FRAGMENT

RAGNI

Data sheet

Electrical characteristics

- Power current up to 700mA.
- Voltage range: from 21 V to 95 V.
- Electrical class: I & II.
- Varistor (protection against surges).
- Optional surge protector or over/under voltage protection systems.
- Dome projector (option): Power 7 x 2.5W - Beam: 115° - Power supply: 230 VDC (monochrome) OR 12-24VAC (RGBW).
- 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 <1%. Backlit version >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)
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)	
16	3920	136	19	1735	92	26	2379	92	36	3230	90	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)	
16	4550	158	19	2013	106	26	2761	107	36	3749	105	D
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)	
16	4720	165	19	2118	112	26	2900	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

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)	
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)	
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.

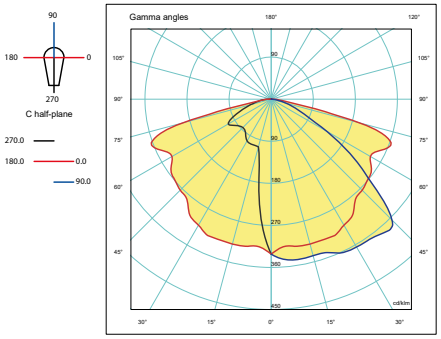
FRAGMENT

Data sheet

Photometric distributions

ASYMMETRICAL ROAD LIGHTING

ASY10 FRAGMENT



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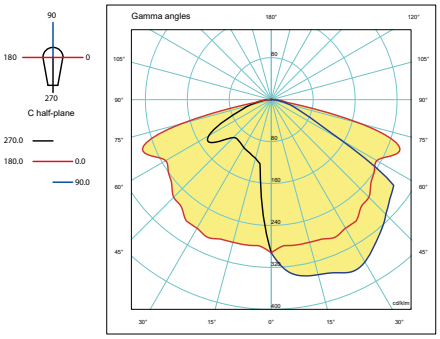

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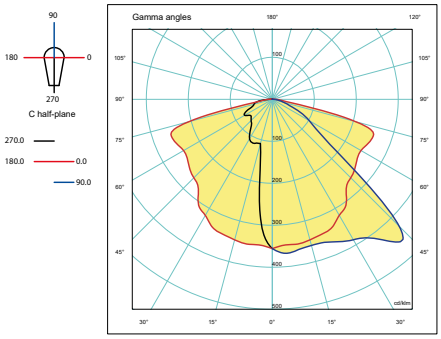

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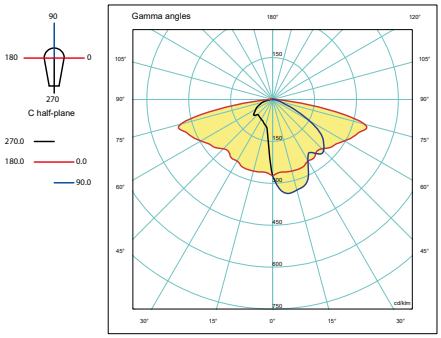

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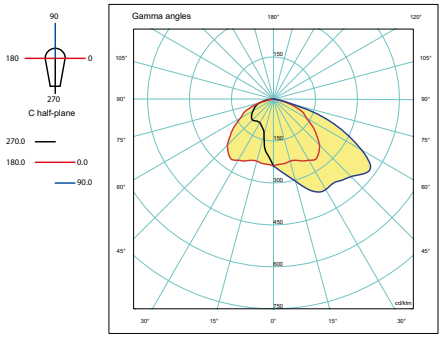

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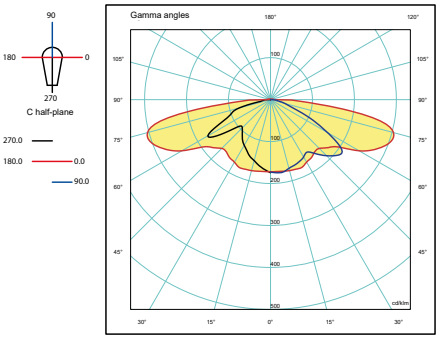

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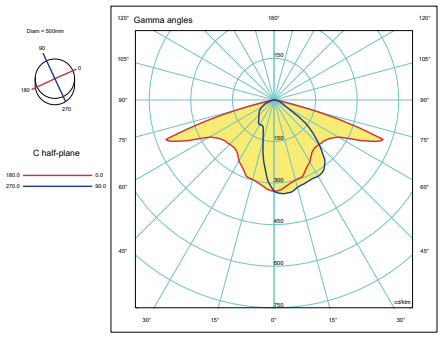

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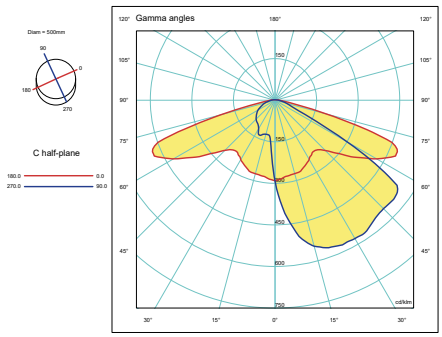
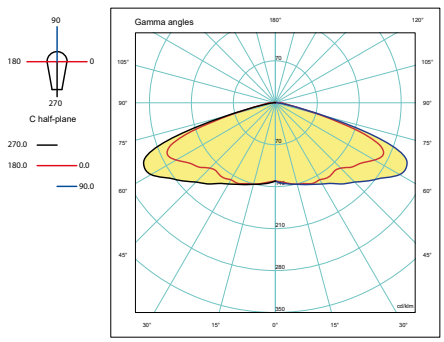


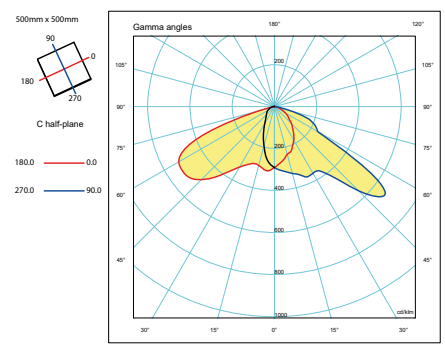
CIRCULAR

CIR06 FRAGMENT

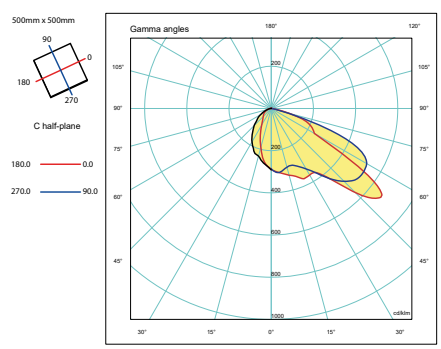


PEDESTRIAN CROSSING

PC02 45G FRAGMENT



PC02 45D FRAGMENT



FRAGMENT

Data sheet

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SYMMETRICAL

SYM02 FRAGMENT