

# ORIZON



Choice of lighting levels up to 2560 lumens; over 750 lux @ 1 metre



Quick and easy to install; choice of fixing methods



Low profile design - only 11mm



Waterproof to IP66



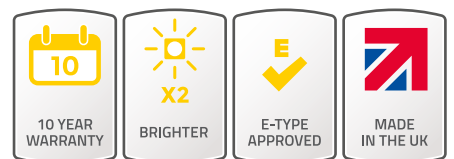
E-type approved



TECHNICAL SPECS OVERLEAF   
NOVEMBER 2018



DESIGNED FOR MULTI-SECTOR APPLICATIONS



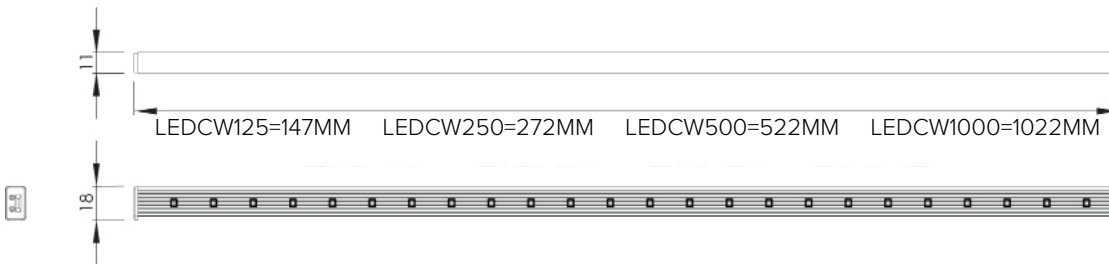
# ORIZON

**Choice of lighting levels & LED densities** - By using high output Cree LED technology the Orizon offers optimum performance and extended life. The properties of these LEDs give greater luminosity, allowing us to offer a brighter unit whilst using fewer LEDs to maintain low power draw. Standard lengths are at 522mm and 1022mm, both with a choice of 24/48 or 48/96 LEDs, and shorter lengths are also available at 147mm and 272mm.

**Quick and easy to install** - The LED strip can be installed in a variety of ways from simply using an adhesive strip to fixing with Orizon mounting caps or clips. The new polycarbonate clips allow for an additional mounting position at 45 degrees to create an angled light source, and also allows for vertical mounting.

**Low profile design** - At just 11mm deep and 18mm wide, the Orizon can be fitted in a multitude of applications without causing obstruction.

**Waterproof to IP66** - The PCB, components and LEDs are completely encased within a polycarbonate extrusion which protects against moisture ingress.



SPECIFICATION		ALL DIMENSIONS HAVE A TOLERANCE OF +/-1mm			
	12VDC	<b>LEDCW125 (6 LED - 12V)</b>	<b>LEDCW250 (12 LED - 12V)</b>	<b>LEDCW500 (24 LED - 12V)</b>	<b>LEDCW1000 (48 LED - 12V)</b>
Voltage Range	VDC	10-14	10-14	10-14	10-14
Average Current	A	0.12	0.24	0.44	1.0
Light Output	lm	160	320	640	1280
Watts	W	1.4W	3W	6W	12W
Weight	kg	0.05	0.22	0.08	0.15
Temp. Range	°C	-30 to +40	-30 to +40	-30 to +40	-30 to +40
IP Rating	IP	IP66	IP66	IP66	IP66
	24VDC	<b>LEDCW125/2 (6 LED - 24V)</b>	<b>LEDCW250/2 (12 LED - 24V)</b>	<b>LEDCW500/2 (24 LED - 24V)</b>	<b>LEDCW1000/2 (48 LED - 24V)</b>
Voltage Range	VDC	20-28	20-28	20-28	20-28
Average Current	A	0.06	0.12	0.22	0.5
Light Output	lm	160	320	640	1280
Watts	W	1.4W	3W	6W	12W
Weight	kg	0.05	0.22	0.08	0.15
Temp. Range	°C	-30 to +40	-30 to +40	-30 to +40	-30 to +40
IP Rating	IP	IP66	IP66	IP66	IP66

E & OE | Calculations based on average LED values @ 13.2V (for 12V models) and @ 26V (for 24V)

