

Caractéristiques électriques / Electrical characteristics

- Courant d'alimentation jusqu'à 700mA / Power current up to 700mA
- Gamme de tensions : De 24 V à 143 V / Voltage range: from 24 V to 143 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

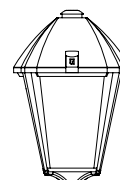
- Fabricant LED : CREE / LED manufacturer : CREE
- Type : CMS / Type: CMS
- Durée de vie assignée des LED : 100 000 heures / Assigned LED's life cycle: 100 000 hours.
- Maintien du flux lumineux, ex : L85 100 000 hrs @ 350mA, 85% du flux lumineux au bout de 100 000 hrs @ 350mA.
/ Lumen maintenance, ex : 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 0% (ULOR : pourcentage du flux lumineux directement dirigé vers le haut) / ULOR 0% (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)
8	10.5	1087	104	14.5	1464	101	20	1940	97
16	19	2174	114	26.5	2930	111	38	3882	102
32	36	4347	121	51.5	5859	114	73	7763	106
48	53.5	6521	122	76.5	8789	115	108	11645	108
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)
8	10.5	1175	112	14.5	1583	109	20	2098	105
16	19	2350	124	26.5	3167	120	38	4197	110
32	36	4700	131	51.5	6334	123	73	8393	115
48	53.5	7050	132	76.5	9501	124	108	12590	117
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)
16	17.3	1534	89	24.1	2098	87	34.6	2808	81
32	32.8	3067	94	46.9	4196	90	66.4	5616	85
48	48.7	4601	95	69.6	6294	90	98	8424	86
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)
16	19	1312	69	26.5	1892	71	38	2400	63
32	36	2624	73	51.5	3784	73	73	4801	66
48	53.5	3937	74	76.5	5675	74	108	7201	67
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)
16	19	1868	98	26.5	2517	95	38	3335	88
32	36	3737	104	51.5	5035	98	73	6671	91
48	53.5	5605	105	76.5	7552	99	108	10006	93
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)
16	19	2322	122	26.5	3128	118	38	4145	109
32	36	4644	129	51.5	3776	73	73	8291	114
48	53.5	6966	130	76.5	9385	123	108	12436	116

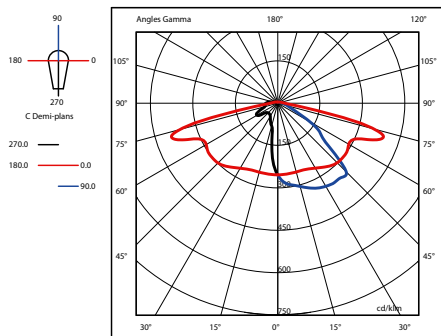
P_t (W) = Puissance totale avec consommation driver intégrée / P_t (W) = Total power consumption including driver consumption. Φ Flux nominal (lm) / Nominal flux (lm). Efficacité lumineuse (lm/W) / Luminous efficiency (lm/W).



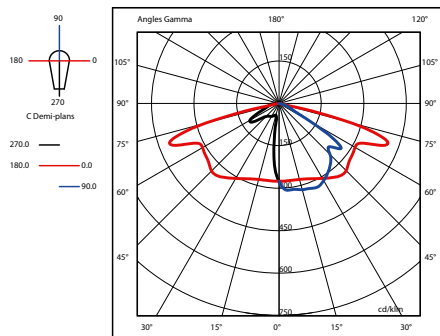
Distributions photométriques / Photometric distributions

ASYMÉTRIQUE ROUTIER / ASYMMETRICAL ROAD LIGHTING

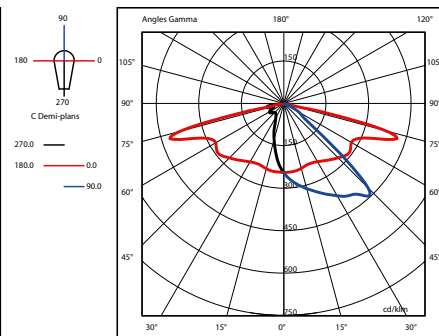
ASY10



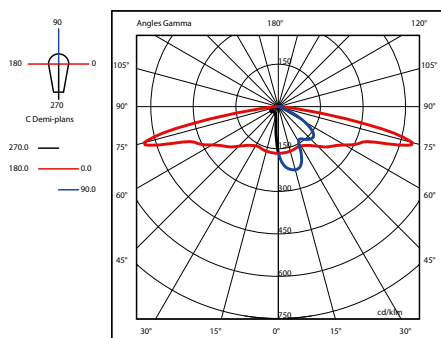
ASY11



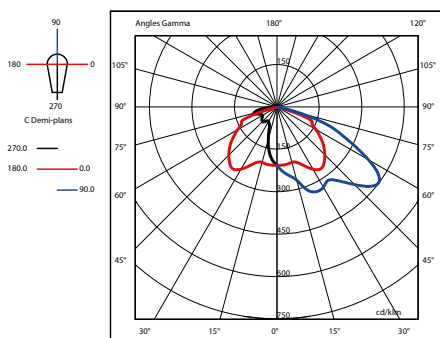
ASY12



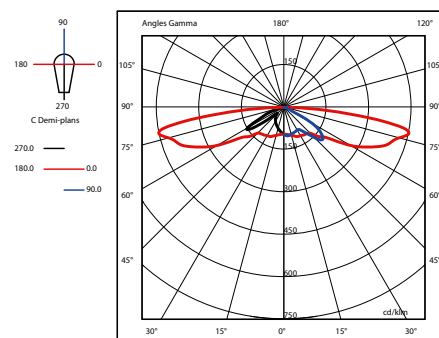
ASY13



ASY14

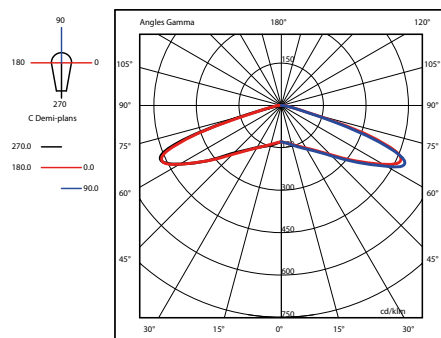


ASY17



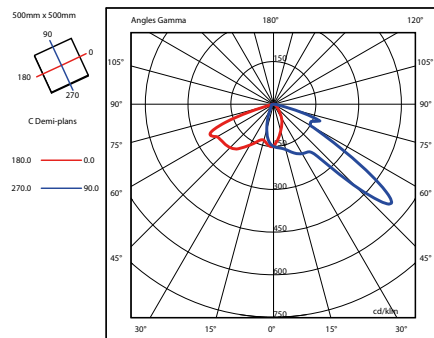
CIRCULAIRE / CIRCULAR

CIR06

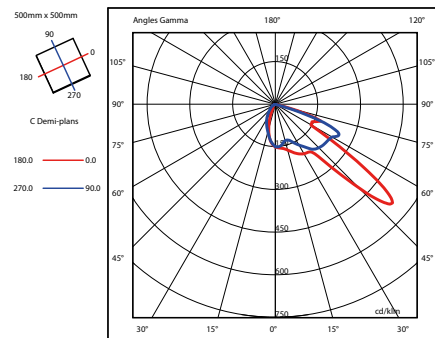


PASSAGE PIÉTON / PEDESTRIAN CROSSING

PC02 45G



PC02 45D



SYMETRIQUE / SYMMETRICAL

SYM02

