



HORTI-BLAZE™

INSTALLATION INSTRUCTIONS



THIS PRODUCT IS HIGH VOLTAGE. TAKE EXTRA CARE DURING INSTALLATION.

PLEASE ENSURE YOU HAVE READ THE FOLLOWING INSTRUCTIONS THOROUGHLY AND CAN UNDERTAKE THE REQUIRED ACTIONS BEFORE COMMENCING INSTALLATION.

IF YOU HAVE ANY QUERIES, PLEASE CONSULT OUR TECHNICAL SUPPORT DEPARTMENT BEFORE PROCEEDING.



IMPORTANT SAFETY INFORMATION

Please read instructions carefully and in their entirety. For Commercial or Industrial use only. (Not For Residential Use)



ENGLISH

CAUTIONS

- ⚠ Always turn off power before installation, inspection, cleaning, or removal.
- ⚠ Do NOT bend the cable beyond its specified bend radius (~70mm).
- ⚠ Make sure all connections made are tight with no loose strands and with an appropriate IP rating.
- ⚠ Do NOT hot-plug, use dimmers, or switches on the DC side. Doing so will invalidate the warranty.
- ⚠ Do NOT reverse polarity.
- ⚠ Allow sufficient slack on supply cable to remove the luminaire from its position for any further maintenance.
- ⚠ Ensure supply cable is not in direct contact with any sharp objects.

ENVIRONMENTAL INSTALLATION CONDITIONS

- ⚠ Please note, luminaire and power supply unit ingress protection rating when deciding location.
- ⚠ Luminaire suitable for dry, damp, and wet locations (IP66).
- ⚠ NOT to be stored or mounted exposed directly to the weather or excessive moisture.
- ⚠ *Minimum 100mm [4"] distance between adjacent lighting equipment.
- ⚠ *Minimum 100mm [4"] distance between lighting equipment and combustible materials (e.g. walls, ceilings)
- ⚠ *Minimum 100mm [4"] distance between lighting equipment and other heat generating equipment (i.e. PSU).
- ⚠ Suitable for operation in an ambient temperature between 0°C (32°F) and 40°C (104°F).
- ⚠ Suitable for storage and shipping in a temperature between -30°C (-22°F) and 85°C (185°F)
- ⚠ Ensure the chosen location provides adequate airflow to allow passive cooling.

DISCLAIMER

- ⚠ All images are representative and may not be the actual product supplied, depending on the ordering options.
- ⚠ Avoid staring directly into light beam.
- ⚠ Wear appropriate Personal Protective Equipment (PPE) during installation and maintenance, such as safety glasses and helmet.
- ⚠ The product should be installed by a suitably qualified individual following National Electric Codes (NEC) and local codes/regulation.
- ⚠ Take extreme care when working with mains voltages.
- ⚠ There are NO user-serviceable parts inside this unit. Do NOT attempt any repairs yourself. Doing so will void the manufacturer's warranty.
- ⚠ During operation, the housing may become hot. Avoid touching the unit with bare hands while in use.
- ⚠ Do NOT allow the product to operate in ambient temperatures above the maximum ambient stated on the datasheet. Doing so will void any warranty.
- ⚠ Do NOT use aggressive cleaning agents. Any warranty will not cover any chemical damage to the seals.
- ⚠ Do NOT attempt to install more than one luminaire per PSU as per instructions.
- ⚠ Only use supplied components for installation.

**Imperial units are for reference only*



PREPARE ELECTRICAL WIRING (UL ONLY)

ELECTRICAL REQUIREMENTS

ACCEPTABLE FOR USE IN DRY, DAMP AND WET LOCATION
FOLLOW ALL NATIONAL ELECTRIC CODES (NEC) AND LOCAL CODES



CAUTION!

RISK OF SHOCK.

DISCONNECT POWER BEFORE RELAMPING



WARNING!

POSSIBLE RISK OF INJURY TO EYES AND SKIN



Electrical products must be disposed of at an environmentally friendly disposal point in accordance with local regulations. Contact your local authorities for advice.

