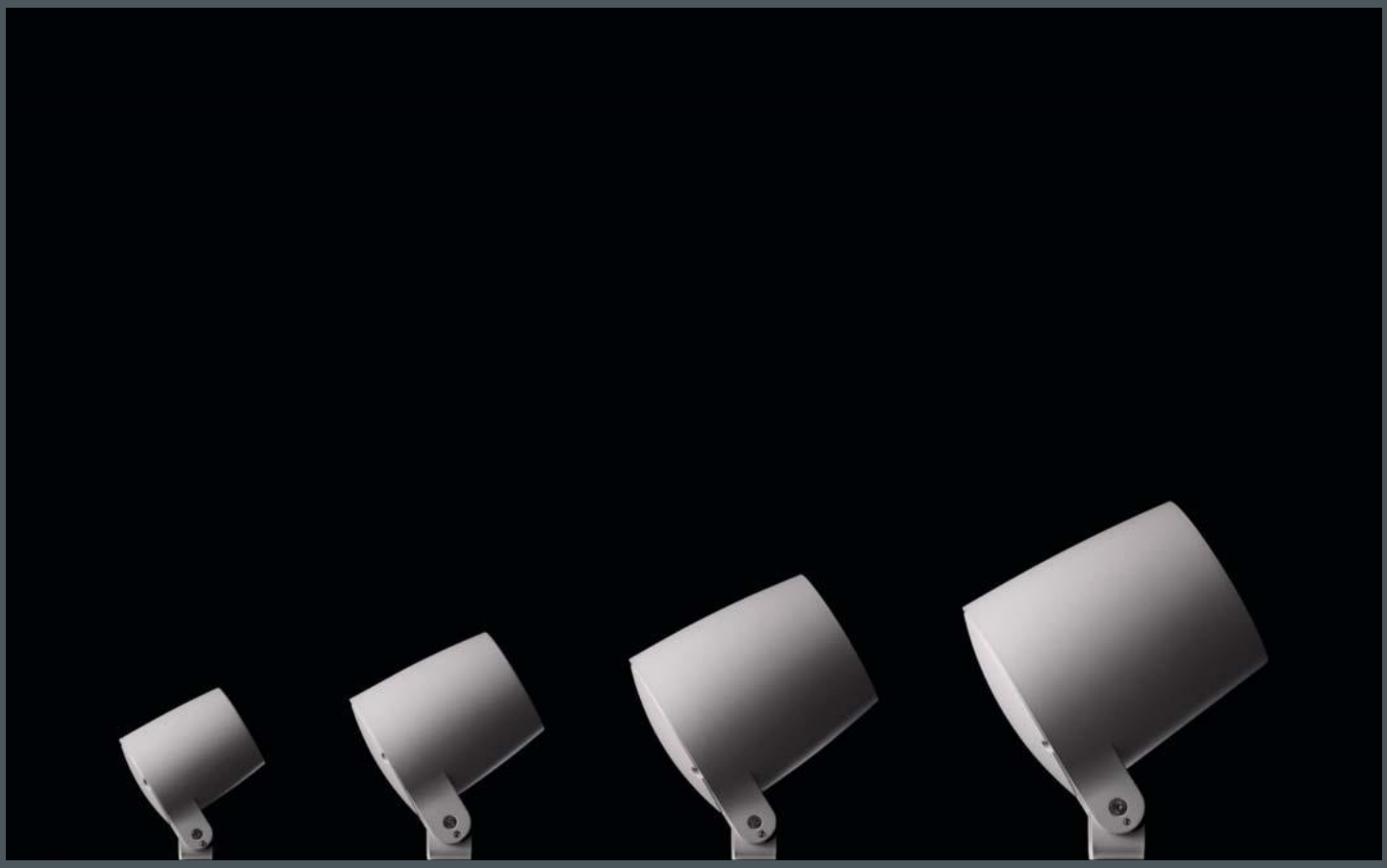
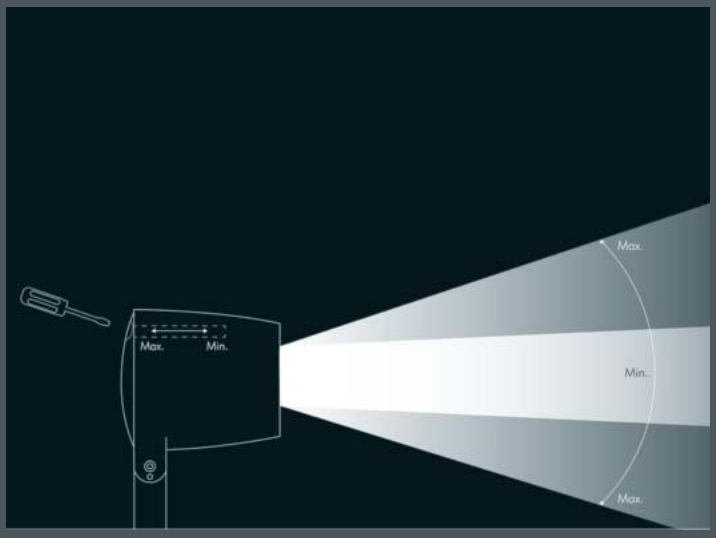


Monospot is a new floodlight series with innovative technology and design. It comes in 4 sizes with varying wattages. In addition to a wide range of fixed light distributions, there is also the Vario Optic version which allows the light beam to be adjusted to suit the specific lighting task.

