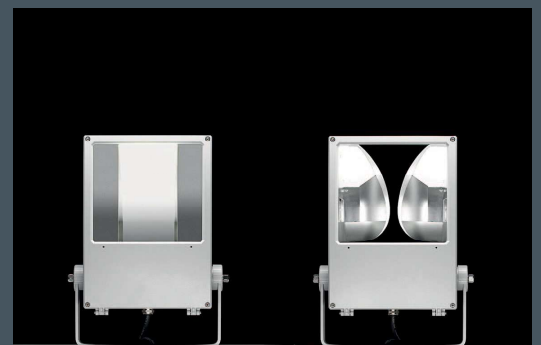




Fluxa area floodlights create uniform illumination for the urban environment, on public squares, pathways and streets. Depending on the type of application there are suitable luminaires available with asymmetrical or wide beam light distributions.

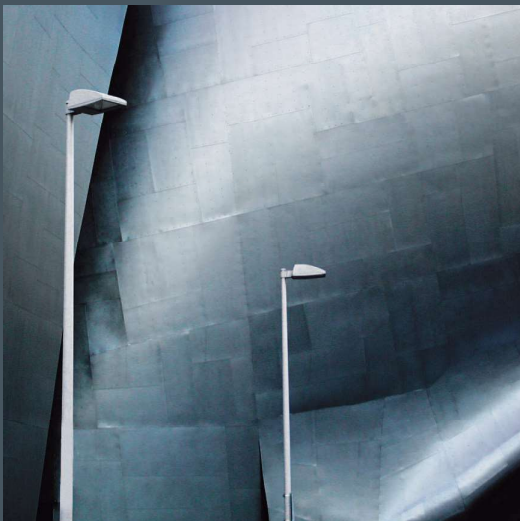
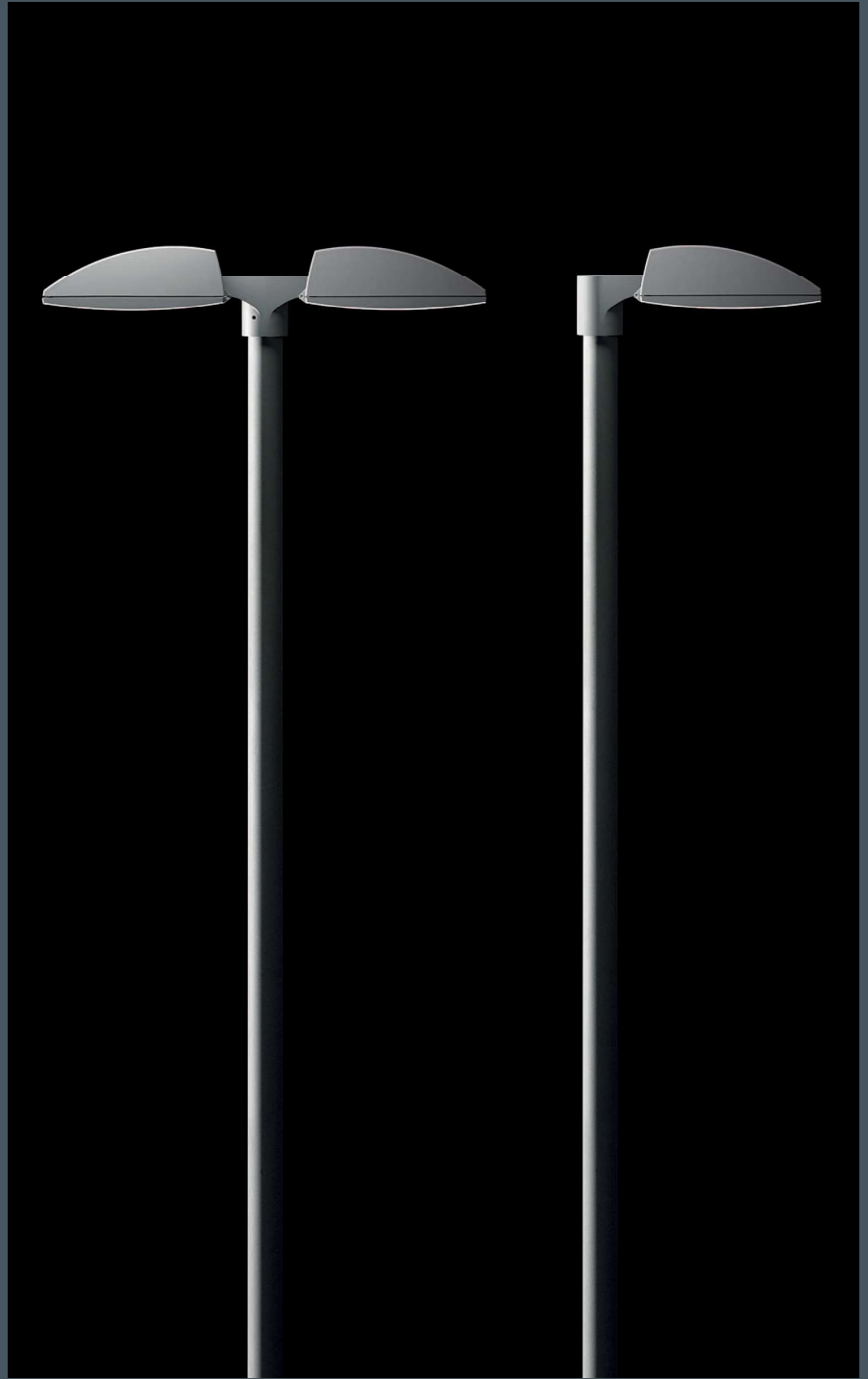
This luminaire series has been developed further for the demands of modern LED technology. The luminous flux of highly efficient LED modules is distributed across the area by precise reflector optics. The resulting lux levels are achieved with much lower energy consumption and exceed those of respective luminaires for discharge lamps.

Small dimensions of LED components allow the luminaire housing to be very shallow. That way the timeless and elegant design is enhanced.

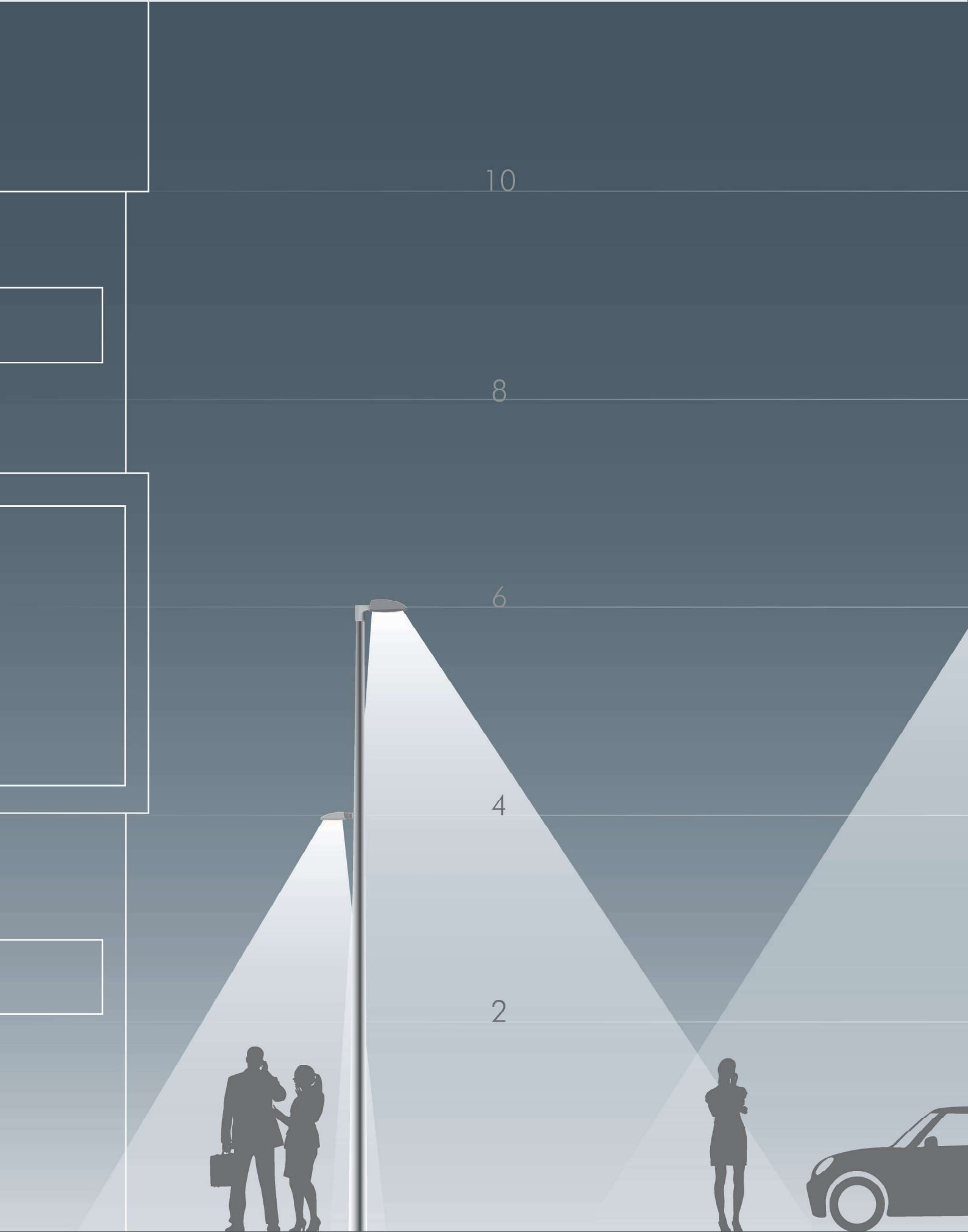


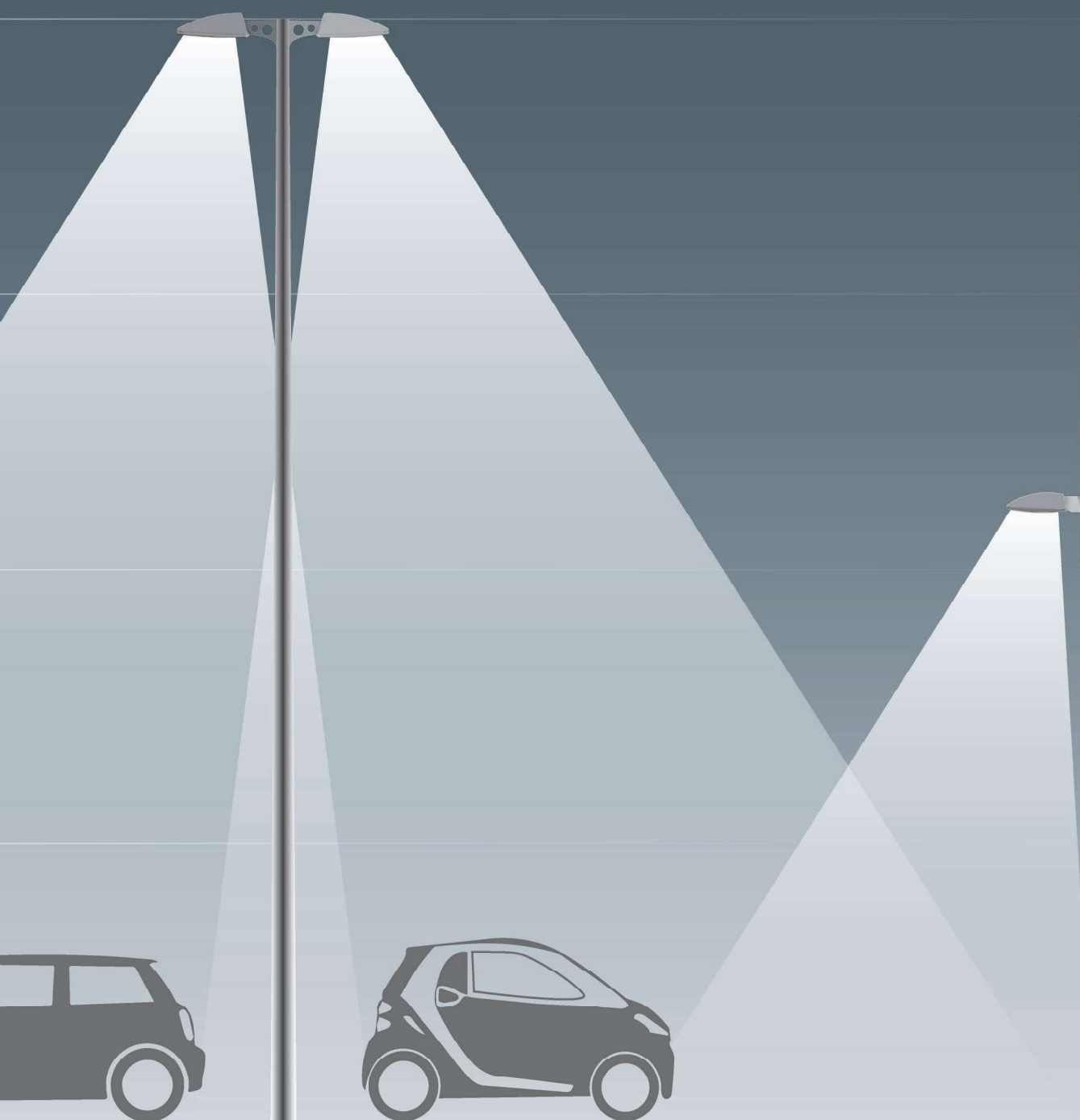
The luminaires are available with 2 alternative optics: Asymmetrical reflectors with forward throw light distribution achieve high lux levels in great distance. Wide beam reflectors evenly distribute the light of two LED modules sideways.

