



New Products 2026



Multispot is an innovative floodlight series that can be adapted flexibly to the demands of every exterior lighting task. High precision optics are combined with optical film and honeycomb louvres. With their minimalist, cylindrical design the luminaires blend harmoniously into all architectural environments.



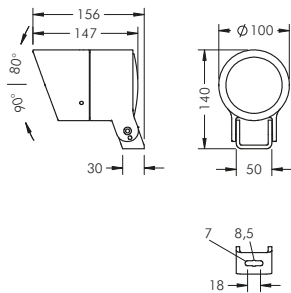
Accessories such as optical film and honeycomb louvres can be added to the luminaires on site. For that purpose, there is a waterproof space between the luminaire housing and cover. During the assembly of the accessory the luminaire remains closed and the IP rating is not compromised.

Multispot pole luminaires are equipped with a turn-and-tilt fixing system. The large choice of different optics and accessories makes illumination adapted to various lighting applications possible. The Street Optic has a very wide beam light distribution, ideally suited to illuminate streets and paths.




Altenbeke Viaduct, Germany



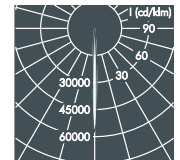
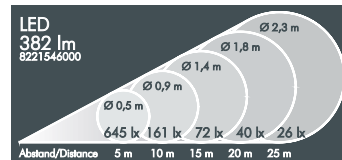


Multispot 1 with mounting bracket

With high performance LED module (Zhaga),
 CRI: > 80, Colour tolerance: 2 SDCM
 Service life: L80/B10 > 50 000 h
 protection class I, IP65 , IK08
 windage area AW 0.0139 m²
 corrosion-resistant die cast aluminium housing AlSi12,
 polyester powder coated,
 precise PMMA optic,
 all exterior steel parts are stainless steel,
 2 tempered safety glasses:
 waterproof space for optical film and
 honeycomb louvres,
 silicon gasket, closure with 2 stainless steel screws,
 mounting bracket: 1 elongated hole Ø 7 mm,
 spacing 18 mm, 1 centre hole Ø 8.5 mm,
 tilt range 170°, M20 cable gland,
 integral driver (AC/DC)

Multispot 1, extra narrow beam

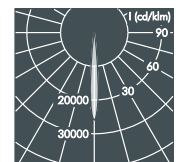
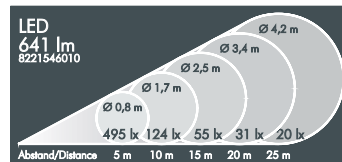
Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 221 546 009	black	1.4 kg	3 x LED 2 W	382 lm	5°
8 221 566 009	white		warm white (3000 K)		
8 221 556 009	silver grey				



Part number	Description	Change of Beam angle γ (FWHM)
. . . 6.. 009	Diffuser film + for moderate light diffusion	5° ⇒ 9°
. . . 7.. 009	Diffuser film ++ for medium light diffusion	5° ⇒ 16°
. . . 8.. 009	Prismatic film for linear beam control	5° ⇒ 5°/40°
. . . 9.. 009	Honeycomb louvre , internal (factory fitted), to avoid glare	

Multispot 1, narrow beam

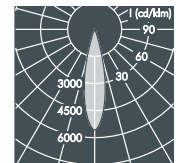
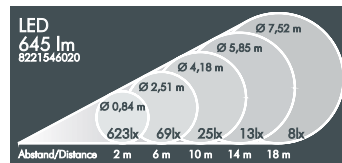
Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 221 546 019	black	1.4 kg	1 x LED module 8 W	641 lm	9°
8 221 566 019	white		warm white (3000 K)		
8 221 556 019	silver grey				



Part number	Description	Change of Beam angle γ (FWHM)
. . . 6.. 019	Diffuser film + for moderate light diffusion	9° ⇒ 11°
. . . 7.. 019	Diffuser film ++ for medium light diffusion	9° ⇒ 17°
. . . 8.. 019	Prismatic film for linear beam control	9° ⇒ 9°/42°
. . . 9.. 019	Honeycomb louvre , internal (factory fitted), to avoid glare	

Multispot 1, medium wide beam

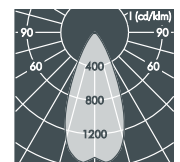
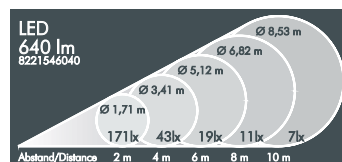
Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 221 546 029	black	1.4 kg	1 x LED module 8 W	645 lm	23°
8 221 566 029	white		warm white (3000 K)		
8 221 556 029	silver grey				



Part number	Description	Change of Beam angle γ (FWHM)
. . . 6.. 029	Diffuser film + for moderate light diffusion	23° ⇒ 25°
. . . 7.. 029	Diffuser film ++ for medium light diffusion	23° ⇒ 27°
. . . 8.. 029	Prismatic film for linear beam control	23° ⇒ 23°/44°
. . . 9.. 029	Honeycomb louvre , internal (factory fitted), to avoid glare	

Multispot 1, medium wide beam plus

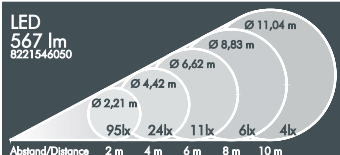
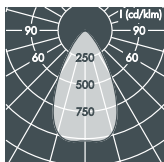
Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 221 546 049	black	1.4 kg	1 x LED module 8 W	640 lm	46°
8 221 566 049	white		warm white (3000 K)		
8 221 556 049	silver grey				



