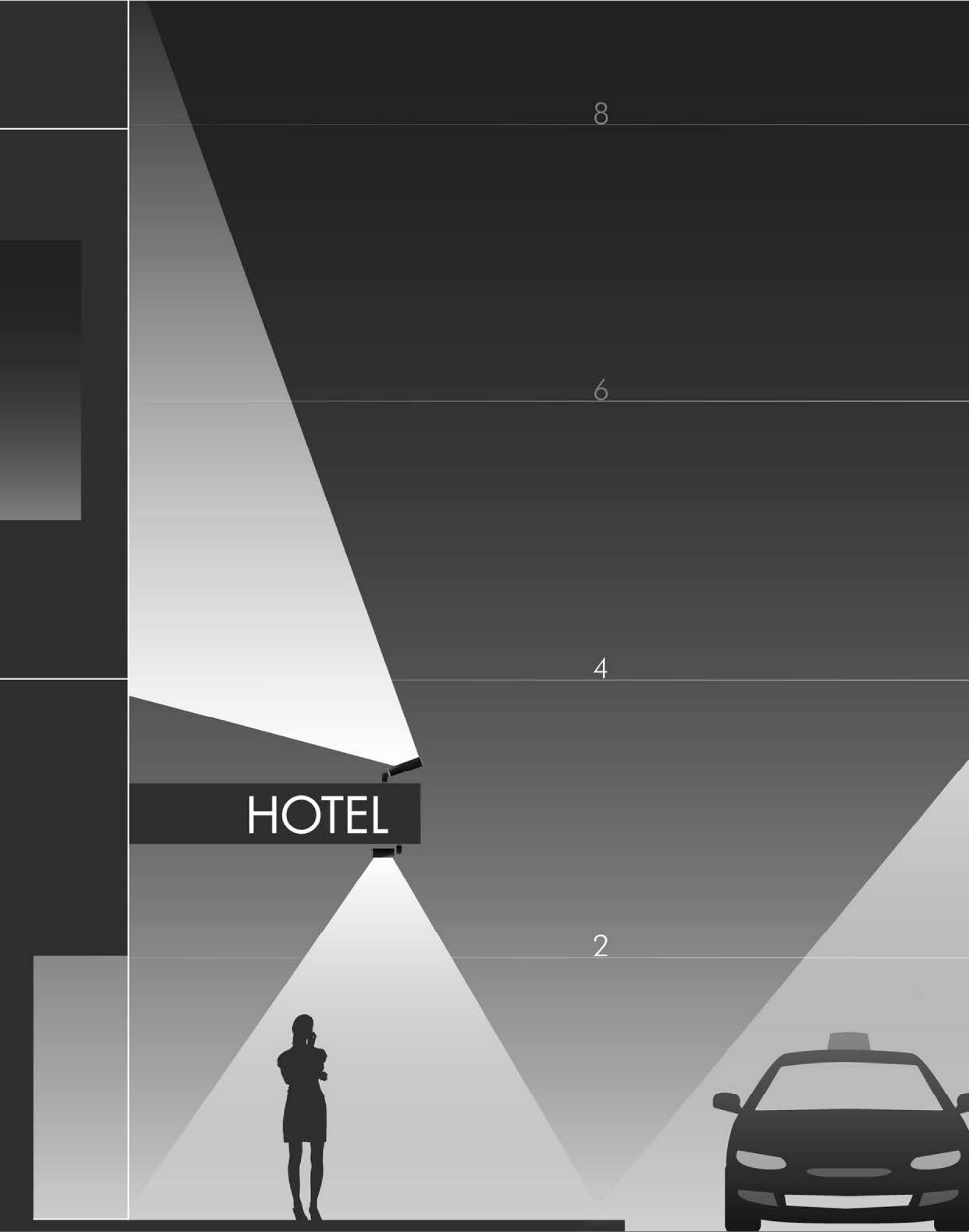
As pole mount luminaires the floodlights are supplied with a fixing bracket which allows the luminaires to be tilted and turned. A wide range of different light distributions and flexibility of positioning of the luminaires on the pole give the discerning lighting consultant many options for the illumination of exterior spaces. The Superlight LED 3 with Comfort Optic is a particularly glare-free luminaire for such tasks.