Pole-top luminaires are available complete with one or two floodlights. These units are pre-assembled for easy installation.

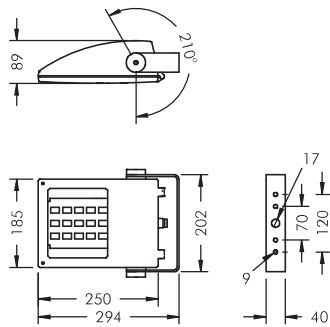


Thanks to their neutral design the luminaires blend in well with various different architectural styles.









Fluxa Mini LED

With high performance LEDs, integral temperature monitoring device, protection class I, IP65   , IK09 windage area AW 0.05 m<sup>2</sup> die cast aluminium housing, polyester powder coated, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure by 2 stainless steel screws, hinged front frame, powder coated aluminium mounting bracket with tilt scale, 4 drilled holes Ø 8.5 mm, spacing 70 mm (120 mm), 1 centre hole Ø 17 mm, tilt range 210°, M16 cable gland, integral driver (AC/DC)

Fluxa Mini LED, asymmetrical beam

| Part number   | Colour      | Light source        | Weight | Main beam angle γ |
|---------------|-------------|---------------------|--------|-------------------|
| 8 280 046 049 | black       | 15 x LED 2.5 W      | 2.3 kg | 43°               |
| 8 280 066 049 | white       | warm white (3000 K) |        |                   |
| 8 280 056 049 | silver grey |                     |        |                   |

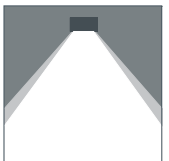
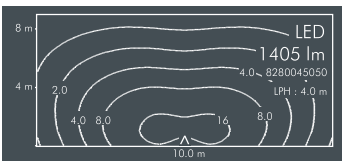
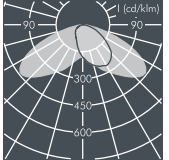
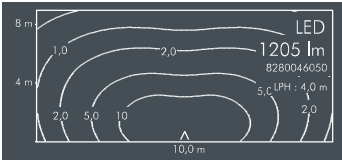
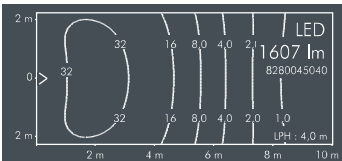
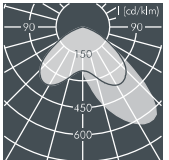
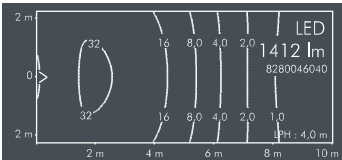
| Part number   | Colour      | Light source           | Weight | Main beam angle γ |
|---------------|-------------|------------------------|--------|-------------------|
| 8 280 045 049 | black       | 15 x LED 2.5 W         | 2.3 kg | 43°               |
| 8 280 065 049 | white       | neutral white (4300 K) |        |                   |
| 8 280 055 049 | silver grey |                        |        |                   |

Fluxa Mini LED, wide beam

| Part number   | Colour      | Light source        | Weight | Half beam angle γ |            |
|---------------|-------------|---------------------|--------|-------------------|------------|
|               |             |                     |        | C 0 – 180         | C 90 – 270 |
| 8 280 046 059 | black       | 15 x LED 2.5 W      | 2.3 kg | 70°               | 138°       |
| 8 280 066 059 | white       | warm white (3000 K) |        |                   |            |
| 8 280 056 059 | silver grey |                     |        |                   |            |

| Part number   | Colour      | Light source           | Weight | Half beam angle γ |            |
|---------------|-------------|------------------------|--------|-------------------|------------|
|               |             |                        |        | C 0 – 180         | C 90 – 270 |
| 8 280 045 059 | black       | 15 x LED 2.5 W         | 2.3 kg | 70°               | 138°       |
| 8 280 065 059 | white       | neutral white (4300 K) |        |                   |            |
| 8 280 055 059 | silver grey |                        |        |                   |            |

| Part number       | Description               |
|-------------------|---------------------------|
| 8 280 . . . 1 . . | Dimmable version (DALI)   |
| 8 280 . . . 2 . . | Dimmable version (1-10 V) |



LED (see page 334)

LEDs, replacement modules available



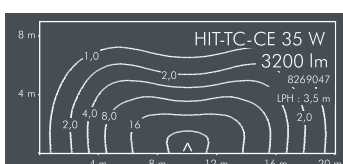
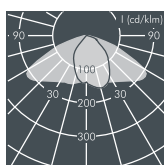
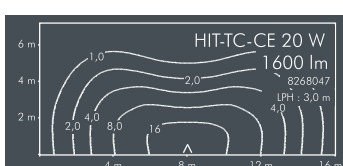
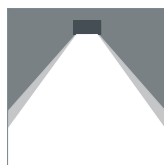
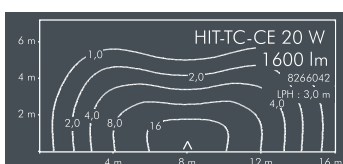
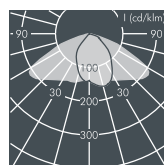
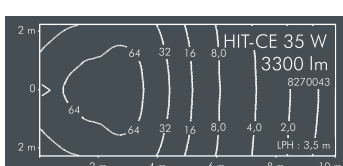
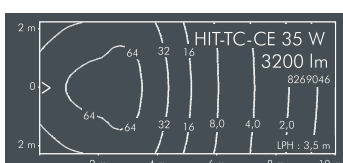
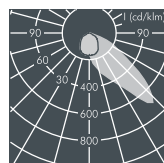
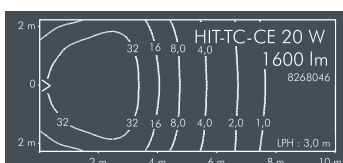
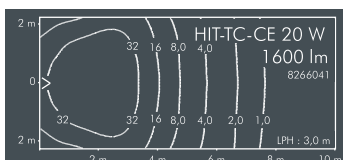
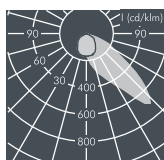
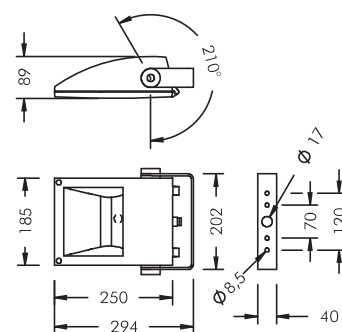
## Fluxa Mini

For ceramic metal halide lamps  
(HIT-TC-CE and HIT-CE)

protection class I, IP65  , IK09

windage area AW 0.05 m<sup>2</sup>

die cast aluminium housing, polyester powder coated, asymmetrical textured aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure by 2 stainless steel screws, hinged front frame, powder coated aluminium mounting bracket with tilt scale, 4 drilled holes Ø 8.5 mm, spacing 70 mm (120 mm), 1 centre hole Ø 17 mm, tilt range 210°, M16 cable gland, integral electronic ballast, supplied without lamp



### Fluxa Mini 20 W, asymmetrical beam

| Part number          | Colour      | Lamp           | Lampholder | Weight | Beam angle γ |
|----------------------|-------------|----------------|------------|--------|--------------|
| <b>8 266 041 009</b> | black       | Philips CDM-Tm | PGJ5       | 2.2 kg | 43°          |
| <b>8 266 061 009</b> | white       | 20 W           |            |        |              |
| <b>8 266 051 009</b> | silver grey |                |            |        |              |

| Part number          | Colour      | Lamp              | Lampholder | Weight | Beam angle γ |
|----------------------|-------------|-------------------|------------|--------|--------------|
| <b>8 268 046 009</b> | black       | General Electric  | GU6.5      | 2.3 kg | 43°          |
| <b>8 268 066 009</b> | white       | CMH 20 W/         |            |        |              |
| <b>8 268 056 009</b> | silver grey | Osram HCI-TF 20 W |            |        |              |

### Fluxa Mini 35 W, asymmetrical beam

| Part number          | Colour      | Lamp              | Lampholder | Weight | Beam angle γ |
|----------------------|-------------|-------------------|------------|--------|--------------|
| <b>8 269 046 009</b> | black       | General Electric  | GU6,5      | 2,3 kg | 43°          |
| <b>8 269 066 009</b> | white       | CMH 35 W/         |            |        |              |
| <b>8 269 056 009</b> | silver grey | Osram HCI-TF 35 W |            |        |              |

| Part number          | Colour      | Lamp        | Lampholder | Weight | Beam angle γ |
|----------------------|-------------|-------------|------------|--------|--------------|
| <b>8 270 043 009</b> | black       | HIT-CE 35 W | G12        | 2,4 kg | 42°          |
| <b>8 270 063 009</b> | white       |             |            |        |              |
| <b>8 270 053 009</b> | silver grey |             |            |        |              |

### Fluxa Mini 20 W, wide beam

| Part number          | Colour      | Lamp           | Lampholder | Weight | Beam angle γ |
|----------------------|-------------|----------------|------------|--------|--------------|
| <b>8 266 042 009</b> | black       | Philips CDM-Tm | PGJ5       | 2,2 kg | C 0 – 180    |
| <b>8 266 062 009</b> | white       | 20 W           |            |        | C 90 – 270   |
| <b>8 266 052 009</b> | silver grey |                |            |        | 75°          |

| Part number          | Colour      | Lamp              | Lampholder | Weight | Beam angle γ |
|----------------------|-------------|-------------------|------------|--------|--------------|
| <b>8 268 047 009</b> | black       | General Electric  | GU6,5      | 2,3 kg | C 0 – 180    |
| <b>8 268 067 009</b> | white       | CMH 20 W/         |            |        | C 90 – 270   |
| <b>8 268 057 009</b> | silver grey | Osram HCI-TF 20 W |            |        | 75°          |

### Fluxa Mini 35 W, wide beam

| Part number          | Colour      | Lamp              | Lampholder | Weight | Half beam angle γ |
|----------------------|-------------|-------------------|------------|--------|-------------------|
| <b>8 269 047 009</b> | black       | General Electric  | GU6.5      | 2.3 kg | C 0 – 180         |
| <b>8 269 067 009</b> | white       | CMH 35 W/         |            |        | C 90 – 270        |
| <b>8 269 057 009</b> | silver grey | Osram HCI-TF 35 W |            |        | 75°               |

Lamps (see page 332–333)

HIT-TC-CE



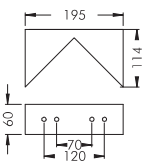
HIT-TC-CE



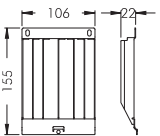
HIT-CE



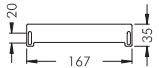
| Accessories Fluxa Mini |             |                                                                                                              |
|------------------------|-------------|--------------------------------------------------------------------------------------------------------------|
| Part number            | Colour      | Description                                                                                                  |
| 128 0 086 940          | black       | <b>Corner fixing bracket B</b> , aluminium, polyester powder coated, for mounting floodlights on 90° corners |
| 128 0 086 960          | white       |                                                                                                              |
| 128 0 086 950          | silver grey |                                                                                                              |



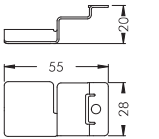
| Accessories Fluxa Mini (HIT 20/35 W), asymmetrical beam |                                                    |
|---------------------------------------------------------|----------------------------------------------------|
| Part number                                             | Description                                        |
| 122 0 210 000                                           | <b>Louvre</b> , internally fitted, to reduce glare |



| Part number   | Description                                                                             |
|---------------|-----------------------------------------------------------------------------------------|
| 122 0 211 000 | <b>Glare shield</b> , adjustable 16 mm, to prevent glare from light reflected backwards |



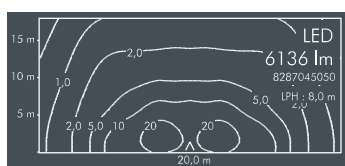
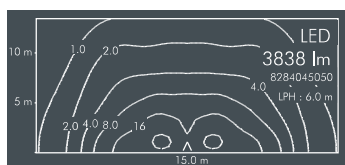
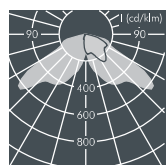
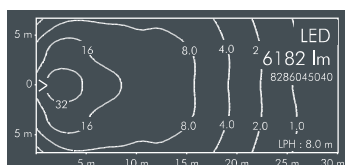
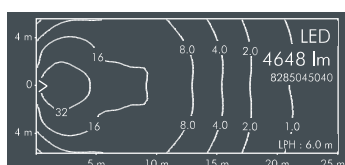
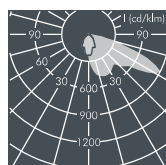
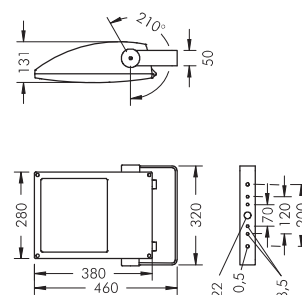
| Accessories Fluxa Mini (HIT 20/35 W), wide beam |                                                                    |
|-------------------------------------------------|--------------------------------------------------------------------|
| Part number                                     | Description                                                        |
| 122 0 212 000                                   | <b>Glare shield</b> , to prevent glare from direct light from lamp |



