

### Caractéristiques électriques / Electrical characteristics

- Courant d'alimentation jusqu'à 1050 mA / Power current up to 1050 mA
- Gamme de tensions : De 43 V à 151V / Voltage range: from 43 V to 151 V
- Classe électrique : I ou II / Electrical class: I or II
- Varistance (protection contre les surtensions) / Varistor (protection against overvoltages)
- Parafoudre et para sur/sous tension en option / Optional surge protector or over/under voltage protection systems

### Caractéristiques des LED / LEDs characteristics

- Fabricant LED : LUMILED / LED manufacturer: LUMILED
- Durée de vie assignée des LED : 100 000 heures / Assigned LED's life cycle: 100 000 hours
- Maintien du flux lumineux, ex : L80 100 000 hrs @ 350mA, 80% du flux lumineux au bout de 100 000 hrs @ 350mA / Lumen maintenance, ex: L80 100 000 hrs @ 350mA, 80% of the luminous flow at 100 000 hrs @ 350mA
- IRC > 70 / CRI > 70
- ULR (par inclinaison / by tilting) :

	-20°	-15°	-10°	-5°	-0°	+5°	+10°	+15°	+20°
<b>ASY15</b>	1.98	1.2	0.67	0.26	0	0.29	0.69	1.2	1.95
<b>ASY16</b>	1	0.66	0.38	0.15	0	0.21	0.6	1.26	1.26

### Puissances et intensités lumineuses / Powers and luminous intensities

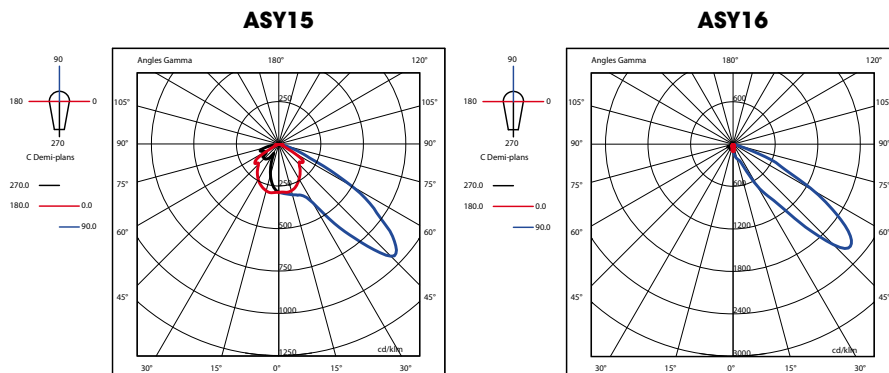
		3000K			350mA			500mA			700mA			1050mA		
		Nombre de LED Number of LED	PCB	Vref(V)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)
<b>BENTO AREA S</b>		12LED	6P2S	43-50	16.6	2159.7	130	25.2	3046.8	121	36.6	4154.0	114	56.6	5883.7	104
		24LED	6P4S	87-100	32.8	4318.3	132	48.7	6092.8	125	70.0	8307.5	119	107.4	11767.5	110
<b>BENTO AREA M</b>		24LED	4P6S	129-151	51.3	6378.8	124	75.2	8833.7	117	107.1	11766.8	110			
		48LED	6P4S	87-100	65.5	8636.2	132	97.3	12185.1	125	139.7	16614.5	119	214.1	23534.4	110
		48LED	4P6S	129-151	102.8	12758	124	150.7	17668.3	117	214.8	23535.1	110			

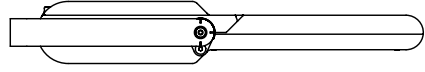
		4000K			350mA			500mA			700mA			1050mA		
		Nombre de LED Number of LED	PCB	Vref(V)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)
<b>BENTO AREA S</b>		12LED	6P2S	43-50	16.6	2339.9	141	25.2	3301.0	131	36.6	4500.6	123	56.6	6374.5	113
		24LED	6P4S	87-100	32.8	4678.6	143	48.7	6601.1	135	70.0	9000.5	129	107.4	12749.1	119
<b>BENTO AREA M</b>		24LED	4P6S	129-151	51.3	6910.9	135	75.2	9570.7	127	107.1	12748.5	119			
		48LED	6P4S	87-100	65.5	9356.7	143	97.3	13201.6	136	139.7	18000.6	129	214.1	25497.8	119
		48LED	4P6S	129-151	102.8	13822.3	134	150.7	19142.3	127	214.8	25498.5	119			

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

PROJECTEUR / FLOODLIGHT

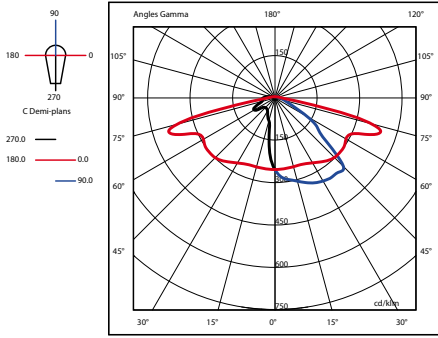




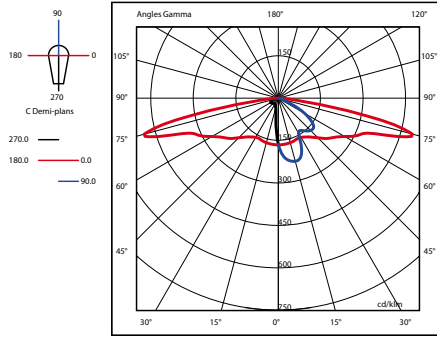
### Distributions photométriques / Photometric distributions

ASYMÉTRIQUE ROUTIER / ASYMMETRICAL ROAD LIGHTING

**ASY10**



**ASY13**



**ASY14**