For latest installation instructions, visit <https://verticallyurban.com/resources/>



Visit Vertically Urban's
Linktree

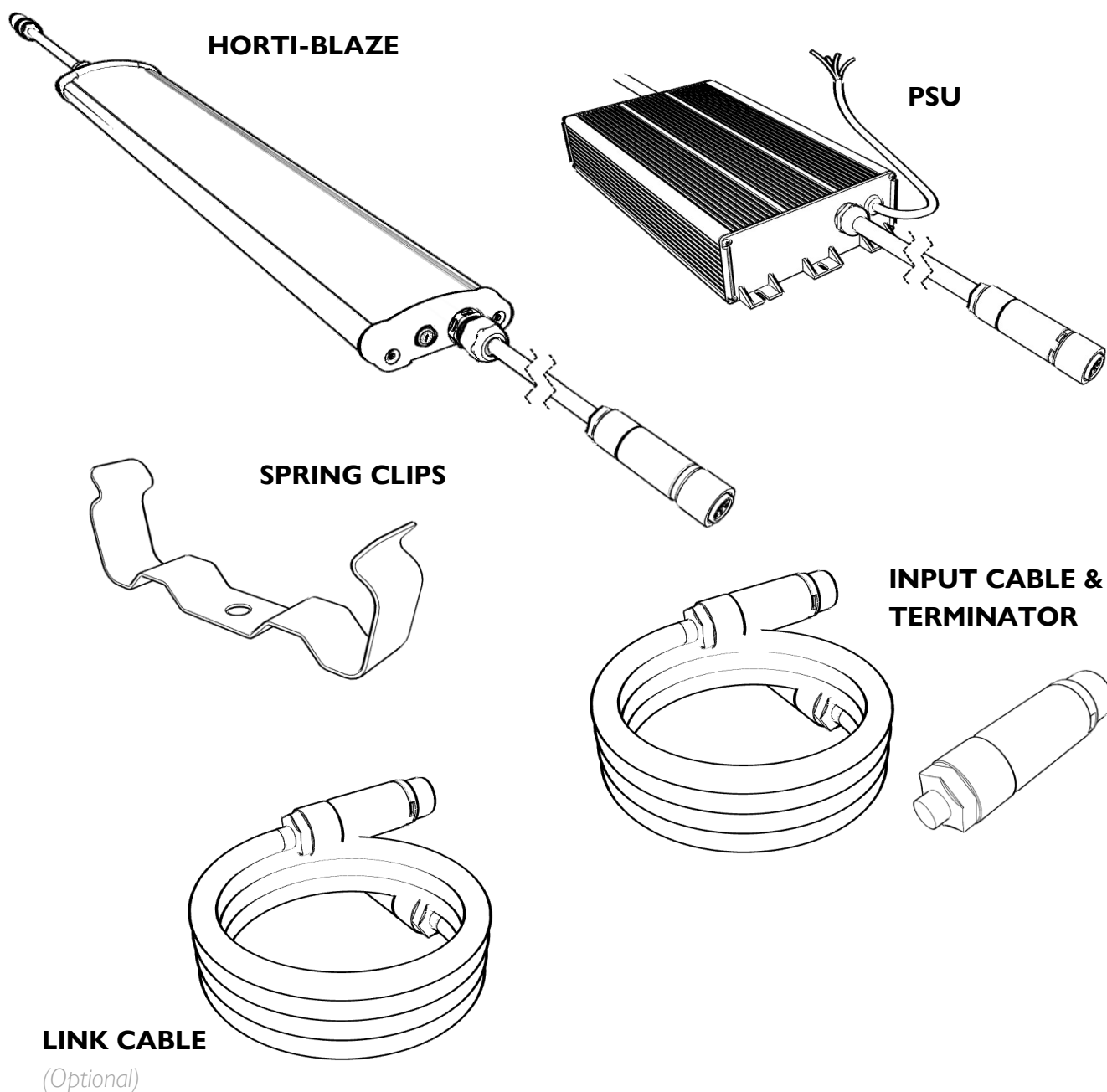


REVISION TABLE				
REVISION	DATE	COMMENTS	AUTHOR	APPROVED BY
A	25/04/2023	DOCUMENT CREATED	M. ASH	L. GIBSON
B	15/09-2023	ADDITION OF CERTIFICATION MARK & AC VOLTAGE ADJUSTMENT	L. GIBSON	M. BRUMPTON
C	26/09/2023	ADDITION OF BZ06	M. BRUMPTON	L. GIBSON
D	06/11/2023	HOT PLUGGING/ DIMMING WARNING UPDATED	M. BRUMPTON	L. GIBSON
E	21/11/2023	320W PSU ADDITION TO SPECIFICATION TABLE, UPDATED CLIP SCREW RECOMMENDATION	L. GIBSON	C. GEORGE
F	30/10/2025	UPDATE TO SPECIFICATION TABLE RESTRICTING BZ05 PSU OPTIONS AND RUN LENGTH	L. GIBSON	
G	23/06/2026	CONVERSION TO SINGLE LANGUAGE & CERTIFICATION UPDATE	L. GIBSON	

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COMPONENTS LIST



P/N	Description	Cable Length	Terminator Included?
018137	1m / 3.3ft Link Cable	1m [3.3']	N
018109	1m / 3.3ft Input Cable & Terminator	1m [3.3']	Y
018180	3m / 9.8ft Input Cable & Terminator	3m [9.8']	Y
018181	5m / 16.4ft Input Cable & Terminator	5m [16.4']	Y
018178	10m / 32.8ft Input Cable & Terminator	10m [32.8']	Y

SPECIFICATIONS

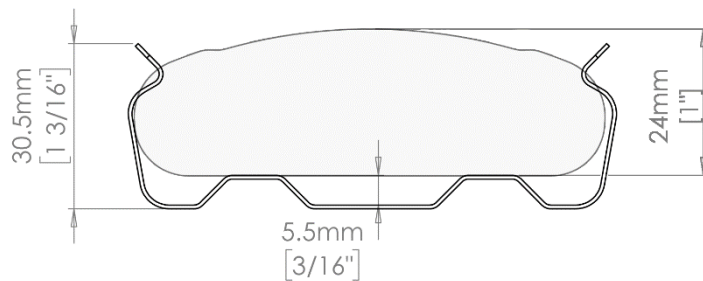
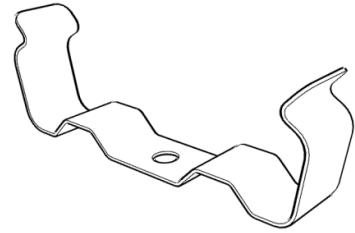
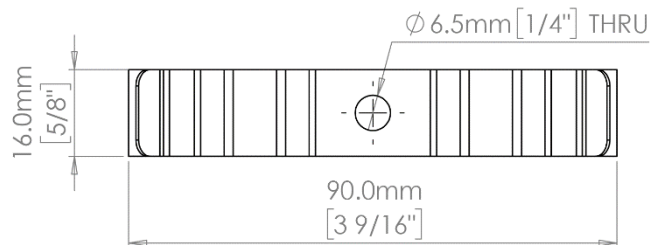
Part No.	Spectrum	Length (mm ['])	Power (W)	Input Current (mA)	600W PSU (North America)		600W PSU (Global)		320W PSU (North America)		320W PSU (Global)	