Part number	Description
. . . 9.. 049	Honeycomb louvre , internal (factory fitted), to avoid glare

Luminaires available

in other colour temperatures upon request

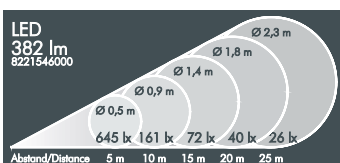
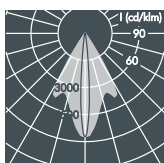
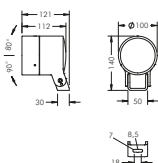


Multispot 1, wide beam

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 221 546 059	black	1.4 kg	1 x LED module 8 W warm white (3000 K)	567 lm	58°
8 221 566 059	white				
8 221 556 059	silver grey				

Part number	Description
. . . 9.. 059	Honeycomb louvre , internal (factory fitted), to avoid glare

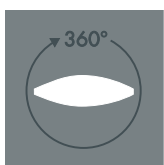
Part number	Description
8 221 0.. . . .	Multispot 1 - without cowl
8 221 1.. . . .	Multispot 1 - without cowl, with Diffuser film + for moderate light diffusion
8 221 2.. . . .	Multispot 1 - without cowl, with Diffuser film ++ for medium light diffusion
8 221 3.. . . .	Multispot 1 - without cowl, with Prismatic film for linear beam control
8 221 4.. . . .	Multispot 1 - without cowl, with Honeycomb louvre , internal (factory fitted), to avoid glare



Multispot 1 - without cowl, linear beam spread, rotatable

Part number	Colour	Description	Luminous flux	Beam angle γ (FWHM)	
8 221 046 079	black	Luminaire with external ribbed glass spreader lens , continuously adjustable through 360° from outside the luminaire	382 lm	C 0 - 180	C 90 - 270
8 221 066 079	white			60°	9°
8 221 056 079	silver grey				

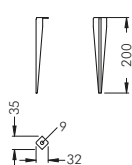
Weight 1.5 kg



Part number	Description
8 221 ..7 .. .	Luminaire with warm white LED module (2700 K)
8 221 ..8 .. .	Luminaire with warm white LED module (2200 K)

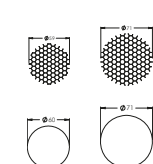
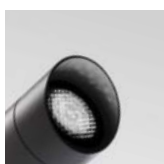
Accessories Multispot 1

Part number	Colour	Description
129 0 731 940	black	Earth spike stainless steel , for use in landscaped areas
129 0 731 960	white	
129 0 731 950	silver grey	



Accessories Multispot 1 - for retro-fitting

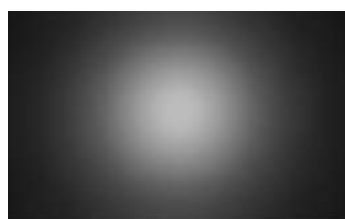
Part number	Description
122 0 704 000	Honeycomb louvre for luminaire with cowl , internal, to avoid glare
122 0 705 000	Honeycomb louvre for luminaire without cowl , internal, to avoid glare
122 0 706 000	Set with Diffuser film and Prismatic film for luminaire with cowl
122 0 707 000	Set with Diffuser film and Prismatic film for luminaire without cowl



Light distributions



without Diffuser film



Diffuser film +

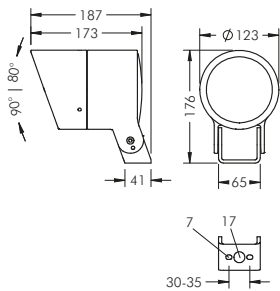


Diffuser film ++




Prismatic film

Luminaires available in other colour temperatures upon request



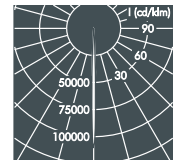
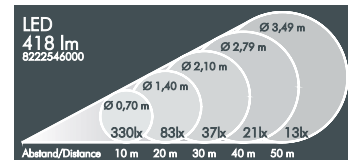
Multispot 2 with mounting bracket

With high performance LED module (Zhaga), integral temperature monitoring device, CRI: > 80, Colour tolerance: 2 SDCM Service life: L80/B10 > 50 000 h protection class I, IP65 , IK08 windage area AW 0,0234 m² corrosion-resistant die cast aluminium housing AlSi12, polyester powder coated, precise PMMA optic, all exterior steel parts are stainless steel, 2 tempered safety glasses: waterproof space for optical film and honeycomb louvres, silicon gasket, closure with 2 stainless steel screws, mounting bracket: 2 drilled holes Ø 7 mm, spacing 32 mm, 1 centre hole Ø 17 mm, tilt range 170°, M20 cable gland, integral driver (AC/DC)

Multispot 2, extra narrow beam

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 222 546 009	black	2.3 kg	3 x LED 2.6 W (8 W) warm white (3000 K)	418 lm	4°
8 222 566 009	white				
8 222 556 009	silver grey				