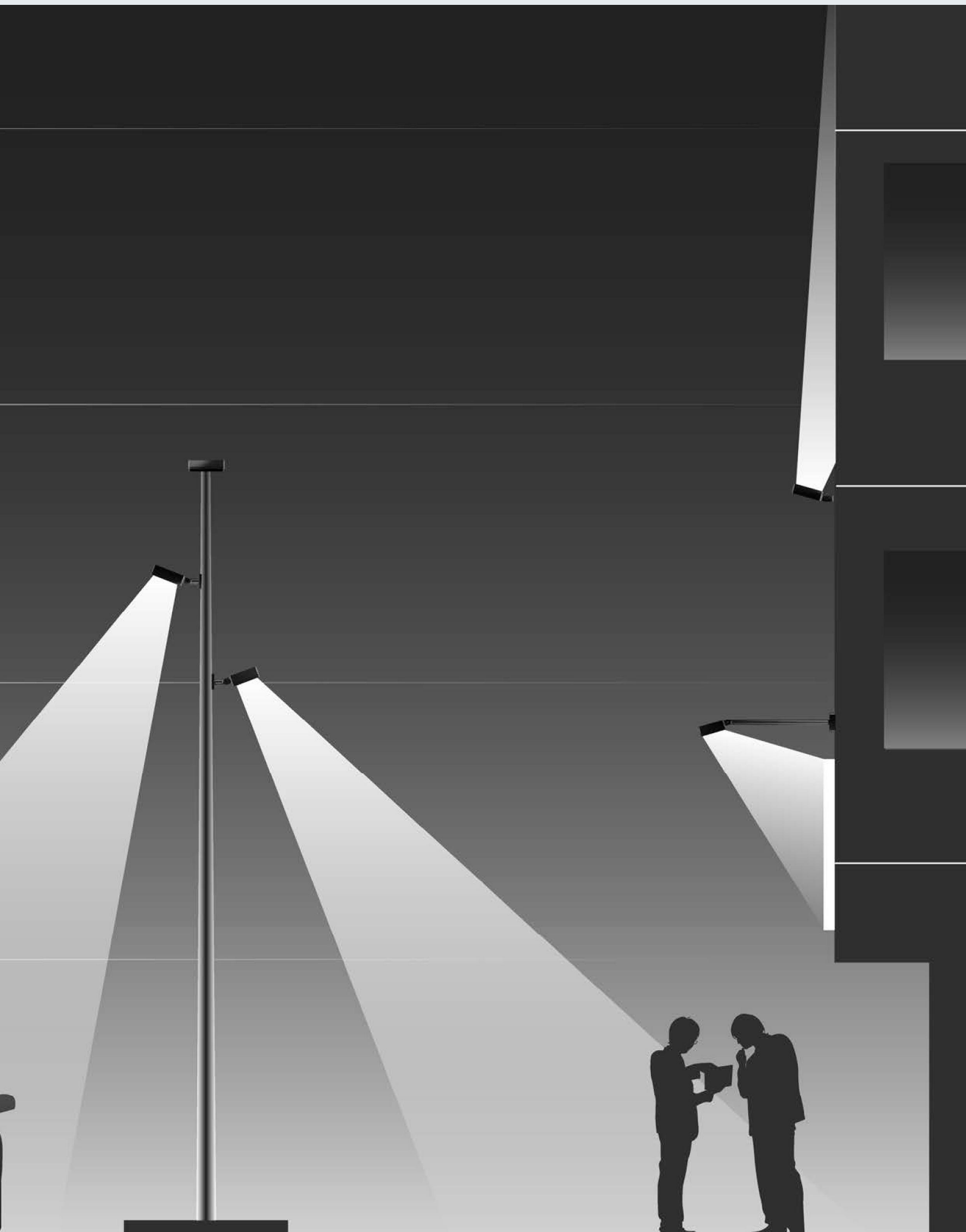


All sizes of housing are available with wide beam, asymmetrical or rotationally symmetrical narrow beam reflectors.

DEPOT noise protection wall, Niedernberg
Lighting Design: studiocandela, Herford









With 1 high performance LED module (Zhaga),
integral temperature monitoring device,
protection class I, IP65
windage area AW 0.035 m²
die cast aluminium housing, polyester powder
coated, high efficiency reflector,
all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket,
closure with 4 stainless steel screws,
mounting bracket powder coated aluminium:
2 drilled holes Ø 7 mm, spacing 50-70 mm,
1 centre hole Ø 17 mm, tilt range 180°,
M20 cable gland, integral driver (AC/DC)

Part number	Colour	Light source	Weight	Half beam angle γ
8 885 046 019	black	1 x LED module 27 W	2.4 kg	16°
8 885 066 019	white	warm white (3000 K)		
8 885 056 019	silver grey			

LED
2512 lm
8885046010

Ø 3,46 m
Ø 2,88 m
Ø 2,31 m
Ø 1,73 m
Ø 1,15 m

855lx 380lx 214lx 137lx 95lx

Abstand/Distance
4 m 6 m 8 m 10 m 12 m

1 cd/Mn
90°
60°
30°
3000
4500
6000

Part number	Colour	Light source	Weight	Main beam angle γ
8 885 046 049	black	1 x LED module 27 W	2.4 kg	45°
8 885 066 049	white	warm white (3000 K)		
8 885 056 049	silver grey			

LED
2674 lm
8863045010

Beam spread diagram showing distances and diameters:

Distance (m)	Diameter (m)	Light Output (lm)
4	Ø 1,15 m	910k
6	Ø 1,73 m	404k
8	Ø 2,31 m	228k
10	Ø 2,88 m	146k
12	Ø 3,46 m	101k

Part number	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 885 046 059	black	1 x LED module 27 W warm white (3000 K)	2.4 kg	92°	108°
8 885 066 059	white				
8 885 056 059	silver grey				

LED
2167 Im
8889046040

Diagram illustrating the beam spread and illuminance of the LED 2167 Im light fixture. The diagram shows a series of concentric circles representing different distances (Abstand/Distance) from the light source. The beam spread is indicated by the width of the circles at each distance. The illuminance (lx) is shown at the center of each circle.

Abstand/Distance (m)	Beam Diameter (m)	Illuminance (lx)
1 m	1,1 m	573 lx
2 m	2,2 m	143 lx
3 m	3,2 m	64 lx
4 m	4,3 m	36 lx
5 m	5,4 m	23 lx
6 m	6,5 m	16 lx

Additional beam spread data shown in the diagram:

- 1,9 m at 2 m distance
- 2,8 m at 3 m distance
- 3,8 m at 4 m distance
- 4,7 m at 5 m distance
- 5,7 m at 6 m distance

The diagram also includes a circular scale for beam spread angles (30°, 60°, 90°) and a scale for illuminance (1 lx, 750 lx, 1000 lx).

