

Electrical characteristics

- Power current up to 700mA.
- Voltage range: from 21 V to 95 V.
- Electrical class: II (class I on request).
- Varistor (protection against surges).
- Optional surge protector or over/under voltage protection systems.
- Standard electrical shock resistance: 6/10 kV (diff/comm).

LED characteristics

- Type: CMS.
- Luminous flux maintenance: L90 B10 100 000 hrs.
- 3000K/4000K/5700K/2700K: CRI >70 - 2200K: CRI >80 - Amber, no CRI.
- ULR 3% (ULR: Upward Light Ratio).
- Photobiological hazard: RG1.

Powers and luminous intensities

1700K (Amber) 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⁾
16	3120	123	17	1404	83	24	1921	81	35	2571	74
32	6240	126	33	2808	86	47	3841	82	66	5142	78

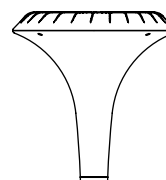
2200K Number of LED	Nominal flux ⁽¹⁾ (lm)	Nominal eff. ⁽¹⁾ (lm/W)	350 mA			500 mA			700mA			Energy efficiency class
			P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾	P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾	P _t (W) ⁽²⁾	Φ (lm) ⁽²⁾	(lm/W) ⁽²⁾	
8	1960	129	10	867	87	14	1189	85	19	1615	85	E
12	2940	132	15	1300	87	20	1784	90	27	2423	90	E
16	3530	124	19	1582	84	26	2171	84	36	2909	81	E
24	5880	143	27	2601	97	38	3568	94	52	4845	94	E
32	7060	133	35	3164	91	49	4342	89	69	5817	85	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	149	10	1006	101	14	1380	99	19	1875	99	D
12	3270	149	15	1467	98	20	2012	101	27	2694	100	E
16	4362	153	19	1959	104	26	2685	104	36	3594	100	E
24	6540	160	27	2933	109	38	4024	106	52	5389	104	E
32	8723	165	35	3917	112	49	5371	110	69	7188	105	E

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	157	10	1059	106	14	1450	104	19	1945	103	D
12	3540	160	15	1586	106	20	2179	109	27	2917	109	D
16	4720	165	19	2118	112	26	2905	112	36	3889	109	D
24	7080	174	27	3172	118	38	4359	115	52	5834	113	D
32	9440	178	35	4235	121	49	5809	119	69	7779	113	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.



Powers and luminous intensities

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	165	10	1117	112	14	1533	110	19	2052	108	D
12	3735	170	15	1677	112	20	2299	115	27	3078	114	D
16	4980	174	19	2233	118	26	3065	118	36	4104	114	D
24	7470	184	27	3354	125	38	4598	121	52	6155	119	D
32	9960	188	35	4466	128	49	6131	126	69	8207	119	D

5700K 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	4720	165	19	2118	112	26	2905	112	36	3889	109	C
32	9440	178	35	4235	121	49	5809	119	69	7779	113	C

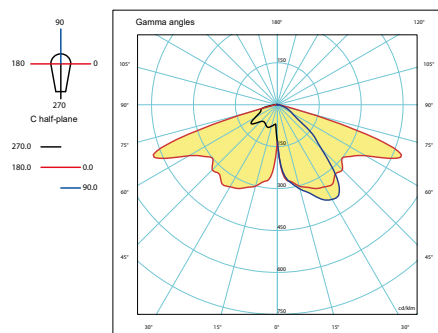
(1) Maximum LED flux at operating temperature including driver consumption.

(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.