## Fluxa A LED

With high performance LED module (Zhaga),  
integral temperature monitoring device,  
protection class I, IP65 , IK08  
windage area AW 0.11 m<sup>2</sup>

die cast aluminium housing, polyester powder coated,  
aluminium reflector, all exterior steel parts are  
stainless steel, tempered safety glass, silicon gasket,  
4 stainless steel screws, hinged front frame, powder  
coated aluminium mounting bracket with tilt scale:  
4 holes Ø 8.5 mm, spacing 70 mm (120 mm),  
2 drilled holes Ø 10 mm, spacing 200 mm,  
1 centre hole Ø 22 mm, tilt range 210°,  
M20 cable gland, integral driver



### Fluxa A LED, asymmetrical beam

| Part number          | Colour      | Light source           | Weight | Main beam angle ° |
|----------------------|-------------|------------------------|--------|-------------------|
| <b>8 285 045 049</b> | black       | 1 x LED module 52 W    | 6.2 kg | 63°               |
| <b>8 285 065 049</b> | white       | neutral white (4000 K) |        |                   |
| <b>8 285 055 049</b> | silver grey |                        |        |                   |

| Part number          | Colour      | Light source           | Weight | Main beam angle ° |
|----------------------|-------------|------------------------|--------|-------------------|
| <b>8 286 045 049</b> | black       | 1 x LED module 69 W    | 6.2 kg | 63°               |
| <b>8 286 065 049</b> | white       | neutral white (4000 K) |        |                   |
| <b>8 286 055 049</b> | silver grey |                        |        |                   |

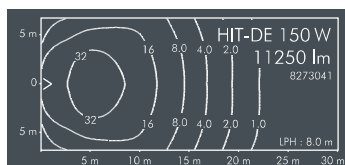
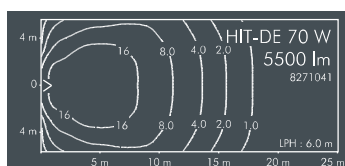
### Fluxa A LED, wide beam

| Part number          | Colour      | Light source           | Weight | Half beam angle °    |
|----------------------|-------------|------------------------|--------|----------------------|
|                      |             |                        |        | C 0 – 180 C 90 – 270 |
| <b>8 284 045 059</b> | black       | 2 x LED module 21 W    | 6.2 kg | 121° 139°            |
| <b>8 284 065 059</b> | white       | neutral white (4000 K) |        |                      |
| <b>8 284 055 059</b> | silver grey |                        |        |                      |

| Part number          | Colour      | Light source           | Weight | Half beam angle °    |
|----------------------|-------------|------------------------|--------|----------------------|
|                      |             |                        |        | C 0 – 180 C 90 – 270 |
| <b>8 287 045 059</b> | black       | 2 x LED module 33 W    | 6.2 kg | 121° 139°            |
| <b>8 287 065 059</b> | white       | neutral white (4000 K) |        |                      |
| <b>8 287 055 059</b> | silver grey |                        |        |                      |

| Part number      | Description                                          |
|------------------|------------------------------------------------------|
| <b>... 6 ...</b> | <b>Luminaire with warm white LED module (3000 K)</b> |
| <b>... 1 ...</b> | <b>Dimmable luminaire*</b>                           |
|                  | <b>DALI / StepDIM / AstroDIM</b>                     |

\* Light control options see page 207



### Lux level comparison HIT-DE 70 W / LED 52 W, asymmetrical beam

HIT-DE 70 W: 4.5 lux average level

LED 52 W: 7 lux average level

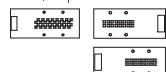
### Lux level comparison HIT-DE 150 W / LED 69 W, asymmetrical beam

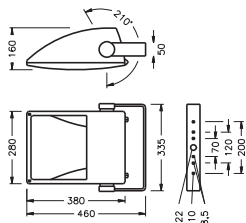
HIT-DE 150 W: 9 lux average level

LED 69 W: 8 lux average level

LED (see page 334)

LEDs, replacement modules available



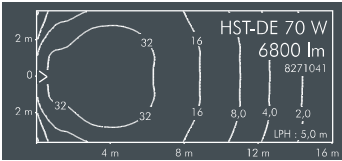
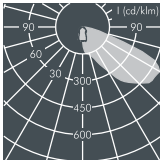
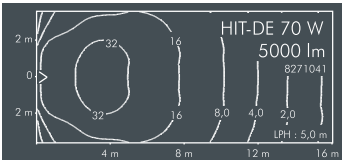


Fluxa A

For metal halide lamps (HIT-DE), ceramic metal halide lamps (HIT-DE-CE), high pressure sodium lamps (HST-DE) and halogen lamps (QT-DE 12)  
protection class I, IP65  , IK08  
windage area AW 0.11 m<sup>2</sup>  
die cast aluminium housing, polyester powder coated, asymmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, hinged front frame, powder coated aluminium mounting bracket with tilt scale:  
4 holes Ø 8.5 mm, spacing 70 mm (120 mm), 2 drilled holes Ø 10 mm, spacing 200 mm, 1 centre hole Ø 22 mm, tilt range 210°, M20 cable gland, integral LPF ballast and ignitor, HPF available on request (see page 330), supplied without lamp

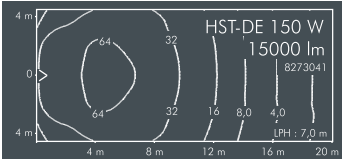
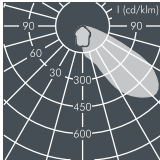
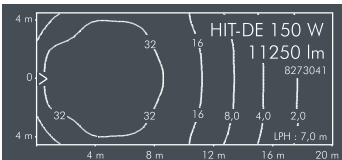
Fluxa A 70 W, asymmetrical beam

| Part number   | Colour      | Lamp           | Lampholder | Weight | Main beam angle γ |
|---------------|-------------|----------------|------------|--------|-------------------|
| 8 271 041 009 | black       | HIT-DE 70 W    | Rx7s       | 8.5 kg | 60°               |
| 8 271 061 009 | white       | HIT-DE-CE 70 W |            |        |                   |
| 8 271 051 009 | silver grey | HST-DE 70 W    |            |        |                   |



Fluxa A 150 W, asymmetrical beam

| Part number   | Colour      | Lamp            | Lampholder | Weight | Main beam angle γ |
|---------------|-------------|-----------------|------------|--------|-------------------|
| 8 273 041 009 | black       | HIT-DE 150 W    | Rx7s       | 9.0 kg | 45°               |
| 8 273 061 009 | white       | HIT-DE-CE 150 W |            |        |                   |
| 8 273 051 009 | silver grey | HST-DE 150 W    |            |        |                   |

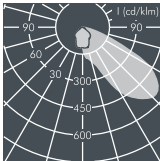
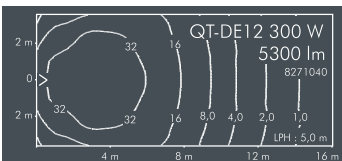


Fluxa A 70 W, asymmetrical beam

| Part number   | Description                             |
|---------------|-----------------------------------------|
| . . . . . 1 . | <b>Luminaire</b><br>in class II version |

Fluxa A 300 W, asymmetrical beam

| Part number   | Colour      | Lamp        | Lampholder | Weight | Main beam angle γ |
|---------------|-------------|-------------|------------|--------|-------------------|
| 8 271 040 009 | black       | QT-DE 12    | R7s        | 7.0 kg | 60°               |
| 8 271 060 009 | white       | up to 300 W |            |        |                   |
| 8 271 050 009 | silver grey |             |            |        |                   |



Lamps (see page 332–333)

HIT-DE



HIT-DE-CE



HST-DE



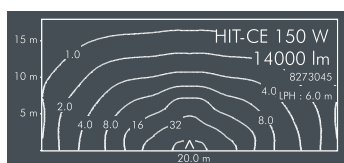
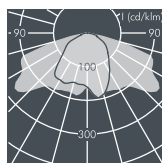
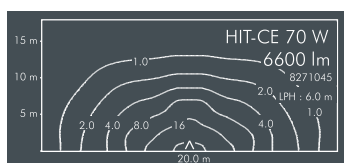
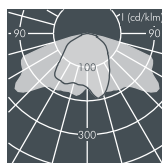
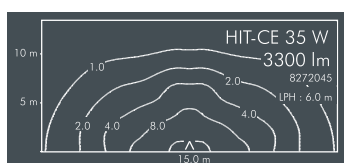
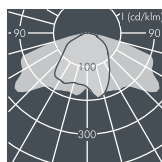
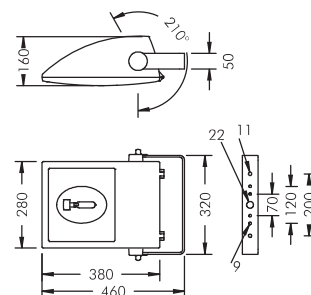
QT-DE 12



## Fluxa A, wide beam

For metal halide lamps (HIT) and ceramic metal halide lamps (HIT-CE)  
protection class I, IP65 , IK08  
windage area AW 0.11 m<sup>2</sup>

die cast aluminium housing, polyester powder coated, high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, hinged front frame, powder coated aluminium mounting bracket with tilt scale: 4 holes Ø 8.5 mm, spacing 70 mm (120 mm), 2 drilled holes Ø 10 mm, spacing 200 mm, 1 centre hole Ø 22 mm, tilt range 210°, M20 cable gland, integral LPF ballast and ignitor, HPF available on request (see page 330), supplied without lamp



### Fluxa A 35 W, wide beam

| Part number          | Colour      | Lamp        | Lampholder | Weight | Half beam angle γ |            |
|----------------------|-------------|-------------|------------|--------|-------------------|------------|
| <b>8 272 045 009</b> | black       | HIT-CE 35 W | G12        | 8.3 kg | C 0 - 180         | C 90 - 270 |
| <b>8 272 065 009</b> | white       |             |            |        | 82°               | 145°       |
| <b>8 272 055 009</b> | silver grey |             |            |        |                   |            |

### Fluxa A 70 W, wide beam

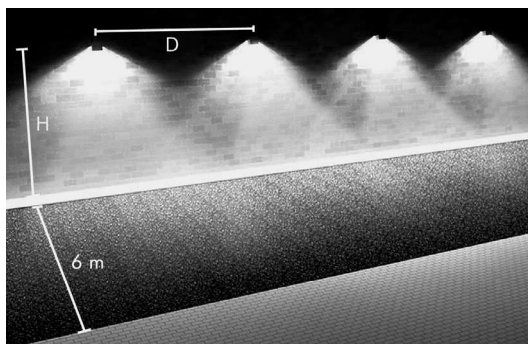
| Part number          | Colour      | Lamp        | Lampholder | Weight | Half beam angle γ |            |
|----------------------|-------------|-------------|------------|--------|-------------------|------------|
| <b>8 271 045 009</b> | black       | HIT 70 W    | G12        | 8.5 kg | C 0 - 180         | C 90 - 270 |
| <b>8 271 065 009</b> | white       | HIT-CE 70 W |            |        | 82°               | 145°       |
| <b>8 271 055 009</b> | silver grey |             |            |        |                   |            |

### Fluxa A 150 W, wide beam

| Part number          | Colour      | Lamp         | Lampholder | Weight | Half beam angle γ |            |
|----------------------|-------------|--------------|------------|--------|-------------------|------------|
| <b>8 273 045 009</b> | black       | HIT 150 W    | G12        | 9 kg   | C 0 - 180         | C 90 - 270 |
| <b>8 273 065 009</b> | white       | HIT-CE 150 W |            |        | 82°               | 145°       |
| <b>8 273 055 009</b> | silver grey |              |            |        |                   |            |

### Fluxa A 35/70/150 W, wide beam

| Part number    | Description                             |
|----------------|-----------------------------------------|
| <b>.....1.</b> | <b>Luminaire</b><br>in class II version |



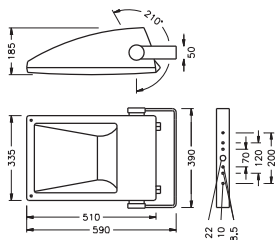
Lamps (see page 332-333)

HIT HIT-CE



### Typical illumination levels and uniformity values

|                                       | HIT / HIT-CE |       |       |
|---------------------------------------|--------------|-------|-------|
|                                       | 35 W         | 70 W  | 150 W |
| <b>H</b>                              | 5 m          | 6 m   | 8 m   |
| <b>D</b>                              | 20 m         | 24 m  | 32 m  |
| <b>D/H</b>                            | 4            | 4     | 4     |
| <b>E<sub>av</sub></b>                 | 7 lx         | 11 lx | 14 lx |
| <b>E<sub>min</sub>/E<sub>av</sub></b> | 0.36         | 0.38  | 0.38  |

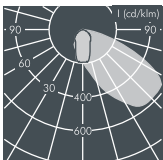


Fluxa B

For metal halide lamps (HIT-DE) and high pressure sodium lamps (HST-DE) protection class I, IP54  , IK09 windage area AW 0.17 m<sup>2</sup> cast aluminium housing, polyester powder coated, asymmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 2 stainless steel screws, hinged front frame, powder coated aluminium mounting bracket with tilt scale: 4 drilled holes Ø 8.5 mm, spacing 70 mm (120 mm), 2 drilled holes Ø 10 mm, spacing 200 mm, 1 centre hole Ø 22 mm, tilt range 210°, M20 cable gland, integral LPF ballast and ignitor, HPP available on request (see page 330), supplied without lamp

