

Electrical characteristics

- Power current up to 700mA.
- Voltage range: from 8 V to 140 V.
- Electrical class: II.
- Varistor (protection against surges).
- Standard electrical shock resistance: 6/10 kV (diff/comm).

LED characteristics

- Type: CMS.
- Luminous flux maintenance: L90 B10 100 000 hrs.
- CRI > 80.
- ULR 1% (ULR: Upward Light Ratio).

Powers and luminous intensities

3000K Number of LED	Nominal flux ⁽¹⁾ (lm)	Nominal eff. ⁽¹⁾ (lm/W)	350 mA			500 mA			700mA		
			P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾	P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾	P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾
3	725	108	4	400	100	5	540	108	7	725	104
12	2900	124	13	1600	124	19	2156	114	27	2900	108
24	5800	124	26	3200	124	37	4312	117	53	5800	110
36	8700	124	39	4800	124	56	6468	116	80	8700	109
48	11600	126	51	6400	126	75	8624	115	106	11600	110

4000K Number of LED	Nominal flux ⁽¹⁾ (lm)	Nominal eff. ⁽¹⁾ (lm/W)	350 mA			500 mA			700mA		
			P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾	P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾	P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾
3	760	114	4	420	105	5	566	114	7	760	109
12	3040	130	13	1680	130	19	2264	120	27	3040	113
24	6080	130	26	3360	130	37	4528	123	53	6080	115
36	9120	173	39	6720	173	56	6792	122	80	9120	114
48	12160	132	51	6720	132	75	9056	121	106	12160	115

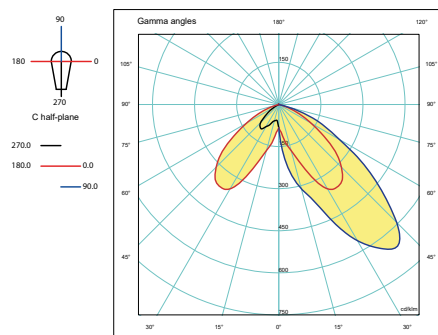
(1) Maximum LED flux at operating temperature including driver consumption.

(2) Actual luminaire output data at operating temperature including driver consumption, optical accessories. A tolerance of +-5% on the data is allowed in accordance with IEC 62717 and IEC 62722.

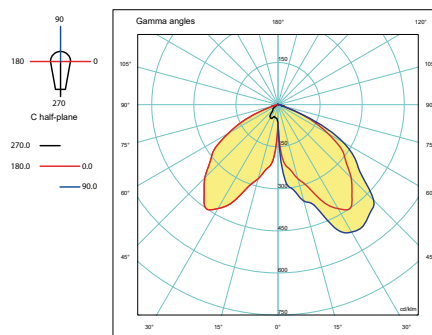
Photometric distributions

ASYMMETRICAL ROAD LIGHTING

MARGO 180°



MARGO 225°



CIRCULAR

MARGO 360°