					Compatible PSU	Units per PSU	Compatible PSU (Global)	Units per PSU	Compatible PSU (North America)	Units per PSU	Compatible PSU (Global)	Units per PSU
018154	BZ01	603 [2']	30	1500	018177 (100-277 VAC) OR 018176 (277-480 VAC)	13-20	018270 (100-240VAC) OR 018263 (277-480 VAC)	13-20	020358 (100-277VAC) OR 020360 (277-480VAC)	4-9	020362 (100-240 VAC) OR 020364 (277-480 VAC)	4-9
018155		1186 [4']	59			7-10		7-10		2-4		2-4
018156		1769 [6']	89			5-6		5-6		2-3		2-3
018157		2352 [8']	118			4-5		4-5		1-2		1-2
018095	BZ03	603 [2']	30	1750	018103 (100-277 VAC) OR 018104 (277-480 VAC)	13-20	018271 (100-240 VAC) OR 018266 (277-480 VAC)	13-20	020357 (100-277VAC) OR 020359 (277-480VAC)	4-10	020361 (100-240 VAC) OR 020363 (277-480 VAC)	4-10
018096		1186 [4']	59			7-10		7-10		2-5		2-5
018097		1769 [6']	89			5-6		5-6		2-3		2-3
018098		2352 [8']	118			4-5		4-5		1-2		1-2
018160	BZ05	603 [2']	30	1750	018103 (100-277 VAC*) OR 018104 (277-480 VAC)	20	018271 (100-240VAC) OR 018266 (277-480 VAC)	13-20	N/A		020361 (100-240 VAC) OR 020363 (277-480 VAC)	4-10
018161		1186 [4']	59			10		7-10				2-5
018162		1769 [6']	89			6		5-6				2-3
018163		2352 [8']	118			5		4-5				1-2
019114	BZ06**	603 [2']	30	1425	N/A		018323 (100-240VAC) OR 020003 (277-480VAC)	13-20	N/A	4-8	020368 (100-240 VAC) OR 020367 (277-480 VAC)	4-8
018264		1186 [4']	61					7-10		2-4		2-4
018224		1769 [6']	91					5-6		2 only		2 only
019115		2352 [8']	122					4-5		1-2		1-2