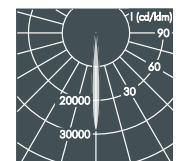
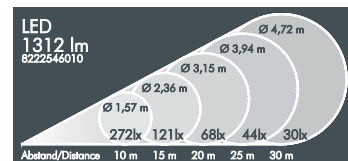
Part number	Description	Change of Beam angle γ (FWHM)
. . . 6.. 009	Diffuser film + for moderate light diffusion	4° ⇒ 8°
. . . 7.. 009	Diffuser film ++ for medium light diffusion	4° ⇒ 15°
. . . 8.. 009	Prismatic film for linear beam control	4° ⇒ 4°/41°
. . . 9.. 009	Honeycomb louvre , internal (factory fitted), to avoid glare	



Multispot 2, narrow beam

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 222 546 019	black	2.3 kg	1 x LED module 1.5 W warm white (3000 K)	1312 lm	9°
8 222 566 019	white				
8 222 556 019	silver grey				

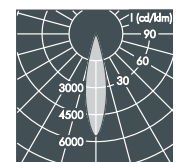
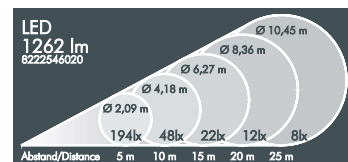
Part number	Description	Change of Beam angle γ (FWHM)
. . . 6.. 019	Diffuser film + for moderate light diffusion	9° ⇒ 11°
. . . 7.. 019	Diffuser film ++ for medium light diffusion	9° ⇒ 16°
. . . 8.. 019	Prismatic film for linear beam control	9° ⇒ 9°/42°
. . . 9.. 019	Honeycomb louvre , internal (factory fitted), to avoid glare	



Multispot 2, medium wide beam

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 222 546 029	black	2.3 kg	1 x LED module 1.5 W warm white (3000 K)	1262 lm	23°
8 222 566 029	white				
8 222 556 029	silver grey				

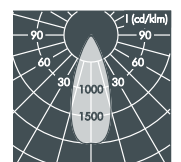
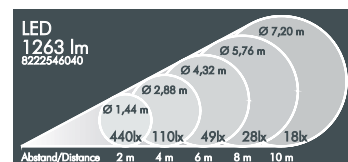
Part number	Description	Change of Beam angle γ (FWHM)
. . . 6.. 029	Diffuser film + for moderate light diffusion	23° ⇒ 25°
. . . 7.. 029	Diffuser film ++ for medium light diffusion	23° ⇒ 27°
. . . 8.. 029	Prismatic film for linear beam control	23° ⇒ 23°/44°
. . . 9.. 029	Honeycomb louvre , internal (factory fitted), to avoid glare	



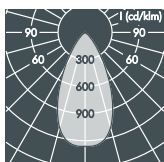
Multispot 2, medium wide beam plus

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 222 546 049	black	2.3 kg	1 x LED module 1.5 W warm white (3000 K)	1263 lm	39°
8 222 566 049	white				
8 222 556 049	silver grey				

Part number	Description	Change of Beam angle γ (FWHM)
. . . 9.. 049	Honeycomb louvre , internal (factory fitted), to avoid glare	



Luminaires available in other colour temperatures upon request

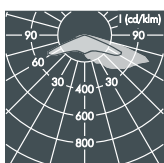


LED 1106 lm 8222546050	Ø 9,63 m Ø 7,70 m Ø 5,78 m Ø 3,85 m Ø 1,93 m	230lx 57lx 26lx 14lx 9lx
Abstand/Distance	2 m 4 m 6 m 8 m 10 m	

Multispot 2, wide beam

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 222 546 059	black	2.3 kg	1 x LED module 15 W warm white (3000 K)	1106 lm	52°
8 222 566 059	white				
8 222 556 059	silver grey				

Part number	Description
... 9... 059	Honeycomb louvre , internal (factory fitted), to avoid glare

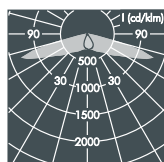


LED 797 lm 8222546090	12,7 m 10,8 m 9,0 m 7,2 m 5,4 m 3,6 m	13lx 9lx 6lx 3lx 2lx 1lx
Abstand/Distance	2 m 3 m 4 m 5 m 6 m 7 m	

Multispot 2, asymmetrical beam*

Part number	Colour	Weight	Light source	Luminous flux	Main beam angle γ
8 222 546 099	black	2.3 kg	1 x LED module 15 W warm white (3000 K)	797 lm	C 90 - 270 67°
8 222 566 099	white				
8 222 556 099	silver grey				

Part number	Description	Change of Main beam angle γ
... 6... 099	Diffuser film + for moderate light diffusion	C 90 - 270 \Rightarrow 48°

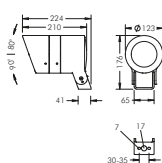


LED 897 lm 8222546080	12,7 m 10,8 m 9,0 m 7,0 m 5,0 m 3,0 m	1,0 2,0 4,0 8,0 1,0
Abstand/Distance	-15 m -10 -5 0 5 10 15 m	

Multispot 2, Street Optic*

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 222 546 089	black	2.3 kg	1 x LED module 15 W warm white (3000 K)	897 lm	C 0 - 180 150°
8 222 566 089	white				
8 222 556 089	silver grey				

Part number	Description	Change of Beam angle γ (FWHM)
... 6... 089	Diffuser film + for moderate light diffusion	C 0 - 180 \Rightarrow 127° C 90 - 270 \Rightarrow 64°

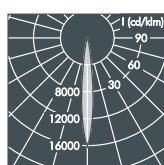
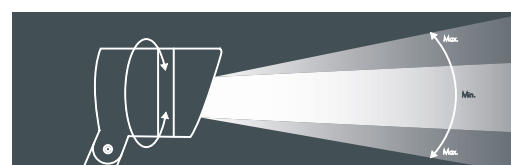


Multispot 2, Vario Optic

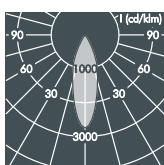
Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 222 546 069	black	2.6 kg	1 x LED module 15 W warm white (3000 K)	max.	12°-31°
8 222 566 069	white				
8 222 556 069	silver grey				

Part number	Description
... 9... 069	Honeycomb louvre , internal (factory fitted), to avoid glare

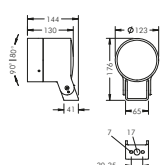
The beam angle is changed from outside while the luminaire is switched on.



