

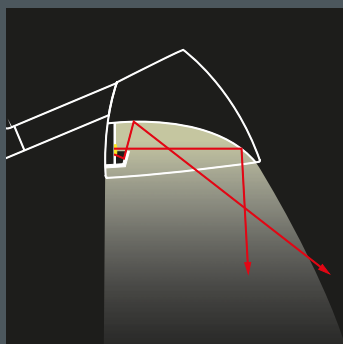


New Products 2026



Metapark are pole luminaires with a unique design and optics that provide a high level of glare control. This luminaire series is developed to illuminate parks, pedestrian areas and cycle paths. Metapark blends into landscape architecture and harmonises with historical and modern environments. There are two mounting options – a pole bracket and a shorter arm. To protect nocturnal animals and insects, the luminaires are available with warm colour temperatures and an adjustable white light option.

Light from LED modules that are completely shielded is directed onto precise reflectors. With this indirect optic perfect glare control is achieved.



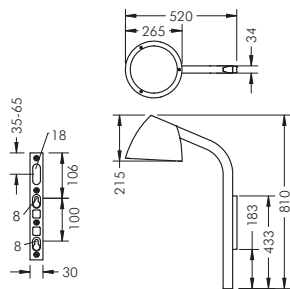
With gold anodised reflectors colour temperatures can be reduced.

The luminaire design is reduced to the essentials. Metapark with high efficiency and visual comfort is a contemporary alternative to a classic lantern. Luminaire configurations with different mounting heights offer a large scope for design.



Metapark pole luminaires become distinct design features in landscape architecture and in urban environments.





Metapark with pole bracket

With highly efficient LED modules,
integral temperature monitoring device,
CRI: > 80, Colour tolerance: 2 SDCM
Service life: L80/B20 > 50 000 h
protection class I or II, IP65 , IK08
windage area AW 0.168 m²
corrosion-resistant die cast aluminium housing AlSi12,
polyester powder coated,
highly efficient aluminium reflector or
PMMA lens (Street Optic),
all exterior steel parts are stainless steel,
tempered safety glass,
silicon gasket,
closure with 3 stainless steel screws,
for installation on poles Ø 60 - 100 mm:
2 cylinder screws M8, spacing 100 mm,
M20 cable gland,
with 8 m cable H07RN-F3G1,
integral driver (AC/DC)

Metapark with pole bracket, asymmetrical beam

Part number	Colour	Weight	Light source	Luminous flux	Main beam angle γ
8 752 746 049	black	5.2 kg	1 x LED module 48 W warm white (3000 K)	4282 lm	60°
8 752 766 049	white				
8 752 756 049	silver grey				

Part number	Description
... 029	Luminaire with gold anodised reflector

Metapark with pole bracket, lateral wide beam

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)	
8 752 746 059	black	5.2 kg	2 x LED module 24 W (48 W) warm white (3000 K)	5138 lm	C 0 – 180	C 90 – 270
8 752 766 059	white				133°	65°
8 752 756 059	silver grey					

Part number	Description
... 039	Luminaire with gold anodised reflector

Metapark with pole bracket, Street Optic

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)	
8 752 746 089	black	5.2 kg	6 x LED module 8.8 W (53 W) warm white (3000 K)	7204 lm	C 0 – 180	C 90 – 270
8 752 766 089	white				153°	89°
8 752 756 089	silver grey					

Part number	Description
... 3	Protection class II luminaire
... 7	Luminaire with warm white LED module (2700 K)
... 8	Luminaire with warm white LED module (2200 K)
... 1..	Dimmable luminaire (DALI)
... 2..	Dimmable luminaire (DALI D4i)
... 3..	Luminaire with Zhaga-18 interface

Accessories Metapark

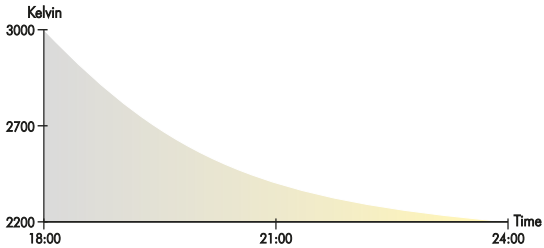
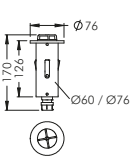
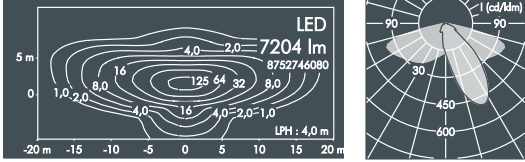
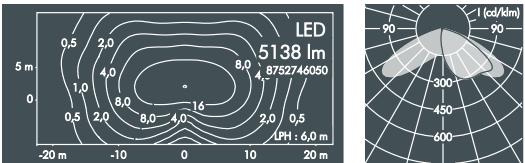
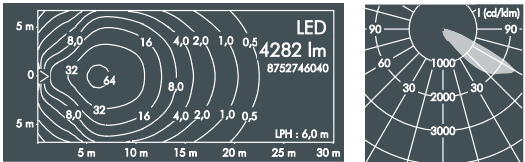
Ø 60 mm	Ø 76 mm		
Part number	Part number	Colour	Description
120 0 699 940	120 0 700 940	black	Post-top fitter for insertion, with Zhaga 18-interface, with 8 m cable, for control and monitoring of max. 4 luminaires with D4i LED driver
120 0 699 960	120 0 700 960	white	
120 0 699 950	120 0 700 950	silver grey	

Metapark with pole bracket, Adjustable White, asymmetrical beam

Part number	Colour	Weight	Light source	Luminous flux	Main beam angle γ
8 752 742 149	black	5.2 kg	1 x LED warm white (2200 K) and 1 x LED warm white (3000 K) (max 28 W)	1772 lm to 2141 lm	60°
8 752 762 149	white				
8 752 752 149	silver grey				

Metapark with pole bracket, Adjustable White, lateral wide beam

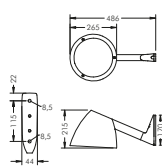
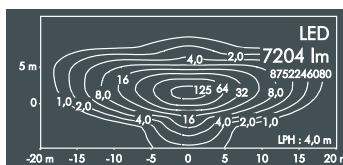
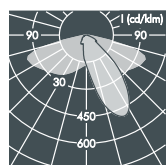
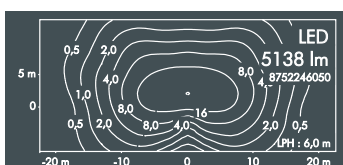
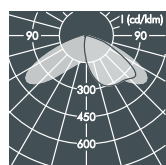
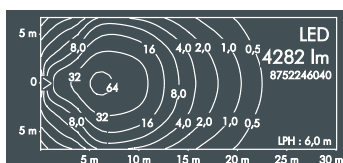
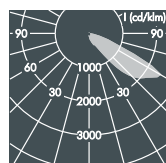
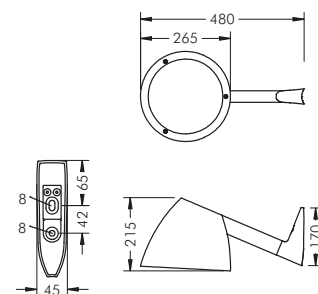
Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)	
8 752 742 159	black	5.2 kg	2 x LED warm white (2200 K) and 2 x LED warm white (3000 K) (max 28 W)	1839 lm to 2568 lm	C 0 – 180	C 90 – 270
8 752 762 159	white				133°	65°
8 752 752 159	silver grey					



With the Adjustable White light control colour temperatures can be adapted to the needs of sustainable illumination during the night hours and throughout the season.

