

### Caractéristiques électriques / Electrical characteristics

- Courant d'alimentation jusqu'à 1050mA / Power current up to 1050mA
- 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

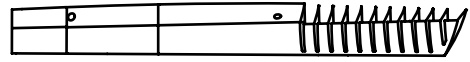
- Fabricant LED : CREE / LED manufacturer : CREE
- Type : CMS / Type: CMS
- Durée de vie assignée des LED : 100 000 heures / Assigned LED's life cycle: 100 000 hours.
- Maintien du flux lumineux, ex : L85 100 000 hrs @ 350mA, 85% du flux lumineux au bout de 100 000 hrs @ 350mA.  
/ Lumen maintenance, 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 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<sub>j</sub> @ 85°C) / LUMINAIRE OUTPUT DATA (T<sub>j</sub> @ 85°C)

3000K Nombre de LED Number of LED	350 mA			500 mA			700 mA			1050 mA		
	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)
8	10.5	1087	104	14.5	1464	101	20	1940	97	26	2624	101
12	14	1631	116	20	2198	110	27	2912	108	42	3937	94
16	19	2174	114	26.5	2930	111	38	3882	102	58	5248	90
24	28	3262	116	40	4396	110	54.5	5823	107	83	7873	95
32	36	4347	121	51.5	5859	114	73	7763	106	112	10496	94
4000K Nombre de LED Number of LED	350 mA			500 mA			700 mA			1050 mA		
	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)
8	10.5	1175	112	14.5	1583	109	20	2098	105	26	2837	109
12	14	1763	126	20.0	2376	119	27	3148	117	42	4256	101
16	19	2350	124	26.5	3167	120	38	4197	110	58	5674	98
24	28	3526	126	40	4752	119	54.5	6296	116	83	8512	103
32	36	4700	131	51.5	6334	123	73	8393	115	112	11347	101
AMBRE Nombre de LED Number of LED	350 mA			500 mA			700 mA			1050 mA		
	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)
16	17.3	1534	89	24.1	2098	87	34.6	2808	81	52.8	3938	75
32	32.8	3067	94	46.9	4196	90	66.4	5616	85	101.9	7875	77
2200K Nombre de LED Number of LED	350 mA			500 mA			700 mA			1050 mA		
	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)
16	19	1312	69	26.5	1892	71	38	2400	63	58	3389	58
32	36	2624	73	51.5	3784	73	73	4801	66	112	6779	61
2700K Nombre de LED Number of LED	350 mA			500 mA			700 mA			1050 mA		
	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)
16	19	1868	98	26.5	2517	95	38	3335	88	58	4510	78
24	28	2803	100	40	3776	94	54.5	5004	92	83	6766	82
32	36	3737	104	51.5	5035	98	73	6671	91	112	9020	81
5700K Nombre de LED Number of LED	350 mA			500 mA			700 mA			1050 mA		
	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)
16	19	2322	122	26.5	3128	118	38	4145	109	58	5605	97
32	36	4644	129	51.5	3776	73	73	8291	114	112	11210	100

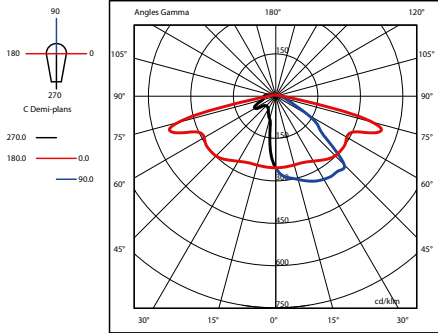
P<sub>t</sub> (W) = Puissance totale avec consommation driver intégrée / P<sub>t</sub> (W) = Total power consumption including driver consumption. Φ Flux nominal (lm) / Nominal flux (lm). Efficacité lumineuse (lm/W) / Luminous efficiency (lm/W).