*277VAC permissible ONLY

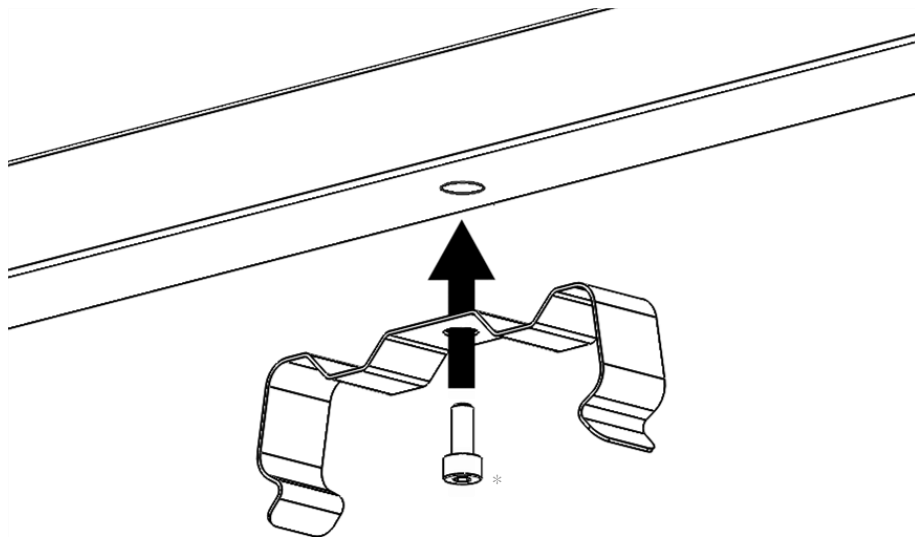
**Not available in North America

CONTACT VERTICALLY URBAN IF MIXING VARIOUS LENGTHS OF FITTINGS

