



Vialed Evolution

High efficiency

Vialed is characterized for being a professional solution for public lighting projects, applied in all roadway configurations, the solution developed in the manufacturing center Construlita, favors the total control of the manufacturing quality processes of each product, where bodies or electronic systems of premium quality are implemented and even the detail applied to the assembly of LEDs, made to meet the criteria of acceptability of electronic assemblies, under the IPC-A-610 standard, the same level of quality required by the aerospace and military industry. The different configurations are UL certified, which provides each product with compliance to safety and quality standards that increase the competitiveness of the offer.

Certifications:

Warranty:

5 Years



General technical data:

Light source	Built-in LED
Nominal luminous flux (lm)	6,300 - 10,800
System Efficacy (lm/W)	>125
CCT	4000K/ 5000K
CRI	70
Beam angle	Tipo II M
Power	50W/ 70W/ 90W
Input voltage	127-277V~
Input Frequency	60 Hz
Power factor	>0.90
Total Harmonic Distortion (THD)	<10%
Operating Temperature	-20 to 50 °C
Driver	Integrated
Control	0-10V
Lifespan / LED maintenance	150,000h L70
Housing	Aluminium
Lens material	PMMA (Acrylic)
Finish	Electrostatic painting
Color	Grey
IP	66
IK	10
Mounting type	Pole

Order information:



Code construction example:
U1 050 UN 2M 40

Application	Consec.	Input Voltage	Curve	CCT
U1	050	UN- 127-277 V~	2M- Type II M	40- 4000K
	070			50- 5000K
	090			

Power	Nominal luminous flux	CRI	Control	Dimensions
50W	6,200	70	0-10V	510*280*115 mm
50W	6,200	70	0-10V	510*280*115 mm
70W	8,100	70	0-10V	510*280*115 mm
70W	8,100	70	0-10V	510*280*115 mm
90W	9,850	70	0-10V	510*280*115 mm
90W	9,850	70	0-10V	510*280*115 mm

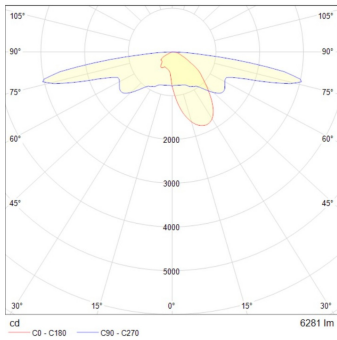
Energy efficiency:

CODE	Nominal luminous flux (lm)	Power (W)	System Efficacy (lm/W)
U1 050 UN 2M 40	6,281	50	125.52
U1 050 UN 2M 50	6,281	50	125.52
U1 070 UN 2M 40	8,096	69	117.94
U1 070 UN 2M 50	8,096	69	117.94
U1 090 UN 2M 40	9,841	90	109.13
U1 090 UN 2M 50	9,841	90	109.13

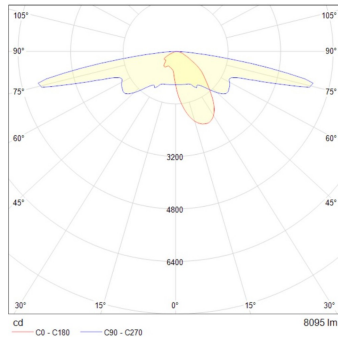
Input current:

Power (W)	Input current
50	0,397 - 0,190 A
50	0,397 - 0,190 A
69	0,560 - 0,270 A
69	0,560 - 0,270 A
90	0,560 - 0,270 A
90	0,560 - 0,270 A

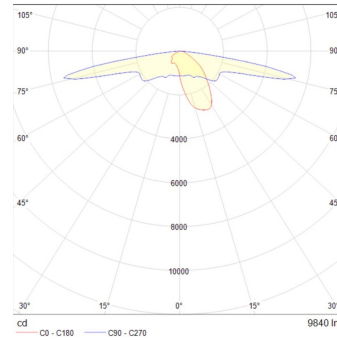
Photometric:



Vial Evolution 50W
Type IIM

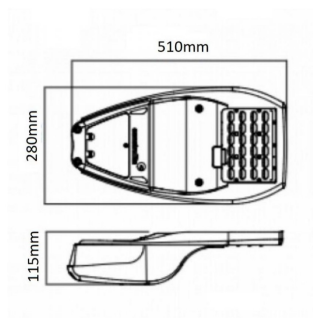


Vial Evolution 70W
Type IIM



Vial Evolution 90W
Type IIM

Product dimensions:



Vial Evolution 50W/
70W/ 90W

Downloads:

[Go to downloads section](#)