Metapark with pole arm

With highly efficient LED modules,
integral temperature monitoring device,
CRI: > 80, Colour tolerance: 2 SDCM
Service life: L80/B20 > 50 000 h
protection class I or II, IP65 , IK08
windage area AW 0.148 m²
corrosion-resistant die cast aluminium housing AlSi12,
polyester powder coated,
highly efficient aluminium reflector or
PMMA lens (Street Optic),
all exterior steel parts are stainless steel,
tempered safety glass,
silicon gasket,
closure with 3 stainless steel screws,
for installation on poles Ø 60 - 100 mm:
2 cylinder screws M8, spacing 42 mm,
M20 cable gland,
with 8 m cable H07RN-F3G1,
integral driver (AC/DC)



Wall luminaire

Metapark with pole arm, asymmetrical beam

Part number	Colour	Weight	Light source	Luminous flux	Main beam angle γ
8 752 246 049	black	4.4 kg	1 x LED module 48 W warm white (3000 K)	4282 lm	60°
8 752 266 049	white				
8 752 256 049	silver grey				

Part number	Description
... 029	Luminaire with gold anodised reflector

Metapark with pole arm, lateral wide beam

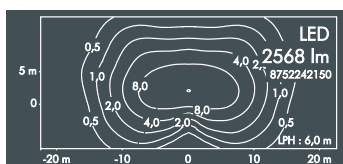
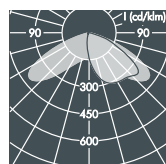
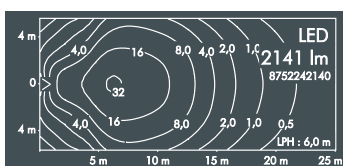
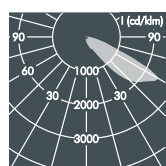
Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 752 246 059	black	4.4 kg	2 x LED module 24 W (48 W) warm white (3000 K)	5138 lm	C 0 – 180
8 752 266 059	white				C 90 – 270
8 752 256 059	silver grey				133°

Part number	Description
... 039	Luminaire with gold anodised reflector

Metapark with pole arm, Street Optic

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 752 246 089	black	4.4 kg	6 x LED module 8.8 W (53 W) warm white (3000 K)	7204 lm	C 0 – 180
8 752 266 089	white				C 90 – 270
8 752 256 089	silver grey				153°

Part number	Description
... 3 ...	Protection class II luminaire
... 7 ...	Luminaire with warm white LED module (2700 K)
... 8 ...	Luminaire with warm white LED module (2200 K)
... 1 ..	Dimmable luminaire (DALI)
... 2 ..	Dimmable luminaire (DALI D4i)
... 3 ..	Luminaire with Zhaga-18 interface
... 1 ...	Wall mounted luminaire



Metapark with pole arm, Adjustable White, asymmetrical beam

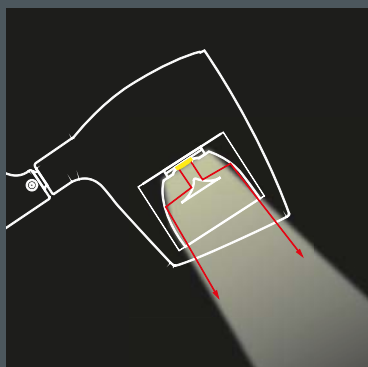
Part number	Colour	Weight	Light source	Luminous flux	Main beam angle γ
8 752 242 149	black	4.4 kg	1 x LED warm white (2200 K) and 1 x LED warm white (3000 K) (max 28 W)	1772 lm to 2141 lm	60°
8 752 262 149	white				
8 752 252 149	silver grey				

Metapark with pole arm, Adjustable White, lateral wide beam

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 752 242 159	black	4.4 kg	2 x LED warm white (2200 K) and 2 x LED warm white (3000 K) (max 28 W)	1839 lm to 2568 lm	C 0 – 180
8 752 262 159	white				C 90 – 270
8 752 252 159	silver grey				133°



The innovative Monospot+ luminaires are a further development of the Monospot series. With their distinct design the floodlights become features in landscape architecture and in public spaces. By combining external cowls and indirect reflectors excellent glare control is achieved. The luminaires can be controlled and monitored remotely via a Zhaga-18 interface.



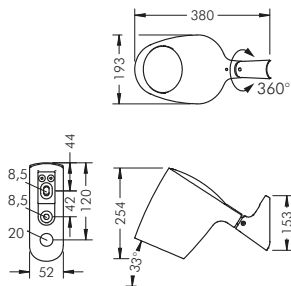
Without any direct glare, the light of the LED module is guided onto a primary and secondary reflector. The result of this indirect optical design is perfect glare control combined with high efficiency.

The luminaires are equipped with a turn-and-tilt pole mounting system. They are available either with a mounting base or with an extended arm. By combining these two versions, interesting design options for pole configurations are created. The large choice of different light distributions makes precise illumination of floor areas possible.



Europaplatz, Tübingen (Germany)
Lighting design: Vogtpartner, Switzerland



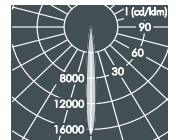
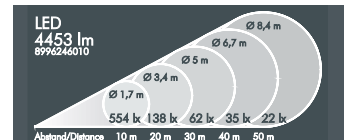


Monospot+ pole luminaire

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 or II, IP65 , IK08
windage area A_W 0.049 m²
corrosion-resistant die cast aluminium housing AlSi12,
polyester powder coated,
highly efficient aluminium reflector or
PMMA lens (Street Optic),
all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket,
closure with 3 stainless steel screws,
tiltable base made of powder coated aluminium,
mounting base:
2 drilled holes Ø 8.5 mm, spacing 42 mm,
1 centre hole Ø 20 mm, tilt range 33°,
swivel range 360°, M20 cable gland,
integral driver (AC/DC)

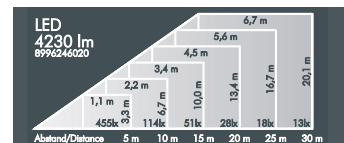
Monospot+, narrow beam

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 996 246 019	black	4.1 kg	1 x LED module 53 W	4453 lm	10°
8 996 266 019	white		warm white (3000 K)		
8 996 256 019	silver grey				



Monospot+, linear beam spread, vertical

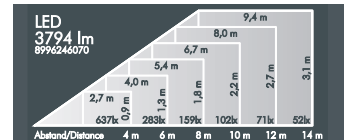
Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 996 246 029	black	4.1 kg	1 x LED module 53 W	4230 lm	C 0 – 180 C 90 – 270
8 996 266 029	white		warm white (3000 K)		37° 12°
8 996 256 029	silver grey				



. 3. Luminaire with linear beam spread, horizontal

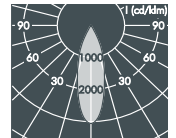
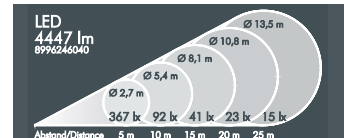
Monospot+, linear beam spread, rotatable

