HORTITEK®

ECO UNDERLIGHT 140W
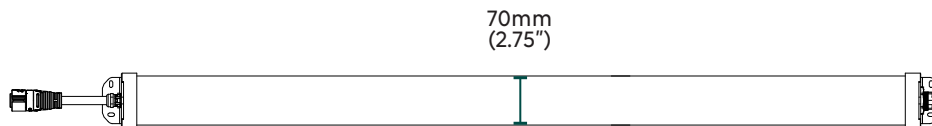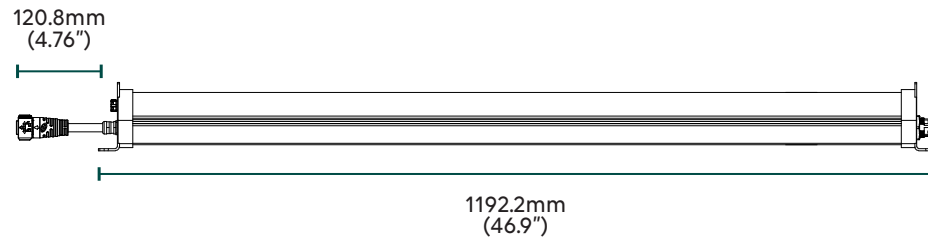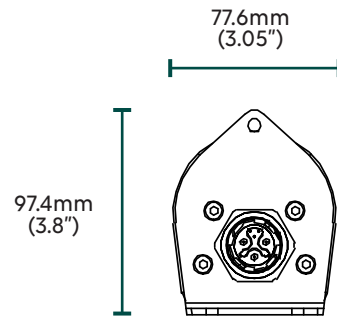
INSTRUCTION MANUAL

SAFETY NOTES

- The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.
- To reduce the risk of strangulation the flexible wiring connected to this luminaire shall be effectively fixed to the wall if the wiring is within arm's reach.
- If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
- Keep away from hot objects and open flames.
- Avoid touching during operation.
- Ensure that there is no visible damage before installing or using this product.
- Ensure that selected power supply is switched OFF during installation.
- Do not install underwater or in water soaked areas.
- Do not attempt to service or replace LEDs yourself.

PRODUCT SPECIFICATIONS

Product Code	M4850			M4851		
Spectra	R			W		
Power	140W					
Voltage Range / Frequency	120-277Vac ~ 50/60Hz					
Voltage	**120V**	**208V**	**220V**	**230V**	**240V**	**277V**
Current	1.22A	0.71A	0.68A	0.65A	0.62A	0.56A
Max No. of Fixtures Power & Signal Chaining	5 LEDs	10 LEDs	10 LEDs	12 LEDs	12 LEDs	12 LEDs
Nominal PPF Efficacy	2.90µmol/J			2.85µmol/J		
Max PPF Efficacy	3.3µmol/J @25%			3.0µmol/J @25%		
Max PPF	406µmol/s			399µmol/s		
CCT	3000K			5800K		
CRI	60%			82%		
PF	>0.98					
THD	<10%					
Beam Angle	150°					
External Control	0-9V LED Control					
Power and Signal Extension	1.5m or 5m Extension Cable (Sold Seperately)					
Thermal Management	Passive					
BTU/h	478					
Dimensions	1192.2x77.6x97.4mm | 46.9x3.1x3.8"					
Weight	3.05kg | 6.7lbs					
Protection	Over-Voltage, Under-Voltage, Short Circuit, Over-Temperature					
Working Temperature	0°C to 40°C / 32°F to +104°F (95% RH)					
Storage Temperature	-40°C to +70°C / -40°F to +158°F (85% RH)					
IP Rating	IP66					
Warranty	2 Years					
Certificates						

DIMENSIONS (mm/inch)

77.6mm
(3.05")

97.4mm
(3.8")

120.8mm
(4.76")

1192.2mm
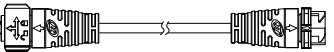(46.9")

