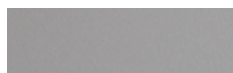


Sizes in cm



**Materials:** Powder-coated finish aluminium injection luminaire.  
Stainless steel safety screws.

**Finishes:**



Light grey  
(Other colours available to order)



Medium grey



Dark grey

**Sizes (cm):** Ø 42 x 8.5

**Weight (kg):** 6

**Surface exposed to wind (m²):** 0.02

**Installation:** Suitable for pole and wall attachment using a range of fastening accessories.  
Component delivered in two parts: luminaire and fastening attachments.  
(For further information log onto the website [urbidermis.com](http://urbidermis.com))

**Applicable standards:** UNE-EN 60529, UNE-EN 60598, UNE-EN 55015, UNE-EN 61000, UNE-EN 50102, UNE-EN 62031.

**Protections:** IP66 (protection from dust ingress and high-pressure water jets), suitable for wet locations, IK08 (protection against external mechanical impacts).

**Electrical rating:** Class I (CE)

**Light source:** High-efficiency optical unit with 18 LEDs or 36 LEDs

**Nominal lamp power (W):**

18 LEDs: 18 / 26 / 36

36 LEDs: 36 / 51 / 72

**System power (W):**

18 LEDs: 22 / 32 / 42

36 LEDs: 40 / 59 / 85

**Operating current (mA):** 350, 500 or 700

**Colour temperature (K°):** 3000 CRI min80, 4000 CRI tip70

**Power supply:** constant current driver.

**Regulation:**

1-10V / Dali / Header flux regulation / Programmable automatic regulation.

The LED luminaire may be regulated using a number of differing interfaces. These controls allow specific, individual control of light, reducing energy consumption in a sustainable manner.

Constant light output (CLO).

Assures a constant lumen output from the luminaire throughout its lifetime.

**Power factor (cos φ):**

| N° LEDs | Intensidad (mA) | P (W) 100% - CLO 100% |      |
|---------|-----------------|-----------------------|------|
| 18      | 350             | 22                    | 0.93 |
|         | 500             | 32                    | 0.95 |
|         | 700             | 42                    | 0.97 |
| 36      | 350             | 40                    | 0.9  |
|         | 500             | 59                    | 0.94 |
|         | 700             | 85                    | 0.96 |

**Operating voltage:** 220-240V 50Hz (CE)

**Wire:**

1 kV 3 x 2,5mm<sup>2</sup>

1 kV 5 x 1,5mm<sup>2</sup> (prog.)

**Temperature operating range Ta Ta (°C):** between -25 and 30 (700mA)

**Lifetime:** TM21 L70 (10k) > 60.000 h

Thanks to an optimised thermal design, the luminous flux is maintained up to 70% after 60,000 h.

Under exceptional cases when the ambient temperature is excessive, the output may be reduced using the (NTC) active control system that ensures the right operating temperature is maintained.

