



Electrical characteristics

- Power current up to 700mA.
- Voltage range: from 18 V to 36 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.

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⁾	
ILOA 180	8	1960	208	10	537	54	14	736	53	19	1000	53	E
ILOA 180-90	16	3920	220	19	1074	57	26	1472	57	36	1999	56	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⁾	
ILOA 180	8	2275	243	10	623	63	14	854	61	19	1160	62	D
ILOA 180-90	16	4550	253	19	1246	66	26	1709	66	36	2321	65	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⁾	
ILOA 180	8	2360	253	10	655	66	14	898	65	19	1204	64	D
ILOA 180-90	16	4720	269	19	1311	69	26	1795	70	36	2407	67	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⁾	
ILOA 180	8	2490	269	10	691	70	14	949	68	19	1270	67	D
ILOA 180-90	16	4980	280	19	1382	73	26	1897	73	36	2540	71	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

1 LIGHT 180° VERSION

2 LIGHTS VERSION: 1 FRONT LIGHT 180° + 1 REAR LIGHT 90°