LED
2303 Im
8883045040

Abstand / Distance	1 m	2 m	3 m	4 m	5 m	6 m
Beam Diameter	1,1 m	2,2 m	3,2 m	4,3 m	5,4 m	6,5 m
Beam Angle	60°	15°	12°	10°	8°	7°

LED 2648 lm
8683046050

Beam spread diagram showing distances (m) and beam diameters (m) at various distances:

Distance (m)	Beam Diameter (m)
0.40	2.8
1.0	5.6
2.0	11.3
4.0	22.6
8.0	45.2
16.0	90.4
32.0	180.8

Beam diameter at 16.9 m: 16.9 m

Beam diameter at 10.5 m: 10.5 m

Beam diameter at 12.6 m: 12.6 m

Beam diameter at 8.4 m: 8.4 m

Beam diameter at 6.3 m: 6.3 m

Beam diameter at 4.2 m: 4.2 m

Beam diameter at 2.1 m: 2.1 m

Beam diameter at 1.0 m: 1.0 m

Beam diameter at 0.5 m: 0.5 m

Beam diameter at 0.25 m: 0.25 m

Beam diameter at 0.125 m: 0.125 m

Beam diameter at 0.0625 m: 0.0625 m

Beam diameter at 0.03125 m: 0.03125 m

Beam diameter at 0.015625 m: 0.015625 m

Beam diameter at 0.0078125 m: 0.0078125 m

Beam diameter at 0.00390625 m: 0.00390625 m

Beam diameter at 0.001953125 m: 0.001953125 m

Beam diameter at 0.0009765625 m: 0.0009765625 m

Beam diameter at 0.00048828125 m: 0.00048828125 m

Beam diameter at 0.000244140625 m: 0.000244140625 m

Beam diameter at 0.0001220703125 m: 0.0001220703125 m

Beam diameter at 0.00006103515625 m: 0.00006103515625 m

Beam diameter at 0.000030517578125 m: 0.000030517578125 m

Beam diameter at 0.0000152587890625 m: 0.0000152587890625 m

Beam diameter at 0.00000762939453125 m: 0.00000762939453125 m

Beam diameter at 0.000003814697265625 m: 0.000003814697265625 m

Beam diameter at 0.0000019073486328125 m: 0.0000019073486328125 m

Beam diameter at 0.00000095367431640625 m: 0.00000095367431640625 m

Beam diameter at 0.000000476837158203125 m: 0.000000476837158203125 m

Beam diameter at 0.0000002384185791015625 m: 0.0000002384185791015625 m

Beam diameter at 0.00000011920928955078125 m: 0.00000011920928955078125 m

Beam diameter at 0.000000059604644775390625 m: 0.000000059604644775390625 m

Beam diameter at 0.0000000298023223876953125 m: 0.0000000298023223876953125 m

Beam diameter at 0.00000001490116119384765625 m: 0.00000001490116119384765625 m

Beam diameter at 0.000000007450580596923828125 m: 0.000000007450580596923828125 m

Beam diameter at 0.0000000037252902984619140625 m: 0.0000000037252902984619140625 m

Beam diameter at 0.00000000186264514923095703125 m: 0.00000000186264514923095703125 m

Beam diameter at 0.000000000931322574615478515625 m: 0.000000000931322574615478515625 m

Beam diameter at 0.0000000004656612873077392578125 m: 0.0000000004656612873077392578125 m

Beam diameter at 0.00000000023283064365386962890625 m: 0.00000000023283064365386962890625 m

Beam diameter at 0.000000000116415321826934814453125 m: 0.000000000116415321826934814453125 m

Beam diameter at 0.0000000000582076609134674072265625 m: 0.0000000000582076609134674072265625 m

Beam diameter at 0.00000000002910383045673370361328125 m: 0.00000000002910383045673370361328125 m

Beam diameter at 0.000000000014551915228366851806640625 m: 0.000000000014551915228366851806640625 m

Beam diameter at 0.0000000000072759576141834259033203125 m: 0.0000000000072759576141834259033203125 m

Beam diameter at 0.00000000000363797880709171295166015625 m: 0.00000000000363797880709171295166015625 m

Beam diameter at 0.000000000001818989403545856475830078125 m: 0.000000000001818989403545856475830078125 m

Beam diameter at 0.0000000000009094947017729282379150390625 m: 0.0000000000009094947017729282379150390625 m

Beam diameter at 0.00000000000045474735088646411895751953125 m: 0.00000000000045474735088646411895751953125 m

Beam diameter at 0.000000000000227373675443232059478759765625 m: 0.000000000000227373675443232059478759765625 m

Beam diameter at 0.0000000000001136868377216160297393798828125 m: 0.0000000000001136868377216160297393798828125 m

Beam diameter at 0.00000000000005684341886080801486968994140625 m: 0.00000000000005684341886080801486968994140625 m

Beam diameter at 0.000000000000028421709430404007434844970703125 m: 0.000000000000028421709430404007434844970703125 m

Beam diameter at 0.0000000000000142108547152020037174224853515625 m: 0.0000000000000142108547152020037174224853515625 m

Beam diameter at 0.00000000000000710542735760100185871124267578125 m: 0.00000000000000710542735760100185871124267578125 m

Beam diameter at 0.000000000000003552713678800500929355621337890625 m: 0.000000000000003552713678800500929355621337890625 m

Beam diameter at 0.0000000000000017763568394002504646778106689453125 m: 0.0000000000000017763568394002504646778106689453125 m

Beam diameter at 0.00000000000000088817841970012523233890533447265625 m: 0.00000000000000088817841970012523233890533447265625 m

Beam diameter at 0.000000000000000444089209850062616169452667236328125 m: 0.000000000000000444089209850062616169452667236328125 m