Part number	Colour	Description	Luminous flux	Beam angle γ (FWHM)
8 996 246 079	black	Luminaire with external ribbed glass spreader lens, continuously adjustable through 360° from outside the luminaire	3794 lm	C 0 – 180 C 90 – 270
8 996 266 079	white			37° 12°
8 996 256 079	silver grey			



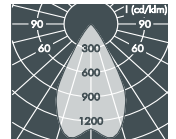
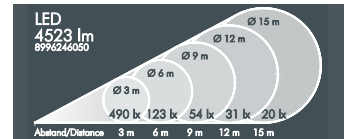
Monospot+, medium wide beam

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 996 246 049	black	4.1 kg	1 x LED module 53 W	4447 lm	30°
8 996 266 049	white		warm white (3000 K)		
8 996 256 049	silver grey				



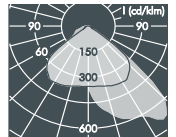
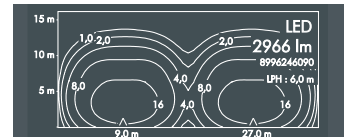
Monospot+, wide beam

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 996 246 059	black	4.1 kg	1 x LED module 53 W	4523 lm	53°
8 996 266 059	white		warm white (3000 K)		
8 996 256 059	silver grey				



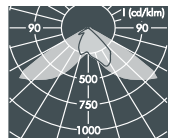
Monospot+, asymmetrical beam

Part number	Colour	Weight	Light source	Luminous flux	Main beam angle γ
8 996 246 099	black	4.9 kg	1 x LED module 53 W	2966 lm	38°
8 996 266 099	white		warm white (3000 K)		
8 996 256 099	silver grey				



Monospot+, Street Optic

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 996 246 089	black	4.9 kg	1 x LED module 53 W	3764 lm	C 0 – 180 C 90 – 270
8 996 266 089	white		warm white (3000 K)		117° 88°
8 996 256 089	silver grey				



Part number	Description
. . . 5	Monospot+ (27 W)
. . . 7	Protection class II luminaire (27 W)
. . . 8	Protection class II luminaire (53 W)
. . . . 7	Luminaire with warm white LED module (2700 K)
. . . . 8	Luminaire with warm white LED module (2200 K)
. 1 . . .	Dimmable luminaire (DALI)
. 2 . . .	Dimmable luminaire (DALI D4i)
. 3 . . .	Luminaire with Zhaga-18 interface

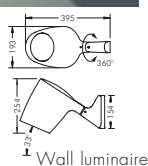
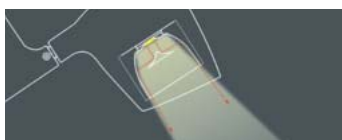
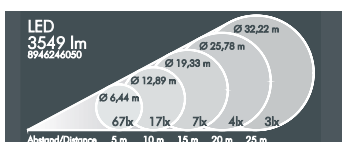
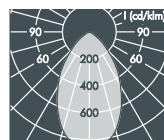
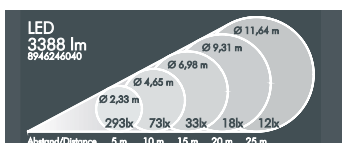
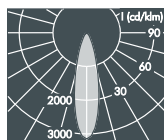
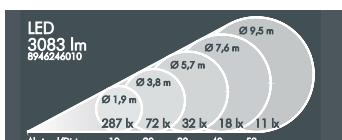
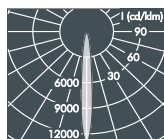
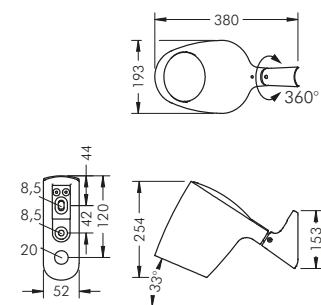
Luminaires available
in other colour temperatures upon request

Monospot+ pole luminaire with secondary reflector

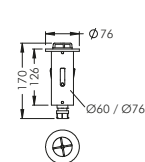
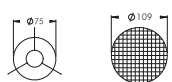
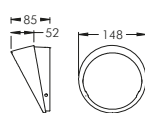
With high performance LED module (Zhaga),
integral temperature monitoring device,
CRI: > 80, Colour tolerance: 2 SDCM
Service life: L80/B10 > 50 000 h
protection class I or II, IP65 , IK08
windage area A_W 0.049 m²

corrosion-resistant die cast aluminium housing AlSi12,
polyester powder coated, enhanced glare control
with primary and secondary reflector,
all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket,
closure with 3 stainless steel screws,
tiltable base made of powder coated aluminium,
mounting base:

2 drilled holes Ø 8.5 mm, spacing 42 mm,
1 centre hole Ø 20 mm, tilt range 33°,
swivel range 360°, M20 cable gland,
integral driver (AC/DC)



Wall luminaire



Luminaires available
in other colour temperatures upon request

Monospot+ secondary reflector, narrow beam

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 946 246 019	black	4.2 kg	1 x LED module 53 W	3083 lm	10°
8 946 266 019	white		warm white (3000 K)		
8 946 256 019	silver grey				

Monospot+ secondary reflector, medium wide beam

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 946 246 049	black	4.2 kg	1 x LED module 53 W	3388 lm	26°
8 946 266 049	white		warm white (3000 K)		
8 946 256 049	silver grey				

Monospot+ secondary reflector, wide beam

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 946 246 059	black	4.2 kg	1 x LED module 53 W	3549 lm	66°
8 946 266 059	white		warm white (3000 K)		
8 946 256 059	silver grey				

Part number	Description
... 5 ...	Monospot+ secondary reflector (27 W)
... 7 ...	Protection class II luminaire (27 W)
... 8 ...	Protection class II luminaire (53 W)
... 7 ...	Luminaire with warm white LED module (2700 K)
... 8 ...	Luminaire with warm white LED module (2200 K)
... 1 ...	Dimmable luminaire (DALI)
... 2 ...	Dimmable luminaire (DALI D4i)
... 3 ...	Luminaire with Zhaga-18 interface
... 4 ...	Wall mounted luminaire

Accessories Monospot+ external, for retro-fitting

Part number	Colour	Description
129 0 990 940	black	Cowl length 52 mm , die cast aluminium,
129 0 990 960	white	polyester powder coated, to avoid lateral glare,
129 0 990 950	silver grey	for retro-fitting

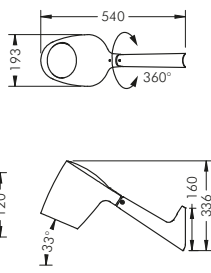
Accessories Monospot+ internal, factory fitted*

Part number	Description
129 0 729 940	Radial louvre , internal (factory fitted)
129 0 753 000	Honeycomb louvre , internal (factory fitted)

* not available for asymmetrical beam, Street Optic and secondary reflector

Accessories Monospot+

Part number	Part number	Colour	Description
120 0 699 940	120 0 700 940	black	Post-top fitter for insertion, with Zhaga 18-interface,
120 0 699 960	120 0 700 960	white	with 8 m cable, for control and monitoring of
120 0 699 950	120 0 700 950	silver grey	max. 4 luminaires with D4i LED driver

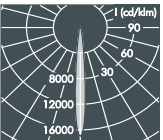
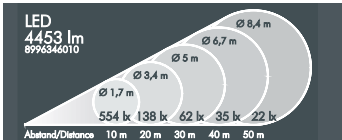


