



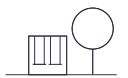
Applications



Roads



Motorways



Parks



Roads



Residential Areas



Tunnels



Pedestrian Zones










Cycle lanes






Certifications





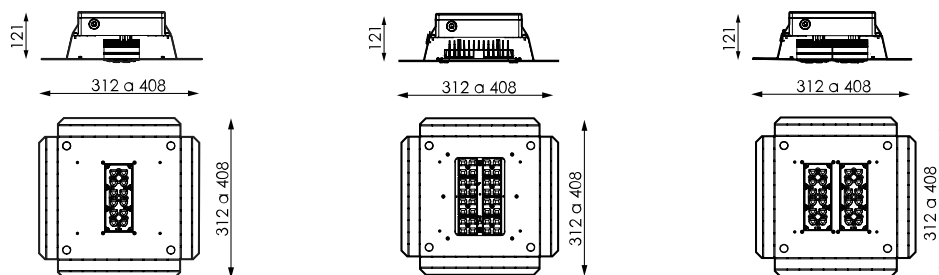
Specifications (Series luminaires)

	Voltage (V)	220-240V
Hz	Frecuency (Hz)	50-60Hz
	Current (A)	max.1000mA
ϕ	Power factor (Cos fi)	Hasta 0,98
	LED number	12/32
	Dimming	8N - DALI
	Comm. Prot. for reprogr.	CMR
K	Colour temperature	3.000K/4.000K
	CRI Colour rendering index	>70
	Optical	VA00LIP

	Measures	318 a 408x116mm
	Operating temperature	-40~+50°C
ϕ_{LUM}	Flux (lm)	4.574lm
	Electrical isolation	CI
	Lifetime	L90 B10 >200.000h
	Efficacy	118lm/W

Prilux guarantees a $\pm 10\%$ tolerance in light flux measurements.




Dimensions





References



	W_{LED}	W		ϕ	ϕ_{LED}	ϕ_{LUM}	ϕ/W		K
585224	12W	13,3W	350mA	2399lm	2.170lm	1.910lm	144lm/W	12	4.000K
585231	18W	18,8W	500mA	3.310lm	2.985lm	2.627lm	140lm/W	12	4.000K
585248	24W	26,5W	700mA	4.437lm	3.995lm	3.516lm	133lm/W	12	4.000K
585255	36W	38,8W	1000mA	5.965lm	5.376lm	4.731lm	122lm/W	12	4.000K
585262	48W	51,7W	700mA	4.239lm	3.863lm	3.399lm	128lm/W	24	4.000K
585279	32W	35,9W	350mA	4.437lm	3.995lm	3.516lm	133lm/W	32	4.000K
585286	48W	50,5W	500mA	8.873lm	8.319lm	7.321lm	142lm/W	32	4.000K
585293	64W	70,2W	700mA	11.831lm	9.000lm	8.100lm	115lm/W	32	4.000K
585309	75W	80,4W	800mA	13242lm	10063lm	9057lm	113lm/W	32	4.000K
585491	12W	13,3W	350mA	2.292lm	2.099lm	1.847lm	139lm/W	12	3.000K
585507	18W	18,8W	500mA	3.163lm	2.886lm	2.540lm	135lm/W	12	3.000K
585514	24W	26,5W	700mA	4.239lm	3.863lm	3.399lm	128lm/W	12	3.000K
585521	36W	38,8W	1000mA	5.700lm	5.198lm	4.574lm	118lm/W	12	3.000K
585538	48W	51,7W	700mA	8.479lm	7.950lm	6.996lm	135lm/W	24	3.000K
585545	32W	35,9W	350mA	6.397lm	4896lm	4406lm	123lm/W	32	3.000K
585552	48W	50,5W	500mA	8.479lm	7.950lm	6.996lm	135lm/W	32	3.000K
585569	64W	70,2W	700mA	11.305lm	8.701lm	7.831lm	112lm/W	32	3.000K
585576	75W	80,4W	800mA	12.654lm	9729lm	8.756lm	109lm/W	32	3.000K