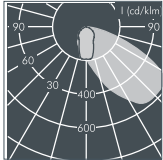
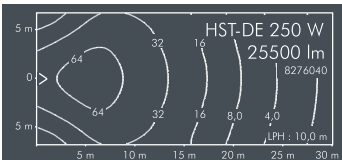
Fluxa B 250 W, HIT-DE

| Part number   | Colour      | Lamp         | Lampholder | Weight  | Main beam angle γ |
|---------------|-------------|--------------|------------|---------|-------------------|
| 8 275 040 009 | black       | HIT-DE 250 W | Fc2        | 14.2 kg | 45°               |
| 8 275 050 009 | silver grey |              |            |         |                   |



Fluxa B 250 W, HST-DE

| Part number   | Colour      | Lamp         | Lampholder | Weight  | Main beam angle γ |
|---------------|-------------|--------------|------------|---------|-------------------|
| 8 276 040 009 | black       | HST-DE 250 W | Fc2        | 14.2 kg | 45°               |
| 8 276 050 009 | silver grey |              |            |         |                   |





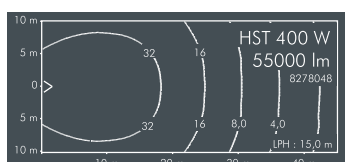
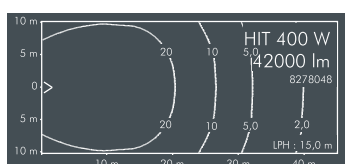
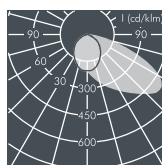
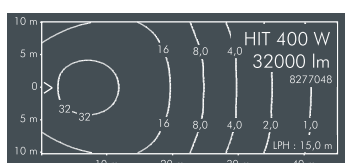
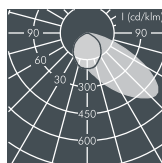
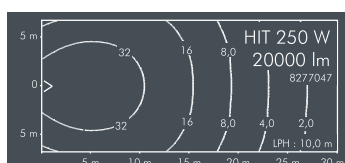
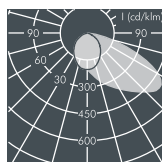
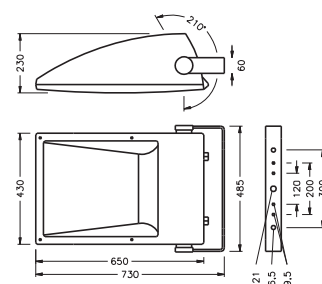
## Fluxa C

For metal halide lamps (HIT) and  
high pressure sodium lamps (HST)

protection class I, IP54

windage area AW 0.28 m<sup>2</sup>

cast aluminium housing, polyester powder coated,  
asymmetrical high gloss aluminium reflector,  
all exterior steel parts are stainless steel, tempered  
safety glass, silicon gasket, closure with 4 stainless  
steel screws, hinged front frame, powder coated  
aluminium mounting bracket with tilt scale: 4 drilled  
holes Ø 9.5 mm, spacing 120 mm (200 mm),  
2 drilled holes Ø 16.5 mm, spacing 300 mm,  
1 centre hole Ø 21 mm, tilt range 210°,  
M20 cable gland, integral LPF ballast and ignitor,  
HPF ballast available (see page 330),  
supplied without lamp



### Fluxa C 250 W, HIT/HST

| Part number          | Colour      | Lamp      | Lampholder | Weight  | Main beam angle ° |
|----------------------|-------------|-----------|------------|---------|-------------------|
| <b>8 277 047 009</b> | black       | HIT 250 W | E40        | 22.0 kg | 55°               |
| <b>8 277 057 009</b> | silver grey | HST 250 W |            |         |                   |

### Fluxa C 400 W, HIT

| Part number          | Colour      | Lamp                                  | Lampholder | Weight  | Main beam angle ° |
|----------------------|-------------|---------------------------------------|------------|---------|-------------------|
| <b>8 277 048 009</b> | black       | HIT 400 W                             | E40        | 23.2 kg | 50°               |
| <b>8 277 058 009</b> | silver grey | Lamp operating current<br>up to 3.6 A |            |         |                   |

### Fluxa C 400 W, HIT/ HST

| Part number          | Colour      | Lamp                                               | Lampholder | Weight  | Main beam angle ° |
|----------------------|-------------|----------------------------------------------------|------------|---------|-------------------|
| <b>8 278 048 009</b> | black       | HIT 400 W                                          | E40        | 23.2 kg | 55°               |
| <b>8 278 058 009</b> | silver grey | HST 400 W<br>Lamp operating current<br>up to 4.4 A |            |         |                   |

Lamps (see page 332–333)

HIT

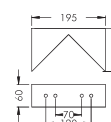
HST



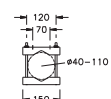


**Accessories for Fluxa A, A LED**

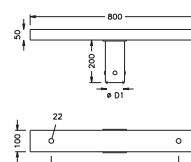
| Part number          | Colour      | Description                                                                                                  |
|----------------------|-------------|--------------------------------------------------------------------------------------------------------------|
| <b>128 0 086 940</b> | black       | <b>Corner fixing bracket B</b> , aluminium, polyester powder coated, for mounting floodlights on 90° corners |
| <b>128 0 086 960</b> | white       |                                                                                                              |
| <b>128 0 086 950</b> | silver grey |                                                                                                              |

**Accessories for Fluxa A, A LED, B**

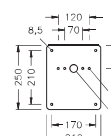
| Part number          | Colour      | Description                                                                                                                  |
|----------------------|-------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>120 0 240 940</b> | black       | <b>Universal pole clamp</b> , aluminium, polyester powder coated, stainless steel bolts, for mounting on poles Ø 40 - 110 mm |
| <b>120 0 240 960</b> | white       |                                                                                                                              |
| <b>120 0 240 950</b> | silver grey |                                                                                                                              |



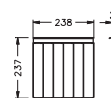
| Part number          | Colour      | Description                                                                                                          |
|----------------------|-------------|----------------------------------------------------------------------------------------------------------------------|
| <b>128 0 287 940</b> | black       | <b>Crossbar</b> , for pole <b>D1 = 76 mm</b> , for two luminaires, hot dip galvanized steel, polyester powder coated |
| <b>128 0 287 960</b> | white       |                                                                                                                      |
| <b>128 0 287 950</b> | silver grey |                                                                                                                      |
| <b>128 0 287 000</b> | unpainted   | <b>Crossbar</b> , for pole <b>D1 = 76 mm</b> , for two luminaires, hot dip galvanized steel                          |
| <b>128 0 552 940</b> | black       |                                                                                                                      |
| <b>128 0 552 960</b> | white       |                                                                                                                      |
| <b>128 0 552 950</b> | silver grey | <b>Crossbar</b> , for pole <b>D1 = 89 mm</b> , for two luminaires, hot dip galvanized steel                          |
| <b>128 0 552 000</b> | unpainted   |                                                                                                                      |
|                      |             |                                                                                                                      |

**Accessories for Fluxa A, A LED, B, C**

| Part number          | Colour      | Description                                                                                           |
|----------------------|-------------|-------------------------------------------------------------------------------------------------------|
| <b>128 0 232 940</b> | black       | <b>Wall plate B</b> , aluminium, polyester powder coated, for additional support on unstable surfaces |
| <b>128 0 232 960</b> | white       |                                                                                                       |
| <b>128 0 232 950</b> | silver grey |                                                                                                       |

**Accessories for Fluxa A, Fluxa A LED (asymmetrical beam)**

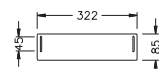
| Part number          | Colour      | Description                                                                                   |
|----------------------|-------------|-----------------------------------------------------------------------------------------------|
| <b>122 0 066 940</b> | black       | <b>Louvre</b> , stainless steel, to reduce lateral glare, for mounting on front of floodlight |
| <b>122 0 066 960</b> | white       |                                                                                               |
| <b>122 0 066 950</b> | silver grey |                                                                                               |

**Accessories for Fluxa A, Fluxa AG, Fluxa A - with arm, asymmetrical beam**

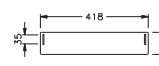
| Part number          | Description                                                                                                    |
|----------------------|----------------------------------------------------------------------------------------------------------------|
| <b>232 0 150 000</b> | <b>Glare shield 285 x 85 mm</b> , continuously adjustable 45mm, to reduce glare from light reflected backwards |

**Accessories for Fluxa B/Fluxa BG/Fluxa B - with arm**

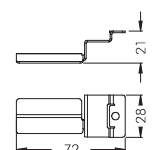
| Part number          | Description                                                                                                    |
|----------------------|----------------------------------------------------------------------------------------------------------------|
| <b>232 0 116 000</b> | <b>Glare shield 322 x 85 mm</b> , continuously adjustable 45mm, to reduce glare from light reflected backwards |

**Accessories for Fluxa C/Fluxa C - with arm**

| Part number          | Description                                                                                         |
|----------------------|-----------------------------------------------------------------------------------------------------|
| <b>232 0 117 000</b> | <b>Glare shield 418 x 85 mm</b> , adjustable 35 mm, to prevent glare from light reflected backwards |

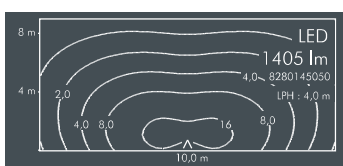
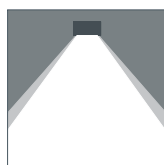
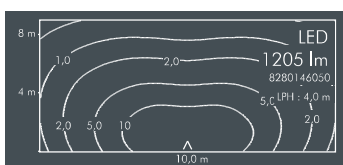
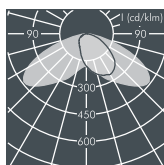
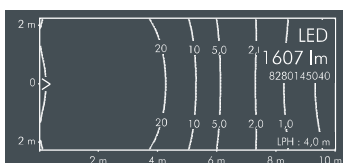
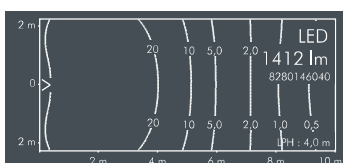
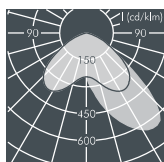
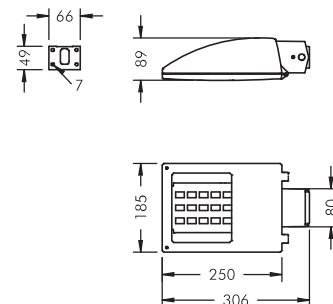
**Accessories for Fluxa A, wide beam**

| Part number          | Description                                                                |
|----------------------|----------------------------------------------------------------------------|
| <b>232 0 166 000</b> | <b>Glare control shield</b> , to prevent glare from direct light from lamp |



## Fluxa Mini G LED

For high performance LEDs,  
integral temperature monitoring device  
protection class I, IP65 , IK09  
windage area AW 0.05 m<sup>2</sup>  
die cast aluminium housing, polyester powder  
coated, all exterior steel parts are stainless steel,  
tempered safety glass, silicon gasket,  
closure by 2 stainless steel screws,  
hinged front frame, adjustable bracket assembly,  
4 drilled holes Ø 6.5 mm,  
spacing 50 x 30 mm, tilt range +/- 15°,  
M16 cable gland, integral driver (AC/DC)



### Fluxa Mini G LED, asymmetrical beam

| Part number          | Colour      | Light source        | Weight | Main beam angle γ |
|----------------------|-------------|---------------------|--------|-------------------|
| <b>8 280 146 049</b> | black       | 15 x LED 2.5 W      | 2.5 kg | 43°               |
| <b>8 280 166 049</b> | white       | warm white (3000 K) |        |                   |
| <b>8 280 156 049</b> | silver grey |                     |        |                   |

| Part number          | Colour      | Light source           | Weight | Main beam angle γ |
|----------------------|-------------|------------------------|--------|-------------------|
| <b>8 280 145 049</b> | black       | 15 x LED 2.5 W         | 2.5 kg | 43°               |
| <b>8 280 165 049</b> | white       | neutral white (4300 K) |        |                   |
| <b>8 280 155 049</b> | silver grey |                        |        |                   |

### Fluxa Mini G LED, wide beam

| Part number          | Colour      | Light source        | Weight | Half beam angle γ |            |
|----------------------|-------------|---------------------|--------|-------------------|------------|
|                      |             |                     |        | C 0 – 180         | C 90 – 270 |
| <b>8 280 146 059</b> | black       | 15 x LED 2.5 W      | 2.5 kg | 70°               | 138°       |
| <b>8 280 166 059</b> | white       | warm white (3000 K) |        |                   |            |
| <b>8 280 156 059</b> | silver grey |                     |        |                   |            |

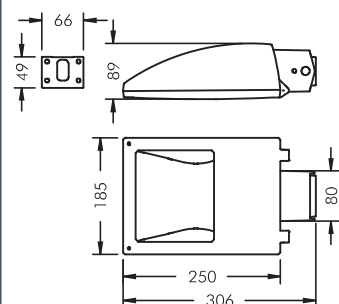
| Part number          | Colour      | Light source           | Weight | Half beam angle γ |            |
|----------------------|-------------|------------------------|--------|-------------------|------------|
|                      |             |                        |        | C 0 – 180         | C 90 – 270 |
| <b>8 280 145 059</b> | black       | 15 x LED 2.5 W         | 2.5 kg | 70°               | 138°       |
| <b>8 280 165 059</b> | white       | neutral white (4300 K) |        |                   |            |
| <b>8 280 155 059</b> | silver grey |                        |        |                   |            |

| Part number           | Description                      |
|-----------------------|----------------------------------|
| <b>8 280 ... 1 ..</b> | <b>Dimmable version (DALI)</b>   |
| <b>8 280 ... 2 ..</b> | <b>Dimmable version (1-10 V)</b> |

LED (see page 334)