Monospot+ pole luminaire with arm

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 or II, IP65 , IK08
windage area AW 0.059 m²
corrosion-resistant die cast aluminium housing AlSi12, polyester powder coated,
highly efficient aluminium reflector or PMMA lens (Street Optic),
all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket,
closure with 3 stainless steel screws,
tiltable base made of powder coated aluminium,
mounting base:
2 drilled holes Ø 8.5 mm, spacing 42 mm,
1 centre hole Ø 20 mm, tilt range 33°,
swivel range 360°, M20 cable gland,
integral driver (AC/DC)

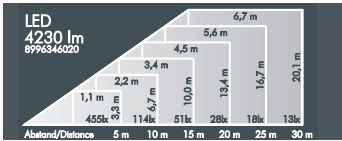
Monospot+ with arm, narrow beam

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 996 346 019	black	4.6 kg	1 x LED module 53 W warm white (3000 K)	4453 lm	10°
8 996 366 019	white				
8 996 356 019	silver grey				



Monospot+ with arm, linear beam spread, vertical

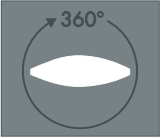
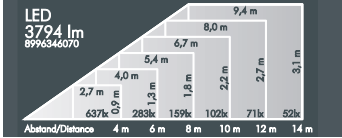
Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 996 346 029	black	4.6 kg	1 x LED module 53 W warm white (3000 K)	4230 lm	C 0 – 180
8 996 366 029	white				C 90 – 270
8 996 356 029	silver grey				37°



Monospot+ with arm, linear beam spread, horizontal

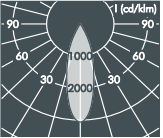
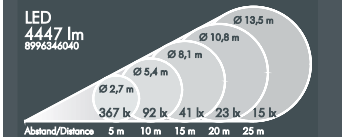
Monospot+ with arm, linear beam spread, rotatable

Part number	Colour	Description	Luminous flux	Beam angle γ (FWHM)
8 996 346 079	black	Luminaire with external ribbed glass spreader lens, continuously adjustable through 360° from outside the luminaire	3794 lm	C 0 – 180
8 996 366 079	white			C 90 – 270
8 996 356 079	silver grey			37°



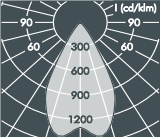
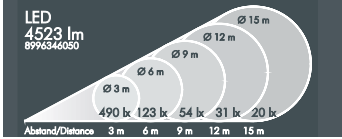
Monospot+ with arm, medium wide beam

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 996 346 049	black	4.6 kg	1 x LED module 53 W warm white (3000 K)	4447 lm	30°
8 996 366 049	white				
8 996 356 049	silver grey				



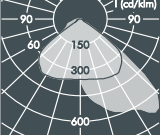
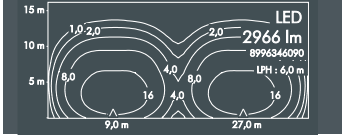
Monospot+ with arm, wide beam

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 996 346 059	black	4.6 kg	1 x LED module 53 W warm white (3000 K)	4523 lm	53°
8 996 366 059	white				
8 996 356 059	silver grey				



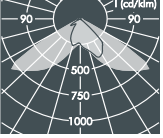
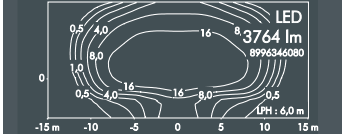
Monospot+ with arm, asymmetrical beam

Part number	Colour	Weight	Light source	Luminous flux	Main beam angle γ
8 996 346 099	black	5.4 kg	1 x LED module 53 W warm white (3000 K)	2966 lm	38°
8 996 366 099	white				
8 996 356 099	silver grey				



Monospot+ with arm, Street Optic

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 996 346 089	black	5.4 kg	1 x LED module 53 W warm white (3000 K)	3764 lm	C 0 – 180
8 996 366 089	white				C 90 – 270
8 996 356 089	silver grey				117°



Part number	Description
...5...	Monospot+ with arm (27 W)
...7...	Protection class II luminaire (27 W)
...8...	Protection class II luminaire (53 W)
...7...	Luminaire with warm white LED module (2700 K)
...8...	Luminaire with warm white LED module (2200 K)
...1...	Dimmable luminaire (DALI)
...2...	Dimmable luminaire (DALI D4i)
...3...	Luminaire with Zhaga-18 interface

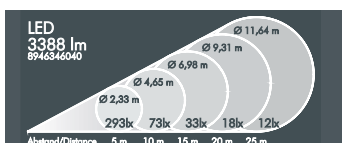
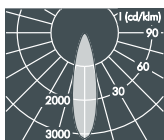
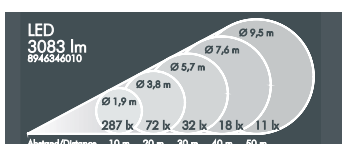
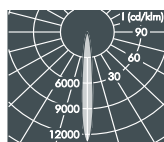
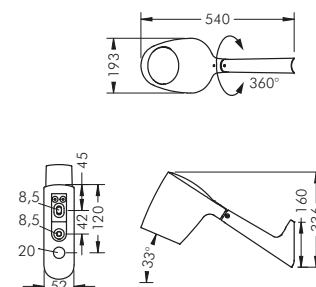
Luminaires available
in other colour temperatures upon request

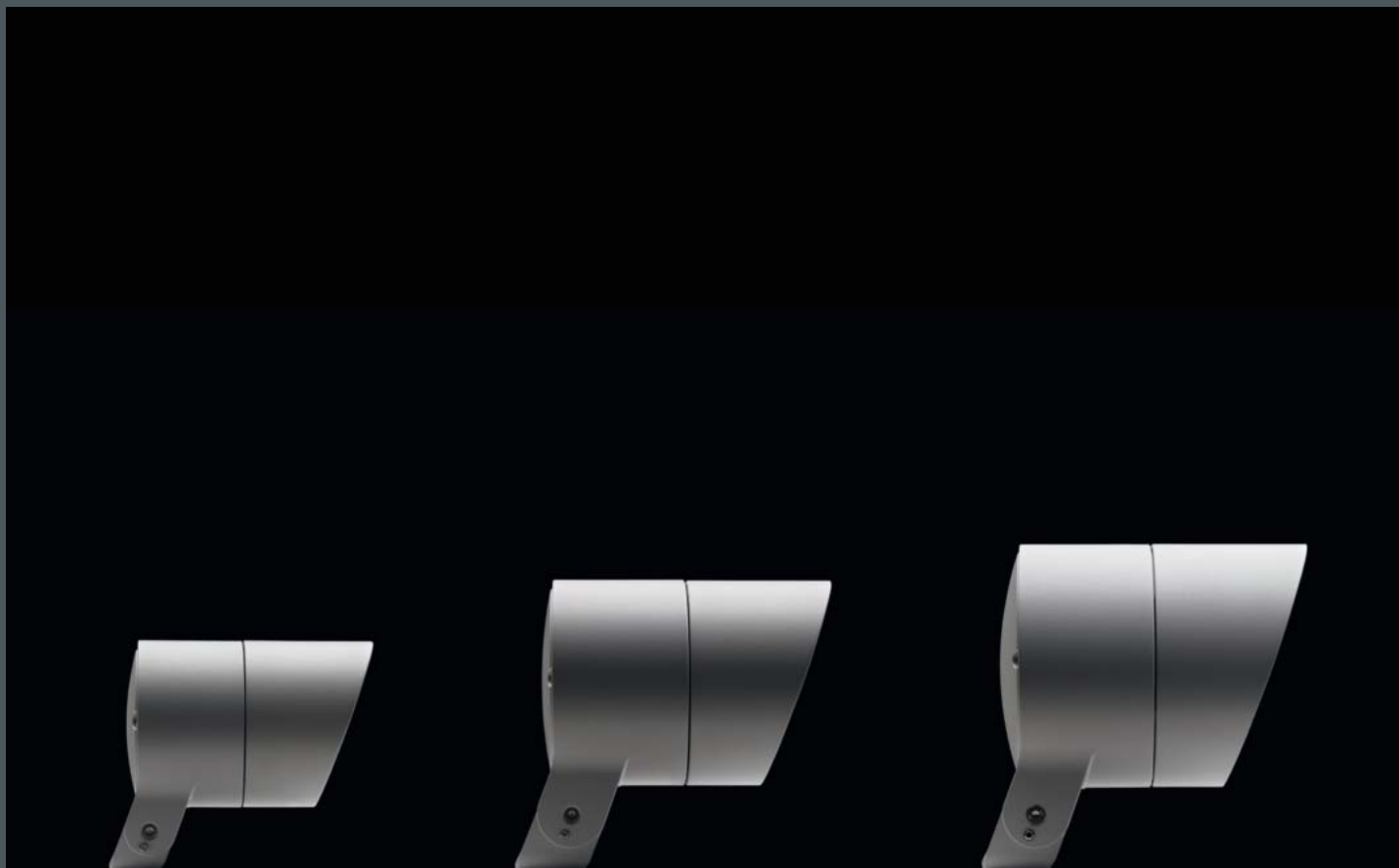
Monospot+ pole luminaire with arm and secondary reflector