SPRING CLIPS

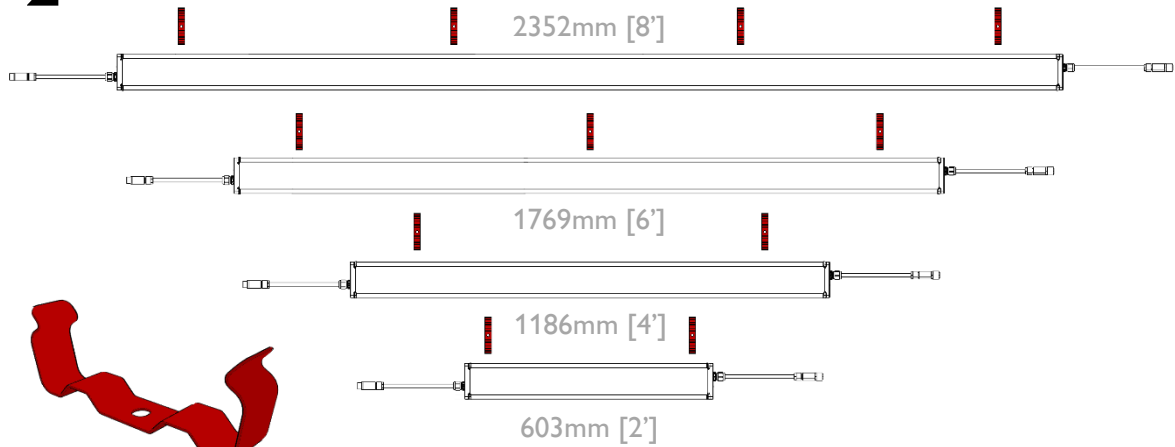


1

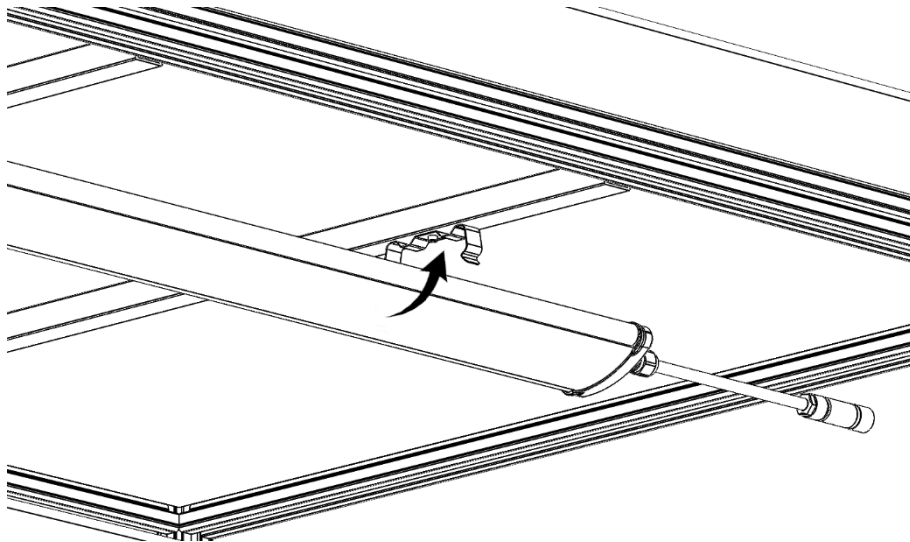


*USE APPROPRIATE M6 / 1/4" UNC