LED max. 1216 lm 8222546060	Ø 2,79 m Ø 1,03 m	329 lx 87 lx
Abstand/Distance	5 m	



LED max. 1216 lm 8222546060	Ø 5,58 m Ø 2,07 m	82 lx 22 lx
Abstand/Distance	10 m	



Part number	Description
8 222 0... ..	Multispot 2 - without cowl
8 222 1... ..	Multispot 2 - without cowl, with Diffuser film + for moderate light diffusion
8 222 2... ..	Multispot 2 - without cowl, with Diffuser film + + for medium light diffusion
8 222 3... ..	Multispot 2 - without cowl, with Prismatic film for linear beam control
8 222 4... ..	Multispot 2 - without cowl, with Honeycomb louvre* , internal (factory fitted), to avoid glare

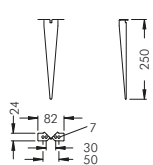
Multispot 2 - without cowl, linear beam spread, rotatable

Part number	Colour	Description	Luminous flux	Beam angle γ (FWHM)
8 222 046 079	black	Luminaire with external ribbed glass spreader lens , continuously adjustable through 360° from outside the luminaire	1176 lm	C 0 - 180 9°
8 222 066 079	white			
8 222 056 079	silver grey			
Weight 2.4 kg				C 90 - 270 60°

Part number	Description
8 222 ..7 ..	Luminaire with warm white LED module (2700 K)
8 222 ..8 ..	Luminaire with warm white LED module (2200 K)
8 222 ... 1..	Dimmable luminaire (DALI)

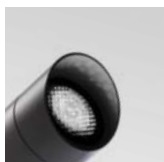
Accessories Multispot 2

Part number	Colour	Description
129 0 502 940	black	Earth spike stainless steel , for use in landscaped areas
129 0 502 960	white	
129 0 502 950	silver grey	



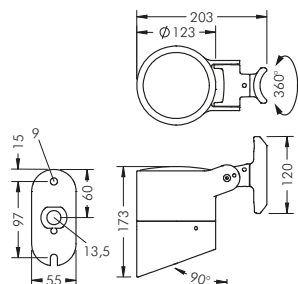
Accessories Multispot 2 - for retro-fitting

Part number	Description
122 0 714 000	Honeycomb louvre for luminaire with cowl , internal, to avoid glare
122 0 715 000	Honeycomb louvre for luminaire without cowl , internal, to avoid glare
122 0 716 000	Set with Diffuser film and Prismatic film for luminaire with cowl
122 0 717 000	Set with Diffuser film and Prismatic film for luminaire without cowl



Luminaires available in other colour temperatures upon request

* Honeycomb louvre not available for asymmetrical beam and Street Optic



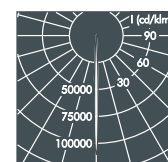
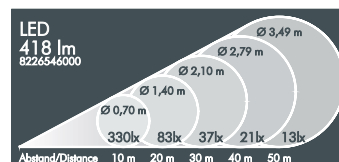
Multispot 2 pole luminaire

With high performance LED module (Zhaga), integral temperature monitoring device, CRI: > 80, Colour tolerance: 2 SDCM
 Service life: L80/B10 > 50 000 h
 protection class I, IP65 , IK08
 windage area AW 0,0234 m²
 corrosion-resistant die cast aluminium housing AlSi12, polyester powder coated,
 precise PMMA optic,
 all exterior steel parts are stainless steel,
 2 tempered safety glasses:
 waterproof space for optical film and honeycomb louvres,
 silicon gasket, closure with 2 stainless steel screws,
 tiltable base made of powder coated aluminium,
 for installation on poles Ø 60 - 100 mm,
 2 drilled holes Ø 9 mm, spacing 97 mm,
 1 centre hole Ø 13.5 mm, swivel range 360°,
 tilt range 90°, M20 cable gland,
 integral driver (AC/DC)

Multispot 2 pole luminaire, extra narrow beam

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 226 546 009	black	2.5 kg	3 x LED 2.6 W	418 lm	4°
8 226 566 009	white		(8 W)		
8 226 556 009	silver grey		warm white (3000 K)		

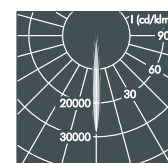
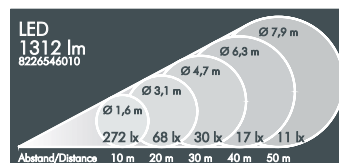
Part number	Description	Change of Beam angle γ (FWHM)
. . . 6.. 009	Diffuser film + for moderate light diffusion	4° \Rightarrow 8°
. . . 7.. 009	Diffuser film ++ for medium light diffusion	4° \Rightarrow 15°
. . . 8.. 009	Prismatic film for linear beam control	4° \Rightarrow 4°/41°
. . . 9.. 009	Honeycomb louvre , internal (factory fitted), to avoid glare	