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 or II, IP65 , IK08
windage area A_W 0.059 m²

corrosion-resistant die cast aluminium housing AlSi12,
polyester powder coated, enhanced glare control
with primary and secondary reflector,
all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket,
closure with 3 stainless steel screws,
tiltable base made of powder coated aluminium,
mounting base:

2 drilled holes Ø 8.5 mm, spacing 42 mm,
1 centre hole Ø 20 mm, tilt range 33°,
swivel range 360°, M20 cable gland,
integral driver (AC/DC)





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 louvers. With their minimalist, cylindrical design the luminaires blend harmoniously into all architectural environments.



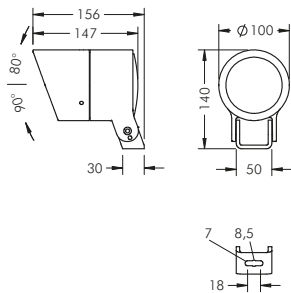
Accessories such as optical film and honeycomb louvers can be added to the luminaires on site. For that purpose, there is a waterproof space between the luminaire housing and cover. During the assembly of the accessory the luminaire remains closed and the IP rating is not compromised.

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





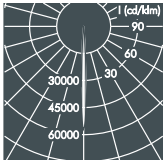
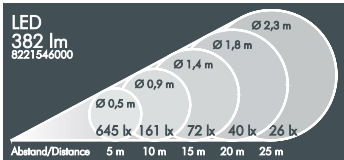
Multispot 1 with mounting bracket

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 warm white (3000 K)	382 lm	5°
8 221 566 009	white				
8 221 556 009	silver grey				

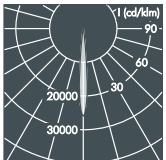
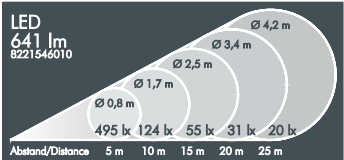
Part number	Description	Change of Beam angle γ (FWHM)
. . . 6.. 009	Diffuser film + for moderate light diffusion	5° ⇒ 9°
. . . 7.. 009	Diffuser film + + for medium light diffusion	5° ⇒ 16°
. . . 8.. 009	Prismatic film for linear beam control	5° ⇒ 5°/40°
. . . 9.. 009	Honeycomb louvre , internal (factory 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 warm white (3000 K)	641 lm	9°
8 221 566 019	white				
8 221 556 019	silver grey				

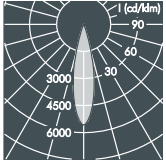
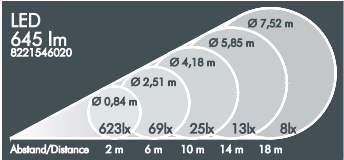
Part number	Description	Change of Beam angle γ (FWHM)
. . . 6.. 019	Diffuser film + for moderate light diffusion	9° ⇒ 11°
. . . 7.. 019	Diffuser film + + for medium light diffusion	9° ⇒ 17°
. . . 8.. 019	Prismatic film for linear beam control	9° ⇒ 9°/42°
. . . 9.. 019	Honeycomb louvre , internal (factory 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 warm white (3000 K)	645 lm	23°
8 221 566 029	white				
8 221 556 029	silver grey				

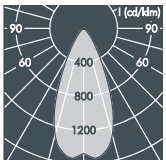
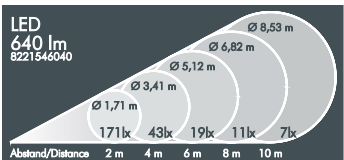
Part number	Description	Change of Beam angle γ (FWHM)
. . . 6.. 029	Diffuser film + for moderate light diffusion	23° ⇒ 25°
. . . 7.. 029	Diffuser film + + for medium light diffusion	23° ⇒ 27°
. . . 8.. 029	Prismatic film for linear beam control	23° ⇒ 23°/44°
. . . 9.. 029	Honeycomb louvre , internal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



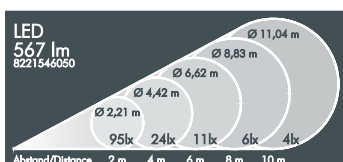
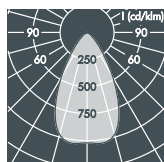
Multispot 1, medium wide beam plus

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 warm white (3000 K)	640 lm	46°
8 221 566 049	white				
8 221 556 049	silver grey				

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



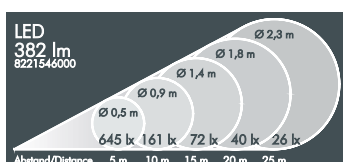
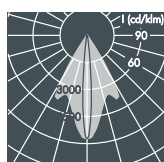
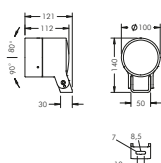
Luminaires available
in other colour temperatures upon request



Multispot 1, wide beam

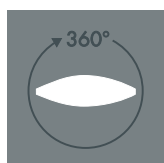
Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 221 546 059	black	1.4 kg	1 x LED module 8 W warm white (3000 K)	567 lm	58°
8 221 566 059	white				
8 221 556 059	silver grey				

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



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	

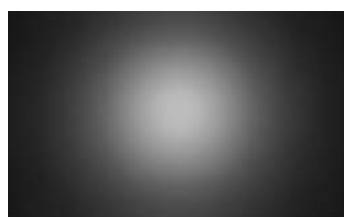
Accessories Multispot 1 - for retro-fitting