Beam diameter at 0.000000000000000222044604925031308084726

LED
2819 lm
8883045050

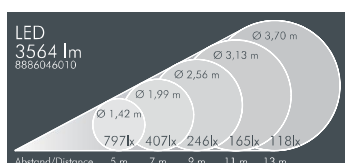
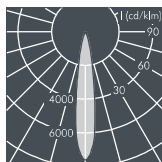
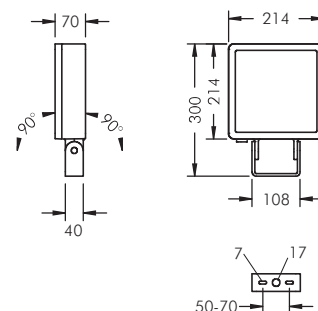
Abstand / Distance	1 m	2 m	3 m	4 m	5 m	6 m
Beam Width	2,8 m	5,6 m	8,4 m	11,3 m	14,1 m	16,9 m
Beam Height	433h	107h	48h	27h	17h	12h

LEDs, replacement modules available



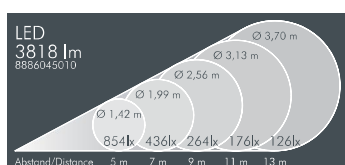
Superlight LED 2

With 1 high performance LED module (Zhaga),
integral temperature monitoring device,
protection class I, IP65 
windage area AW 0.047 m²
die cast aluminium housing, polyester powder
coated, high efficiency reflector,
all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket,
closure with 4 stainless steel screws,
mounting bracket powder coated aluminium:
2 drilled holes Ø 7 mm, spacing 50-70 mm,
1 centre hole Ø 17 mm, tilt range 180°,
M20 cable gland, integral driver (AC/DC)

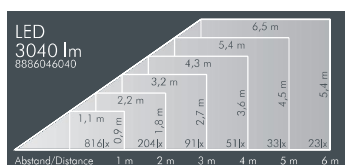
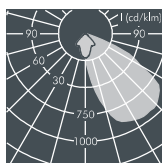


Superlight LED 2, rotationally symmetrical narrow beam*

Part number	Colour	Light source	Weight	Half beam angle γ
8 886 046 019	black	1 x LED module 40 W	3.0 kg	16°
8 886 066 019	white	warm white (3000 K)		
8 886 056 019	silver grey			

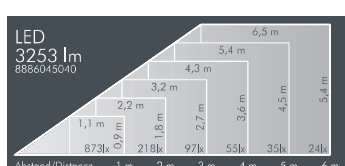
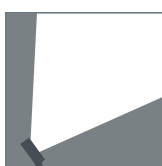


Part number	Colour	Light source	Weight	Half beam angle γ
8 886 045 019	black	1 x LED module 40 W	3.0 kg	16°
8 886 065 019	white	neutral white (4000 K)		
8 886 055 019	silver grey			

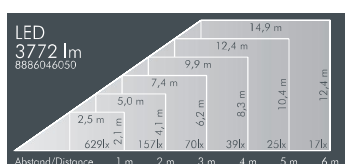
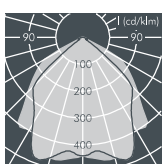


Superlight LED 2, asymmetrical beam*

Part number	Colour	Light source	Weight	Main beam angle γ
8 886 046 049	black	1 x LED module 40 W	3.0 kg	45°
8 886 066 049	white	warm white (3000 K)		
8 886 056 049	silver grey			

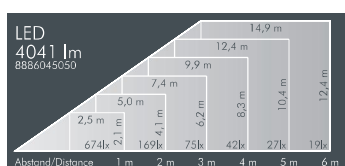


Part number	Colour	Light source	Weight	Main beam angle γ
8 886 045 049	black	1 x LED module 40 W	3.0 kg	45°
8 886 065 049	white	neutral white (4000 K)		
8 886 055 049	silver grey			



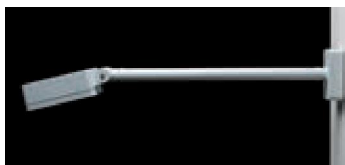
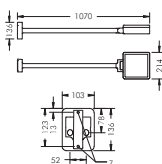
Superlight LED 2, wide beam*

Part number	Colour	Light source	Weight	Half beam angle γ
				C 0 – 180 C 90 – 270
8 886 046 059	black	1 x LED module 40 W	3.0 kg	92° 102°
8 886 066 059	white	warm white (3000 K)		
8 886 056 059	silver grey			



Part number	Colour	Light source	Weight	Half beam angle γ
				C 0 – 180 C 90 – 270
8 886 045 059	black	1 x LED module 40 W	3.0 kg	92° 102°
8 886 065 059	white	neutral white (4000 K)		
8 886 055 059	silver grey			

*Luminaires with 2 cable glands are available upon request.



Part number*	Description
... 1... ..	Luminaire with wall arm, internal cable run

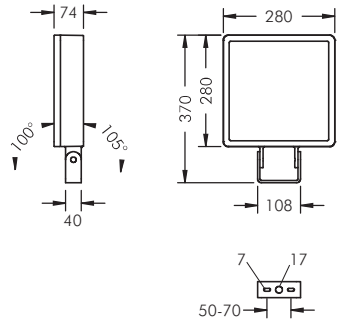
*Available upon request in various lengths.