On request



Dali



Class II



Available RAL colors (Consult)



S138LOM

S150IIP

S150LOM

VA00IOP

VA00LOM

VA01LOM

VA02LOM

VA03DOP

VA04DOP

VA05IOP

VA06IOP

VA07LOP

VA08LOM

K

>70 2.700K

>80 3.000K

>80 4.000K

>70 2.700K



Light packages



			PCA		727		730		750		827		830		840	
W			ϕ_{LUM}	ϕ/W	ϕ_{LUM}	ϕ/W	ϕ_{LUM}	ϕ/W	ϕ_{LUM}	ϕ/W	ϕ_{LUM}	ϕ/W	ϕ_{LUM}	ϕ/W	ϕ_{LUM}	ϕ/W
13,3W	12	350mA	1.022lm	77lm/W	1.738lm	131lm/W	1.846lm	139lm/W			1.571lm	118lm/W	1.571lm	118lm/W	1.655lm	124lm/W
18,8W	12	500mA	1.371lm	73lm/W	2.391lm	127lm/W	2.540lm	135lm/W			2.160lm	115lm/W	2.160lm	115lm/W	2.277lm	121lm/W
26,5W	12	700mA	1.781lm	67lm/W	3.200lm	121lm/W	3.399lm	128lm/W			2.891lm	109lm/W	2.891lm	109lm/W	3.047lm	115lm/W
35,9W	32	350mA	2.358lm	66lm/W	4.009lm	112lm/W	4.259lm	119lm/W			3.623lm	101lm/W	3.623lm	101lm/W	3.818lm	106lm/W
38,8W	12	1.000mA			4.305lm	111lm/W	4.574lm	118lm/W			3.890lm	100lm/W	3.890lm	100lm/W	4.100lm	106lm/W
50,5W	32	500mA	3.167lm	63lm/W	5.525lm	109lm/W	5.869lm	116lm/W			4.991lm	99lm/W	4.991lm	99lm/W	5.262lm	104lm/W
51,7W	24	700mA	3.708lm	72lm/W	6.671lm	129lm/W	6.996lm	135lm/W			6.020lm	116lm/W	6.020lm	116lm/W	6.345lm	123lm/W
70,2W	32	700mA	4.102lm	58lm/W	7.371lm	105lm/W	7.831lm	112lm/W			6.660lm	95lm/W	6.660lm	95lm/W	7.020lm	100lm/W
80,4W	32	800mA			8.242lm	103lm/W	8.756lm	109lm/W			7.447lm	93lm/W	7.447lm	93lm/W	7.850lm	98lm/W



Technologies



Overstorm



OVERSTORM technology is designed for those luminaires that normally face electrically aggressive environments. It provides the product with three spheres of protection: In the outer sphere, an independent surge protector suppresses eventual voltage surges, in the intermediate sphere the drivers are prepared to withstand voltage peaks of up to 6 kV and 10kV. In the nuclear sphere, the protection in the LED module is provided both at its input, for small surges that have not been filtered by the external spheres.

SystemShield



SYSTEMSHIELD technology is designed to guarantee the hours of useful life of luminaires installed in environments where exceeding the maximum operating temperature is possible and even probable. Using thermal probes, the luminaire knows its operating temperature at all times.



CMR



CMR (CORA MANAGER READY) identifies the prilux luminaires compatible with the CORA MANAGER system that provides the luminaires with control, regulation and programming.

Warning



UNIVERSAL GROUPE OPTIQUE a été testé avec succès dans notre laboratoire dans 35°C température villa type de chambre lanterne.



Cora Manager

description



One of the key pieces to achieve the path towards smart cities is lighting. Lighting management systems are advancing by leaps and bounds, prioritizing primary objectives such as service quality, cost reduction and care for the environment. CORA Manager is the control system developed by Prilux that, together with our compatible luminaires that provides intelligent management of public lighting, maintaining harmony between sustainable development and quality of life for citizens, while promoting safety and saving.

Info



For more information on the different solutions compatible with this luminaire, consult the following BIDI codes or on the web www.prilux.es