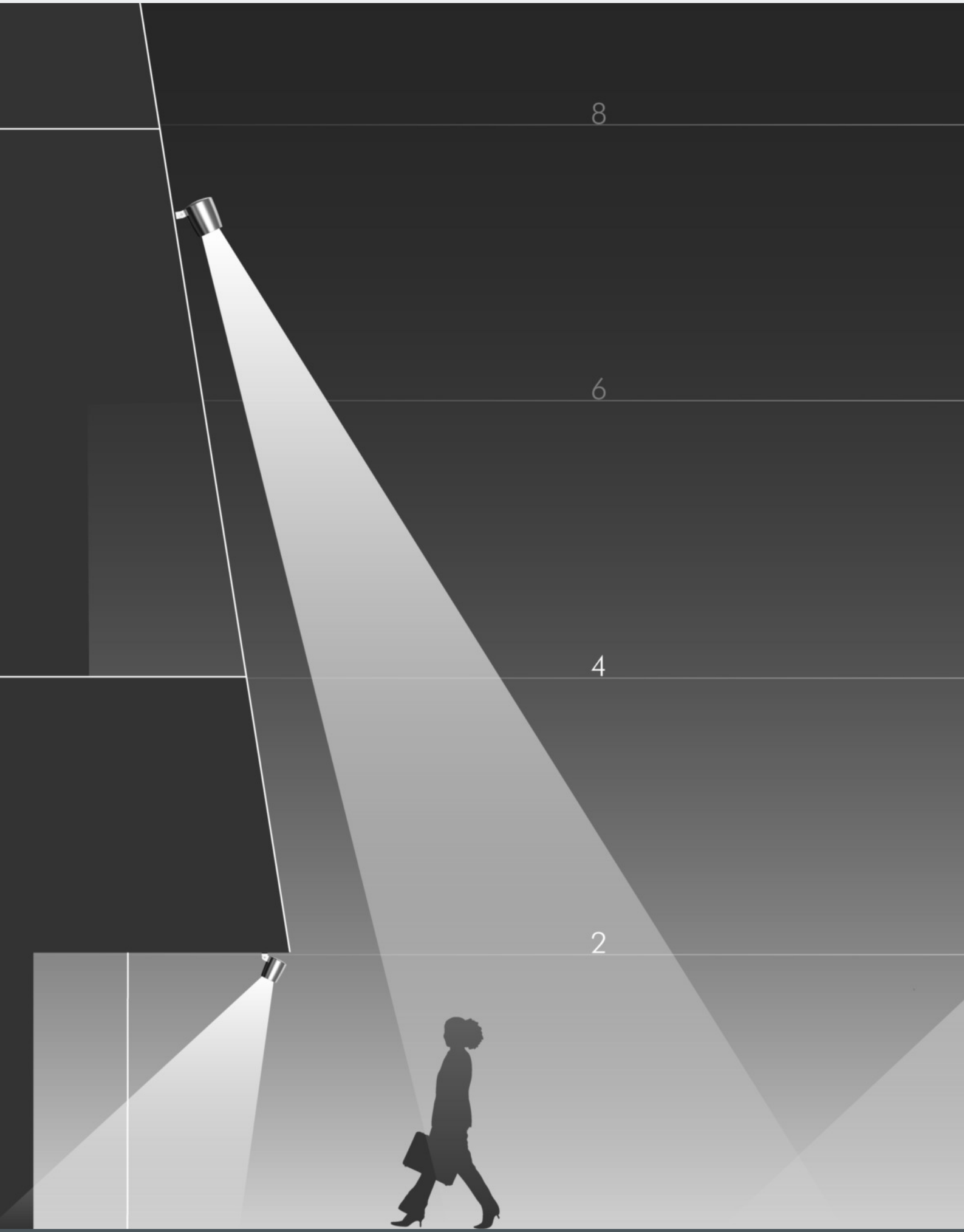
The housings are free of joins and ridges, in or on which dirt and dust can collect. The puristic design and the compact dimensions allow these products to be integrated discreetly into any architectural surrounding.




The Vario Optic makes it possible to adjust the beam angle. This is done from outside the luminaire so that the optimal beam angle can be achieved while the floodlight is switched on. This function offers a high degree of flexibility, for example in landscape lighting.

Monospot pole luminaires are equipped with a tilt-and-turn fixing system. A wide range of reflectors make it possible to create different lighting scenarios.
The street optic produces a bat-wing type distribution for illuminating paths and driveways.

Since the LED modules are located deep inside the reflectors, the luminaires have good cut-off and excellent glare control. Accessories, such as louvres and optical glasses, are internally fitted and therefore maintenance-free.


8
6
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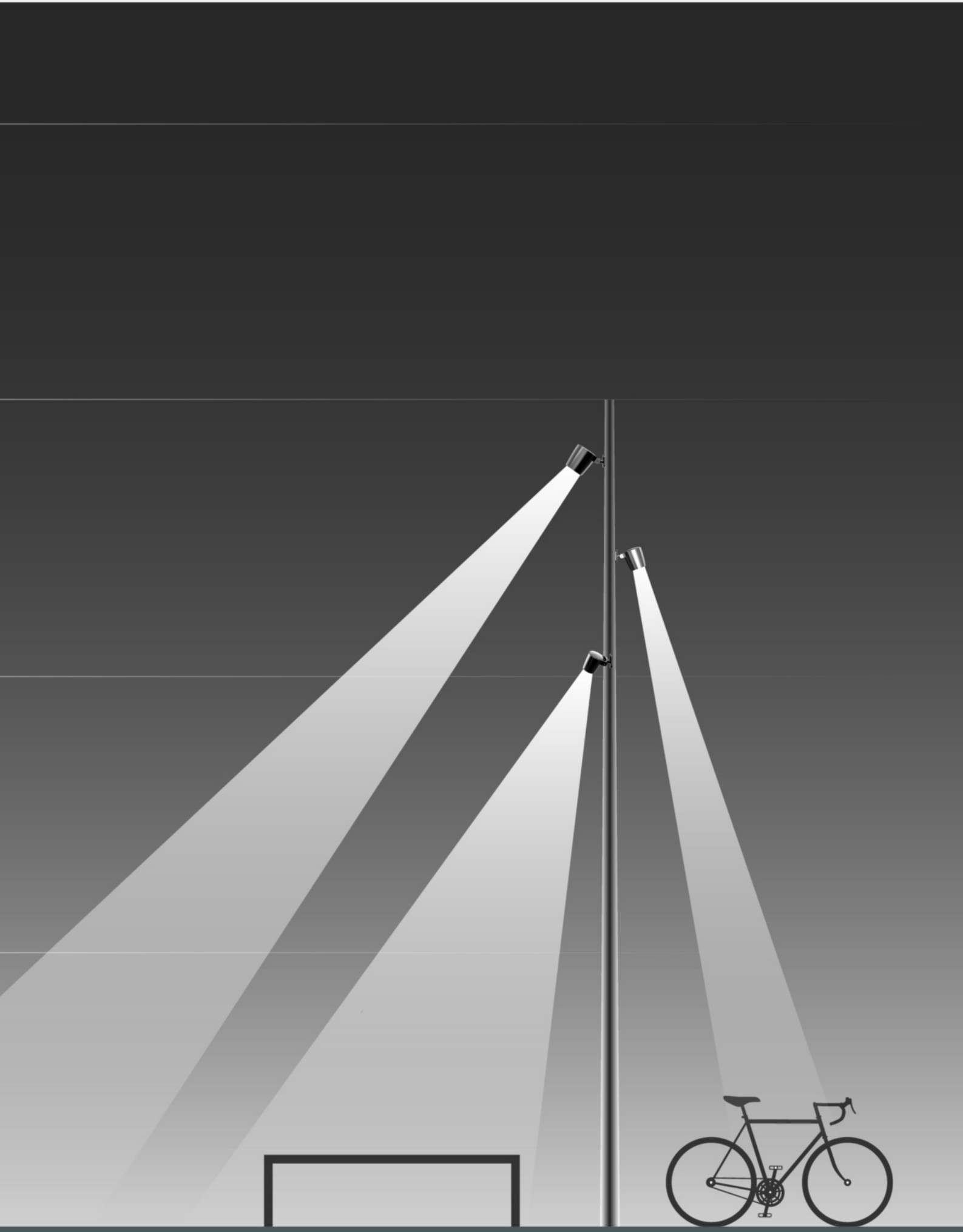
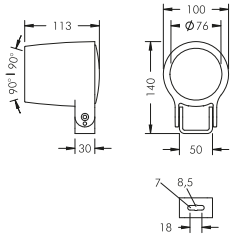


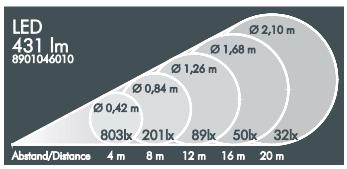


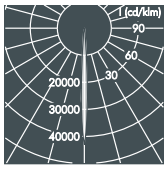
## Monospot 1
## with mounting bracket

With a high performance LED module (Zhaga),
integral temperature monitoring device,
CRI: > 80, Colour tolerance: max. 3 SDCM
Service life: L90/B10 > 50 000 h
protection class I, IP65 ⧫◭◭, IK08
windage area AW 0.017 m²
corrosion-resistant die cast aluminium housing AlSi12,
polyester powder coated,
all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket,
closure with 2 stainless steel screws,
mounting bracket: 1 elongated hole Ø 7 mm,
spacing 18 mm, 1 centre hole Ø 8,5 mm,
tilt range 180°, M16 cable gland,
integral driver (AC/DC)