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

LED

LEDs, replacement modules available





Superlight LED 3

With 2 high performance LED modules (Zhaga), integral temperature monitoring device, protection class I, IP65  windage area A_W 0.08 m² die cast aluminium housing, polyester powder coated, high efficiency reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, mounting bracket powder coated aluminium: 2 drilled holes Ø 7 mm, spacing 50-70 mm, 1 centre hole Ø 17 mm, tilt range 205°, M20 cable gland, integral driver (AC/DC)

Superlight LED 3, rotationally symmetrical narrow beam*

Part number	Colour	Light source	Weight	Half beam angle γ
8 887 046 019	black	2 x LED module 45 W	5.4 kg	16°
8 887 066 019	white	warm white (3000 K)		
8 887 056 019	silver grey			

Part number	Colour	Light source	Weight	Half beam angle γ
8 887 045 019	black	2 x LED module 45 W	5.4 kg	16°
8 887 065 019	white	neutral white (4000 K)		
8 887 055 019	silver grey			

Superlight LED 3, asymmetrical beam*

Part number	Colour	Light source	Weight	Main beam angle γ
8 887 046 049	black	2 x LED module 45 W	5.4 kg	45°
8 887 066 049	white	warm white (3000 K)		
8 887 056 049	silver grey			

Part number	Colour	Light source	Weight	Main beam angle γ
8 887 045 049	black	2 x LED module 45 W	5.4 kg	45°
8 887 065 049	white	neutral white (4000 K)		
8 887 055 049	silver grey			

Superlight LED 3, wide beam*

Part number	Colour	Light source	Weight	Half beam angle γ
8 887 046 059	black	2 x LED module 45 W	5.4 kg	C 0 – 180
8 887 066 059	white	warm white (3000 K)		C 90 – 270
8 887 056 059	silver grey			

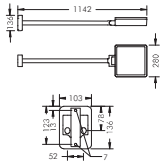
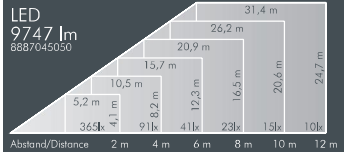
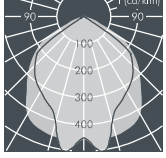
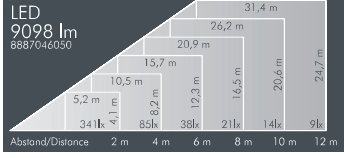
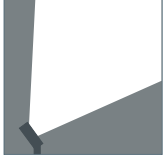
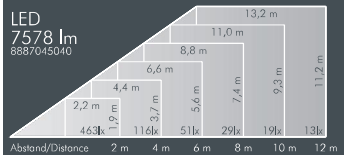
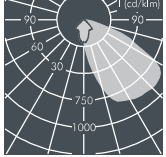
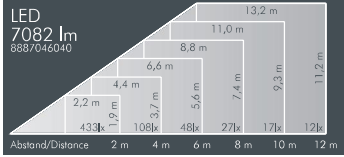
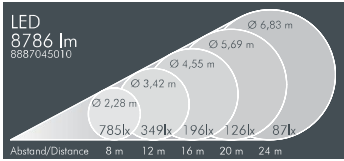
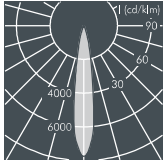
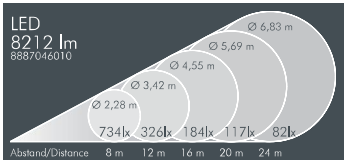
Part number	Colour	Light source	Weight	Half beam angle γ
8 887 045 059	black	2 x LED module 45 W	5.4 kg	C 0 – 180
8 887 065 059	white	neutral white (4000 K)		C 90 – 270
8 887 055 059	silver grey			

*Luminaires with 2 cable glands are available upon request.

Part number*	Description
... 1 ...	Luminaire with wall arm, internal cable run

*Available upon request in various lengths.

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



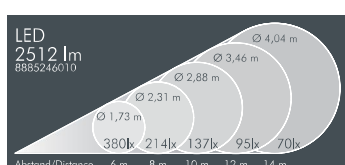
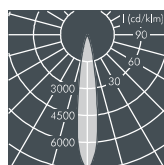
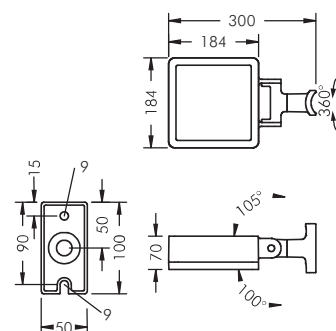
LED

LEDs, replacement modules available



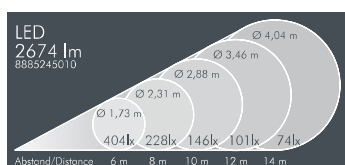
Superlight LED 1, pole luminaire

With 1 high performance LED module (Zhaga),
integral temperature monitoring device,
protection class I, IP65 
windage area AW 0.035 m²
die cast aluminium housing, polyester powder
coated, high efficiency reflector,
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 75 mm,
1 centre hole Ø 17 mm, tilt range 205°,
swivel range 360°, M20 cable gland,
integral driver (AC/DC)

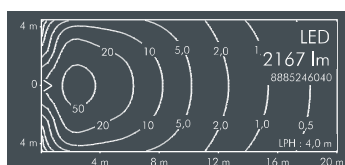
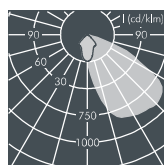


Superlight LED 1, pole luminaire, rotationally symmetrical narrow beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 885 246 019	black	1 x LED module 27 W	2.6 kg	16°
8 885 266 019	white	warm white (3000 K)		
8 885 256 019	silver grey			

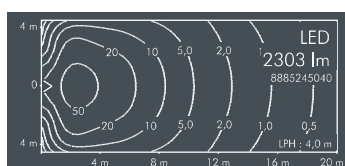
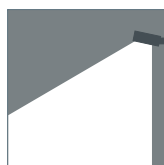