LEDs, replacement modules available





## Fluxa Mini G

For ceramic metal halide lamps

(HIT-TC-CE and HIT-CE)

protection class I, IP65 , IK09

windage area AW 0.05 m<sup>2</sup>

die cast aluminium housing, polyester powder

coated, asymmetrical textured aluminium reflector,

all exterior steel parts are stainless steel, tempered

safety glass, silicon gasket, closure by 2 stainless

steel screws, hinged front frame, adjustable bracket

assembly, 4 drilled holes Ø 6.5 mm, spacing

50 x 30 mm, tilt range +/- 15°, M16 cable gland,

integral electronic ballast, supplied without lamp

### Fluxa Mini G 20 W, asymmetrical beam

| Part number          | Colour      | Lamp                   | Lampholder | Weight | Beam angle γ |
|----------------------|-------------|------------------------|------------|--------|--------------|
| <b>8 266 141 009</b> | black       | Philips CDM-Tm<br>20 W | PGJ5       | 2,4 kg | 43°          |
| <b>8 266 161 009</b> | white       |                        |            |        |              |
| <b>8 266 151 009</b> | silver grey |                        |            |        |              |

| Part number          | Colour      | Lamp                                             | Lampholder | Weight | Beam angle γ |
|----------------------|-------------|--------------------------------------------------|------------|--------|--------------|
| <b>8 268 146 009</b> | black       | General Electric<br>CMH 20 W/<br>Osram HCHT 20 W | GU6,5      | 2,5 kg | 43°          |
| <b>8 268 166 009</b> | white       |                                                  |            |        |              |
| <b>8 268 156 009</b> | silver grey |                                                  |            |        |              |

### Fluxa Mini G 35 W, asymmetrical beam

| Part number          | Colour      | Lamp                                             | Lampholder | Weight | Beam angle γ |
|----------------------|-------------|--------------------------------------------------|------------|--------|--------------|
| <b>8 269 146 009</b> | black       | General Electric<br>CMH 35 W/<br>Osram HCHT 35 W | GU6,5      | 2,5 kg | 43°          |
| <b>8 269 166 009</b> | white       |                                                  |            |        |              |
| <b>8 269 156 009</b> | silver grey |                                                  |            |        |              |

| Part number          | Colour      | Lamp        | Lampholder | Weight | Beam angle γ |
|----------------------|-------------|-------------|------------|--------|--------------|
| <b>8 270 143 009</b> | black       | HIT-CE 35 W | G12        | 2,6 kg | 42°          |
| <b>8 270 163 009</b> | white       |             |            |        |              |
| <b>8 270 153 009</b> | silver grey |             |            |        |              |

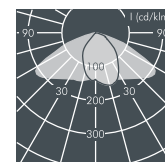
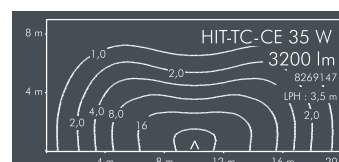
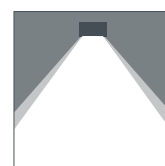
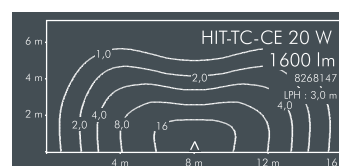
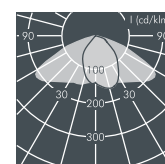
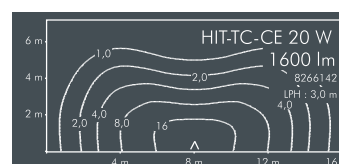
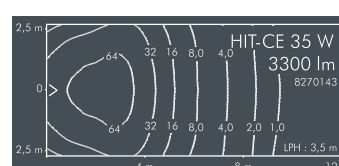
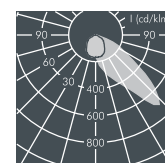
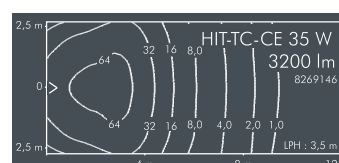
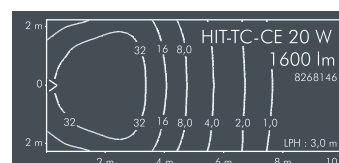
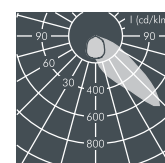
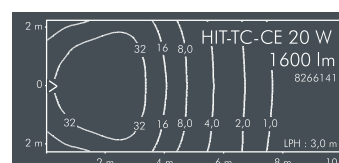
### Fluxa Mini G 20 W, wide beam

| Part number          | Colour      | Lamp                   | Lampholder | Weight | Half beam angle γ |            |
|----------------------|-------------|------------------------|------------|--------|-------------------|------------|
|                      |             |                        |            |        | C 0 – 180         | C 90 – 270 |
| <b>8 266 142 009</b> | black       | Philips CDM-Tm<br>20 W | PGJ5       | 2,4 kg | 75°               | 135°       |
| <b>8 266 162 009</b> | white       |                        |            |        |                   |            |
| <b>8 266 152 009</b> | silver grey |                        |            |        |                   |            |

| Part number          | Colour      | Lamp                                             | Lampholder | Weight | Half beam angle γ |            |
|----------------------|-------------|--------------------------------------------------|------------|--------|-------------------|------------|
|                      |             |                                                  |            |        | C 0 – 180         | C 90 – 270 |
| <b>8 268 147 009</b> | black       | General Electric<br>CMH 20 W/<br>Osram HCHT 20 W | GU6,5      | 2,5 kg | 75°               | 135°       |
| <b>8 268 167 009</b> | white       |                                                  |            |        |                   |            |
| <b>8 268 157 009</b> | silver grey |                                                  |            |        |                   |            |

### Fluxa Mini G 35 W, wide beam

| Part number          | Colour      | Lamp                                             | Lampholder | Weight | Half beam angle γ |            |
|----------------------|-------------|--------------------------------------------------|------------|--------|-------------------|------------|
|                      |             |                                                  |            |        | C 0 – 180         | C 90 – 270 |
| <b>8 269 147 009</b> | black       | General Electric<br>CMH 35 W/<br>Osram HCHT 35 W | GU6,5      | 2,5 kg | 75°               | 135°       |
| <b>8 269 167 009</b> | white       |                                                  |            |        |                   |            |
| <b>8 269 157 009</b> | silver grey |                                                  |            |        |                   |            |



**Lamps** (see page 332–333)

HIT-TC-CE

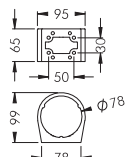
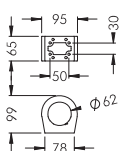


HIT-TC-CE



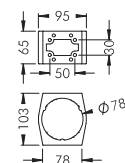
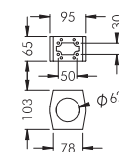
HIT-CE



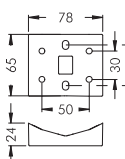


#### Accessories for Fluxa Mini G

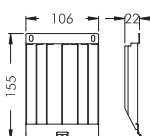
| Part number          | Colour      | Description                                            |
|----------------------|-------------|--------------------------------------------------------|
| <b>122 0 207 940</b> | black       | <b>Pole mount fitter Ø 60 mm,</b><br>for one luminaire |
| <b>122 0 207 960</b> | white       |                                                        |
| <b>122 0 207 950</b> | silver grey |                                                        |
| <b>122 0 217 940</b> | black       | <b>Pole mount fitter Ø 76 mm,</b><br>for one luminaire |
| <b>122 0 217 960</b> | white       |                                                        |
| <b>122 0 217 950</b> | silver grey |                                                        |



| Part number          | Colour      | Description                                             |
|----------------------|-------------|---------------------------------------------------------|
| <b>122 0 208 940</b> | black       | <b>Pole mount fitter Ø 60 mm,</b><br>for two luminaires |
| <b>122 0 208 960</b> | white       |                                                         |
| <b>122 0 208 950</b> | silver grey |                                                         |
| <b>122 0 218 940</b> | black       | <b>Pole mount fitter Ø 76 mm,</b><br>for two luminaires |
| <b>122 0 218 960</b> | white       |                                                         |
| <b>122 0 218 950</b> | silver grey |                                                         |

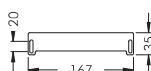


| Part number          | Colour      | Description                                                             |
|----------------------|-------------|-------------------------------------------------------------------------|
| <b>122 0 209 940</b> | black       | <b>Pole adapter</b><br>for one luminaire, for pole diameter 80 – 110 mm |
| <b>122 0 209 960</b> | white       |                                                                         |
| <b>122 0 209 950</b> | silver grey |                                                                         |

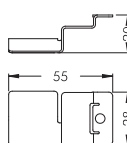


#### Accessories for Fluxa Mini G, HIT 20/35 W, asymmetrical beam

| Part number          | Description                                        |
|----------------------|----------------------------------------------------|
| <b>122 0 210 000</b> | <b>Louvre</b> , internally fitted, to reduce glare |

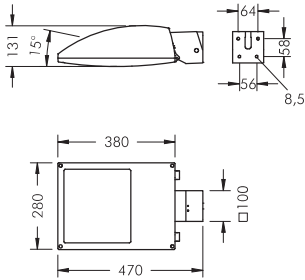


| Part number          | Description                                                                             |
|----------------------|-----------------------------------------------------------------------------------------|
| <b>122 0 211 000</b> | <b>Glare shield</b> , adjustable 16 mm, to prevent glare from light reflected backwards |



#### Accessories for Fluxa Mini G, HIT 20/35 W, wide beam

| Part number          | Description                                                        |
|----------------------|--------------------------------------------------------------------|
| <b>122 0 212 000</b> | <b>Glare shield</b> , to prevent glare from direct light from lamp |

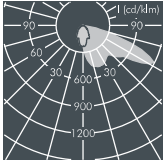
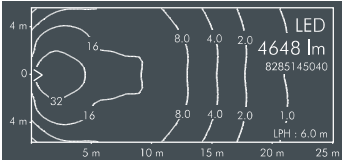


**Fluxa AG LED**

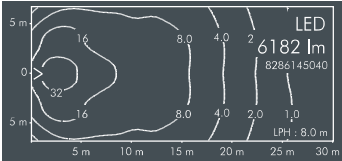
With high performance LED module (Zhaga), integral temperature monitoring device, protection class I, IP65  , IK08 windage area AW 0.11 m<sup>2</sup> die cast aluminium housing, polyester powder coated, aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, 4 stainless steel screws, hinged front frame, adjustable bracket assembly:  
2 drilled holes Ø 8.5 mm, spacing 64 mm,  
2 drilled holes Ø 8.5 mm, spacing 56 mm,  
tilt range 15°, M20 cable gland, integral driver

**Fluxa AG LED, asymmetrical beam**

| Part number          | Colour      | Light source           | Weight | Main beam angle γ |
|----------------------|-------------|------------------------|--------|-------------------|
| <b>8 285 145 049</b> | black       | 1 x LED module 52 W    | 6.2 kg | 63°               |
| <b>8 285 165 049</b> | white       | neutral white (4000 K) |        |                   |
| <b>8 285 155 049</b> | silver grey |                        |        |                   |

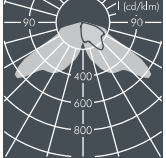
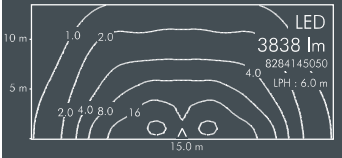


| Part number          | Colour      | Light source           | Weight | Main beam angle γ |
|----------------------|-------------|------------------------|--------|-------------------|
| <b>8 286 145 049</b> | black       | 1 x LED module 69 W    | 6.2 kg | 63°               |
| <b>8 286 165 049</b> | white       | neutral white (4000 K) |        |                   |
| <b>8 286 155 049</b> | silver grey |                        |        |                   |

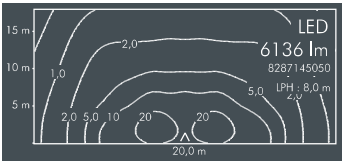


**Fluxa AG LED, wide beam**

| Part number          | Colour      | Light source           | Weight | Half beam angle γ       |
|----------------------|-------------|------------------------|--------|-------------------------|
|                      |             |                        |        | C 0 – 180    C 90 – 270 |
| <b>8 284 145 059</b> | black       | 2 x LED module 21 W    | 6.2 kg | 121°    139°            |
| <b>8 284 165 059</b> | white       | neutral white (4000 K) |        |                         |
| <b>8 284 155 059</b> | silver grey |                        |        |                         |



| Part number          | Colour      | Light source           | Weight | Half beam angle γ       |
|----------------------|-------------|------------------------|--------|-------------------------|
|                      |             |                        |        | C 0 – 180    C 90 – 270 |
| <b>8 287 145 059</b> | black       | 2 x LED module 33 W    | 6,2 kg | 121°    139°            |
| <b>8 287 165 059</b> | white       | neutral white (4000 K) |        |                         |
| <b>8 287 155 059</b> | silver grey |                        |        |                         |

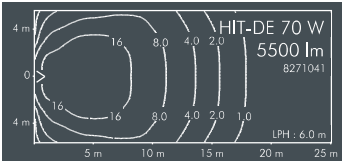


| Part number      | Description                                                    |
|------------------|----------------------------------------------------------------|
| <b>... 6 ...</b> | <b>Luminaire with warm white LED module (3000 K)</b>           |
| <b>... 1 ..</b>  | <b>Dimmable luminaire*</b><br><b>DALI / StepDIM / AstroDIM</b> |