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 +

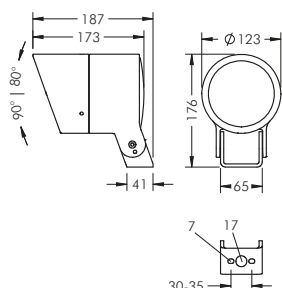


Diffuser film ++



Prismatic film

Luminaires available
in other colour temperatures upon request

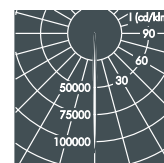
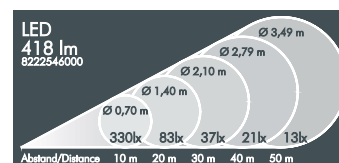


Multispot 2 with mounting bracket

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

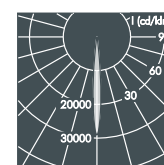
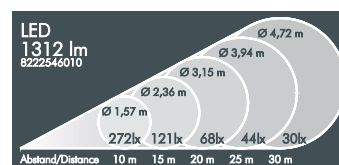
Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 222 546 009	black	2.3 kg	3 x LED 2.6 W (8 W) warm white (3000 K)	418 lm	4°
8 222 566 009	white				
8 222 556 009	silver grey				



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

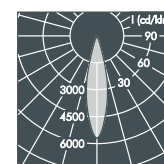
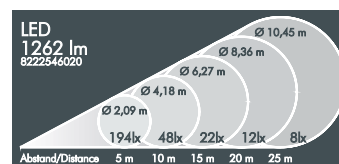
Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 222 546 019	black	2.3 kg	1 x LED module 1.5 W warm white (3000 K)	1312 lm	9°
8 222 566 019	white				
8 222 556 019	silver grey				



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				

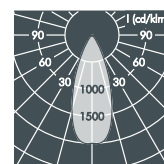
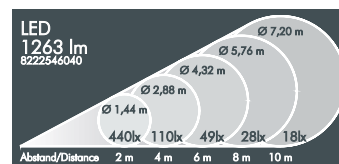


Part number	Description	Change of Beam angle γ (FWHM)
. . . 6.. 029	Diffuser film + for moderate light diffusion	23° ⇒ 25°
. . . 7.. 029	Diffuser film + + for medium light diffusion	23° ⇒ 27°
. . . 8.. 029	Prismatic film for linear beam control	23° ⇒ 23°/44°
. . . 9.. 029	Honeycomb louvre , internal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

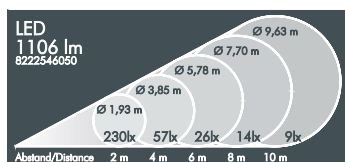
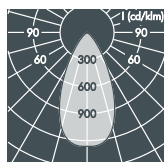
Multispot 2, medium wide beam plus

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



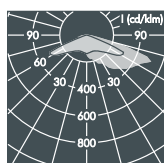
Luminaires available
in other colour temperatures upon request



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				

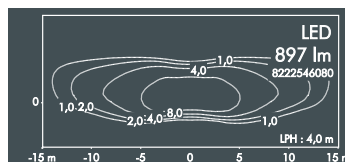
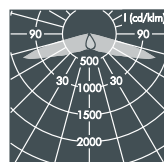
Part number	Description
... 9... 059	Honeycomb louvre , internal (factory fitted), to avoid glare



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				

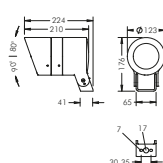
Part number	Description	Change of Main beam angle γ
... 6... 099	Diffuser film + for moderate light diffusion	C 90 – 270 ⇒ 48°



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 ⇒ 127° C 90 – 270 ⇒ 64°

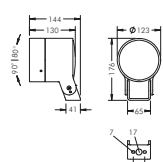
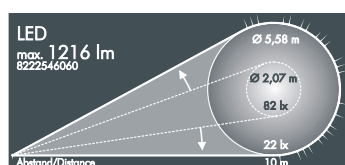
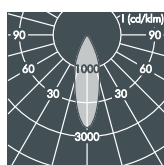
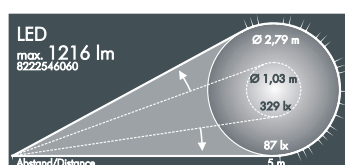
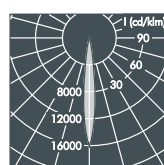


Multispot 2, Vario Optic

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.

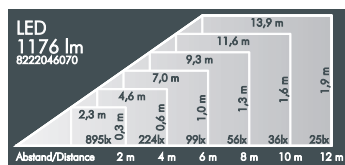
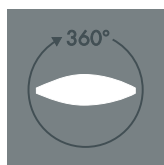


Part number	Description
8 222 0... ..	Multispot 2 – without cowl
8 222 1... ..	Multispot 2 – without cowl, with Diffuser film + for moderate light diffusion
8 222 2... ..	Multispot 2 – without cowl, with Diffuser film + + for medium light diffusion
8 222 3... ..	Multispot 2 – without cowl, with Prismatic 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			

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

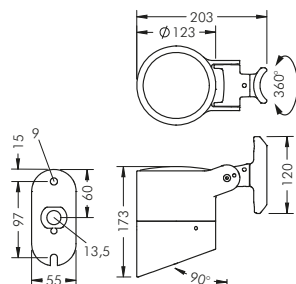
Part number	Colour	Description
129 0 502 940	black	Earth spike stainless steel , for use in landscaped areas
129 0 502 960	white	
129 0 502 950	silver grey	

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



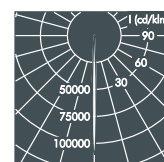
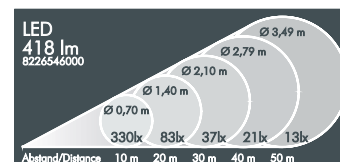
Multispot 2 pole luminaire

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 A_W 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 (8 W) warm white (3000 K)	418 lm	4°
8 226 566 009	white				
8 226 556 009	silver grey				

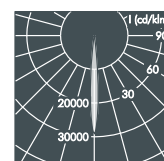
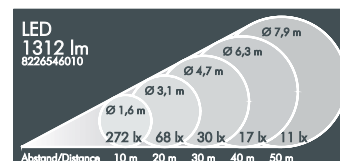
Part number	Description	Change of Beam angle γ (FWHM)
. . . 6.. 009	Diffuser film + for moderate light diffusion	4° ⇒ 8°
. . . 7.. 009	Diffuser film + + for medium light diffusion	4° ⇒ 15°
. . . 8.. 009	Prismatic film for linear beam control	4° ⇒ 4°/41°
. . . 9.. 009	Honeycomb louvre , internal (factory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



Multispot 2 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 1.5 W warm white (3000 K)	1312 lm	9°
8 226 566 019	white				
8 226 556 019	silver grey				

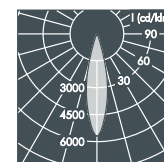
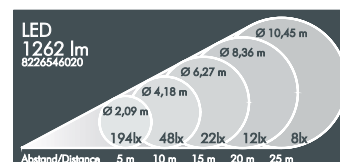
Part number	Description	Change of Beam angle γ (FWHM)
. . . 6.. 019	Diffuser film + for moderate light diffusion	9° ⇒ 11°
. . . 7.. 019	Diffuser film + + for medium light diffusion	9° ⇒ 16°
. . . 8.. 019	Prismatic film for linear beam control	9° ⇒ 9°/42°
. . . 9.. 019	Honeycomb louvre , internal (factory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



Multispot 2 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 1.5 W warm white (3000 K)	1262 lm	23°
8 226 566 029	white				
8 226 556 029	silver grey				

