

Technical Specification

CANL-140-R

Product Name:	CANL-140-R
Category:	Canopy Light
Description:	Recessed 140W LED canopy light comprised of IP65 LED modules and driver and a corrosion resistant housing

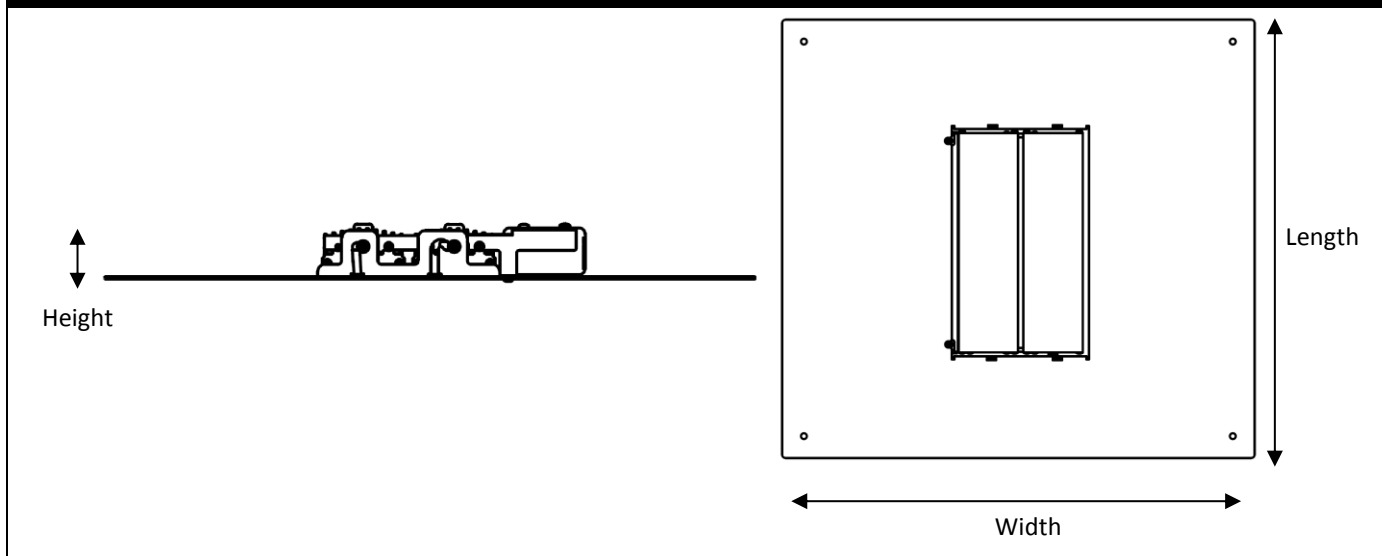


Photometrics:	Lumen Output = 16 627 lumen	Construction:	IP65 rated modules, IP67 rated driver
	Available in Cool White – 5700K		Aluminium heatsink anodised to 25 micron
	CRI > 70		3CR12 Stainless Steel, powder coated for durability
	Distribution optimized for petrol canopies		Heatsinks and housings manufactured in South Africa
	L70 > 60,000 hrs at Ta = 35° Celsius		Full luminaire designed and assembled by LEDwise
	High powered Osram LEDs		Modular design allows for custom power outputs
	IES Files available on request		
Power:	Max System Power Consumption = 134 W	Installation:	Hinged for ease of mounting and maintenance
	System efficacy of 124 lm/W		Mounting plate covers existing Bekatec cut-out
	Power factor > 0.99		Surface mount version available
	Occupancy / Light Sensing Available		Custom adaptor plates on request
	90 – 264VAC input voltage		Surge protection device available

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Dimensions



Product Code	Width (mm)	Length (mm)	Height (mm)
CANL-140-R	540	540	68

Electrical Characteristics

Parameter	Value	Unit
LED Drive Current	700	mA
Operating Voltage/Frequency	90-264/50-60	V AC/Hz
Dimming	Occupancy / Daylight on Request	-
Power	134.0	W
Power Factor	>0.96	-
Driver Efficiency	>90	%

Optical Characteristics

Product Code	LED Colour		Colour Temp (K)	Luminaire Intensity (lm) *	Bare LED Intensity (lm) **	Angle (°)	Min CRI	Fitting Colour
CANL-140-R	<input type="checkbox"/>	W	5700	16 627	19392	90	70	Wt