Multispot 2 pole luminaire, narrow beam

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 226 546 019	black	25 kg	1 x LED module 15 W	1312 lm	9°
8 226 566 019	white		warm white (3000 K)		
8 226 556 019	silver grey				

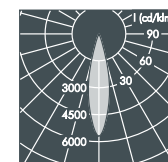
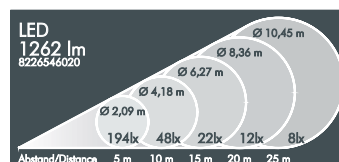
Part number	Description	Change of Beam angle γ (FWHM)
. . . 6.. 019	Diffuser film + for moderate light diffusion	9° \Rightarrow 11°
. . . 7.. 019	Diffuser film ++ for medium light diffusion	9° \Rightarrow 16°
. . . 8.. 019	Prismatic film for linear beam control	9° \Rightarrow 9°/42°
. . . 9.. 019	Honeycomb louvre , internal (factory fitted), to avoid glare	



Multispot 2 pole luminaire, medium wide beam

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 226 546 029	black	2.5 kg	1 x LED module 15 W	1262 lm	23°
8 226 566 029	white		warm white (3000 K)		
8 226 556 029	silver grey				

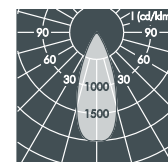
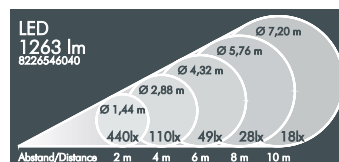
Part number	Description	Change of Beam angle γ (FWHM)
. . . 6.. 029	Diffuser film + for moderate light diffusion	23° \Rightarrow 25°
. . . 7.. 029	Diffuser film ++ for medium light diffusion	23° \Rightarrow 27°
. . . 8.. 029	Prismatic film for linear beam control	23° \Rightarrow 23°/44°
. . . 9.. 029	Honeycomb louvre , internal (factory fitted), to avoid glare	



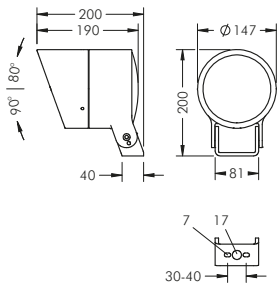
Multispot 2 pole luminaire, medium wide beam plus

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 226 546 049	black	2.5 kg	1 x LED module 15 W	1263 lm	39°
8 226 566 049	white		warm white (3000 K)		
8 226 556 049	silver grey				

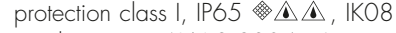
Part number	Description	Change of Beam angle γ (FWHM)
. . . 9.. 049	Honeycomb louvre , internal (factory fitted), to avoid glare	



Luminaires available in other colour temperatures upon request

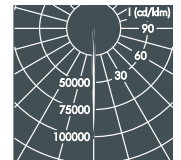
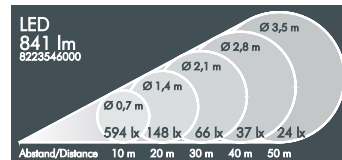


Multispot 3 with mounting bracket

With high performance LED module (Zhaga), integral temperature monitoring device, CRI: > 80, Colour tolerance: 2 SDCM
 Service life: L80/B10 > 50 000 h
 protection class I, IP65 , IK08
 windage area AW 0,0284 m²
 corrosion-resistant die cast aluminium housing AlSi12, polyester powder coated, precise PMMA optic, all exterior steel parts are stainless steel, 2 tempered safety glasses: waterproof space for optical film and honeycomb louvres, silicon gasket, closure with 2 stainless steel screws, mounting bracket: 2 drilled holes Ø 7 mm, spacing 35 mm, 1 centre hole Ø 17 mm, tilt range 170°, M20 cable gland, integral driver (AC/DC)

Multispot 3, extra narrow beam

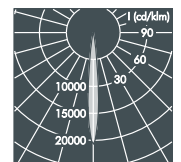
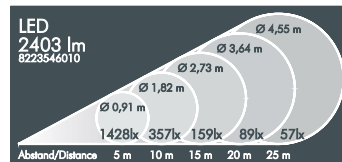
Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 223 546 009	black	2.6 kg	4 x LED 3.7 W	841 lm	4°
8 223 566 009	white		(1.5 W)		
8 223 556 009	silver grey		warm white (3000 K)		



Part number	Description	Change of Beam angle γ (FWHM)
. . . 6.. 009	Diffuser film + for moderate light diffusion	4° ⇒ 8°
. . . 7.. 009	Diffuser film ++ for medium light diffusion	4° ⇒ 15°
. . . 8.. 009	Prismatic film for linear beam control	4° ⇒ 4°/41°
. . . 9.. 009	Honeycomb louvre , internal (factory fitted), to avoid glare	

Multispot 3, narrow beam

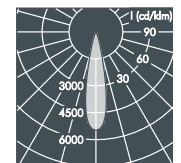
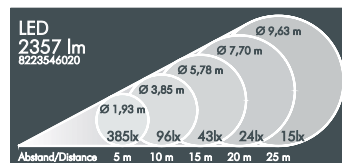
Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 223 546 019	black	2.6 kg	1 x LED module 27 W	2403 lm	10°
8 223 566 019	white		warm white (3000 K)		
8 223 556 019	silver grey				