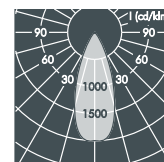
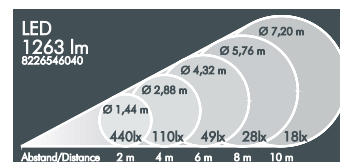
Part number	Description	Change of Beam angle γ (FWHM)
. . . 6.. 029	Diffuser film + for moderate light diffusion	23° ⇒ 25°
. . . 7.. 029	Diffuser film + + for medium light diffusion	23° ⇒ 27°
. . . 8.. 029	Prismatic film for linear beam control	23° ⇒ 23°/44°
. . . 9.. 029	Honeycomb louvre , internal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



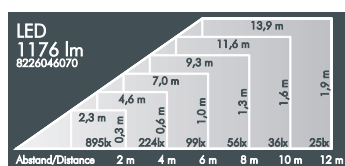
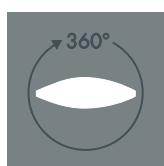
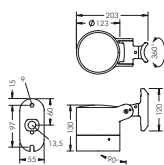
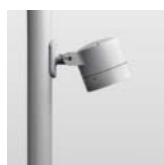
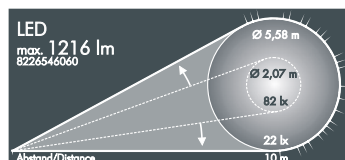
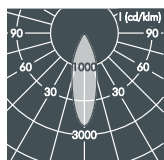
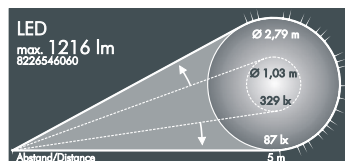
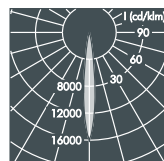
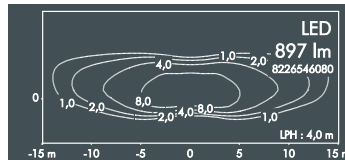
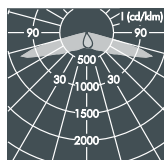
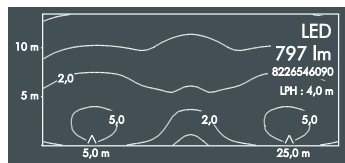
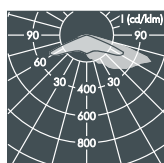
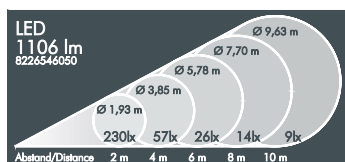
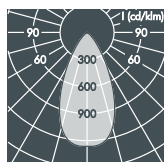
Multispot 2 pole luminaire, medium wide beam plus

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 226 546 049	black	2.5 kg	1 x LED module 1.5 W warm white (3000 K)	1263 lm	39°
8 226 566 049	white				
8 226 556 049	silver grey				

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



Luminaires available
in other colour temperatures upon request



Multispot 2 pole luminaire, wide beam

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 226 546 059	black	2.5 kg	1 x LED module 15 W warm white (3000 K)	1106 lm	52°
8 226 566 059	white				
8 226 556 059	silver grey				

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

Multispot 2 pole luminaire, asymmetrical beam*

Part number	Colour	Weight	Light source	Luminous flux	Main beam angle γ
8 226 546 099	black	2.5 kg	1 x LED module 15 W warm white (3000 K)	797 lm	C 90 – 270 67°
8 226 566 099	white				
8 226 556 099	silver grey				

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

Multispot 2 pole luminaire, Street Optic*

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 226 546 089	black	2.5 kg	1 x LED module 15 W warm white (3000 K)	897 lm	C 0 – 180 150°
8 226 566 089	white				
8 226 556 089	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 pole luminaire, Vario Optic

Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 226 546 069	black	2.8 kg	1 x LED module 15 W warm white (3000 K)	max.	12°–31°
8 226 566 069	white				
8 226 556 069	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.



Part number	Description
8 226 0... ..	Multispot 2 pole luminaire – without cowl
8 226 1... ..	Multispot 2 pole luminaire – without cowl, with Diffuser film + for moderate light diffusion
8 226 2... ..	Multispot 2 pole luminaire – without cowl, with Diffuser film + + for medium light diffusion
8 226 3... ..	Multispot 2 pole luminaire – without cowl, with Prismatic film for linear beam control
8 226 4... ..	Multispot 2 pole luminaire – without cowl, with Honeycomb louvre* , internal (factory fitted), to avoid glare

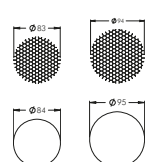
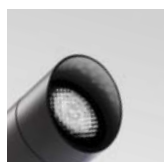
Multispot 2 pole luminaire – without cowl, linear beam spread, rotatable

Monispot 2 pole luminaire without cow, linear beam spread, variable				
Part number	Colour	Description	Luminous flux	Beam angle γ (FWHM)
8 226 046 079	black	Luminaire with external ribbed glass spreader lens , continuously adjustable through 360° from outside the luminaire	1176 lm	C 0 – 180
8 226 066 079	white			9°
8 226 056 079	silver grey			60°
Weight 2.6 kg				

Part number	Description
8 226 ... 7 ...	Luminaire with warm white LED module (2700 K)
8 226 ... 8 ...	Luminaire with warm white LED module (2200 K)
8 226 ... 1..	Dimmable luminaire (DALI)

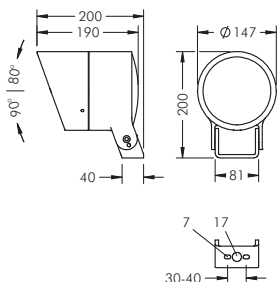
Accessories Multispot 2 pole luminaire – for retro-fitting

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

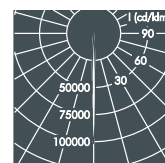
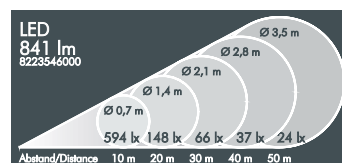


Multispot 3 with mounting bracket

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

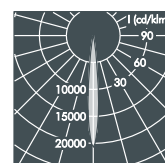
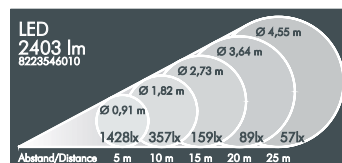
Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 223 546 009	black	2.6 kg	4 x LED 3.7 W (1.5 W) warm white (3000 K)	841 lm	4°
8 223 566 009	white				
8 223 556 009	silver grey				



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 3, narrow beam

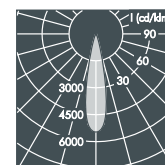
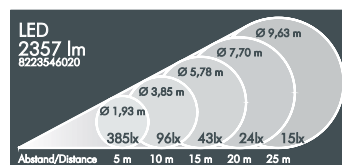
Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 223 546 019	black	2.6 kg	1 x LED module 27 W warm white (3000 K)	2403 lm	10°
8 223 566 019	white				
8 223 556 019	silver grey				