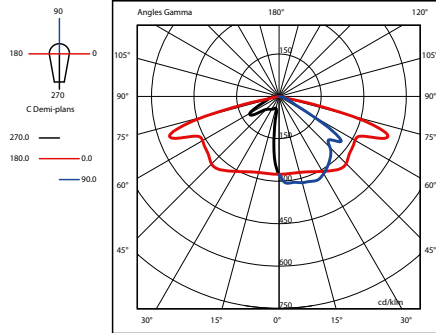
### Distributions photométriques / Photometric distributions

ASYMÉTRIQUE ROUTIER / ASYMMETRICAL ROAD LIGHTING

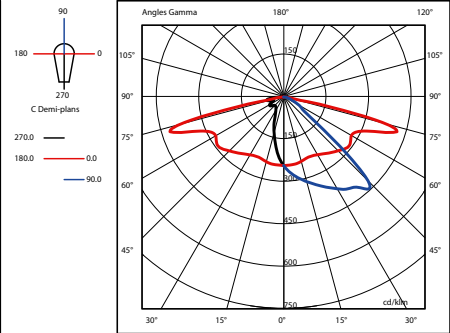
**ASY10**



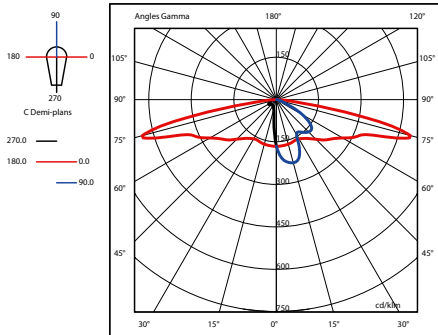
**ASY11**



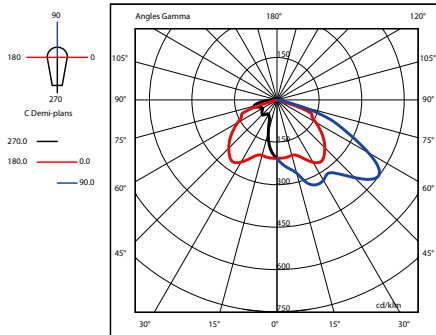
**ASY12**



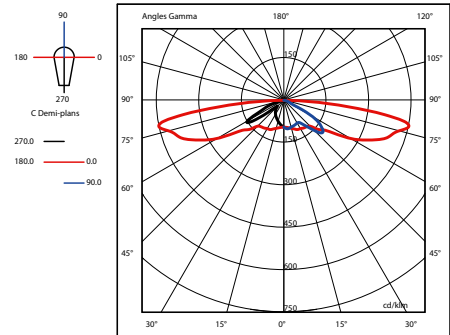
**ASY13**



**ASY14**

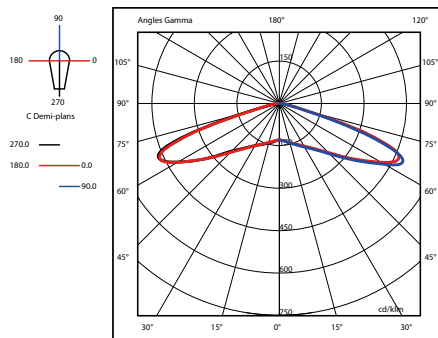


**ASY17**



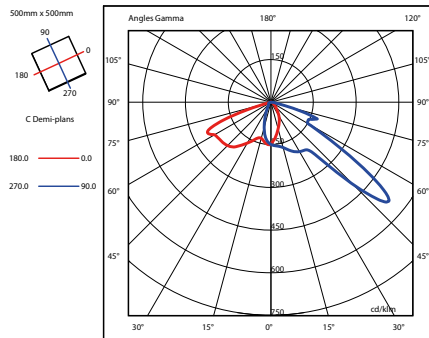
### CIRCULAIRE / CIRCULAR

**CIR06**

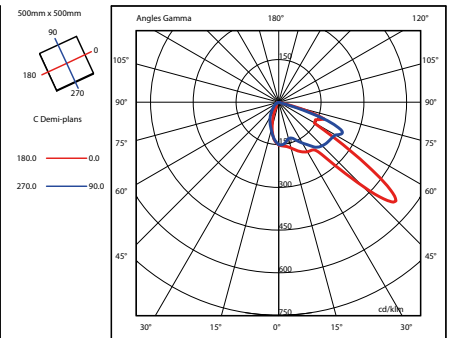


### PASSAGE PIÉTON / PEDESTRIAN CROSSING

**PC02 45G**



**PC02 45D**



### SYMETRIQUE / SYMMETRICAL

**SYM02**