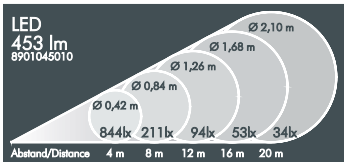
**Monospot 1, narrow beam**

| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 901 046 019** | black | 1 x LED module 6 W | 431 lm | 6° |
| **8 901 066 019** | white | warm white (3000 K) | | |
| **8 901 056 019** | silver grey | | | |



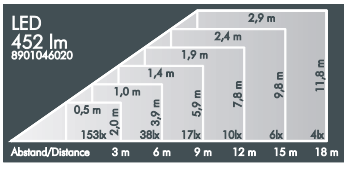

| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 901 045 019** | black | 1 x LED module 6 W | 453 lm | 6° |
| **8 901 065 019** | white | neutral white (4000 K) | | |
| **8 901 055 019** | silver grey | | | |

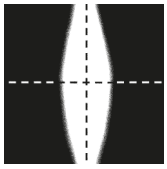


**Monospot 1, linear beam spread, vertical**

| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) | |
|---|---|---|---|---|---|
| **8 901 046 029** | black | 1 x LED module 6 W | 452 lm | C 0 – 180 | C 90 – 270 |
| **8 901 066 029** | white | warm white (3000 K) | | 34° | 7° |
| **8 901 056 029** | silver grey | | | | |

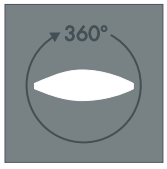
| | |
|---|---|
| **. ... ... .3.** | **Luminaire with linear beam spread, horizontal** |



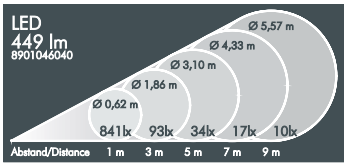
**Monospot 1, linear beam spread, rotatable**

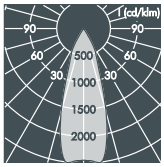
| Part number | Colour | Description | Luminous flux | Beam angle γ (FWHM) | |
|---|---|---|---|---|---|
| **8 901 046 079** | black | **Luminaire with external** | 416 lm | C 0 – 180 | C 90 – 270 |
| **8 901 066 079** | white | **ribbed glass spreader lense,** | | 34° | 7° |
| **8 901 056 079** | silver grey | continuously adjustable through 360° | | | |
| | | from outside the luminaire | | | |




**Monospot 1, medium wide beam**

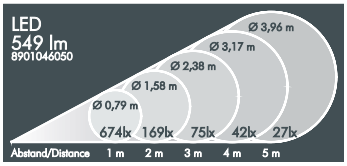
| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 901 046 049** | black | 1 x LED module 6 W | 449 lm | 34° |
| **8 901 066 049** | white | warm white (3000 K) | | |
| **8 901 056 049** | silver grey | | | |

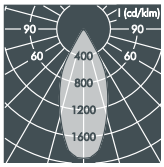


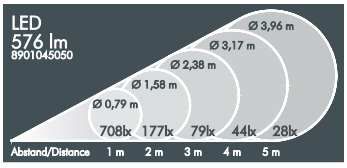

**Monospot 1, wide beam**

| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 901 046 059** | black | 1 x LED module 6 W | 549 lm | 44° |
| **8 901 066 059** | white | warm white (3000 K) | | |
| **8 901 056 059** | silver grey | | | |




| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 901 045 059** | black | 1 x LED module 6 W | 576 lm | 44° |
| **8 901 065 059** | white | neutral white (4000 K) | | |
| **8 901 055 059** | silver grey | | | |



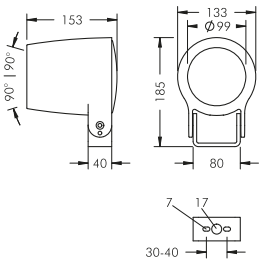
| Part number | Description |
|---|---|
| **. .... ..5 ...** | **Luminaire with neutral white colour temperature** (4000 K) |

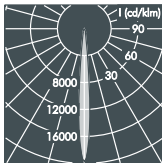
**LED**

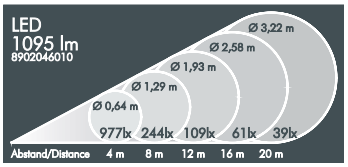
Luminaires available in 2700 K or other colour temperatures on request

## Monospot 2
## with mounting bracket

With a high performance LED module (Zhaga),
integral temperature monitoring device,
CRI: > 80, Colour tolerance: max. 3 SDCM
Service life: L90/B10 > 50 000 h
protection class I, IP65 ⧈⚠⚠, IK08
windage area AW 0.031 m²
corrosion-resistant die cast aluminium housing AlSi12,
polyester powder coated,
all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket,
closure with 2 stainless steel screws,
mounting bracket: 2 drilled holes Ø 7 mm,
spacing 30 – 40 mm, 1 centre hole Ø 17 mm,
tilt range 180°, M16 cable gland,
integral driver (AC/DC)

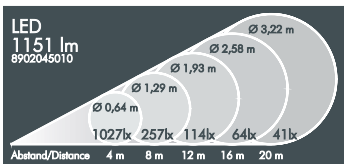


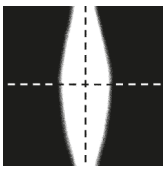



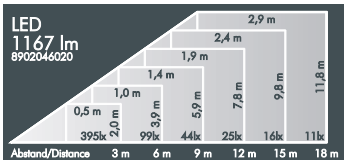

**Monospot 2, narrow beam**

| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 902 046 019** | black | 1 x LED module 15 W | 1095 lm | 8° |
| **8 902 066 019** | white | warm white (3000 K) | | |
| **8 902 056 019** | silver grey | | | |




| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 902 045 019** | black | 1 x LED module 15 W | 1151 lm | 8° |
| **8 902 065 019** | white | neutral white (4000 K) | | |
| **8 902 055 019** | silver grey | | | |

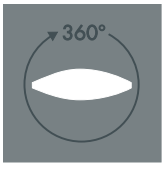





**Monospot 2, linear beam spread, vertical**

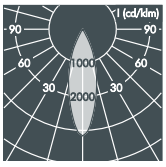
| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) | |
|---|---|---|---|---|---|
| **8 902 046 029** | black | 1 x LED module 15 W | 1167 lm | C 0 – 180 | C 90 – 270 |
| **8 902 066 029** | white | warm white (3000 K) | | 35° | 8° |
| **8 902 056 029** | silver grey | | | | |

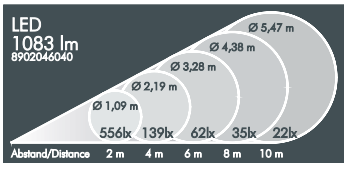
| | |
|---|---|
| **. ... ... .3.** | **Luminaire with linear beam spread, horizontal** |