Part number	Description	Change of Beam angle γ (FWHM)
. . . 6.. 019	Diffuser film + for moderate light diffusion	10° ⇒ 12°
. . . 7.. 019	Diffuser film ++ for medium light diffusion	10° ⇒ 16°
. . . 8.. 019	Prismatic film for linear beam control	10° ⇒ 10°/40°
. . . 9.. 019	Honeycomb louvre , internal (factory fitted), to avoid glare	

Multispot 3, medium wide beam

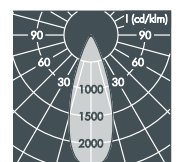
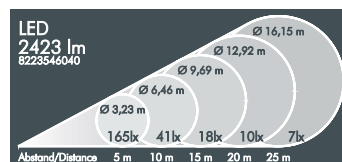
Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 223 546 029	black	2.6 kg	1 x LED module 27 W	2357 lm	22°
8 223 566 029	white		warm white (3000 K)		
8 223 556 029	silver grey				



Part number	Description	Change of Beam angle γ (FWHM)
. . . 6.. 029	Diffuser film + for moderate light diffusion	22° ⇒ 24°
. . . 7.. 029	Diffuser film ++ for medium light diffusion	22° ⇒ 26°
. . . 8.. 029	Prismatic film for linear beam control	22° ⇒ 22°/45°
. . . 9.. 029	Honeycomb louvre , internal (factory fitted), to avoid glare	

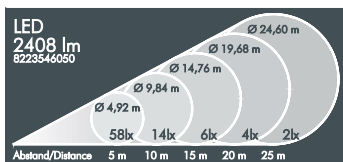
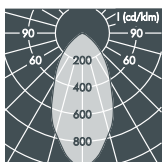
Multispot 3, medium wide beam plus

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 223 546 049	black	2.6 kg	1 x LED module 27 W	2423 lm	36°
8 223 566 049	white		warm white (3000 K)		
8 223 556 049	silver grey				



Part number	Description	Change of Beam angle γ (FWHM)
. . . 9.. 049	Honeycomb louvre , internal (factory fitted), to avoid glare	

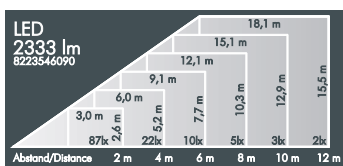
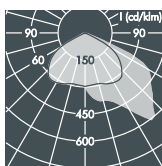
Luminaires available in other colour temperatures upon request



Multispot 3, wide beam

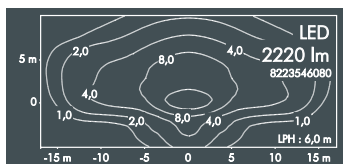
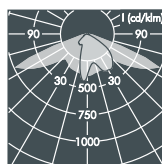
Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 223 546 059	black	2,6 kg	1 x LED module 27 W warm white (3000 K)	2408 lm	53°
8 223 566 059	white				
8 223 556 059	silver grey				

Part number	Description
... 9.. 059	Honeycomb louvre , internal (factory fitted), to avoid glare



Multispot 3, asymmetrical beam*

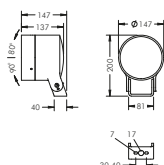
Part number	Colour	Weight	Light source	Luminous flux	Main beam angle γ
8 223 546 099	black	2,6 kg	1 x LED module 27 W warm white (3000 K)	2333 lm	38°
8 223 566 099	white				
8 223 556 099	silver grey				



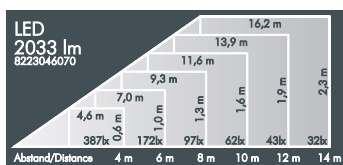
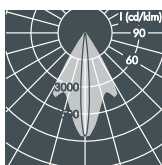
Multispot 3, Street Optic*

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 223 546 089	black	2,6 kg	1 x LED module 27 W warm white (3000 K)	2220 lm	C 0 - 180 139°
8 223 566 089	white				
8 223 556 089	silver grey				

Part number	Description	Change of Beam angle γ (FWHM)
... 6.. 089	Diffuser film + for moderate light diffusion	C 0 - 180 \Rightarrow 124° C 90 - 270 \Rightarrow 69°

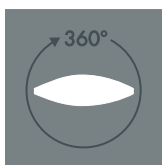


Part number	Description
8 223 0.. ..	Multispot 3 - without cowl
8 223 1.. ..	Multispot 3 - without cowl, with Diffuser film + for moderate light diffusion
8 223 2.. ..	Multispot 3 - without cowl, with Diffuser film ++ for medium light diffusion
8 223 3.. ..	Multispot 3 - without cowl, with Prismatic film for linear beam control
8 223 4.. ..	Multispot 3 - without cowl, with Honeycomb louvre* , internal (factory fitted), to avoid glare



Multispot 3 - without cowl, linear beam spread, rotatable

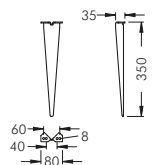
Part number	Colour	Description	Luminous flux	Beam angle γ (FWHM)
8 223 046 079	black	Luminaire with external ribbed glass spreader lens , continuously adjustable through 360° from outside the luminaire	2033 lm	C 0 - 180 10°
8 223 066 079	white			
8 223 056 079	silver grey			