Part number	Colour	Light source	Weight	Half beam angle γ
8 885 245 019	black	1 x LED module 27 W	2.6 kg	16°
8 885 265 019	white	neutral white (4000 K)		
8 885 255 019	silver grey			

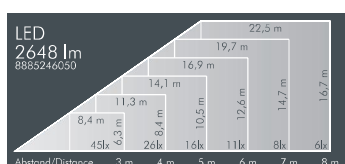
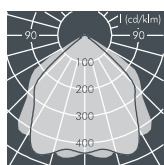


Superlight LED 1, pole luminaire, asymmetrical beam

Part number	Colour	Light source	Weight	Main beam angle γ
8 885 246 049	black	1 x LED module 27 W	2.6 kg	45°
8 885 266 049	white	warm white (3000 K)		
8 885 256 049	silver grey			

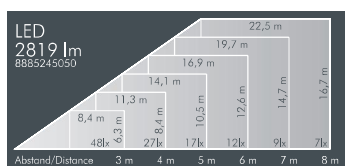
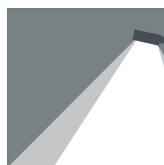


Part number	Colour	Light source	Weight	Main beam angle γ
8 885 245 049	black	1 x LED module 27 W	2.6 kg	45°
8 885 265 049	white	neutral white (4000 K)		
8 885 255 049	silver grey			



Superlight LED 1, pole luminaire, wide beam

Part number	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 885 246 059	black	1 x LED module 27 W	2.6 kg	92°	108°
8 885 266 059	white	warm white (3000 K)			
8 885 256 059	silver grey				



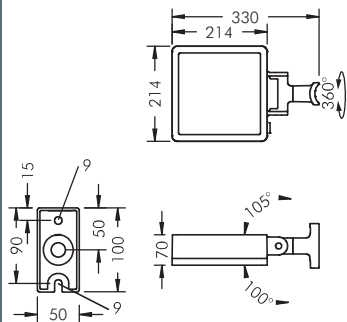
Part number	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 885 245 059	black	1 x LED module 27 W	2.6 kg	92°	108°
8 885 265 059	white	neutral white (4000 K)			
8 885 255 059	silver grey				

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

LED

LEDs, replacement modules available



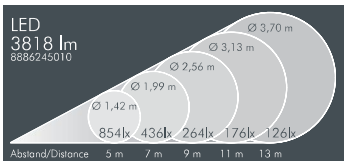
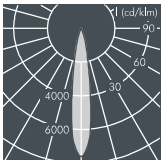
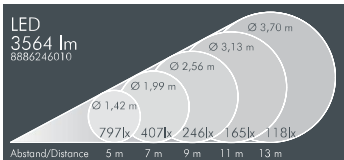


Superlight LED 2, pole luminaire
With 1 high performance LED module (Zhaga),
integral temperature monitoring device,
protection class I, IP65 
windage area AWW 0.047 m²
die cast aluminium housing, polyester powder
coated, high efficiency reflector,
all exterior steel parts are stainless steel,
tempered 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 75 mm,
1 centre hole Ø 17 mm, tilt range 205°,
swivel range 360°, M20 cable gland,
integral driver (AC/DC)

Superlight LED 2, pole luminaire, rotationally symmetrical narrow beam

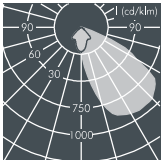
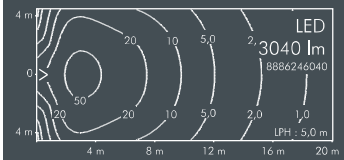
Part number	Colour	Light source	Weight	Half beam angle γ
8 886 246 019	black	1 x LED module 40 W	3.2 kg	16°
8 886 266 019	white	warm white (3000 K)		
8 886 256 019	silver grey			

Part number	Colour	Light source	Weight	Half beam angle γ
8 886 245 019	black	1 x LED module 40 W	3.2 kg	16°
8 886 265 019	white	neutral white (4000 K)		
8 886 255 019	silver grey			

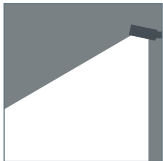
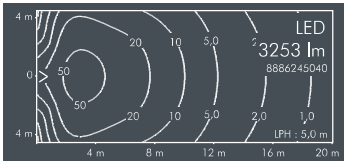


Superlight LED 2, pole luminaire, asymmetrical beam

Part number	Colour	Light source	Weight	Main beam angle γ
8 886 246 049	black	1 x LED module 40 W	3.2 kg	45°
8 886 266 049	white	warm white (3000 K)		
8 886 256 049	silver grey			

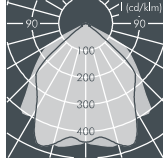
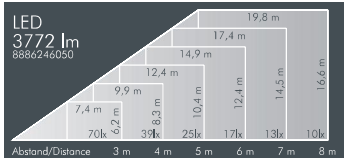


Part number	Colour	Light source	Weight	Main beam angle γ
8 886 245 049	black	1 x LED module 40 W	3.2 kg	45°
8 886 265 049	white	neutral white (4000 K)		
8 886 255 049	silver grey			

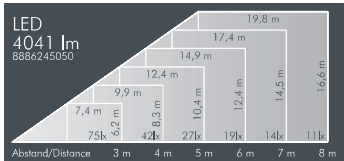


Superlight LED 2, pole luminaire, wide beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 886 246 059	black	1 x LED module 40 W	3.2 kg	C 0 – 180
8 886 266 059	white	warm white (3000 K)		C 90 – 270
8 886 256 059	silver grey			



Part number	Colour	Light source	Weight	Half beam angle γ
8 886 245 059	black	1 x LED module 40 W	3.2 kg	C 0 – 180
8 886 265 059	white	neutral white (4000 K)		C 90 – 270
8 886 255 059	silver grey			