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

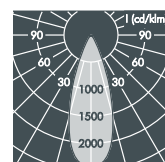
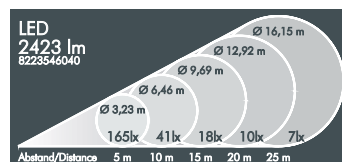
Part number	Colour	Weight	Light source	Luminous flux	Beam angle γ (FWHM)
8 223 546 029	black	2.6 kg	1 x LED module 27 W warm white (3000 K)	2357 lm	22°
8 223 566 029	white				
8 223 556 029	silver grey				



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	

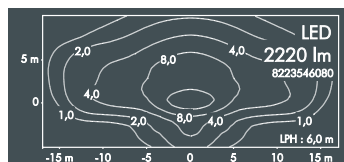
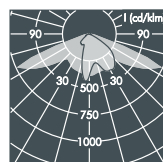
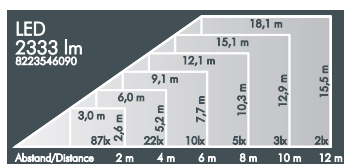
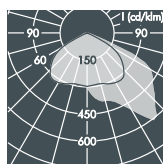
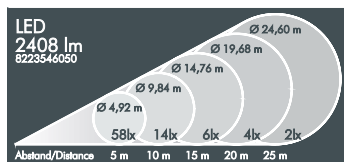
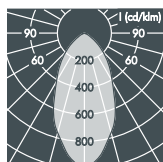
Multispot 3, medium wide beam plus

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 warm white (3000 K)	2423 lm	36°
8 223 566 049	white				
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

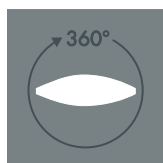
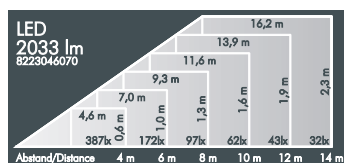
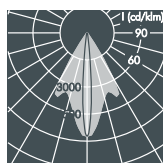
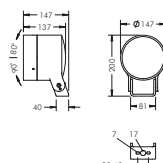
Multispot 3, asymmetrical beam*

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
8 223 566 089	white				C 90 – 270
8 223 556 089	silver grey				139°

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
8 223 066 079	white			10°
8 223 056 079	silver grey			59°

Weight 2.7 kg

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

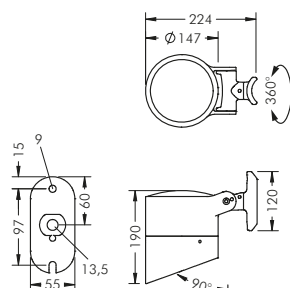
Part number	Colour	Description
129 0 736 940	black	Earth spike stainless steel , for use in landscaped areas
129 0 736 960	white	
129 0 736 950	silver grey	

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



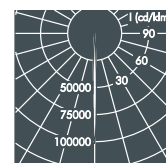
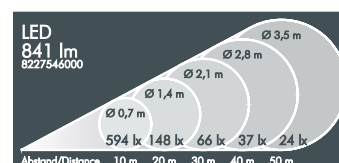
Multispot 3 pole luminaire

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 , IK08
windage area A_W 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 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 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 (1.5 W) warm white (3000 K)	841 lm	4°
8 227 566 009	white				
8 227 556 009	silver grey				

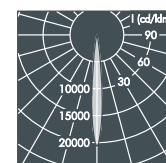
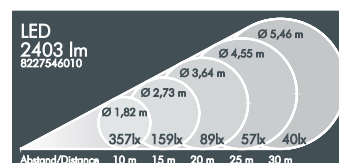
Part number	Description	Change of Beam angle γ (FWHM)
. . . 6.. 009	Diffuser film + for moderate light diffusion	4° ⇒ 8°
. . . 7.. 009	Diffuser film + + for medium light diffusion	4° ⇒ 15°
. . . 8.. 009	Prismatic film for linear beam control	4° ⇒ 4°/41°
. . . 9.. 009	Honeycomb louvre , internal (factory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



Multispot 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 warm white (3000 K)	2403 lm	10°
8 227 566 019	white				
8 227 556 019	silver grey				

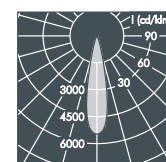
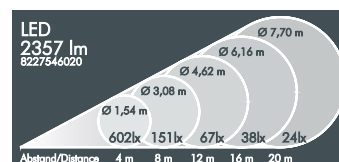
Part number	Description	Change of Beam angle γ (FWHM)
. . . 6.. 019	Diffuser film + for moderate light diffusion	10° ⇒ 12°
. . . 7.. 019	Diffuser film + + for medium light diffusion	10° ⇒ 16°
. . . 8.. 019	Prismatic film for linear beam control	10° ⇒ 10°/40°
. . . 9.. 019	Honeycomb louvre , internal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



Multispot 3 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 warm white (3000 K)	2357 lm	22°
8 227 566 029	white				
8 227 556 029	silver grey				

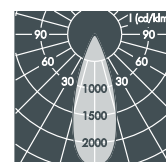
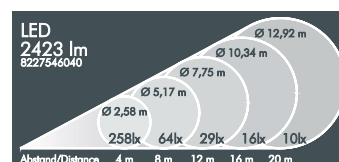
Part number	Description	Change of Beam angle γ (FWHM)
. . . 6.. 029	Diffuser film + for moderate light diffusion	22° ⇒ 24°
. . . 7.. 029	Diffuser film + + for medium light diffusion	22° ⇒ 26°
. . . 8.. 029	Prismatic film for linear beam control	22° ⇒ 22°/45°
. . . 9.. 029	Honeycomb louvre , internal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



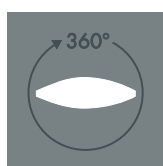
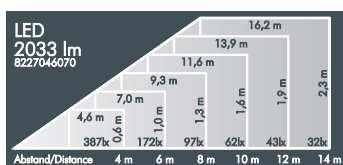
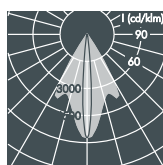
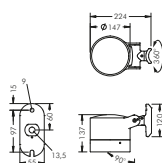
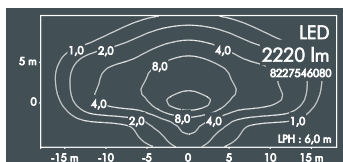
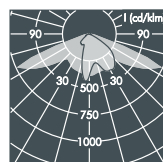
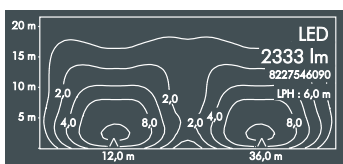
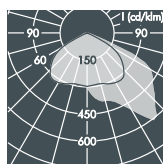
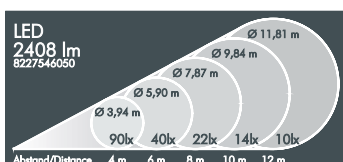
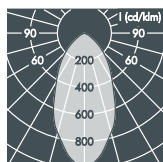
Multispot 3 pole luminaire, medium wide beam plus

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 warm white (3000 K)	2423 lm	36°
8 227 566 049	white				
8 227 556 049	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 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
8 227 566 089	white				C 90 – 270
8 227 556 089	silver grey				139°

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

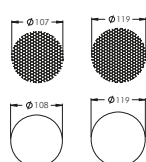
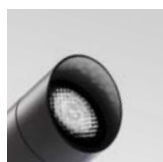
Multispot 3 pole luminaire – without cowl, linear beam spread, rotatable

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
8 227 066 079	white			10°
8 227 056 079	silver grey			59°

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



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