\* Light control options see page 207

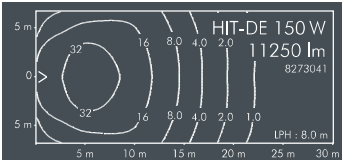
**Lux level comparison HIT-DE 70 W / LED 52 W, asymmetrical beam**

HIT-DE 70 W: 4.5 lux average level  
LED 52 W: 7 lux average level



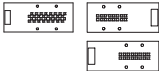
**Lux level comparison HIT-DE 150 W / LED 69 W, asymmetrical beam**

HIT-DE 150 W: 9 lux average level  
LED 69 W: 8 lux average level



**LED** (see page 334)

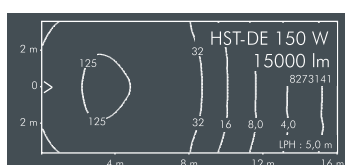
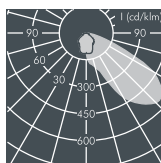
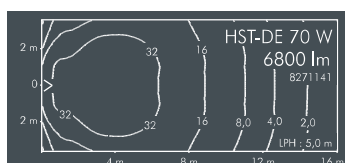
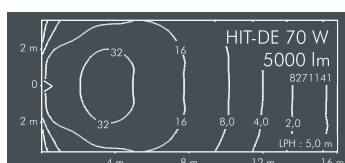
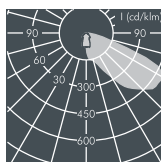
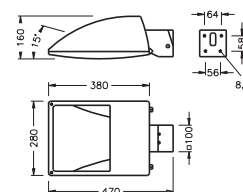
LEDs, replacement modules available



## Fluxa AG

For metal halide lamps (HIT-DE),  
ceramic metal halide lamps (HIT-DE-CE),  
high pressure sodium lamps (HST-DE) and  
halogen lamps (QT-DE 12)  
protection class I, IP65   , IK08  
windage area AW 0.11 m<sup>2</sup>

die cast aluminium housing, polyester powder  
coated, asymmetrical high gloss aluminium reflector,  
all exterior steel parts are stainless steel, tempered  
safety glass, silicon gasket, closure with 4 stainless  
steel screws, hinged front frame, adjustable bracket  
assembly: 2 drilled holes Ø 8.5 mm,  
spacing 64 mm, 2 drilled holes Ø 8.5 mm,  
spacing 56 mm, tilt range 15°, M20 cable gland,  
integral LPF ballast and ignitor, HPF available on  
request (see page 330), supplied without lamp



### Fluxa AG 70 W, asymmetrical beam

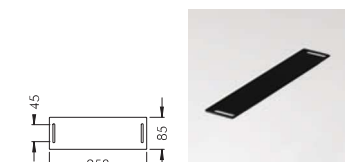
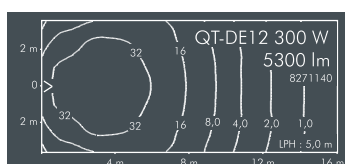
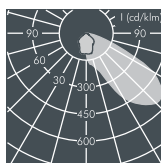
| Part number          | Colour      | Lamp           | Lampholder | Weight | Main beam angle ° |
|----------------------|-------------|----------------|------------|--------|-------------------|
| <b>8 271 141 009</b> | black       | HIT-DE 70 W    | Rx7s       | 8.5 kg | 60°               |
| <b>8 271 161 009</b> | white       | HIT-DE-CE 70 W |            |        |                   |
| <b>8 271 151 009</b> | silver grey | HST-DE 70 W    |            |        |                   |

### Fluxa AG 150 W, asymmetrical beam

| Part number          | Colour      | Lamp            | Lampholder | Weight | Main beam angle ° |
|----------------------|-------------|-----------------|------------|--------|-------------------|
| <b>8 273 141 009</b> | black       | HIT-DE 150 W    | Rx7s       | 9.0 kg | 45°               |
| <b>8 273 161 009</b> | white       | HIT-DE-CE 150 W |            |        |                   |
| <b>8 273 151 009</b> | silver grey | HST-DE 150 W    |            |        |                   |

### Fluxa AG 70 W, asymmetrical beam

| Part number          | Description         |
|----------------------|---------------------|
| <b>. . . . . 1 .</b> | <b>Luminaire</b>    |
|                      | in class II version |



### Fluxa AG 300 W, asymmetrical beam

| Part number          | Colour      | Lamp        | Lampholder | Weight | Main beam angle ° |
|----------------------|-------------|-------------|------------|--------|-------------------|
| <b>8 271 140 009</b> | black       | QT-DE 12    | R7s        | 7.0 kg | 60°               |
| <b>8 271 160 009</b> | white       | up to 300 W |            |        |                   |
| <b>8 271 150 009</b> | silver grey |             |            |        |                   |

### Accessories for Fluxa A

| Part number          | Description                                                                             |
|----------------------|-----------------------------------------------------------------------------------------|
| <b>232 0 150 000</b> | <b>Glare shield</b> , adjustable 45 mm, to prevent glare from light reflected backwards |

**Lamps** (see page 332–333)

HIT-DE



HIT-DE-CE

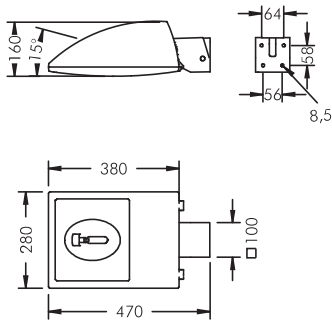


HST-DE



QT-DE 12



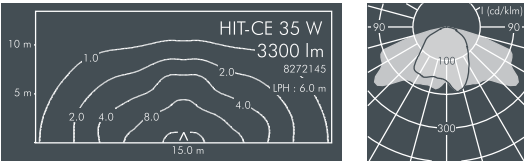


**Fluxa AG, wide beam**

For metal halide lamps (HIT), ceramic metal halide lamps (HIT-CE), protection class I, IP65  , IK08 windage area AW 0.11 m<sup>2</sup> die cast aluminium housing, polyester powder coated, high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, hinged front frame, adjustable bracket assembly: 2 drilled holes Ø 8.5 mm, spacing 64 mm, 2 drilled holes Ø 8.5 mm, spacing 56 mm, tilt range 15°, M20 cable gland, integral LPF ballast and ignitor, HPF available on request (see page 330), supplied without lamp

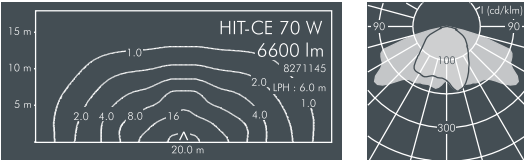
**Fluxa AG 35 W, wide beam**

| Part number   | Colour      | Lamp        | Lampholder | Weight | Half beam angle γ |            |
|---------------|-------------|-------------|------------|--------|-------------------|------------|
| 8 272 145 009 | black       | HIT-CE 35 W | G12        | 8.5 kg | C 0 – 180         | C 90 – 270 |
| 8 272 165 009 | white       |             |            |        | 82°               | 145°       |
| 8 272 155 009 | silver grey |             |            |        |                   |            |



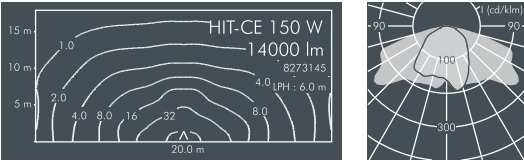
**Fluxa AG 70 W, wide beam**

| Part number   | Colour      | Lamp     | Lampholder | Weight | Half beam angle γ |            |
|---------------|-------------|----------|------------|--------|-------------------|------------|
| 8 271 145 009 | black       | HIT 70 W | G12        | 8.5 kg | C 0 – 180         | C 90 – 270 |
| 8 271 165 009 | white       |          |            |        | 82°               | 145°       |
| 8 271 155 009 | silver grey |          |            |        |                   |            |



**Fluxa AG 150 W, wide beam**

| Part number   | Colour      | Lamp      | Lampholder | Weight | Half beam angle γ |            |
|---------------|-------------|-----------|------------|--------|-------------------|------------|
| 8 273 145 009 | black       | HIT 150 W | G12        | 9 kg   | C 0 – 180         | C 90 – 270 |
| 8 273 165 009 | white       |           |            |        | 82°               | 145°       |
| 8 273 155 009 | silver grey |           |            |        |                   |            |

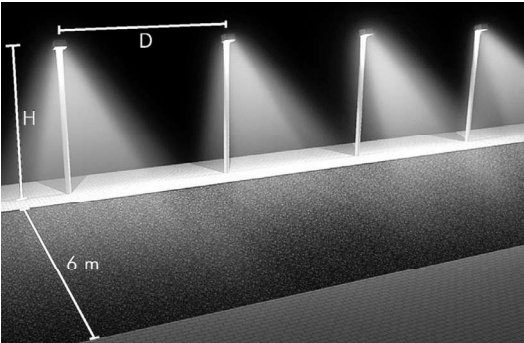


**Fluxa AG 35/70/150 W, wide beam**

| Part number   | Description                             |
|---------------|-----------------------------------------|
| • • • • • 1 • | <b>Luminaire</b><br>in class II version |

**Typical illumination levels and uniformity values**

|          | HIT / HIT-CE |       |       |
|----------|--------------|-------|-------|
|          | 35 W         | 70 W  | 150 W |
| H        | 5 m          | 6 m   | 8 m   |
| D        | 20 m         | 24 m  | 32 m  |
| D/H      | 4            | 4     | 4     |
| Eav      | 7 lx         | 11 lx | 14 lx |
| Emin/Eav | 0.36         | 0.38  | 0.38  |



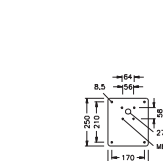
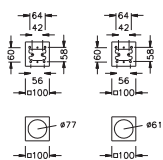
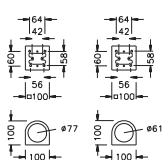
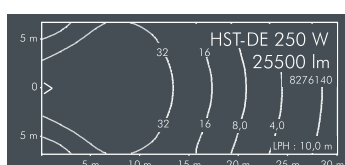
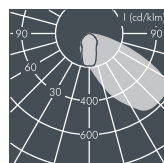
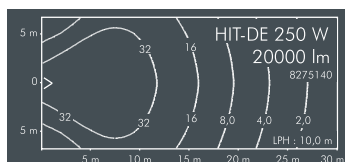
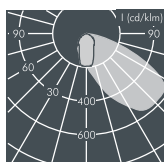
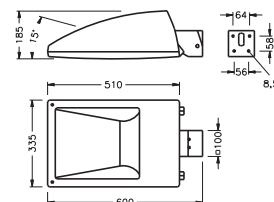
**Lamps** (see page 332–333)





## Fluxa BG

For metal halide lamps (HIT-DE) and high pressure sodium lamps (HST-DE) protection class I, IP54 , IK09 windage area AW 0.19 m<sup>2</sup> cast aluminium housing, polyester powder coated, asymmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 2 stainless steel screws, hinged front frame, adjustable bracket assembly: 2 drilled holes Ø 8.5 mm, spacing 64 mm, 2 drilled holes Ø 8.5 mm, spacing 56 mm, tilt range 15°, M20 cable gland, integral LPF ballast and ignitor, HPF available on request (see page 330), supplied without lamp



Lamps (see page 332–333)

HIT-DE



HST-DE



### Fluxa BG 250 W, HIT-DE

| Part number          | Colour      | Lamp         | Lampholder | Weight  | Main beam angle ° |
|----------------------|-------------|--------------|------------|---------|-------------------|
| <b>8 275 140 009</b> | black       | HIT-DE 250 W | Fc2        | 14.0 kg | 45°               |
| <b>8 275 150 009</b> | silver grey |              |            |         |                   |

### Fluxa BG 250 W, HST-DE

| Part number          | Colour      | Lamp         | Lampholder | Weight  | Main beam angle ° |
|----------------------|-------------|--------------|------------|---------|-------------------|
| <b>8 276 140 009</b> | black       | HST-DE 250 W | Fc2        | 14.0 kg | 45°               |
| <b>8 276 150 009</b> | silver grey |              |            |         |                   |

### Accessories for Fluxa AG, AG LED and BG

| Part number          | Colour      | Description                                                  |
|----------------------|-------------|--------------------------------------------------------------|
| <b>127 0 181 940</b> | black       | <b>Pole top fitter for pole Ø 60 mm</b><br>for one luminaire |
| <b>127 0 181 960</b> | white       |                                                              |
| <b>127 0 181 950</b> | silver grey |                                                              |
| <b>127 0 081 940</b> | black       | <b>Pole top fitter for pole Ø 76 mm</b><br>for one luminaire |
| <b>127 0 081 960</b> | white       |                                                              |
| <b>127 0 081 950</b> | silver grey |                                                              |

| Part number          | Colour      | Description                                                   |
|----------------------|-------------|---------------------------------------------------------------|
| <b>127 0 182 940</b> | black       | <b>Pole top fitter for pole Ø 60 mm</b><br>for two luminaires |
| <b>127 0 182 960</b> | white       |                                                               |
| <b>127 0 182 950</b> | silver grey |                                                               |
| <b>127 0 082 940</b> | black       | <b>Pole top fitter for pole Ø 76 mm</b><br>for two luminaires |
| <b>127 0 082 960</b> | white       |                                                               |
| <b>127 0 082 950</b> | silver grey |                                                               |

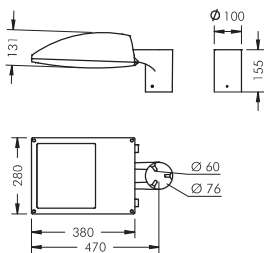
| Part number          | Colour      | Lamp                                                                                                                                   |
|----------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>122 0 134 940</b> | black       | <b>Wall plate G*</b> , for one luminaire Fluxa AG, BG, aluminium, polyester powder coated, for additional support on unstable surfaces |
| <b>122 0 134 960</b> | white       |                                                                                                                                        |
| <b>122 0 134 950</b> | silver grey |                                                                                                                                        |

\* Without the wall plate, stable installation is only possible on hard surfaces, e.g. metal. For installation on all normal surfaces, e.g. masonry, brick walls etc., the wall plate should be used.