**Monospot 2, linear beam spread, rotatable**

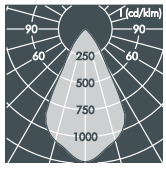
| Part number | Colour | Description | Luminous flux | Beam angle γ (FWHM) | |
|---|---|---|---|---|---|
| **8 901 046 079** | black | **Luminaire with external** | 1008 lm | C 0 – 180 | C 90 – 270 |
| **8 901 066 079** | white | **ribbed glass spreader lense,** | | 35° | 8° |
| **8 901 056 079** | silver grey | continuously adjustable through 360° | | | |
| | | from outside the luminaire | | | |

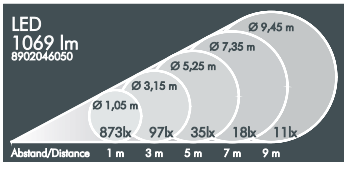



**Monospot 2, medium wide beam**

| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 902 046 049** | black | 1 x LED module 15 W | 1083 lm | 31° |
| **8 902 066 049** | white | warm white (3000 K) | | |
| **8 902 056 049** | silver grey | | | |



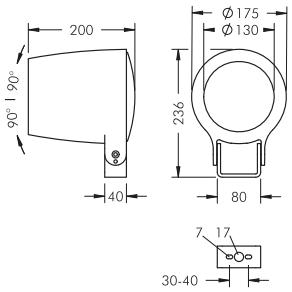

**Monospot 2, wide beam**

| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 902 046 059** | black | 1 x LED module 15 W | 1069 lm | 55° |
| **8 902 066 059** | white | warm white (3000 K) | | |
| **8 902 056 059** | silver grey | | | |

| Part number | Description |
|---|---|
| **. ... ..5 ...** | **Luminaire with neutral white colour temperature** (4000 K) |
| **. ... ... 1..** | **Dimmable luminaire (DALI)** |
| **. ... ... 2..** | **Dimmable luminaire (1-10 V)** |

**LED**

Luminaires available in 2700 K or other colour temperatures on request

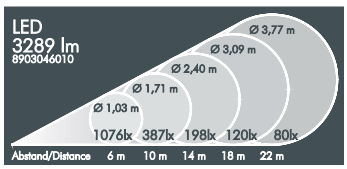


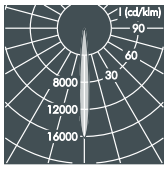
## Monospot 3
## with mounting bracket

With a high performance LED module (Zhaga),
integral temperature monitoring device,
CRI: > 80, Colour tolerance: 2 SDCM
Service life: L90/B10 > 50 000 h
protection class I, IP65 ⧫◭◭, IK08
windage area AW 0.049 m²
corrosion-resistant die cast aluminium housing AlSi12,
polyester powder coated,
all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket,
closure with 3 stainless steel screws,
mounting bracket: 2 drilled holes Ø 7 mm,
spacing 30 – 40 mm, 1 centre hole Ø 17 mm,
tilt range 180°, M20 cable gland,
integral driver (AC/DC)

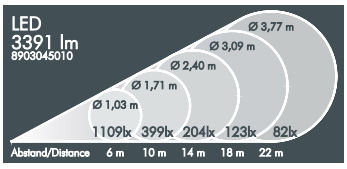
**Monospot 3, narrow beam**

| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 903 046 019** | black | 1 x LED module 36 W | 3289 lm | 9° |
| **8 903 066 019** | white | warm white (3000 K) | | |
| **8 903 056 019** | silver grey | | | |



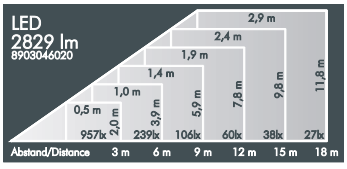



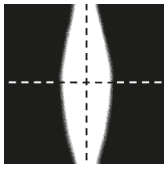

| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 903 045 019** | black | 1 x LED module 36 W | 3391 lm | 9° |
| **8 903 065 019** | white | neutral white (4000 K) | | |
| **8 903 055 019** | silver grey | | | |



**Monospot 3, linear beam spread, vertical**

| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) | |
|---|---|---|---|---|---|
| **8 903 046 029** | black | 1 x LED module 36 W | 2829 lm | C 0 – 180 | C 90 – 270 |
| **8 903 066 029** | white | warm white (3000 K) | | 36° | 9° |
| **8 903 056 029** | silver grey | | | | |

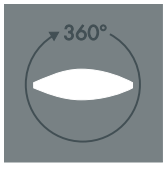


| | |
|---|---|
| **. ... ... .3.** | **Luminaire with linear beam spread, horizontal** |

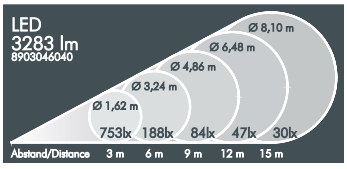
**Monospot 3, linear beam spread, rotatable**

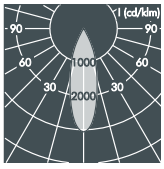
| Part number | Colour | Description | Luminous flux | Beam angle γ (FWHM) | |
|---|---|---|---|---|---|
| **8 903 046 079** | black | **Luminaire with external** | 2603 lm | C 0 – 180 | C 90 – 270 |
| **8 903 066 079** | white | **ribbed glass spreader lense,** | | 36° | 9° |
| **8 903 056 079** | silver grey | continuously adjustable through 360° | | | |
| | | from outside the luminaire | | | |




**Monospot 3, medium wide beam**

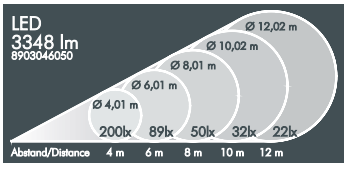
| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 903 046 049** | black | 1 x LED module 36 W | 3283 lm | 30° |
| **8 903 066 049** | white | warm white (3000 K) | | |
| **8 903 056 049** | silver grey | | | |

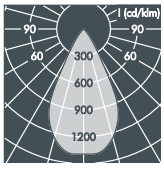



**Monospot 3, wide beam**

| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 903 046 059** | black | 1 x LED module 36 W | 3348 lm | 53° |
| **8 903 066 059** | white | warm white (3000 K) | | |
| **8 903 056 059** | silver grey | | | |



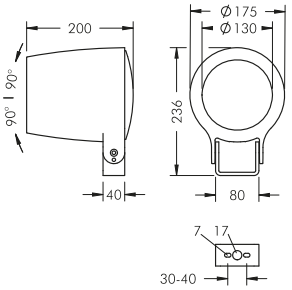

| Part number | Description |
|---|---|
| **. ... ..5 ...** | **Luminaire with neutral white colour temperature** (4000 K) |
| **. ... ... 1..** | **Dimmable luminaire (DALI)** |
| **. ... ... 2..** | **Dimmable luminaire (1-10 V)** |

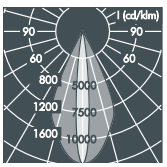
**LED**

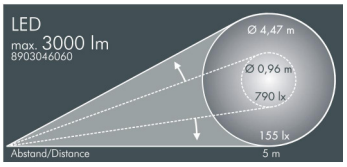
Luminaires available in 2700 K or other colour temperatures on request

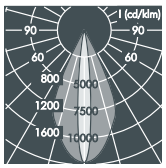
## Monospot 3 Vario Optic with mounting bracket