Part number	Description
8 223 ..7 ..	Luminaire with warm white LED module (2700 K)
8 223 ..8 ..	Luminaire with warm white LED module (2200 K)
8 223 ... 1..	Dimmable luminaire (DALI)

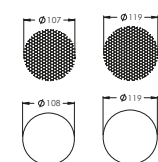
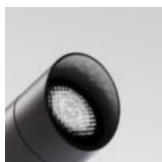
Accessories Multispot 3

Part number	Colour	Description
129 0 736 940	black	Earth spike stainless steel , for use in landscaped areas
129 0 736 960	white	
129 0 736 950	silver grey	



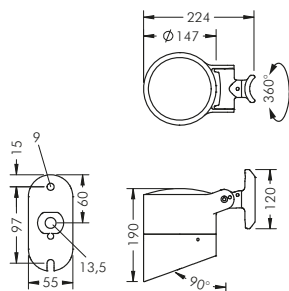
Accessories Multispot 3 - for retro-fitting

Part number	Description
122 0 724 000	Honeycomb louvre for luminaire with cowl , internal, to avoid glare
122 0 725 000	Honeycomb louvre for luminaire without cowl , internal, to avoid glare
122 0 726 000	Set with Diffuser film and Prismatic film for luminaire with cowl
122 0 727 000	Set with Diffuser film and Prismatic film for luminaire without cowl



Luminaires available in other colour temperatures upon request

* Honeycomb louvre not available for asymmetrical beam and Street Optic



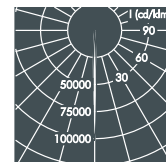
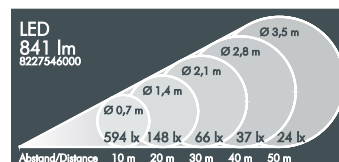
Multispot 3 pole luminaire

With high performance LED module (Zhaga), integral temperature monitoring device, CRI: > 80, Colour tolerance: 2 SDCM
 Service life: L80/B10 > 50 000 h
 protection class I, IP65 \diamond \triangle \triangle , IK08
 windage area AW 0,0284 m²
 corrosion-resistant die cast aluminium housing AlSi12, polyester powder coated,
 precise PMMA optic,
 all exterior steel parts are stainless steel,
 2 tempered safety glasses:
 waterproof space for optical film and honeycomb louvres,
 silicon gasket, closure with 2 stainless steel screws,
 tiltable base made of powder coated aluminium,
 for installation on poles \varnothing 60 - 100 mm,
 2 drilled holes \varnothing 9 mm, spacing 97 mm,
 1 centre hole \varnothing 13.5 mm, swivel range 360°, tilt range 90°, M20 cable gland,
 integral driver (AC/DC)

Multispot 3 pole luminaire, extra narrow beam

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 227 546 009	black	2.8 kg	4 x LED 3.7 W	841 lm	4°
8 227 566 009	white		(1.5 W)		
8 227 556 009	silver grey		warm white (3000 K)		

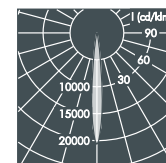
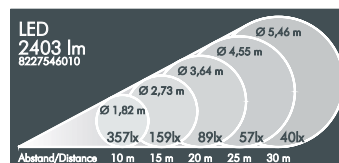
Part number	Description	Change of Beam angle γ (FWHM)
. . . 6.. 009	Diffuser film + for moderate light diffusion	4° \Rightarrow 8°
. . . 7.. 009	Diffuser film ++ for medium light diffusion	4° \Rightarrow 15°
. . . 8.. 009	Prismatic film for linear beam control	4° \Rightarrow 4°/41°
. . . 9.. 009	Honeycomb louvre , internal (factory fitted), to avoid glare	



Multispot 3 pole luminaire, narrow beam

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 227 546 019	black	2.8 kg	1 x LED module 27 W	2403 lm	10°
8 227 566 019	white		warm white (3000 K)		
8 227 556 019	silver grey				

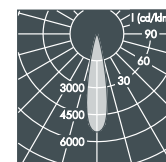
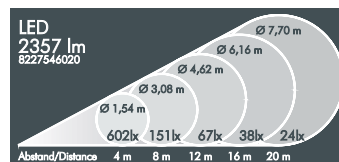
Part number	Description	Change of Beam angle γ (FWHM)
. . . 6.. 019	Diffuser film + for moderate light diffusion	10° \Rightarrow 12°
. . . 7.. 019	Diffuser film ++ for medium light diffusion	10° \Rightarrow 16°
. . . 8.. 019	Prismatic film for linear beam control	10° \Rightarrow 10°/40°
. . . 9.. 019	Honeycomb louvre , internal (factory fitted), to avoid glare	



Multispot 3 pole luminaire, medium wide beam

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 227 546 029	black	2.8 kg	1 x LED module 27 W	2357 lm	22°
8 227 566 029	white		warm white (3000 K)		
8 227 556 029	silver grey				

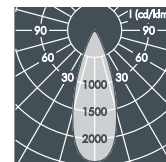
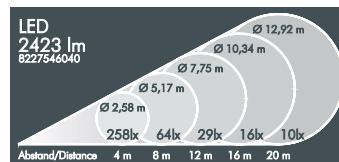
Part number	Description	Change of Beam angle γ (FWHM)
. . . 6.. 029	Diffuser film + for moderate light diffusion	22° \Rightarrow 24°
. . . 7.. 029	Diffuser film ++ for medium light diffusion	22° \Rightarrow 26°
. . . 8.. 029	Prismatic film for linear beam control	22° \Rightarrow 22°/45°
. . . 9.. 029	Honeycomb louvre , internal (factory fitted), to avoid glare	



