

Caractéristiques électriques / Electrical characteristics

- Courant d'alimentation jusqu'à 700mA / Power current up to 700mA
- Gamme de tensions : De 21 V à 95 V / Voltage range: from 21 V to 95 V
- Classe électrique : I & II / Electrical class: I & II
- Varistance (protection contre les surtensions) / Varistor (protection against high voltages)
- Parafoudre et para sur/sous tension en option / Optional surge protector or over/under voltage protection systems

Caractéristiques des LED / LEDs characteristics

- Fabricant LED : CREE / LED manufacturer : CREE
- Type : CMS / Type: CMS
- Durée de vie assignée des LED : 100 000 heures / Assigned LED's life cycle: 100 000 hours.
- Maintien du flux lumineux, ex : L85 100 000 hrs @ 350mA, 85% du flux lumineux au bout de 100 000 hrs @ 350mA.
/ Lumen maintenance, ex : L85 100 000 hrs @ 350mA, 85% of the luminous flow at 100 000 hrs @ 350mA.
- IRC : >70 - 2200K : IRC >80 - Ambre : pas d'IRC / Amber: no CRI
- ULOR <1% (ULOR : pourcentage du flux lumineux directement dirigé vers le haut) / ULOR <1% (ULOR: Upward Light Output Ratio)

Puissances et intensités lumineuses / Powers and luminous intensities

DONNÉES EN SORTIE DE LUMINAIRE (T_j @ 85°C) / LUMINAIRE OUTPUT DATA (T_j @ 85°C)

3000K Nombre de LED Number of LED	350 mA			500 mA			700 mA		
	P _t (W)	Φ (lm)	(lm/W)	P _t (W)	Φ (lm)	(lm/W)	P _t (W)	Φ (lm)	(lm/W)
16	19	1932	102	26,5	2604	98	38	3450	91
24	28	2899	104	40	3907	98	54.5	5176	95
32	36	3864	107	51.5	5208	101	73	6901	95

4000K Nombre de LED Number of LED	350 mA			500 mA			700 mA		
	P _t (W)	Φ (lm)	(lm/W)	P _t (W)	Φ (lm)	(lm/W)	P _t (W)	Φ (lm)	(lm/W)
16	19	2089	110	26,5	2815	106	38	3730	98
24	28.0	3134	112	40.0	4224	106	54.5	5597	103
32	36	4178	116	51.5	5630	109	73	7461	102

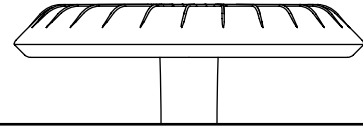
AMBRE Nombre de LED Number of LED	350 mA			500 mA			700 mA		
	P _t (W)	Φ (lm)	(lm/W)	P _t (W)	Φ (lm)	(lm/W)	P _t (W)	Φ (lm)	(lm/W)
32	32.8	2726	83	46.9	3730	80	66.4	4992	75

2200K Nombre de LED Number of LED	350 mA			500 mA			700 mA		
	P _t (W)	Φ (lm)	(lm/W)	P _t (W)	Φ (lm)	(lm/W)	P _t (W)	Φ (lm)	(lm/W)
32	36	2333	65	51.5	3363	65	73	4267	58

2700K Nombre de LED Number of LED	350 mA			500 mA			700 mA		
	P _t (W)	Φ (lm)	(lm/W)	P _t (W)	Φ (lm)	(lm/W)	P _t (W)	Φ (lm)	(lm/W)
24	28	2491	89	40	3357	84	54.5	4448	82
32	36	3322	92	51.5	4475	87	73	5930	81

5700K Nombre de LED Number of LED	350 mA			500 mA			700 mA		
	P _t (W)	Φ (lm)	(lm/W)	P _t (W)	Φ (lm)	(lm/W)	P _t (W)	Φ (lm)	(lm/W)
32	36,0	4128	115	51,5	3357	65	73,0	7370	101

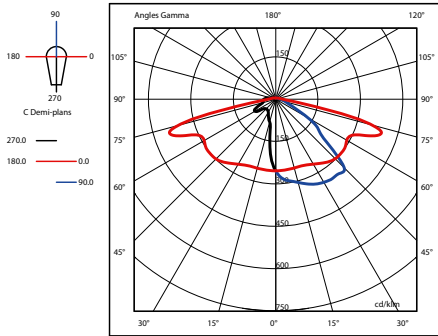
P_t (W) = Puissance totale avec consommation driver intégrée / P_t (W) = Total power consumption including driver consumption. Φ Flux nominal (lm) / Nominal flux (lm). Efficacité lumineuse (lm/W) / Luminous efficiency (lm/W).