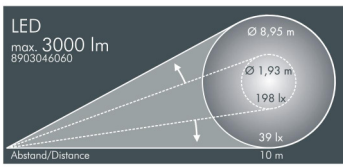
With a high performance LED module (Zhaga),
integral temperature monitoring device,
CRI: > 80, Colour tolerance: 2 SDCM
Service life: L80/B20 > 50 000 h
protection class I, IP65 ◈⚠⚠, IK08
windage area AW 0.049 m²
corrosion-resistant die cast aluminium housing AlSi12,
polyester powder coated,
high transmission glass optical lense,
beam angle adjustable from outside the luminaire,
all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket,
closure with 3 stainless steel screws,
mounting bracket: 2 drilled holes Ø 7 mm,
spacing 30 – 40 mm, 1 centre hole Ø 17 mm,
tilt range 180°, M20 cable gland,
integral driver (AC/DC)

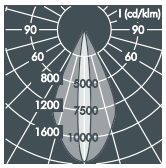


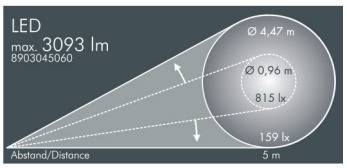



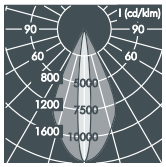



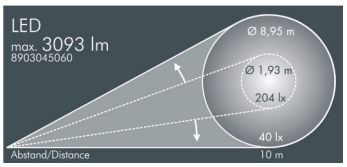




**Monospot 3 Vario Optic**

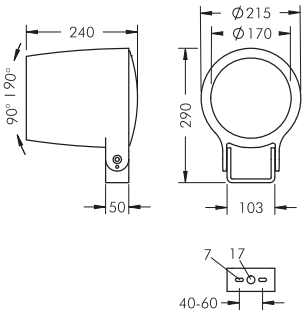
| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 903 046 069** | black | 1 x LED module 36 W | max. | 11°–48° |
| **8 903 066 069** | white | warm white (3000 K) | 3000 lm | |
| **8 903 056 069** | silver grey | | | |

| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 903 045 069** | black | 1 x LED module 36 W | max. | 11°–48° |
| **8 903 065 069** | white | neutral white (4000 K) | 3093 lm | |
| **8 903 055 069** | silver grey | | | |

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

**LED**

Luminaires available in 2700 K or other colour temperatures on request

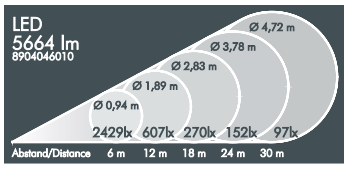


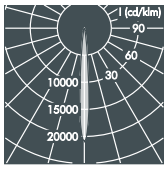
## Monospot 4
## with mounting bracket

With a high performance LED module (Zhaga),
integral temperature monitoring device,
CRI: > 80, Colour tolerance: 2 SDCM
Service life: L90/B10 > 50 000 h
protection class I, IP65 ⧫◭◭, IK08
windage area AW 0.075 m²
corrosion-resistant die cast aluminium housing AlSi12,
polyester powder coated,
all exterior steel parts are stainless steel,
tempered safety glass,
silicon gasket, closure with 3 stainless steel screws,
mounting bracket: 2 drilled holes Ø 7 mm,
spacing 40 – 60 mm, 1 centre hole Ø 17 mm,
tilt range 180°, M20 cable gland,
integral driver (AC/DC)

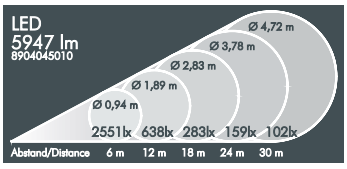
**Monospot 4, narrow beam**

| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 904 046 019** | black | 1 x LED module 70 W | 5664 lm | 9° |
| **8 904 066 019** | white | warm white (3000 K) | | |
| **8 904 056 019** | silver grey | | | |



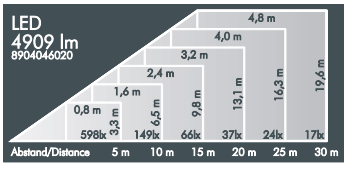

| Artikelnummer | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 904 045 019** | black | 1 x LED module 70 W | 5947 lm | 9° |
| **8 904 065 019** | white | neutral white (4000 K) | | |
| **8 904 055 019** | silver grey | | | |

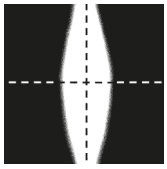


**Monospot 4, linear beam spread, vertical**

| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) | |
|---|---|---|---|---|---|
| **8 904 046 029** | black | 1 x LED module 70 W | 4909 lm | C 0 – 180 | C 90 – 270 |
| **8 904 066 029** | white | warm white (3000 K) | | 36° | 9° |
| **8 904 056 029** | silver grey | | | | |

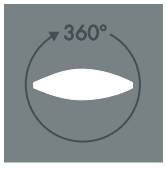
| | |
|---|---|
| **. . . . . .3.** | **Luminaire with linear beam spread, horizontal** |



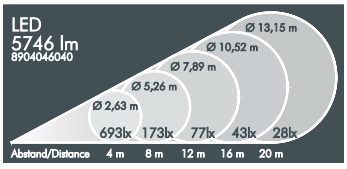
**Monospot 4, linear beam spread, rotatable**

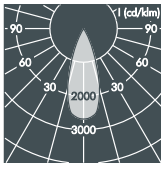
| Part number | Colour | Description | Luminous flux | Beam angle γ (FWHM) | |
|---|---|---|---|---|---|
| **8 904 046 079** | black | **Luminaire with external** | 4517 lm | C 0 – 180 | C 90 – 270 |
| **8 904 066 079** | white | **ribbed glass spreader lense,** | | 36° | 9° |
| **8 904 056 079** | silver grey | continuously adjustable through 360° | | | |
| | | from outside the luminaire | | | |




**Monospot 4, medium wide beam**

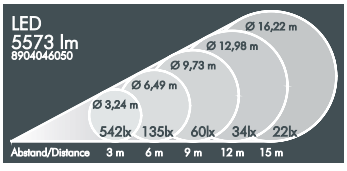
| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 904 046 049** | black | 1 x LED module 70 W | 5746 lm | 36° |
| **8 904 066 049** | white | warm white (3000 K) | | |
| **8 904 056 049** | silver grey | | | |

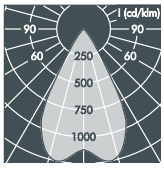



**Monospot 4, wide beam**

| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 904 046 059** | black | 1 x LED module 70 W | 5573 lm | 57° |
| **8 904 066 059** | white | warm white (3000 K) | | |
| **8 904 056 059** | silver grey | | | |



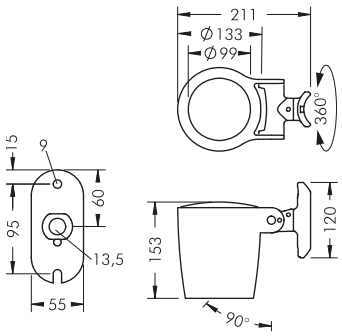

| Part number | Description |
|---|---|
| **. . . . . .5 . . .** | **Luminaire with neutral white colour temperature** (4000 K) |
| **. . . . . 1 . .** | **Dimmable luminaire (DALI)** |
| **. . . . . 2 . .** | **Dimmable luminaire (1-10 V)** |
| **. . . . . .9 . . .** | **Luminaire with LED module RGBW max. 49 W** |
| **. . . . . .2 . . .** | **Luminaire with Tunable White LED** |