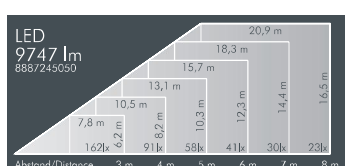
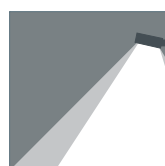
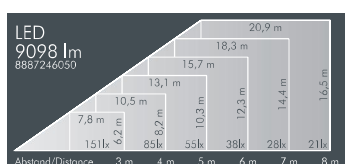
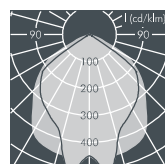
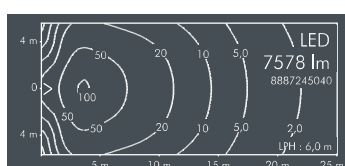
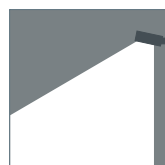
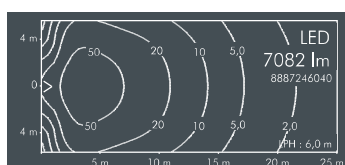
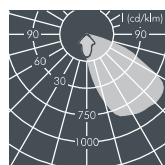
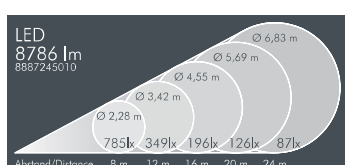
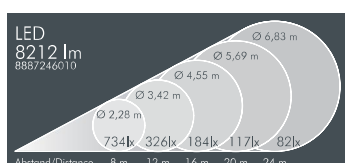
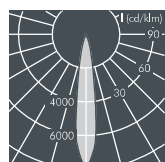
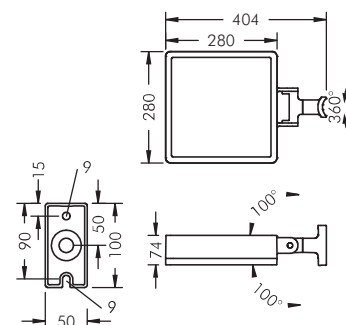
Part number	Description
... 1..	Dimmable version (DALI)

LED
LEDs, replacement modules available



Superlight LED 3, pole luminaire

With 2 high performance LED modules (Zhaga),
integral temperature monitoring device,
protection class I, IP65 
windage area AW 0.08 m²
die cast aluminium housing, polyester powder
coated, high efficiency reflector,
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 75 mm,
1 centre hole Ø 17 mm, tilt range 200°,
swivel range 360°, M20 cable gland,
integral driver (AC/DC)



Superlight LED 3, pole luminaire, rotationally symmetrical narrow beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 887 246 019	black	2 x LED module 45 W	5.6 kg	16°
8 887 266 019	white	warm white (3000 K)		
8 887 256 019	silver grey			

Part number	Colour	Light source	Weight	Half beam angle γ
8 887 245 019	black	2 x LED module 45 W	5.6 kg	16°
8 887 265 019	white	neutral white (4000 K)		
8 887 255 019	silver grey			

Superlight LED 3, pole luminaire, asymmetrical beam

Part number	Colour	Light source	Weight	Main beam angle γ
8 887 246 049	black	2 x LED module 45 W	5.6 kg	45°
8 887 266 049	white	warm white (3000 K)		
8 887 256 049	silver grey			

Part number	Colour	Light source	Weight	Main beam angle γ
8 887 245 049	black	2 x LED module 45 W	5.6 kg	45°
8 887 265 049	white	neutral white (4000 K)		
8 887 255 049	silver grey			

Superlight LED 3, pole luminaire, wide beam

Part number	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 887 246 059	black	2 x LED module 45 W	5.6 kg	92°	105°
8 887 266 059	white	warm white (3000 K)			
8 887 256 059	silver grey				

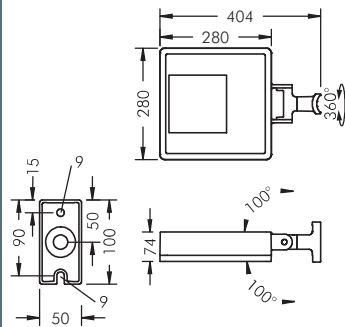
Part number	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 887 245 059	black	2 x LED module 45 W	5.6 kg	92°	105°
8 887 265 059	white	neutral white (4000 K)			
8 887 255 059	silver grey				

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

LED

LEDs, replacement modules available





Superlight LED 3, pole luminaire

With LED Prism module or high performance LED module, integral temperature monitoring device, protection class I, IP65    windage area A_W 0.08 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 installation on poles Ø 60 - 100 mm, powder coated aluminium mounting base: 2 drilled holes Ø 9 mm, spacing 75 mm, 1 centre hole Ø 17 mm, tilt range 200°, swivel range 360°, M20 cable gland, integral driver

Superlight LED 3, pole luminaire, Comfort Optic

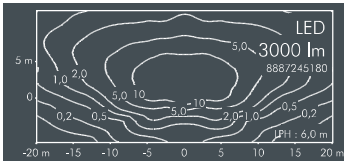
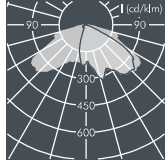
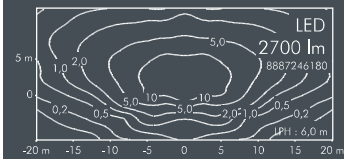
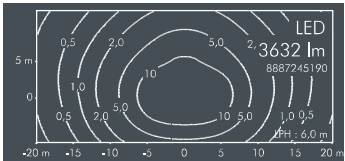
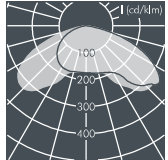
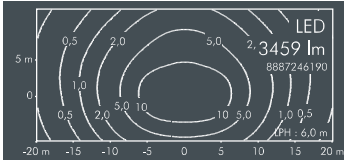
Part number	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 887 246 199	black	1 x LED Prism module 55 W warm white (3000 K)	6.6 kg	48°	54°
8 887 266 199	white				
8 887 256 199	silver grey				

