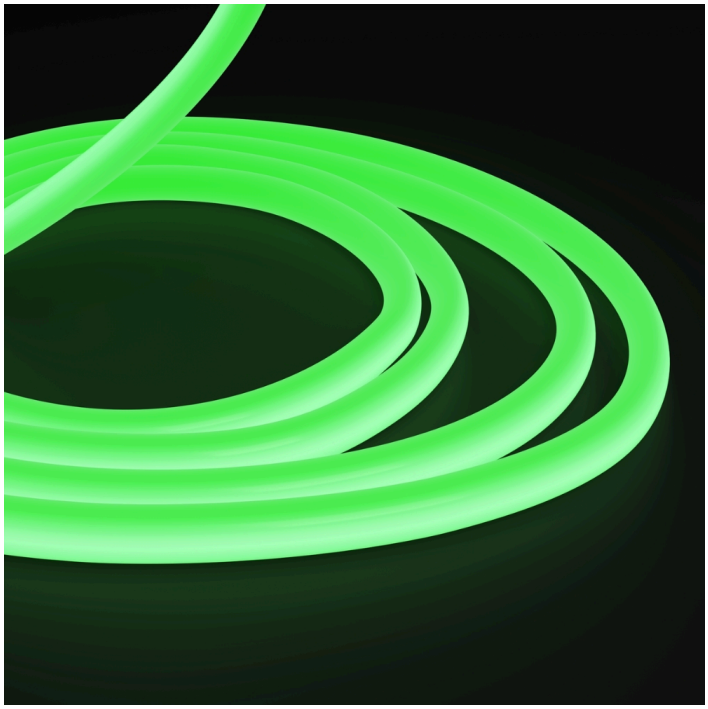
ITM002008



3oz PCB | HORIZ BEND | IP65 | >80 CRI | 6 MNTH

Key Features

- **Product Length:** 50m
- **Entry Cable Direction:** Top
- **Cable Length:** 2000m

Mechanical Data			
Bend Direction	Horizontal	Body Colour	White
Cable Both Ends	No	Cable Length	2000mm
Cable Sheath Material	PVC	Cable Weight	17AWG
Connector Type	Pin connector	Copper Foil Weight	3oz
Cut Points	83.33mm	Entry Cable Direction	Top
LED Chip Brand	Sanan	LED Chip Type	SMD5050
LED Module Replaceable	No	LEDs Per Metre	108
LEDs Per Unit	14	Min · Bend Radius	60mm
PCB Type	Flexible	Product Weight	17300g

Electrical Data			
Constant Voltage / Constant Current	CV	Current Max · @5 Metre	1.75M
Current Max · Blue @1 Metre	0.27 A	Current Max · Green @1 Metre	0.26 A
Current Max · Rated	5.25 A	Current Max · Red @1 Metre	0.22 A
Current Typ · @Max Run Length	5.25 A	Max · Run Length	15 m
Wattage Max · @1 Metre	18 W	Wattage Typ · @1 Metre	18 W
Wattage Typ · @5 Metre	90 W	Wattage Typ · @Max Run Length	270 W

Input Data			
Input Voltage	24 - 24		

Control Data			
Control Signal Input	PWM	Dimmable	Yes
Dimming Type	PWM		

Photometric Data			
Colour Type	RGB	CRI	80
Lumens Per Metre	440 Lm/m	Lumens Per Metre (Blue)	57Lm/m
Lumens Per Metre (Red)	121Lm/m	Lumens Per Watt	24Lm/W
SDCM	<3	Wavelength Blue	465 - 475
Wavelength Green	520 - 530	Wavelength Red	630 - 620

Environment Data			
Anti-Yellowing	No	Application Environment	Interior
Body Material	PVC	Ingress Protection (IP)	IP65
Interior or Exterior Use	Interior or Exterior	Saltwater Resistant	No
Solvent Resistant	No	UV Resistant	Yes

Protection Data			
Electrical Safety Class	II		

Efficiency Data			
L70B50	36000 Hours	Rated Life	36000 Hours

Packaging & Shipping Data			
End Caps Included	yes	Mounting Brackets Included	yes

Disclaimer

Ultra LEDs have taken reasonable care to ensure that the information in this datasheet is accurate at time of publication however it should be noted that all specifications are subject to tolerance. Descriptive specifications such as colour are subjective. Ultra LEDs reserve the right to update specifications without notice. The information in the datasheet may only be relied on by customers of Ultra LEDs in accordance with applicable terms and conditions.