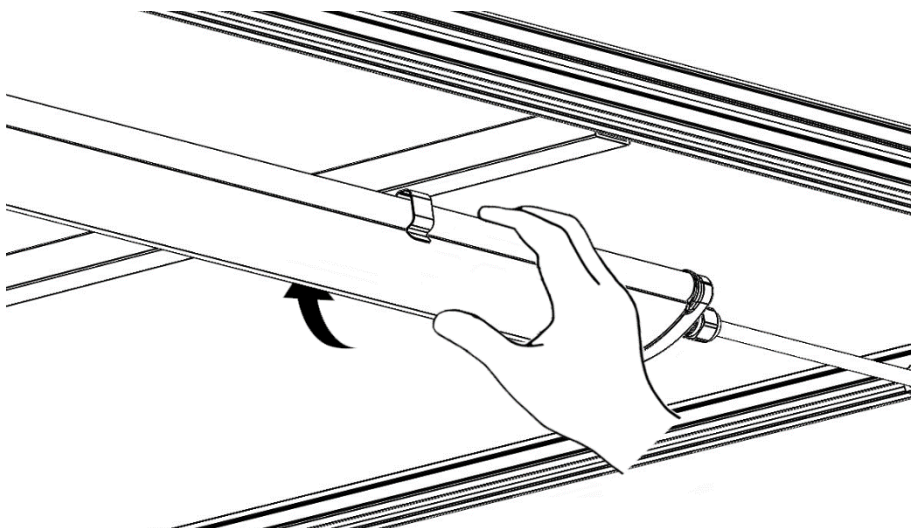
2



3



4



RECOMMENDED CONNECTION METHODS

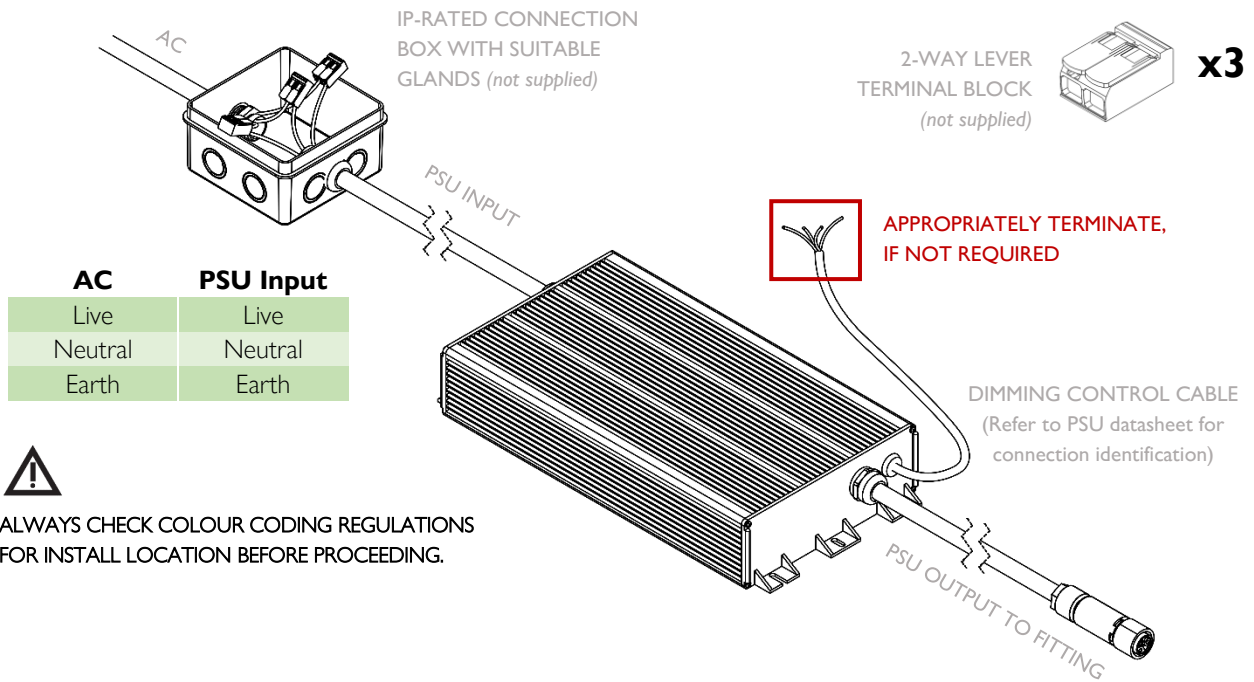


CAUTION!