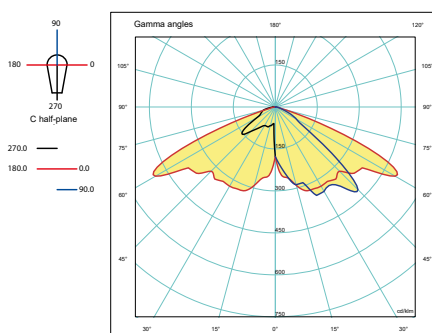
Photometric distributions

ASYMMETRICAL ROAD LIGHTING

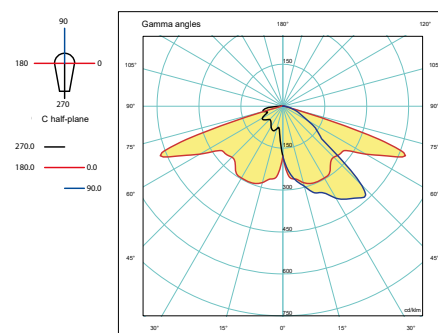
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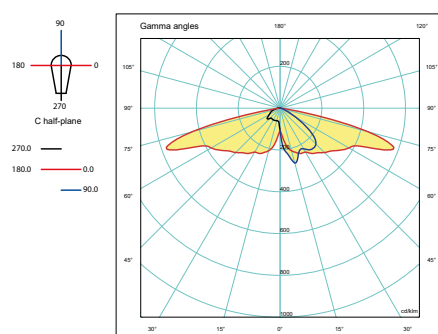
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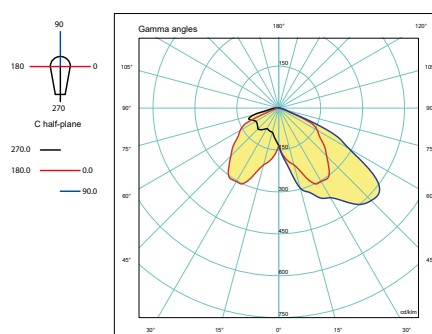
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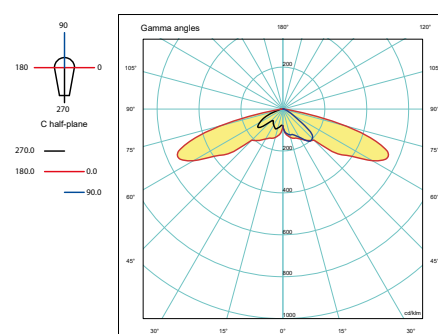
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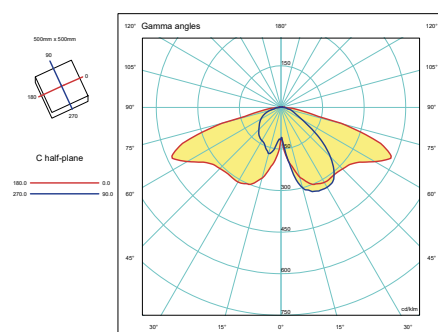
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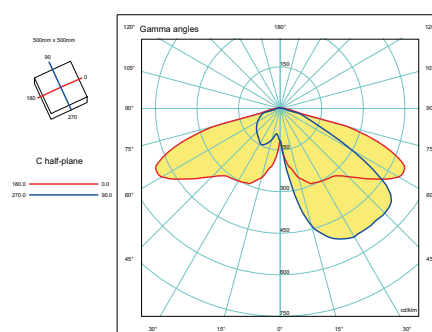
ASY17 CHIC

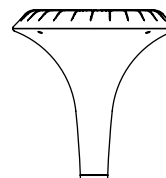


ASY26 CHIC



ASY27 CHIC

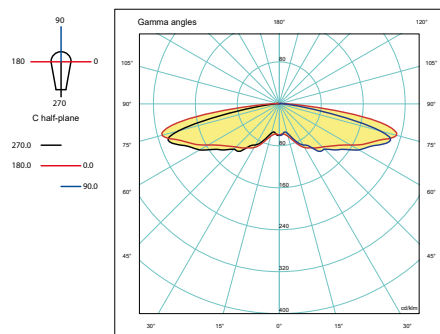




Photometric distributions

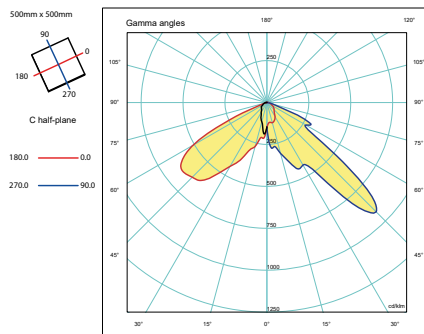
CIRCULAR

CIR06 CHIC

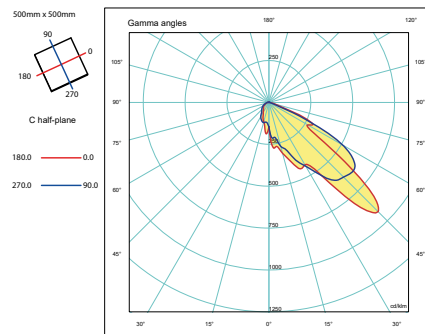


PEDESTRIAN CROSSING

PC02 45G CHIC



PC02 45D CHIC



SYMMETRICAL

SYM02 CHIC