### Accessories only for Fluxa BG

| Part number          | Description                                                                                          |
|----------------------|------------------------------------------------------------------------------------------------------|
| <b>232 0 116 000</b> | <b>Glare shield 322 x 85 mm</b><br>adjustable 45 mm, to prevent glare from light reflected backwards |





**Fluxa A LED,  
pole top luminaire, single configuration**

With high performance LED module (Zhaga), integral temperature monitoring device, protection class I, IP65  , IK08 windage area AW 0.11 m<sup>2</sup> die cast aluminium housing, polyester powder coated, aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, 4 stainless steel screws, hinged front frame, with pole top fitter for 1 luminaire, for poles Ø 60/76 mm, M20 cable gland, with 8 M cable H05RN-F3G1, integral driver

**Fluxa A LED pole top luminaire, single configuration, asymmetrical beam**

| Part number          | Colour      | Light source           | Weight | Main beam angle γ |
|----------------------|-------------|------------------------|--------|-------------------|
| <b>8 285 345 049</b> | black       | 1 x LED module 52 W    | 6.6 kg | 63°               |
| <b>8 285 365 049</b> | white       | neutral white (4000 K) |        |                   |
| <b>8 285 355 049</b> | silver grey |                        |        |                   |

| Part number          | Colour      | Light source           | Weight | Main beam angle γ |
|----------------------|-------------|------------------------|--------|-------------------|
| <b>8 286 345 049</b> | black       | 1 x LED module 69 W    | 6.6 kg | 63°               |
| <b>8 286 365 049</b> | white       | neutral white (4000 K) |        |                   |
| <b>8 286 355 049</b> | silver grey |                        |        |                   |

**Fluxa A LED pole top luminaire, single configuration, wide beam**

| Part number          | Colour      | Light source           | Weight | Half beam angle γ       |
|----------------------|-------------|------------------------|--------|-------------------------|
|                      |             |                        |        | C 0 – 180    C 90 – 270 |
| <b>8 284 345 059</b> | black       | 2 x LED module 21 W    | 6.6 kg | 121°    139°            |
| <b>8 284 365 059</b> | white       | neutral white (4000 K) |        |                         |
| <b>8 284 355 059</b> | silver grey |                        |        |                         |

| Part number          | Colour      | Light source           | Weight | Half beam angle γ       |
|----------------------|-------------|------------------------|--------|-------------------------|
|                      |             |                        |        | C 0 – 180    C 90 – 270 |
| <b>8 287 345 059</b> | black       | 2 x LED module 33 W    | 6,6 kg | 121°    139°            |
| <b>8 287 365 059</b> | white       | neutral white (4000 K) |        |                         |
| <b>8 287 355 059</b> | silver grey |                        |        |                         |

| Part number            | Description                                              |
|------------------------|----------------------------------------------------------|
| <b>... . . 6 . . .</b> | <b>Luminaire with warm white LED module (3000 K)</b>     |
| <b>... . . . 1 . .</b> | <b>Dimmable luminaire*<br/>DALI / StepDIM / AstroDIM</b> |

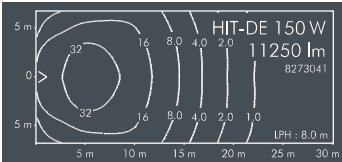
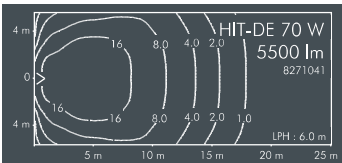
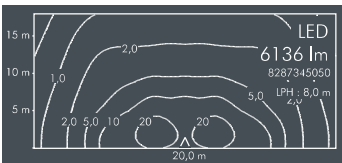
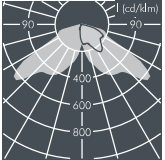
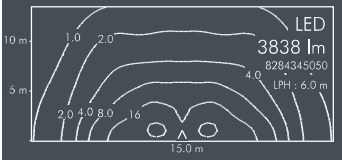
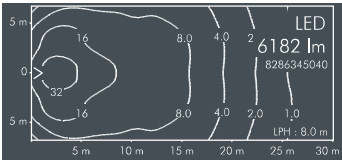
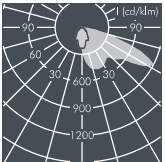
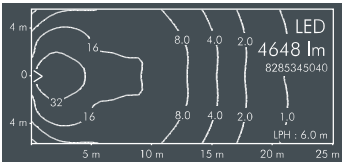
\* Light control options see page 207

**Lux level comparison HIT-DE 70 W / LED 52 W, asymmetrical beam**

HIT-DE 70 W: 4.5 lux average level  
LED 52 W: 7 lux average level

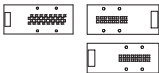
**Lux level comparison HIT-DE 150 W / LED 69 W, asymmetrical beam**

HIT-DE 150 W: 9 lux average level  
LED 69 W: 8 lux average level



LED (see page 334)

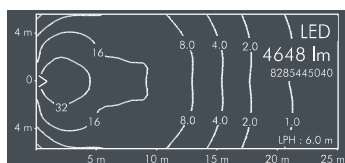
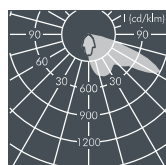
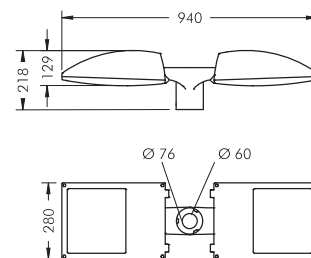
LEDs, replacement modules available



## Fluxa A LED, pole top luminaire, double configuration

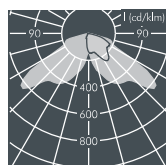
With high performance LED modules (Zhaga),  
integral temperature monitoring device,  
protection class I, IP65  , IK08  
windage area A<sub>W</sub> 0.22 m<sup>2</sup>

die cast aluminium housing, polyester powder coated,  
aluminium reflector, all exterior steel parts are  
stainless steel, tempered safety glass, silicon gasket,  
2 x 4 stainless steel screws, hinged front frame,  
with pole top fitter for 2 luminaires,  
for poles Ø 60/76 mm, M20 cable gland,  
with 8 M cable HO5RN-F3G1, integral driver



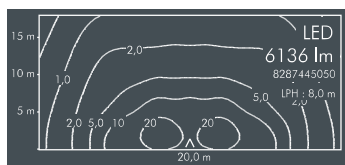
### Fluxa A LED pole top luminaire, double configuration, asymmetrical beam

| Part number          | Colour      | Light source           | Weight  | Main beam angle γ |
|----------------------|-------------|------------------------|---------|-------------------|
| <b>8 285 445 049</b> | black       | 2 x 1 LED module 52 W  | 12.3 kg | 63°               |
| <b>8 285 465 049</b> | white       | neutral white (4000 K) |         |                   |
| <b>8 285 455 049</b> | silver grey |                        |         |                   |



### Fluxa A LED pole top luminaire, double configuration, wide beam

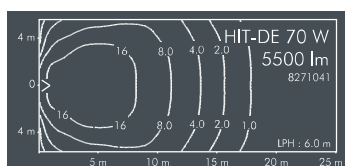
| Part number          | Colour      | Light source           | Weight  | Half beam angle γ    |
|----------------------|-------------|------------------------|---------|----------------------|
|                      |             |                        |         | C 0 – 180 C 90 – 270 |
| <b>8 284 445 059</b> | black       | 2 x 2 LED module 21 W  | 12.3 kg | 121° 139°            |
| <b>8 284 465 059</b> | white       | neutral white (4000 K) |         |                      |
| <b>8 284 455 059</b> | silver grey |                        |         |                      |



| Part number          | Colour      | Leuchtmittel           | Weight  | Half beam angle γ    |
|----------------------|-------------|------------------------|---------|----------------------|
|                      |             |                        |         | C 0 – 180 C 90 – 270 |
| <b>8 287 445 059</b> | black       | 2 x 2 LED module 33 W  | 12.3 kg | 121° 139°            |
| <b>8 287 465 059</b> | white       | neutral white (4000 K) |         |                      |
| <b>8 287 455 059</b> | silver grey |                        |         |                      |

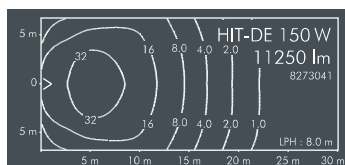
| Part number      | Description                                                    |
|------------------|----------------------------------------------------------------|
| <b>... 6 ...</b> | <b>Luminaire with warm white LED module (3000 K)</b>           |
| <b>... 1 ..</b>  | <b>Dimmable luminaire*</b><br><b>DALI / StepDIM / AstroDIM</b> |

\* Light control options see page 207



### Lux level comparison HIT-DE 70 W / LED 52 W, asymmetrical beam

HIT-DE 70 W: 4.5 lux average level  
LED 52 W: 7 lux average level

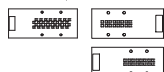


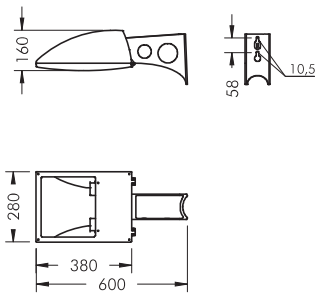
### Lux level comparison HIT-DE 150 W / LED 69 W, asymmetrical beam

HIT-DE 150 W: 9 lux average level  
LED 69 W: 8 lux average level

LED (see page 334)

LEDs, replacement modules available



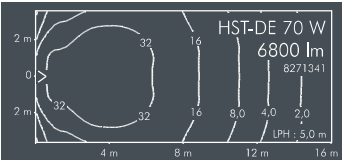
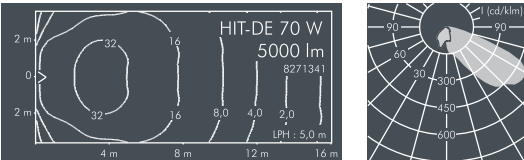


**Fluxa A - with arm**

For metal halide lamps (HIT-DE)  
Ceramic metal halide lamps (HIT-DE-CE)  
High pressure sodium lamp (HST-DE) and  
Halogen lamps (QT-DE 12)  
protection class I, IP65   , IK08  
windage area AW 0.11 m<sup>2</sup>  
die cast aluminium housing, polyester powder  
coated, asymmetrical high gloss aluminium  
reflector, all exterior steel parts are stainless steel,  
tempered safety glass, silicon gasket, closure with  
4 stainless steel screws, hinged front frame, 230 mm  
arm, 2 drilled holes Ø 10.5, spacing 58 mm,  
M20 cable gland, integral LPF ballast and ignitor,  
HPF available on request (see page 330),  
supplied without lamp

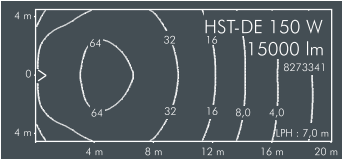
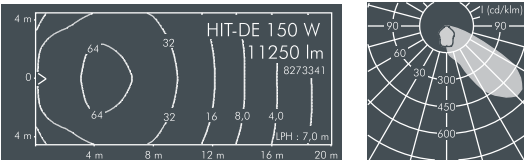
**Fluxa A - with arm 70 W, asymmetrical beam**

| Part number          | Colour      | Lamp           | Lampholder | Weight | Main beam angle γ |
|----------------------|-------------|----------------|------------|--------|-------------------|
| <b>8 271 341 009</b> | black       | HIT-DE 70 W    | Rx7s       | 9.0 kg | 60°               |
| <b>8 271 361 009</b> | white       | HIT-DE-CE 70 W |            |        |                   |
| <b>8 271 351 009</b> | silver grey | HST-DE 70 W    |            |        |                   |



**Fluxa A - with arm 150 W, asymmetrical beam**

| Part number          | Colour      | Lamp            | Lampholder | Weight | Main beam angle γ |
|----------------------|-------------|-----------------|------------|--------|-------------------|
| <b>8 273 341 009</b> | black       | HIT-DE 150 W    | Rx7s       | 9.5 kg | 45°               |
| <b>8 273 361 009</b> | white       | HIT-DE-CE 150 W |            |        |                   |
| <b>8 273 351 009</b> | silver grey | HST-DE 150 W    |            |        |                   |

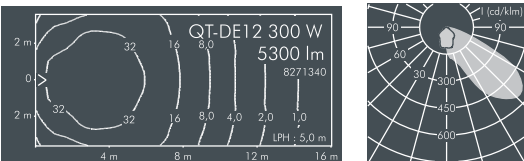


**Fluxa A - with arm 70 W, asymmetrical beam**

| Part number      | Description                             |
|------------------|-----------------------------------------|
| <b>... .. 1.</b> | <b>Luminaire</b><br>in class II version |