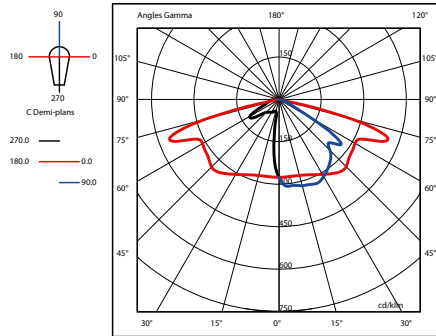
Distributions photométriques / Photometric distributions

ASYMÉTRIQUE ROUTIER / ASYMMETRICAL ROAD LIGHTING

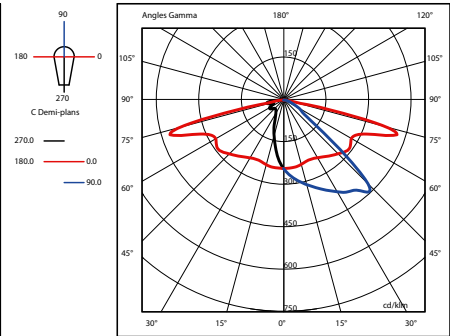
ASY10



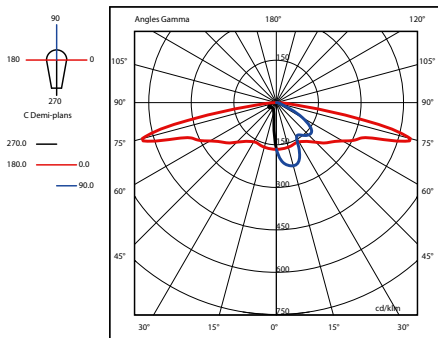
ASY11



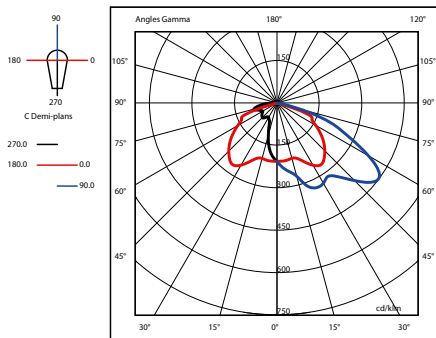
ASY12



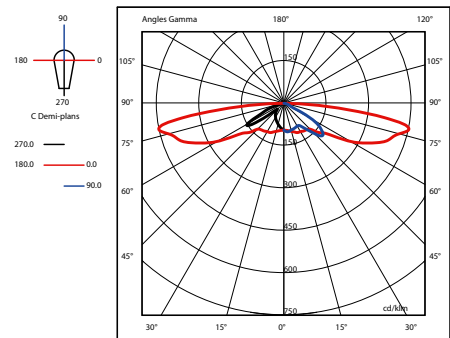
ASY13



ASY14

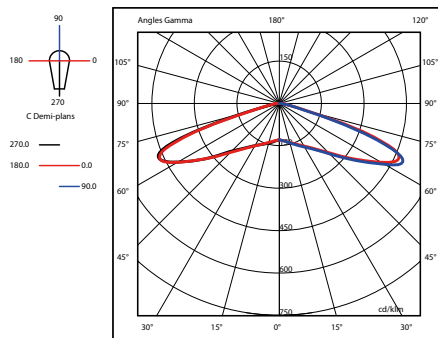


ASY17



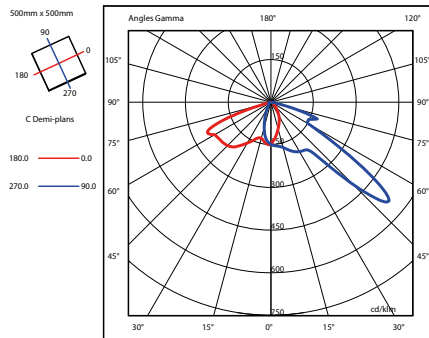
CIRCULAIRE / CIRCULAR

CIR06

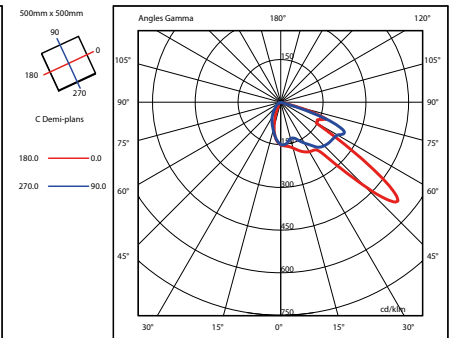


PASSAGE PIÉTON / PEDESTRIAN CROSSING

PC02 45G



PC02 45D



SYMÉTRIQUE / SYMMETRICAL

SYM02