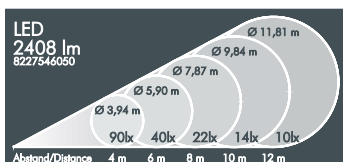
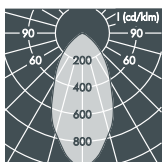
Multispot 3 pole luminaire, medium wide beam plus

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 227 546 049	black	2.8 kg	1 x LED module 27 W	2423 lm	36°
8 227 566 049	white		warm white (3000 K)		
8 227 556 049	silver grey				

Part number	Description
. . . 9.. 049	Honeycomb louvre , internal (factory fitted), to avoid glare



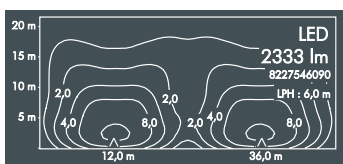
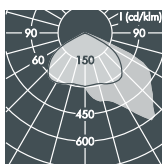
Luminaires available in other colour temperatures upon request



Multispot 3 pole luminaire, wide beam

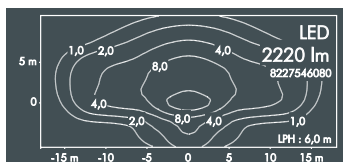
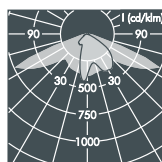
Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 227 546 059	black	2.8 kg	1 x LED module 27 W warm white (3000 K)	2408 lm	53°
8 227 566 059	white				
8 227 556 059	silver grey				

Part number	Description
... 9.. 059	Honeycomb louvre , internal (factory fitted), to avoid glare



Multispot 3 pole luminaire, asymmetrical beam*

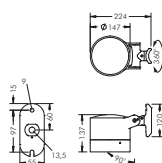
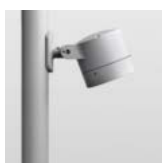
Part number	Colour	Weight	Light source	Luminous flux	Main beam angle γ
8 227 546 099	black	2.8 kg	1 x LED module 27 W warm white (3000 K)	2333 lm	38°
8 227 566 099	white				
8 227 556 099	silver grey				



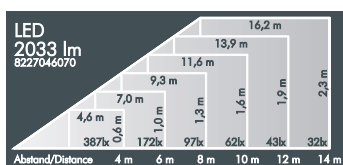
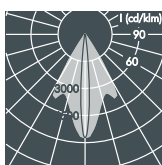
Multispot 3 pole luminaire, Street Optic*

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)	
8 227 546 089	black	2.8 kg	1 x LED module 27 W warm white (3000 K)	2220 lm	C 0 - 180	C 90 - 270
8 227 566 089	white				139°	76°
8 227 556 089	silver grey					

Part number	Description	Change of Beam angle γ (FWHM)
... 6.. 089	Diffuser film + for moderate light diffusion	C 0 - 180 \Rightarrow 124° C 90 - 270 \Rightarrow 69°



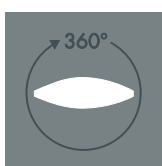
Part number	Description
8 227 0.. . . .	Multispot 3 pole luminaire - without cowl
8 227 1.. . . .	Multispot 3 pole luminaire - without cowl, with Diffuser film + for moderate light diffusion
8 227 2.. . . .	Multispot 3 pole luminaire - without cowl, with Diffuser film + + for medium light diffusion
8 227 3.. . . .	Multispot 3 pole luminaire - without cowl, with Prismatic film for linear beam control
8 227 4.. . . .	Multispot 3 pole luminaire - without cowl, with Honeycomb louvre* , internal (factory fitted), to avoid glare



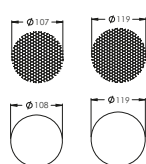
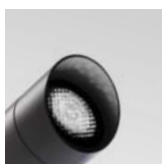
Multispot 3 pole luminaire - without cowl, linear beam spread, rotatable

Part number	Colour	Description	Luminous flux	Beam angle γ (FWHM)	
8 227 046 079	black	Luminaire with external ribbed glass spreader lens , continuously adjustable through 360° from outside the luminaire	2033 lm	C 0 - 180	C 90 - 270
8 227 066 079	white			10°	59°
8 227 056 079	silver grey				

Weight 2.9 kg



Part number	Description
8 227 ..7 .. .	Luminaire with warm white LED module (2700 K)
8 227 ..8 .. .	Luminaire with warm white LED module (2200 K)
8 227 ... 1..	Dimmable luminaire (DALI)



Accessories Multispot 3 pole luminaire - for retro-fitting

Part number	Description
122 0 724 000	Honeycomb louvre for luminaire with cowl , internal, to avoid glare
122 0 725 000	Honeycomb louvre for luminaire without cowl , internal, to avoid glare
122 0 726 000	Set with Diffuser film and Prismatic film for luminaire with cowl
122 0 727 000	Set with Diffuser film and Prismatic film for luminaire without cowl

Luminaires available
in other colour temperatures upon request

* **Honeycomb louvre** not available for asymmetrical beam and Street Optic