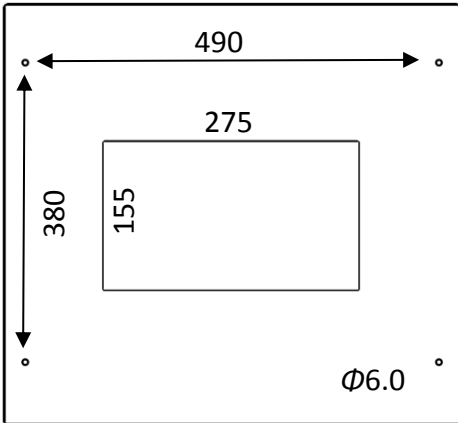
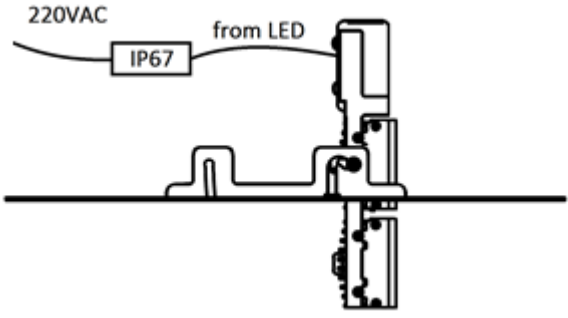
W = Cool White LED Colour

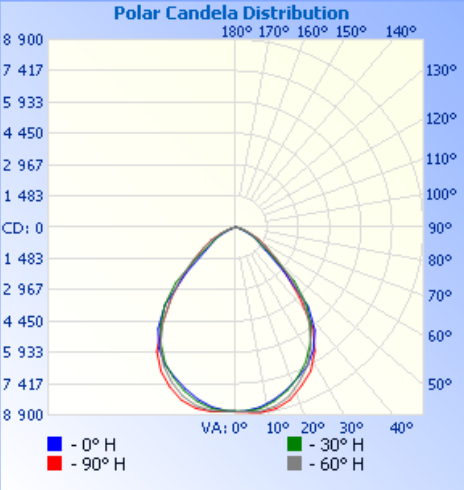
Wt = White

* Values accurate to within 10% ** At normal operating conditions (Tc = 85°C)

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Mounting Template	Wiring Diagram
	

Polar Candela Distribution Diagram	Illuminance at a Distance																												
	<table border="1"> <thead> <tr> <th></th> <th>Center Beam LUX</th> <th colspan="2">Beam Width</th> </tr> </thead> <tbody> <tr> <td>0.5M</td> <td>40 096.2 LUX</td> <td>0.9 M</td> <td>0.9 M</td> </tr> <tr> <td>0.9M</td> <td>10 024.1 LUX</td> <td>1.8 M</td> <td>1.7 M</td> </tr> <tr> <td>1.4M</td> <td>4 455.1 LUX</td> <td>2.7 M</td> <td>2.6 M</td> </tr> <tr> <td>1.9M</td> <td>2 506.0 LUX</td> <td>3.6 M</td> <td>3.5 M</td> </tr> <tr> <td>2.3M</td> <td>1 603.8 LUX</td> <td>4.4 M</td> <td>4.3 M</td> </tr> <tr> <td>2.8M</td> <td>1 113.8 LUX</td> <td>5.3 M</td> <td>5.2 M</td> </tr> </tbody> </table> <p> ■ Vert. Spread: 87.3° ■ Horiz. Spread: 85.6° </p>		Center Beam LUX	Beam Width		0.5M	40 096.2 LUX	0.9 M	0.9 M	0.9M	10 024.1 LUX	1.8 M	1.7 M	1.4M	4 455.1 LUX	2.7 M	2.6 M	1.9M	2 506.0 LUX	3.6 M	3.5 M	2.3M	1 603.8 LUX	4.4 M	4.3 M	2.8M	1 113.8 LUX	5.3 M	5.2 M
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Product Ordering Code				
Example: CANL-140-R-W-WT-D				
CANL-140	R	W	WT	D
Product Code	Recessed Mount	Cool White LED Colour	Fitting Colour	Dimmable (on request)

Document Info
CANL-140-R Rev 4