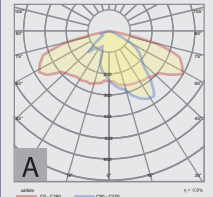




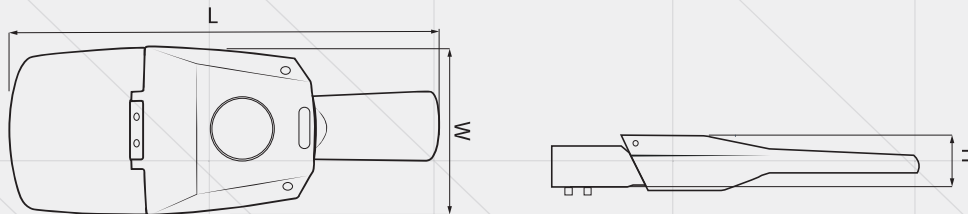
EVOCITYECO

EVOCITYECO lighting device is made of an aluminum cast body, with outer protection, corrosion protection treatment and UV resistant paint. **EVOCITYECO** products can have values between 30W and 50W, depending on the number of LED modules. The luminaires have a safety glass diffuser and ensure IP66 ingress protection for all constructive variants.

EVOCITYECO



- Installation: Street lighting
- Colour temperature: warm, neutral, cold
- Colour rendering index: CRI > 80
- Ingress protection: IP66
- Power supply: 230 V / 50 Hz
- Safety class: I
- Light distribution: A
- Operating temperature range: - 30°C . . . + 45°C
- Pipe mounting: Ø 48 - 60 mm

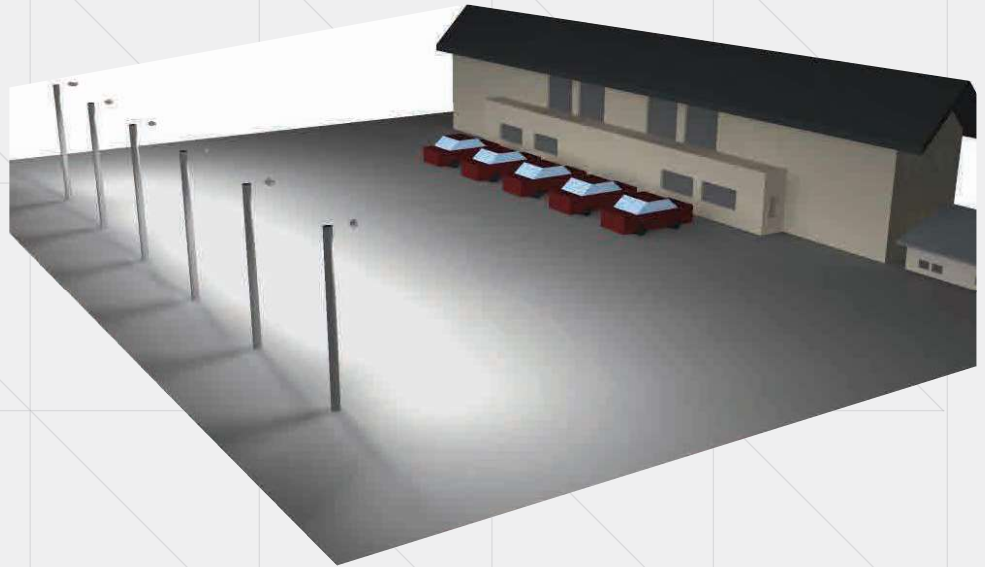


Code	Nominal power	Diffuser	Luminous flux	Dimensions; Weight (L x W x H);(kg)	Observations
RS 82076-002	30 W	glass diffuser/ PMMA lens	4200 lm	508 x 203 x 110 mm 3,5 kg	-
RS 82076-005	50 W	glass diffuser/ PMMA lens	7200 lm	508 x 203 x 110 mm 3,5 kg	-

Compliance standards :
 SR EN 60598-1:2015
 +AC:2016
 SR EN 60598-2-3:2004
 +A1:2012
 SR EN 62031:2009+A1:2013
 +A2:2015 art. 13.2 si 15
 SR EN 55015:2014+A1:2015
 SR EN 61000-3-2:2015
 SR EN 61000-3-3:2014
 SR EN 61547:2010



EVOCITYECO



Calculation area list

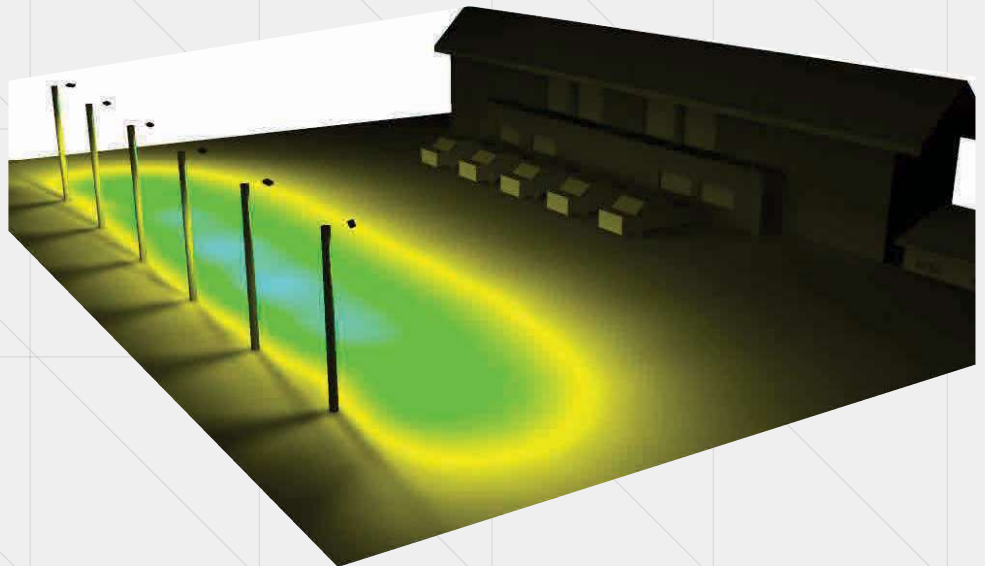
Evaluation field: Street 1
 Length: 35.000 m, Width: 14.000 m
 Raster: 12 x 12 Points
 Attached street elements: Street 1.
 Covering: R2, q0: 0.070
 Selected illumination class: ME3

(All photometric requirements are met.)

Calculated values:
 Necessary values according to class:
 Acquired/ Not acquired:

Lm [cd/m ²]	U0	UI	TI [%]	SR
2.06	0.59	0.73	10	0.50
≥ 2.00	≥ 0.40	≥ 0.70	≤ 10	≥ 0.50
✓	✓	✓	✓	✓

EVOCITYECO



Calculation area list

Evaluation field: Street 1
 Length: 35.000 m, Width: 14.000 m
 Raster: 12 x 6 Points
 Attached street elements: Street 1.
 Covering: R3, q0: 0.070
 Selected illumination class: ME4

(All photometric requirements are met.)

Calculated values:
 Necessary values according to class:
 Acquired/ Not acquired:

Lm [cd/m ²]	U0	UI	TI [%]	SR
1.60	0.77	0.86	5	0.68
≥ 1.50	≥ 0.40	≥ 0.70	≤ 10	≥ 0.50
✓	✓	✓	✓	✓