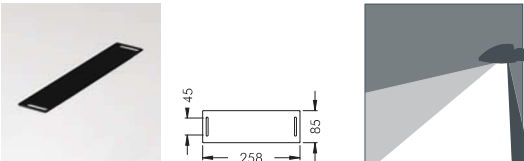
**Fluxa A - with arm 300 W, asymmetrical beam**

| Part number          | Colour      | Lamp                    | Lampholder | Weight | Main beam angle γ |
|----------------------|-------------|-------------------------|------------|--------|-------------------|
| <b>8 271 340 009</b> | black       | QT-DE 12<br>up to 300 W | R7s        | 7.5 kg | 60°               |
| <b>8 271 360 009</b> | white       |                         |            |        |                   |
| <b>8 271 350 009</b> | silver grey |                         |            |        |                   |

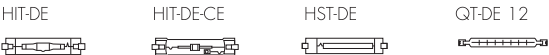


**Accessories for Fluxa A - with arm**

| Part number          | Description                                                                                                       |
|----------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>232 0 150 000</b> | <b>Glare shield 285 x 85 mm,</b><br>continuously adjustable 45 mm, to reduce glare from light reflected backwards |



**Lamps** (see page 332-333)



## Fluxa A - with arm, wide beam

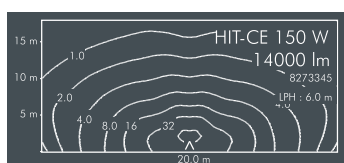
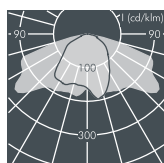
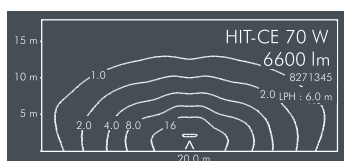
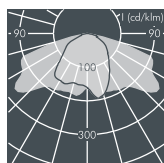
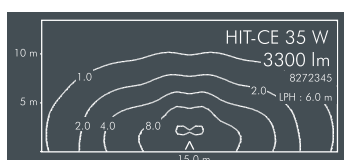
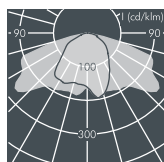
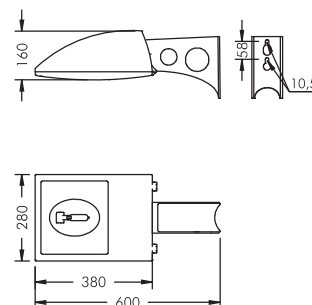
For metal halide lamps (HIT-DE)

Ceramic metal halide lamps (HIT-DE-CE)

Protection class I, IP65  , IK08

Windage area AW 0.11m<sup>2</sup>

die cast aluminium housing, polyester powder coated, wide beam high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, hinged front frame, 230 mm arm, 2 drilled holes Ø 10.5, spacing 58 mm, M20 cable gland, integral LPF ballast and ignitor, HPF available on request (see page 330), supplied without lamp



### Fluxa A - with arm 35 W, wide beam

| Part number          | Colour      | Lamp        | Lampholder | Weight | Half beam angle γ |            |
|----------------------|-------------|-------------|------------|--------|-------------------|------------|
| <b>8 272 345 009</b> | black       | HIT-CE 35 W | G12        | 9.0 kg | C 0 – 180         | C 90 – 270 |
| <b>8 272 365 009</b> | white       |             |            |        | 82°               | 145°       |
| <b>8 272 355 009</b> | silver grey |             |            |        |                   |            |

### Fluxa A - with arm 70 W, wide beam

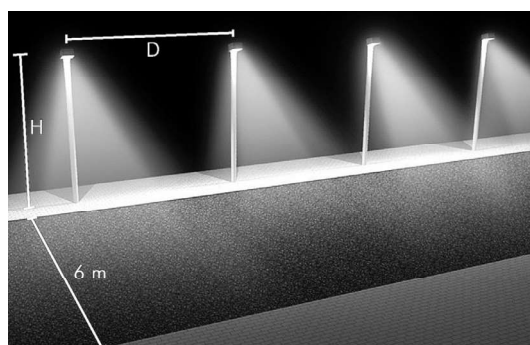
| Part number          | Colour      | Lamp        | Lampholder | Weight | Half beam angle γ |            |
|----------------------|-------------|-------------|------------|--------|-------------------|------------|
| <b>8 271 345 009</b> | black       | HIT 70 W    | G12        | 9.0 kg | C 0 – 180         | C 90 – 270 |
| <b>8 271 365 009</b> | white       | HIT-CE 70 W |            |        | 82°               | 145°       |
| <b>8 271 355 009</b> | silver grey |             |            |        |                   |            |

### Fluxa A - with arm 150 W, wide beam

| Part number          | Colour      | Lamp         | Lampholder | Weight | Half beam angle γ |            |
|----------------------|-------------|--------------|------------|--------|-------------------|------------|
| <b>8 273 345 009</b> | black       | HIT 150 W    | G12        | 9.5 kg | C 0 – 180         | C 90 – 270 |
| <b>8 273 365 009</b> | white       | HIT-CE 150 W |            |        | 82°               | 145°       |
| <b>8 273 355 009</b> | silver grey |              |            |        |                   |            |

### Fluxa A - with arm 35/70/150 W, wide beam

| Part number            | Description                             |
|------------------------|-----------------------------------------|
| <b>• • • • • . 1 .</b> | <b>Luminaire</b><br>in class II version |



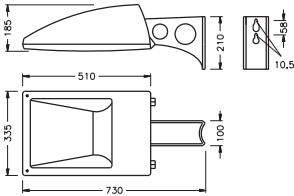
**Lamps** (see page 332–333)

HIT                      HIT-CE



### Typical illumination levels and uniformity values

|                                       | HIT / HIT-CE |       |       |
|---------------------------------------|--------------|-------|-------|
|                                       | 35 W         | 70 W  | 150 W |
| <b>H</b>                              | 5 m          | 6 m   | 8 m   |
| <b>D</b>                              | 20 m         | 24 m  | 32 m  |
| <b>D/H</b>                            | 4            | 4     | 4     |
| <b>E<sub>av</sub></b>                 | 7 lx         | 11 lx | 14 lx |
| <b>E<sub>min</sub>/E<sub>av</sub></b> | 0.36         | 0.38  | 0.38  |

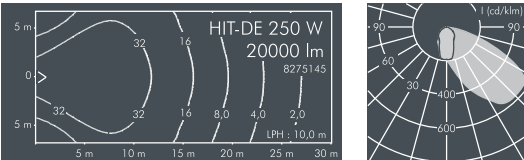


Fluxa B - with arm

For metal halide lamps (HIT-DE) and high pressure sodium lamps (HST-DE) protection class I, IP54 , IK09 windage area AW 0.19 m<sup>2</sup> cast aluminium housing, polyester powder coated, asymmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 2 stainless steel screws, hinged front frame, arm 230 mm, 2 drilled holes Ø 10.5 mm, spacing 58 mm, M20 cable gland, integral LPF ballast and ignitor, HPF available on request (see page 330), supplied without lamp

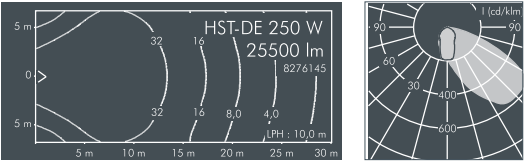
Fluxa B - with arm 250 W, HIT-DE

| Part number   | Colour      | Lamp         | Lampholder | Weight | Main beam angle γ |
|---------------|-------------|--------------|------------|--------|-------------------|
| 8 275 145 009 | black       | HIT-DE 250 W | Fc2        | 14 kg  | 45°               |
| 8 275 155 009 | silver grey |              |            |        |                   |



Fluxa B - with arm 250 W, HST-DE

| Part number   | Colour      | Lamp         | Lampholder | Weight | Main beam angle γ |
|---------------|-------------|--------------|------------|--------|-------------------|
| 8 276 145 009 | black       | HST-DE 250 W | Fc2        | 14 kg  | 45°               |
| 8 276 155 009 | silver grey |              |            |        |                   |



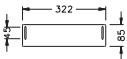
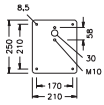
Accessories for Fluxa B - with arm and C - with arm

| Part number   | Colour      | Description                                                                                                                            |
|---------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 122 0 133 940 | black       | <b>Wall plate C*</b> , for one luminaire Fluxa BA, CA, aluminium, polyester powder coated, for additional support on unstable surfaces |
| 122 0 133 950 | silver grey |                                                                                                                                        |

\* Without the wall plate, stable installation is only possible on hard surfaces, e.g. metal. For installation on all normal surfaces, e.g. masonry, brick walls etc., the wall plate should be used.

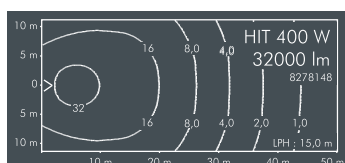
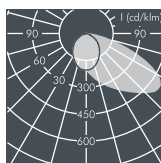
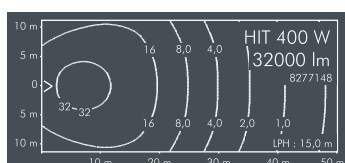
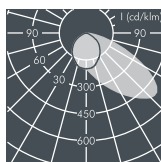
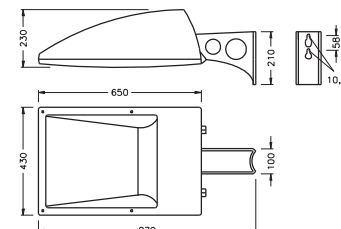
Accessories only for Fluxa B - with arm

| Part number   | Description                                                                               |
|---------------|-------------------------------------------------------------------------------------------|
| 232 0 116 000 | <b>Glare shield,</b><br>adjustable 45 mm, to prevent glare from light reflected backwards |



## Fluxa C - with arm

For metal halide lamps (HIT) and high pressure sodium lamps (HST)  
 protection class I, IP54   
 windage area AW 0.3 m<sup>2</sup>  
 cast aluminium housing, polyester powder coated,  
 asymmetrical high gloss aluminium reflector,  
 all exterior steel parts are stainless steel, tempered  
 safety glass, silicon gasket, closure with 4 stainless  
 steel screws, hinged front frame, arm 230 mm,  
 2 drilled holes Ø 10.5 mm, spacing 58 mm,  
 cable gland M20, integral LPF ballast and ignitor,  
 HPF ballast available (see page 330),  
 supplied without lamp

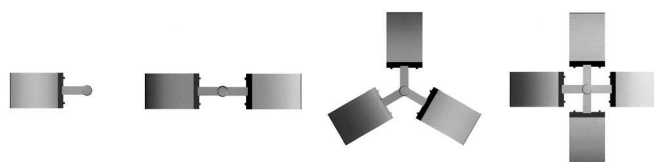
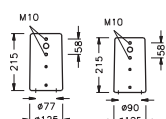
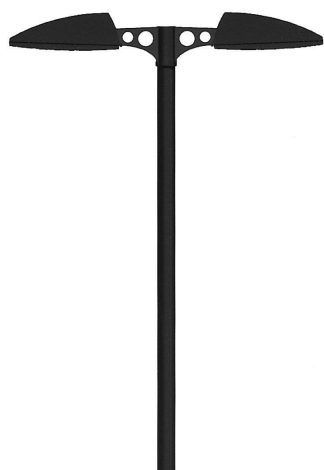


### Fluxa C - with arm 400 W, HIT, lamp operating current up to 3.6 A

| Part number          | Colour      | Lamp                               | Lampholder | Weight  | Main beam angle γ |
|----------------------|-------------|------------------------------------|------------|---------|-------------------|
| <b>8 277 148 009</b> | black       | HIT 400 W                          | E40        | 23.0 kg | 50°               |
| <b>8 277 158 009</b> | silver grey | lamp operating current up to 3.6 A |            |         |                   |

### Fluxa C - with arm 400 W, HIT/HST, lamp operating current up to 4.4 A

| Part number          | Colour      | Lamp                               | Lampholder | Weight  | Main beam angle γ |
|----------------------|-------------|------------------------------------|------------|---------|-------------------|
| <b>8 278 148 009</b> | black       | HIT 400 W, HST 400 W               | E40        | 23.0 kg | 55°               |
| <b>8 278 158 009</b> | silver grey | lamp operating current up to 4.4 A |            |         |                   |



### Accessories for Fluxa A -, B - and C - with arm

| Part number (Ø 76 mm) | Part number (Ø 89 mm) | Colour      | Version                 | Description                                                    |
|-----------------------|-----------------------|-------------|-------------------------|----------------------------------------------------------------|
| <b>122 0 141 940</b>  | <b>122 0 151 940</b>  | black       | <b>for 1 luminaire</b>  | <b>Pole top fitter*</b>                                        |
| <b>122 0 141 950</b>  | <b>122 0 151 950</b>  | silver grey | <b>for 2 luminaires</b> | aluminium, polyester powder coated, for poles Ø 76 and Ø 89 mm |
| <b>122 0 142 940</b>  | <b>122 0 152 940</b>  | black       | <b>for 3 luminaires</b> |                                                                |
| <b>122 0 142 950</b>  | <b>122 0 152 950</b>  | silver grey | <b>for 4 luminaires</b> |                                                                |
| <b>122 0 143 940</b>  | <b>122 0 153 940</b>  | black       |                         |                                                                |
| <b>122 0 143 950</b>  | <b>122 0 153 950</b>  | silver grey |                         |                                                                |
| <b>122 0 144 940</b>  | <b>122 0 154 940</b>  | black       |                         |                                                                |
| <b>122 0 144 950</b>  | <b>122 0 154 950</b>  | silver grey |                         |                                                                |

\* The choice of pole must be negotiated with the pole manufacturer and depends on the maximum permissible load of the pole in question. If necessary, a reducer should be used.

Lamps (see page 332–333)

HIT

HST