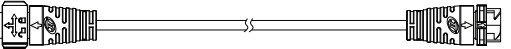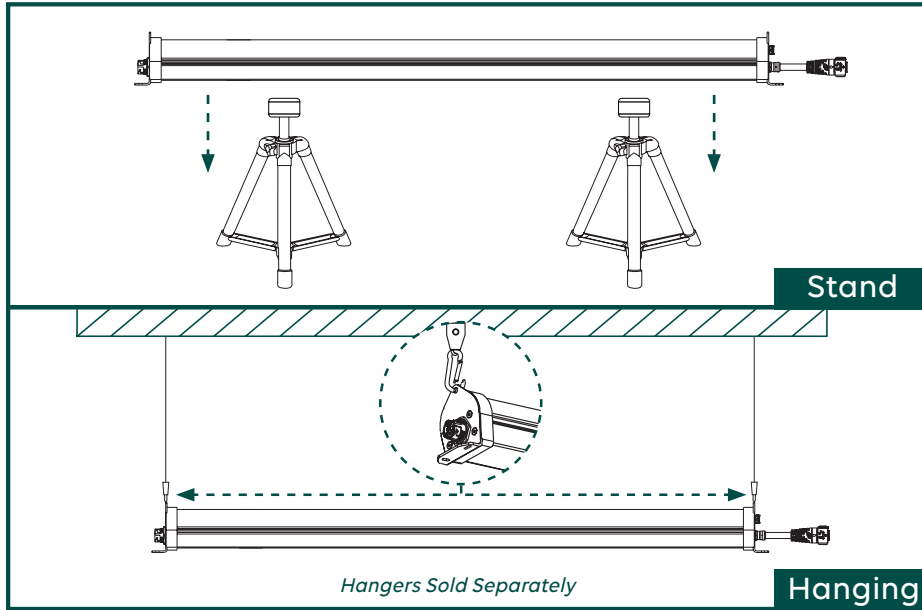70mm
(2.75")
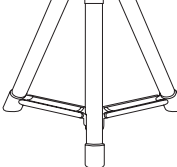
BOX CONTENTS

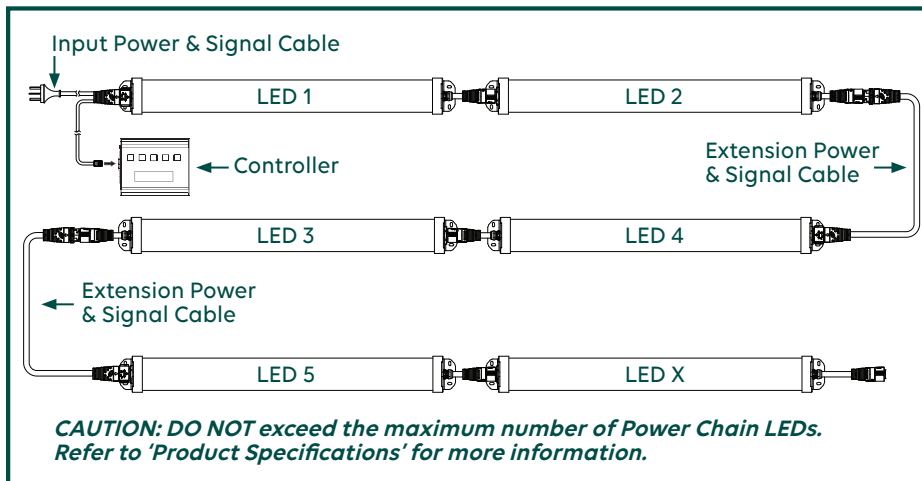| x1 | LED Fixture |
x1	Input Power 2.5m and Signal Cable 5m
x2	Adjustable Stand
x1	Extension Power & Signal Cable 1.5m *Sold Separately*
x1	Extension Power & Signal Cable 5m *Sold Separately*

INSTALLATION

Stand

Hangers Sold Separately

Hanging

CONNECTING MULTIPLE UNITS

Connect the output of LED 1 into the input of LED 2 when connecting inline.
For longer connections use the 1.5/5m Extension Power & Signal Cable.
Once all connections are made, use the Input Power & Signal Cable to turn on and control LEDs.

Input Power & Signal Cable

LED 1   LED 2

Controller

Extension Power & Signal Cable

LED 3   LED 4

Extension Power & Signal Cable

LED 5   LED X

CAUTION: DO NOT exceed the maximum number of Power Chain LEDs. Refer to 'Product Specifications' for more information.

WARRANTY - CONTACT YOUR RETAILER FOR WARRANTY CLAIMS AND SUPPORT

The company guarantees the mechanical and electronic components of this product. It ensures the materials and workmanship is free of defects, if used under normal operating conditions.

If there are any defects with this product that relate to the workmanship or the materials used, the company shall, at its discretion, either replace or repair the product.

However, improper use is NOT covered by warranty. This includes but is not limited to, overloading, user error, physical or water damage.

Warranty is valid for a period of two years from the original date of purchase.

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