**Light distributions:**

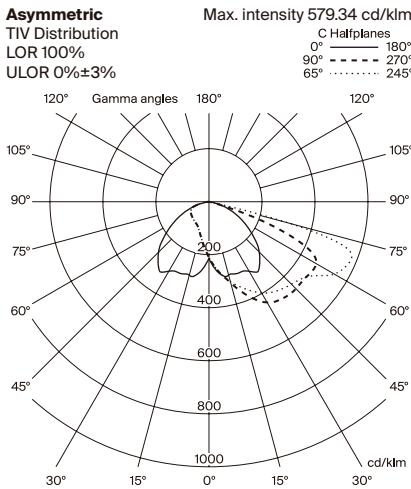
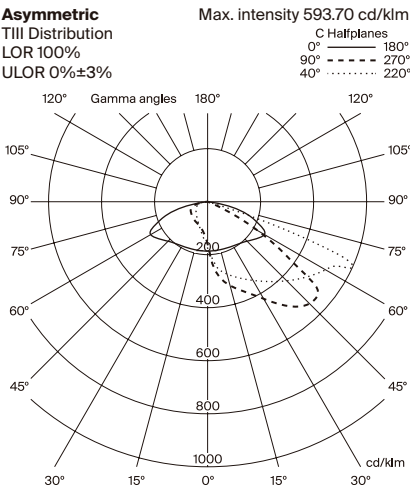
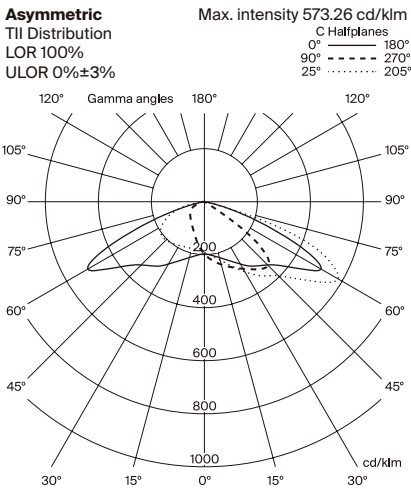
Asymmetric: Type II, Type III o Type IV (according to IESNA classification)

**Upper Light Output Ratio (ULOR%):** 0.60 – 0.88

**Configurations**

| Reference | N°LEDs | T°color (K)     | Current (mA) | Lamp power (W) | System power (W) | IESNA TII                    |                 | IESNA TIII                   |                 | IESNA TIV                    |                 |
|-----------|--------|-----------------|--------------|----------------|------------------|------------------------------|-----------------|------------------------------|-----------------|------------------------------|-----------------|
|           |        |                 |              |                |                  | Luminaire luminous flux (lm) | Efficacy (lm/W) | Luminaire luminous flux (lm) | Efficacy (lm/W) | Luminaire luminous flux (lm) | Efficacy (lm/W) |
| SPL18A1xx | 18     | 3000 IRC min 80 | 18           | 22             | 350              | 2039                         | 93              | 1949                         | 90              | 2036                         | 93              |
| SPL18B1xx |        |                 | 26           | 32             | 500              | 2738                         | 86              | 2617                         | 88              | 2869                         | 90              |
| SPL18C1xx |        |                 | 36           | 42             | 700              | 3613                         | 86              | 3453                         | 86              | 3714                         | 88              |
| SPL18A2xx |        | 4000 IRC typ 70 | 18           | 22             | 350              | 2398                         | 109             | 2292                         | 107             | 2402                         | 109             |
| SPL18B2xx |        |                 | 26           | 32             | 500              | 3220                         | 101             | 3077                         | 103             | 3384                         | 106             |
| SPL18C2xx |        |                 | 36           | 42             | 700              | 4249                         | 101             | 4061                         | 102             | 4382                         | 104             |
| SPL36A1xx | 36     | 3000 IRC min 80 | 36           | 40             | 350              | 3954                         | 99              | 3779                         | 94              | 3855                         | 96              |
| SPL36B1xx |        |                 | 51           | 59             | 500              | 5352                         | 91              | 5115                         | 89              | 5346                         | 91              |
| SPL36C1xx |        |                 | 72           | 85             | 700              | 6922                         | 81              | 6615                         | 80              | 6922                         | 81              |
| SPL36A2xx |        | 4000 IRC typ 70 | 36           | 40             | 350              | 4650                         | 116             | 4444                         | 111             | 4548                         | 114             |
| SPL36B2xx |        |                 | 51           | 59             | 500              | 6294                         | 107             | 6015                         | 102             | 6307                         | 107             |
| SPL36C2xx |        |                 | 72           | 85             | 700              | 8140                         | 96              | 7780                         | 92              | 8167                         | 96              |

\*Opal option -75% luminous flux



For calculation in ground type II (according to UNE-40) and wind speed of 29 m/s, with soil formed by loose or wet dirt or sand of medium compactness ( $E_0 = 4800 \text{ KN/m}^2$ ), with HM-20 concrete. Non- binding information. We advise to carry out checks for each situation.