

Electrical characteristics

- Power current up to 700mA.
- Voltage range: from 21 V to 48 V.
- Electrical class: I & II.
- Optional surge protector or over/under voltage protection systems.
- Optional lighting management systems: automatic adjustment with up to 5 levels depending on the time of day, presence detection, constant flux, graduation via voltage variation, command 1-10V or DALI.
- Standard electrical shock resistance: 6/10 kV (diff/comm).

LED characteristics

- Type: CMS.
- Luminous flux maintenance: L90 B10 100 000 hrs.
- 3000K/4000K/2700K: CRI >70 - 2200K: CRI >80.
- Photobiological hazard: RG1.

Powers and luminous intensities

2200K Number of LED	Nominal flux ⁽¹⁾ (lm)	Nominal eff. ⁽¹⁾ (lm/W)	350 mA			500 mA			700mA			Energy efficiency class
			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⁾	
8	1960	137	10	808	81	14	1108	80	19	1505	80	E
16	2887	146	19	1617	86	26	2217	86	-	-	-	E

2700K Number of LED	Nominal flux ⁽¹⁾ (lm)	Nominal eff. ⁽¹⁾ (lm/W)	350 mA			500 mA			700mA			Energy efficiency class
			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⁾	
8	2275	159	10	938	94	14	1286	92	19	1747	92	D
16	3351	168	19	1876	99	26	2574	99	-	-	-	D

3000K Number of LED	Nominal flux ⁽¹⁾ (lm)	Nominal eff. ⁽¹⁾ (lm/W)	350 mA			500 mA			700mA			Energy efficiency class
			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⁾	
8	2360	168	10	987	99	14	1352	97	19	1812	96	D
16	3520	176	19	1974	104	26	2703	104	-	-	-	D

4000K Number of LED	Nominal flux ⁽¹⁾ (lm)	Nominal eff. ⁽¹⁾ (lm/W)	350 mA			500 mA			700mA			Energy efficiency class
			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⁾	
8	2490	178	10	1041	105	14	1428	102	19	1912	101	D
16	3720	186	19	2081	110	26	2857	110	-	-	-	D

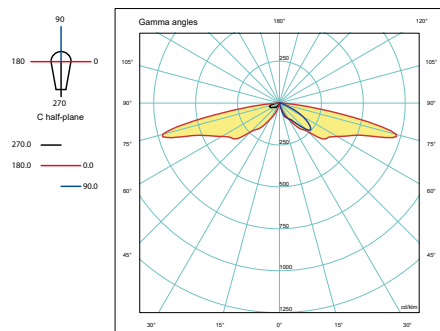
(1) Maximum LED flux at operating temperature including driver consumption.

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

Photometric distributions

ASYMMETRICAL ROAD LIGHTING

ASY13 CIKA



CIRCULAR

CIR06 CIKA

