



Electrical characteristics

- LED voltage: from 21 to 49 V.
- Electrical class: I & II.
- Standard electrical shock resistance: 6/10 kV (diff/comm).

LED characteristics

- Type: CMS.
- Luminous flux maintenance: L90 B10 100 000 hrs.
- 4000/3000K/2700: 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⁾	
16	3920	145	19	1621	86	26	2223	86	36	3018	84	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⁾	
16	4550	169	19	1881	99	26	2580	100	36	3504	98	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	989	99	14	1355	97	19	1817	96	D
16	4720	177	19	1979	105	26	2710	105	36	3634	101	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	177	10	1043	105	14	1432	103	19	1917	101	D
16	4980	187	19	2087	110	26	2864	111	36	3835	107	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

CIRCULAR

ASY11 AIR

ASY13 AIR

CIR06 AIR