RISK OF SHOCK
DISCONNECT POWER BEFORE RELAMPING

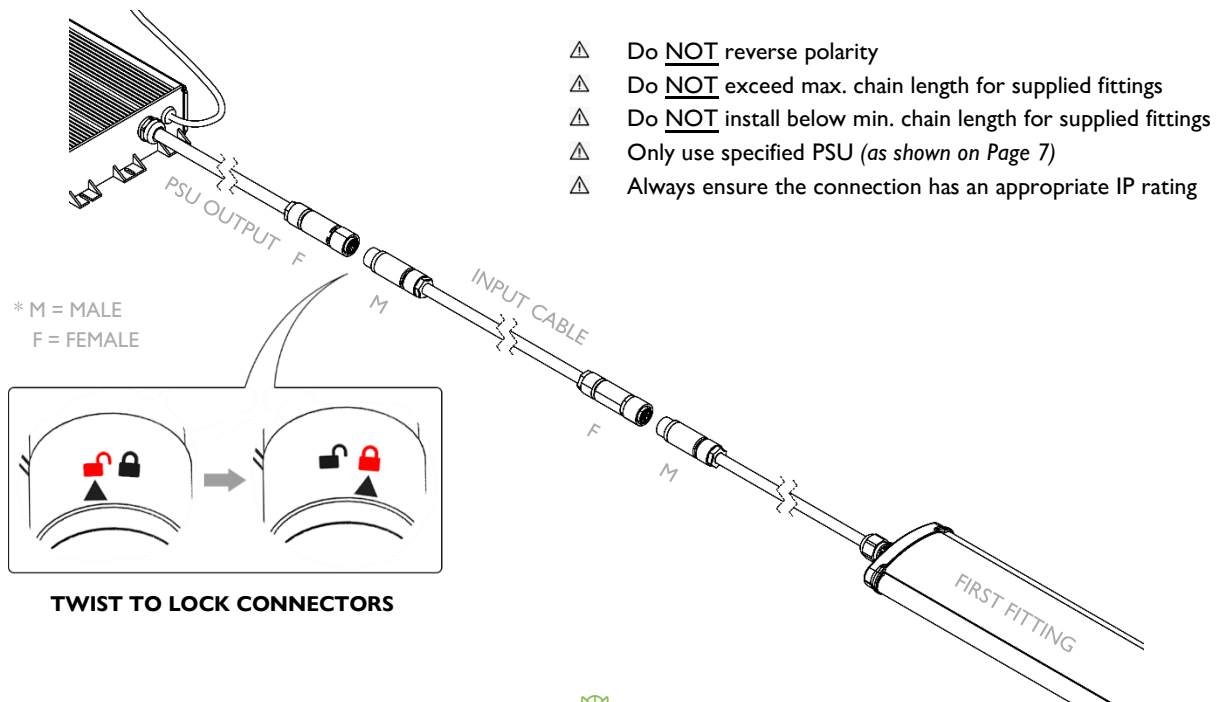
MAINS TO PSU (SINGLE PHASE POWER)