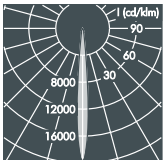
**LED**

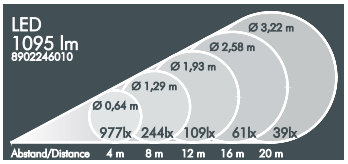
Luminaires available in 2700 K or other colour temperatures on request

## Monospot 2 pole luminaire

With a high performance LED module (Zhaga),
integral temperature monitoring device,
CRI: > 80, Colour tolerance: 3 SDCM
Service life: L90/B10 > 50 000 h
protection class I, IP65 ⧫⚠⚠, IK08
windage area AW 0.031 m²
corrosion-resistant die cast aluminium housing AlSi12,
polyester powder coated,
all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket,
closure with 2 stainless steel screws,
for installation on poles Ø 60 - 100 mm,
tiltable base made of powder coated aluminium,
2 drilled holes Ø 9 mm, spacing 95 mm,
1 centre hole Ø 13.5 mm, tilt range 90°,
swivel range 360°, M16 cable gland,
integral driver (AC/DC)

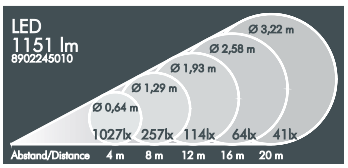


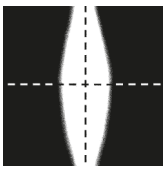



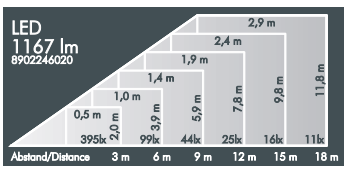

**Monospot 2 pole luminaire, narrow beam**

| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 902 246 019** | black | 1 x LED module 15 W | 1095 lm | 8° |
| **8 902 266 019** | white | warm white (3000 K) | | |
| **8 902 256 019** | silver grey | | | |




| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 902 245 019** | black | 1 x LED module 15 W | 1151 lm | 8° |
| **8 902 265 019** | white | neutral white (4000 K) | | |
| **8 902 255 019** | silver grey | | | |

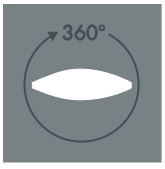





**Monospot 2 pole luminaire, linear beam spread, vertical**

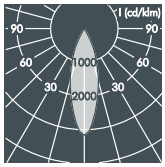
| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) | |
|---|---|---|---|---|---|
| **8 902 246 029** | black | 1 x LED module 15 W | 1167 lm | C 0 – 180 | C 90 – 270 |
| **8 902 266 029** | white | warm white (3000 K) | | 35° | 8° |
| **8 902 256 029** | silver grey | | | | |

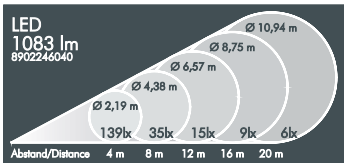
| | |
|---|---|
| **. ... ... .3.** | **Luminaire with linear beam spread, horizontal** |



**Monospot 2 pole luminaire, linear beam spread, rotatable**

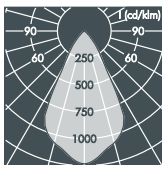
| Part number | Colour | Description | Luminous flux | Beam angle γ (FWHM) | |
|---|---|---|---|---|---|
| **8 902 246 079** | black | **Luminaire with external** | 1008 lm | C 0 – 180 | C 90 – 270 |
| **8 902 266 079** | white | **ribbed glass spreader lense,** | | 35° | 8° |
| **8 902 256 079** | silver grey | continuously adjustable through 360° | | | |
| | | from outside the luminaire | | | |

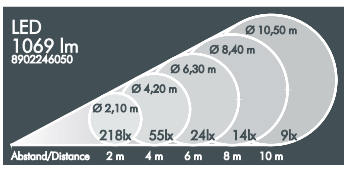



**Monospot 2 pole luminaire, medium wide beam**

| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 902 246 049** | black | 1 x LED module 15 W | 1083 lm | 31° |
| **8 902 266 049** | white | warm white (3000 K) | | |
| **8 902 256 049** | silver grey | | | |



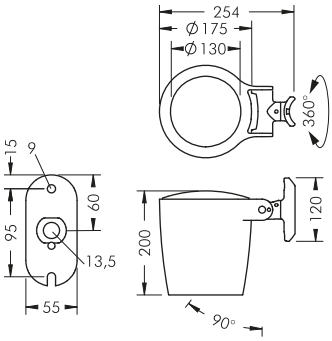

**Monospot 2 pole luminaire, wide beam**

| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 902 246 059** | black | 1 x LED module 15 W | 1069 lm | 55° |
| **8 902 266 059** | white | warm white (3000 K) | | |
| **8 902 256 059** | silver grey | | | |

| Part number | Description |
|---|---|
| **. ... ..5 ...** | **Luminaire with neutral white colour temperature** (4000 K) |
| **. ... ... 1..** | **Dimmable luminaire (DALI)** |
| **. ... ... 2..** | **Dimmable luminaire (1-10 V)** |

**LED**

Luminaires available in 2700 K or other colour temperatures on request

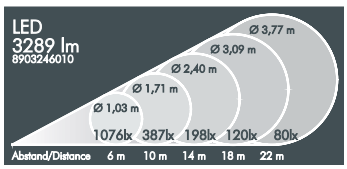


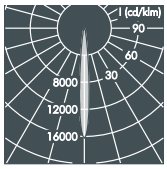
## Monospot 3 pole luminaire

With a high performance LED module (Zhaga),
integral temperature monitoring device,
CRI: > 80, Colour tolerance: 2 SDCM
Service life: L90/B10 > 50 000 h
protection class I, IP65 ⧈⚠⚠, IK08
windage area AW 0.049 m²
corrosion-resistant die cast aluminium housing AlSi12,
polyester powder coated,
all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket,
closure with 3 stainless steel screws,
for installation on poles Ø 60 - 100 mm,
tiltable base made of powder coated aluminium,
2 drilled holes Ø 9 mm, spacing 95 mm,
1 drilled hole Ø 13.5 mm, tilt range 90°,
swivel range 360°, M20 cable gland,
integral driver (AC/DC)

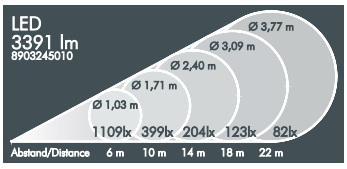
**Monospot 3 pole luminaire, narrow beam**

| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 903 246 019** | black | 1 x LED module 36 W | 3289 lm | 9° |
| **8 903 266 019** | white | warm white (3000 K) | | |
| **8 903 256 019** | silver grey | | | |



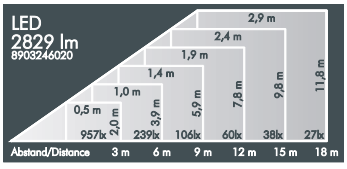



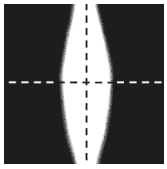

| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 903 245 019** | black | 1 x LED module 36 W | 3391 lm | 9° |
| **8 903 265 019** | white | neutral white (4000 K) | | |
| **8 903 255 019** | silver grey | | | |