Part number	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 887 245 199	black	1 x LED Prism module 55 W neutral white (4000 K)	6.6 kg	48°	54°
8 887 265 199	white				
8 887 255 199	silver grey				

Superlight LED 3, pole luminaire, Street Optic (according to DIN EN 13201)

Part number	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 887 246 189	black	1 x LED module (Osram) 32 W warm white (3000 K)	6.6 kg	56°	47°
8 887 266 189	white				
8 887 256 189	silver grey				

Part number	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 887 245 189	black	1 x LED module (Osram) 32 W neutral white (4000 K)	6.6 kg	56°	47°
8 887 265 189	white				
8 887 255 189	silver grey				

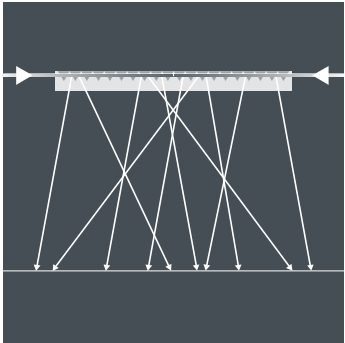


Illumination examples (SIP)3 according to DIN EN 13201-2)

	Superlight LED 3, pole luminaire	
	Comfort Optic	Street Optic
H	6 m	6 m
D	24 m	30 m
D/H	4	5
E_m	7.5 lx	7.5 lx
E_{min}/E_m	0.36	0.32
TI*	7%	12%

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

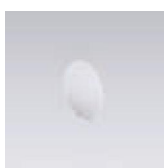
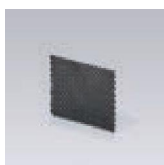
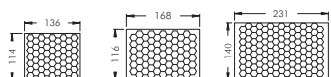
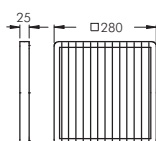
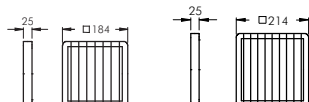
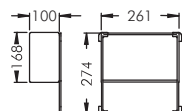
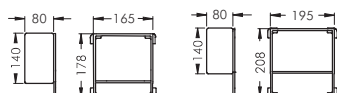
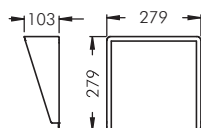
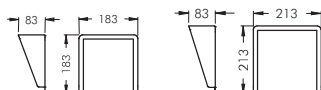
The light emitted by linear LED modules is directed into a PMMA lens uncoupled by micro prisms in exactly defined directions. From the outside the LEDs are not visible. The Comfort Optic offers both high energy efficiency and optimal glare limitation by diffraction of the point of light.



LED

LEDs, replacement modules available





Accessories Superlight LED 1, LED 2

Part number LED 1	Part number LED 2	Colour	Description
128 0 792 940	128 0 793 940	black	Cowl , aluminium, to avoid glare from 3 directions, for mounting on front of floodlight
128 0 792 960	128 0 793 960	white	
128 0 792 950	128 0 793 950	silver grey	

Accessories Superlight LED 3

Part number LED 3	Colour	Description
128 0 794 940	black	Cowl , aluminium, to avoid glare from 3 directions, for mounting on front of floodlight
128 0 794 960	white	
128 0 794 950	silver grey	

Accessories Superlight LED 1, LED 2

Part number LED 1	Part number LED 2	Colour	Description
128 0 797 940	128 0 798 940	black	Barn doors , aluminium, to avoid glare from 4 directions, variable control of light distribution
128 0 797 960	128 0 798 960	white	
128 0 797 950	128 0 798 950	silver grey	

Accessories Superlight LED 3

Part number LED 3	Colour	Description
128 0 799 940	black	Barn doors , aluminium, to avoid glare from 4 directions, variable control of light distribution
128 0 799 960	white	
128 0 799 950	silver grey	

Accessories Superlight LED 1, LED 2

Part number LED 1	Part number LED 2	Colour	Description
128 0 802 940	128 0 803 940	black	Vertical/Horizontal louvre , stainless steel, to reduce lateral glare, for mounting on front of floodlight
128 0 802 960	128 0 803 960	white	
128 0 802 950	128 0 803 950	silver grey	

Accessories Superlight LED 3

Part number LED 3	Colour	Description
128 0 804 940	black	Vertical/Horizontal louvre , stainless steel, to reduce lateral glare, for mounting on front of floodlight
128 0 804 960	white	
128 0 804 950	silver grey	

Accessories Superlight LED 1, LED 2, LED 3

Part number	Luminaire	Description
128 0 810 000	LED 1	Honeycomb louvre , internally fitted, to avoid glare
128 0 811 000	LED 2	
128 0 812 000	LED 3	

Accessories Superlight LED 1, LED 2, LED 3 rotationally symmetrical narrow beam

Part number	Luminaire	Description	Half beam angle γ	
128 0 807 000	LED 1	Ribbed glass , internally fitted, for linear beam control, continuously adjustable 360°	C 0 – 180	C 90 – 270
128 0 808 000	LED 2		20°	29°
128 0 809 000	LED 3		20°	29°

Colour filters, to be installed inside luminaires, are available upon request.

