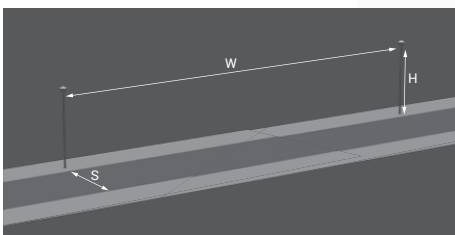


# COSMO DELTA LED



Lighting example



Local road

COSMO DELTA LED 72W, T2 optics

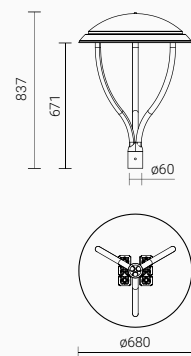
Parameters:

H - luminaire mounting height: 6 m

W - pole spacing: 35 m

S - road width: 6 m

Lighting class C3



**Application:** urban roads, residential streets, parks, pedestrian walkways

**Installation:** pole top mounted with  $\varnothing 60 \times 85$  mm ending

**Ingress protection:** IP 66 for the optical part and the driver

**Material:** anodised aluminium alloy

**Colour:** inox / black

**Optical system:** PMMA optics, interchangeable LED module

**Number of LEDs:** 24

**Expected useful lifetime:** L90F10 – 50 000 h, L80F20 – 100 000 h

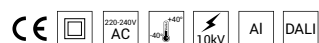
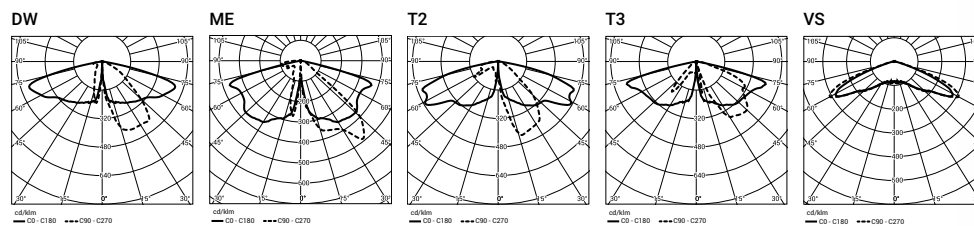
**CRI:** for 4000 K, 5000 K > 70, for 3500 K > 80

**Unit volume:** 0,32 m<sup>3</sup>

**Input voltage frequency:** 50/60 Hz

**Power factor:**  $\geq 0.95$

Luminaire COSMO DELTA LED has the possibility to connect to an external control system via DALI interface (optionally via analog signal 1-10 V).



| Code          | Name               | LED power | Luminaire power consumption | LED forward current | Colour temperature (CCT) | LEDs luminous flux | Luminaire luminous flux | Luminous efficacy | Luminaire net weight |
|---------------|--------------------|-----------|-----------------------------|---------------------|--------------------------|--------------------|-------------------------|-------------------|----------------------|
| 2148032/3/... | COSMO DELTA LED 36 | 36 W      | 44 W                        | 500 mA              | 3500 K                   | 5250 lm            | 4750 lm                 | 108 lm/W          | 11 kg                |
| 2148032/4/... | COSMO DELTA LED 36 | 36 W      | 44 W                        | 500 mA              | 4000 K                   | 5850 lm            | 4950 lm                 | 117 lm/W          | 11 kg                |
| 2148032/6/... | COSMO DELTA LED 36 | 36 W      | 44 W                        | 500 mA              | 5000 K                   | 6100 lm            | 5150 lm                 | 117 lm/W          | 11 kg                |
| 2148033/3/... | COSMO DELTA LED 48 | 48 W      | 56 W                        | 700 mA              | 3500 K                   | 7000 lm            | 6300 lm                 | 113 lm/W          | 11 kg                |
| 2148033/4/... | COSMO DELTA LED 48 | 48 W      | 56 W                        | 700 mA              | 4000 K                   | 7300 lm            | 6600 lm                 | 118 lm/W          | 11 kg                |
| 2148033/6/... | COSMO DELTA LED 48 | 48 W      | 56 W                        | 700 mA              | 5000 K                   | 8150 lm            | 6900 lm                 | 123 lm/W          | 11 kg                |
| 2148035/3/... | COSMO DELTA LED 72 | 72 W      | 80 W                        | 1000 mA             | 3500 K                   | 9400 lm            | 8500 lm                 | 106 lm/W          | 11 kg                |
| 2148035/4/... | COSMO DELTA LED 72 | 72 W      | 80 W                        | 1000 mA             | 4000 K                   | 10450 lm           | 8800 lm                 | 110 lm/W          | 11 kg                |
| 2148035/6/... | COSMO DELTA LED 72 | 72 W      | 80 W                        | 1000 mA             | 5000 K                   | 10950 lm           | 9250 lm                 | 116 lm/W          | 11 kg                |

/... Symbol of selected optical system