**Monospot 3 pole luminaire, linear beam spread, vertical**

| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) | |
|---|---|---|---|---|---|
| **8 903 246 029** | black | 1 x LED module 36 W | 2829 lm | C 0 – 180 | C 90 – 270 |
| **8 903 266 029** | white | warm white (3000 K) | | 36° | 9° |
| **8 903 256 029** | silver grey | | | | |

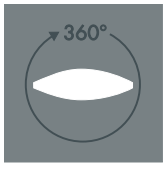


| | |
|---|---|
| **. . . . . .3.** | **Luminaire with linear beam spread, horizontal** |

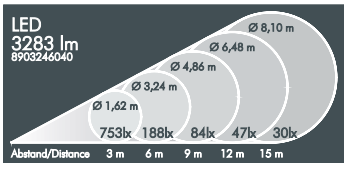
**Monospot 3 pole luminaire, linear beam spread, rotatable**

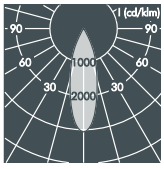
| Part number | Colour | Description | Luminous flux | Beam angle γ (FWHM) | |
|---|---|---|---|---|---|
| **8 903 246 079** | black | **Luminaire with external** | 2603 lm | C 0 – 180 | C 90 – 270 |
| **8 903 266 079** | white | **ribbed glass spreader lense,** | | 36° | 9° |
| **8 903 256 079** | silver grey | continuously adjustable through 360° | | | |
| | | from outside the luminaire | | | |




**Monospot 3 pole luminaire, medium wide beam**

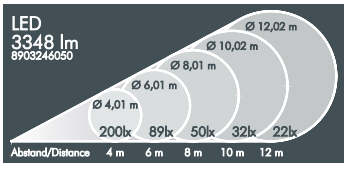
| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 903 246 049** | black | 1 x LED module 36 W | 3283 lm | 30° |
| **8 903 266 049** | white | warm white (3000 K) | | |
| **8 903 256 049** | silver grey | | | |

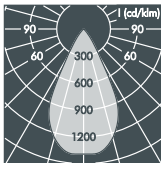



**Monospot 3 pole luminaire, wide beam**

| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 903 246 059** | black | 1 x LED module 36 W | 3348 lm | 53° |
| **8 903 266 059** | white | warm white (3000 K) | | |
| **8 903 256 059** | silver grey | | | |



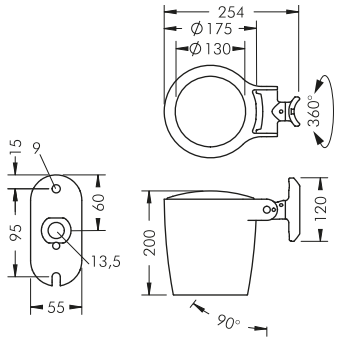

| Part number | Description |
|---|---|
| **. . . . . .5 . . .** | **Luminaire with neutral white colour temperature** (4000 K) |
| **. . . . . 1. .** | **Dimmable luminaire (DALI)** |
| **. . . . . 2. .** | **Dimmable luminaire (1-10 V)** |

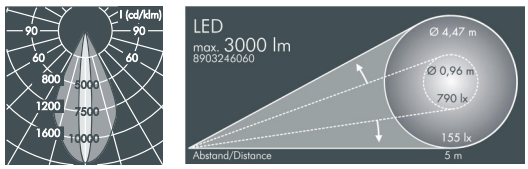
**LED**

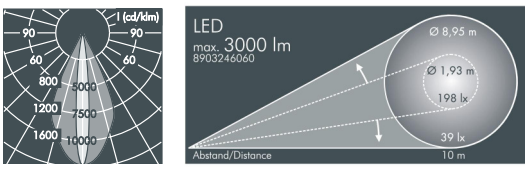
Luminaires available in 2700 K or other colour temperatures on request

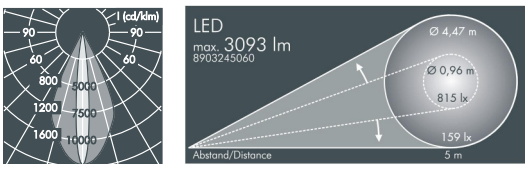
## Monospot 3 Vario Optic pole luminaire

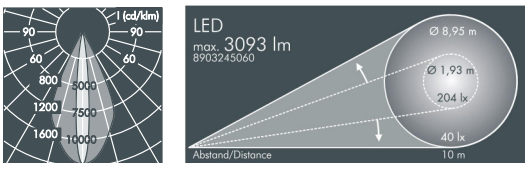
With a high performance LED module (Zhaga),
integral temperature monitoring device,
CRI: > 80, Colour tolerance: 2 SDCM
Service life: L80/B20 > 50 000 h
protection class I, IP65 ◈⚠⚠, IK08
windage area AW 0.049 m²
corrosion-resistant die cast aluminium housing AlSi12,
polyester powder coated,
high transmission glass optical lense,
beam angle adjustable from outside the luminaire,
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,
tiltable base made of powder coated aluminium,
2 drilled holes Ø 9 mm, spacing 95 mm,
1 drilled hole Ø 13.5 mm, tilt range 90°,
swivel range 360°, M20 cable gland,
integral driver (AC/DC)




**Monospot 3 Vario Optic, pole luminaire**

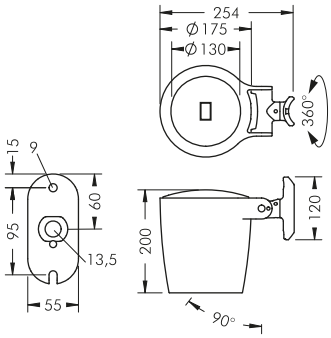
| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 903 246 069** | black | 1 x LED moduel 36 W | max. | 11°–48° |
| **8 903 266 069** | white | warm white (3000 K) | 3000 lm | |
| **8 903 256 069** | silver grey | | | |

| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 903 245 069** | black | 1 x LED modulel 36 W | max. | 11°–48° |
| **8 903 265 069** | white | neutral white (4000 K) | 3093 lm | |
| **8 903 255 069** | silver grey | | | |

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

**LED**

Luminaires available in 2700 K or other colour temperatures on request

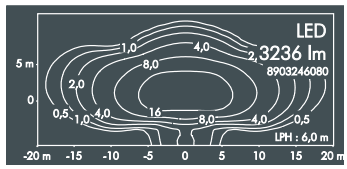


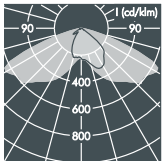
## Monospot 3 Street Optic pole luminaire

With a high performance LED module (Zhaga),
integral temperature monitoring device,
CRI: > 80, Colour tolerance: 2 SDCM
Service life: L90/B10 > 50 000 h
protection class I, IP65 , IK08
windage area AW 0.049 $m^2$
corrosion-resistant die cast aluminium housing AlSi12,
polyester powder coated, lense made of
high efficiency, UV stabilized optical silicon,
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,
tiltable base made of powder coated aluminium,
2 drilled holes Ø 9 mm, spacing 95 mm,
1 drilled hole Ø 13.5 mm, tilt range 90°,
swivel range 360°, M20 cable gland,
integral driver (AC/DC)

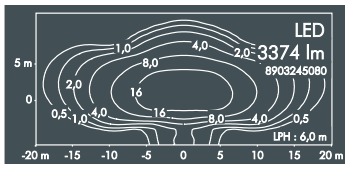
**Monospot 3 Street Optic pole luminaire**

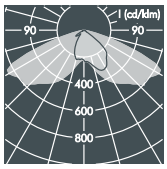
| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) | |
|---|---|---|---|---|---|
| **8 903 246 089** | black | 1 x LED module 36 W | 3236 lm | C 0 – 180 | C 90 – 270 |
| **8 903 266 089** | white | warm white (3000 K) | | 51° | 121° |
| **8 903 256 089** | silver grey | | | | |




| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) | |
|---|---|---|---|---|---|
| **8 903 245 089** | black | 1 x LED module 36 W | 3374 lm | C 0 – 180 | C 90 – 270 |
| **8 903 265 089** | white | neutral white (4000 K) | | 51° | 121° |
| **8 903 255 089** | silver grey | | | | |




| Part number | Description |
|---|---|
| **. ... ... 1..** | **Dimmable luminaire (DALI)** |

**Illumination examples** (according to DIN EN 13201-2)

| | **Lighting situation** | | | |
|---|---|---|---|---|
| | S(P)2 | S(P)3 | S(P)4 | S(P)5 |
| **LPH** | 6 m | 6 m | 6 m | 6 m |
| **D** | 30 m | 35 m | 37 m | 41 m |
| **D/H** | 5 | 5.8 | 6.2 | 6.8 |
| **Em** | 9.3 lx | 8 lx | 7.5 lx | 6.8 lx |
| **Emin** | 3.1 lx | 1.5 lx | 1.0 lx | 0.6 lx |
| **Emin/Em** | 0.33 | 0.19 | 0.13 | 0.1 |
| **TI*** | 11% | 12% | 13% | 14% |

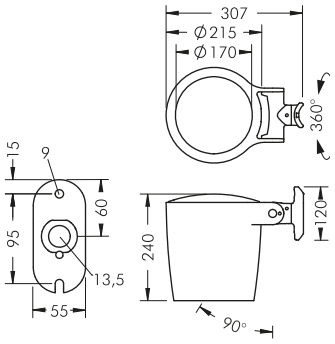
***** TI: Threshold Increment (unit for measuring glare).
A low TI value indicates a low glare factor.

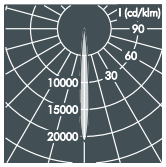
**LED**

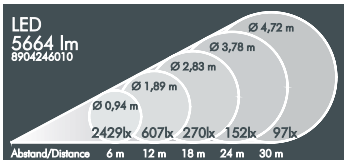
Luminaires available in 2700 K or other colour temperatures on request

## Monospot 4 pole luminaire

With a high performance LED module (Zhaga),
integral temperature monitoring device,
CRI: > 80, Colour tolerance: 2 SDCM
Service life: L90/B10 > 50 000 h
protection class I, IP65 ⧫⚠⚠, IK08
windage area AW 0,075 m²
corrosion-resistant die cast aluminium housing AlSi12,
polyester powder coated,
all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket,
closure with 3 stainless steel screws,
for installation on poles Ø 60 - 100 mm,
tiltable base made of powder coated aluminium,
2 drilled holes Ø 9 mm, spacing 95 mm,
1 drilled hole Ø 13.5 mm, tilt range 90°,
swivel range 360°, M20 cable gland,
integral driver (AC/DC)

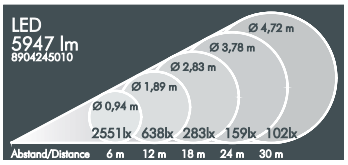


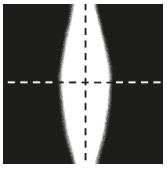



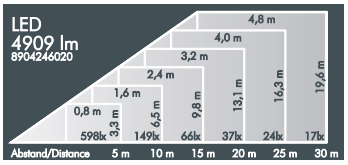

**Monospot 4 pole luminaire, narrow beam**

| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 904 246 019** | black | 1 x LED module 70 W | 5664 lm | 9° |
| **8 904 266 019** | white | warm white (3000 K) | | |
| **8 904 256 019** | silver grey | | | |




| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 904 245 019** | black | 1 x LED module 70 W | 5947 lm | 9° |
| **8 904 265 019** | white | neutral white (4000 K) | | |
| **8 904 255 019** | silver grey | | | |

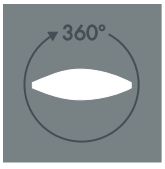





**Monospot 4 pole luminaire, linear beam spread, vertical**

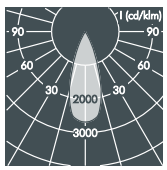
| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) | |
|---|---|---|---|---|---|
| **8 904 246 029** | black | 1 x LED module 70 W | 4909 lm | C 0 – 180 | C 90 – 270 |
| **8 904 266 029** | white | warm white (3000 K) | | 36° | 9° |
| **8 904 256 029** | silver grey | | | | |

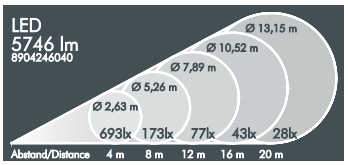
| | |
|---|---|
| **. ... ... .3.** | **Luminaire with linear beam spread, horizontal** |



**Monospot 4 pole luminaire, linear beam spread, rotatable**

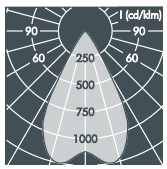
| Part number | Colour | Description | Luminous flux | Beam angle γ (FWHM) | |
|---|---|---|---|---|---|
| **8 904 246 079** | black | **Luminaire with external** | 4517 lm | C 0 – 180 | C 90 – 270 |
| **8 904 266 079** | white | **ribbed glass spreader lense,** | | 36° | 9° |
| **8 904 256 079** | silver grey | continuously adjustable through 360° | | | |
| | | from outside the luminaire | | | |

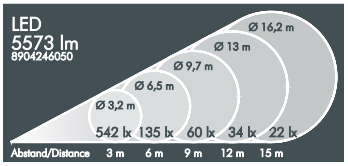



**Monospot 4 pole luminaire, medium wide beam**

| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 904 246 049** | black | 1 x LED module 70 W | 5746 lm | 36° |
| **8 904 266 049** | white | warm white (3000 K) | | |
| **8 904 256 049** | silver grey | | | |




**Monospot 4 pole luminaire, wide beam**

| Part number | Colour | Light source | Luminous flux | Beam angle γ (FWHM) |
|---|---|---|---|---|
| **8 904 246 059** | black | 1 x LED module 70 W | 5573 lm | 57° |
| **8 904 266 059** | white | warm white (3000 K) | | |
| **8 904 256 059** | silver grey | | | |

| Part number | Description |
|---|---|
| **. ... ..5 ...** | **Luminaire with neutral white colour temperature** (4000 K) |
| **. ... ... 1..** | **Dimmable luminaire (DALI)** |
| **. ... ... 2..** | **Dimmable luminaire (1-10 V)** |
| **. ... ..9 ...** | **Luminaire with LED module RGBW max. 49 W** |
| **. ... ..2 ...** | **Luminaire with Tunable White LED** |

**LED**

Luminaires available in 2700 K or other colour temperatures on request

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