CONNECTION EXAMPLE FOR ILLUSTRATION
PURPOSES **ONLY**

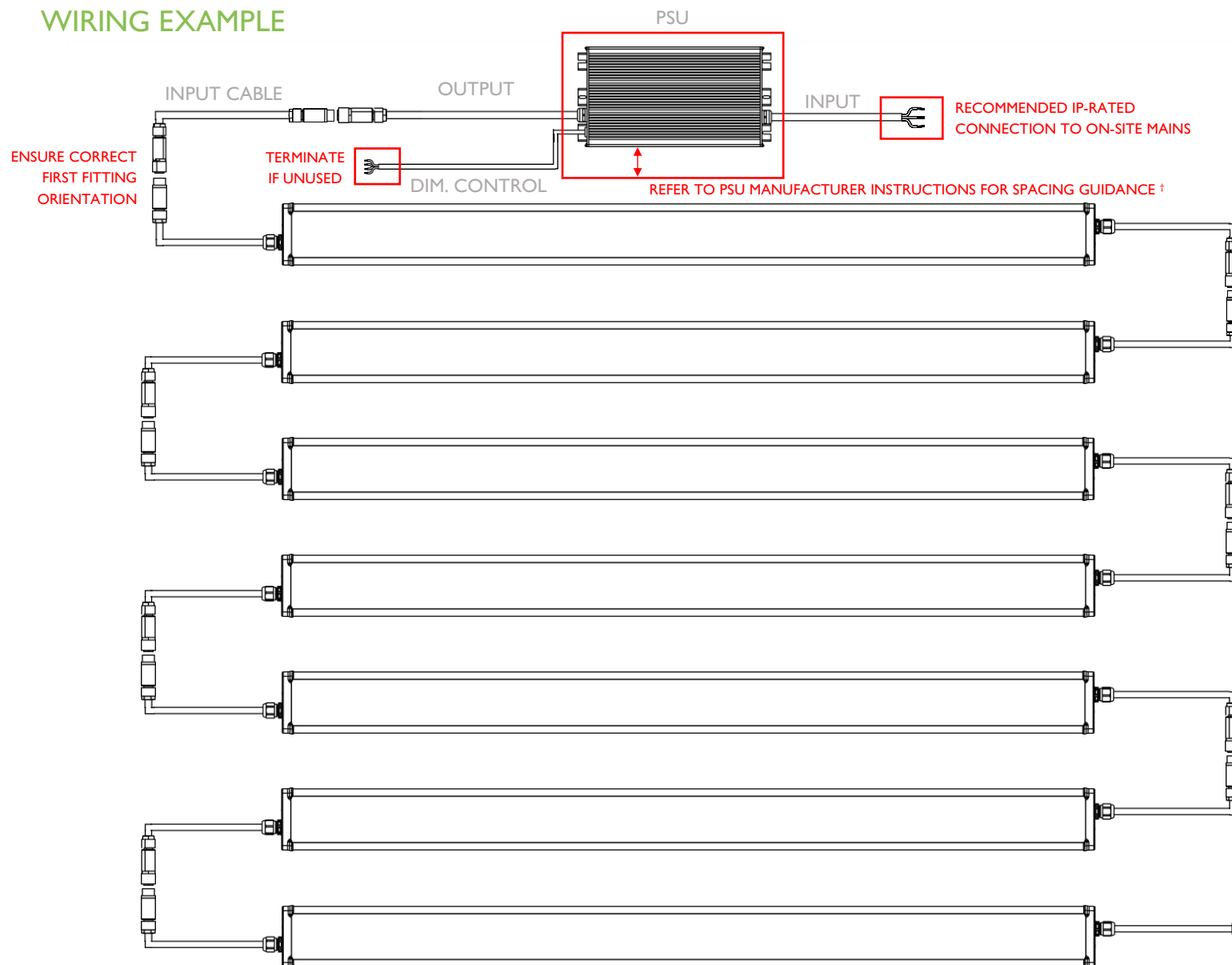


ALWAYS CHECK COLOUR CODING REGULATIONS FOR INSTALL LOCATION BEFORE PROCEEDING.

PSU TO FIRST FITTING



WIRING EXAMPLE



EXAMPLE SCHEMATIC

Part No.	018155
Spectrum	BZ01
Length (mm ['])	1186 [4']
Compatible PSU (North America)	018177 (100-277 VAC) or 018176 (277-480 VAC)
Compatible PSU (Global)	018270 (100-277 VAC) or 018263 (277-480 VAC)
Power (W)	59
Input Current (mA)	1500
Units per PSU	7-10

REFER TO TABLE ON PAGE 7

* Supplied terminator MUST BE inserted into the last luminaire in the 'Daisy Chain' to retain IP rating and complete the circuit

† Refer to PSU datasheet for detailed install data

⚠ Only use specified PSU (as shown on Page 7)

- ⚠ Do NOT hot-plug
- ⚠ Do NOT reverse polarity
- ⚠ Do NOT exceed the maximum chain length for supplied fittings
- ⚠ Do NOT install below minimum chain length for supplied fittings
- ⚠ HORTI-BLAZE™ is a Class II product and as such does NOT require connection to Earth

3-PHASE POWER WIRING



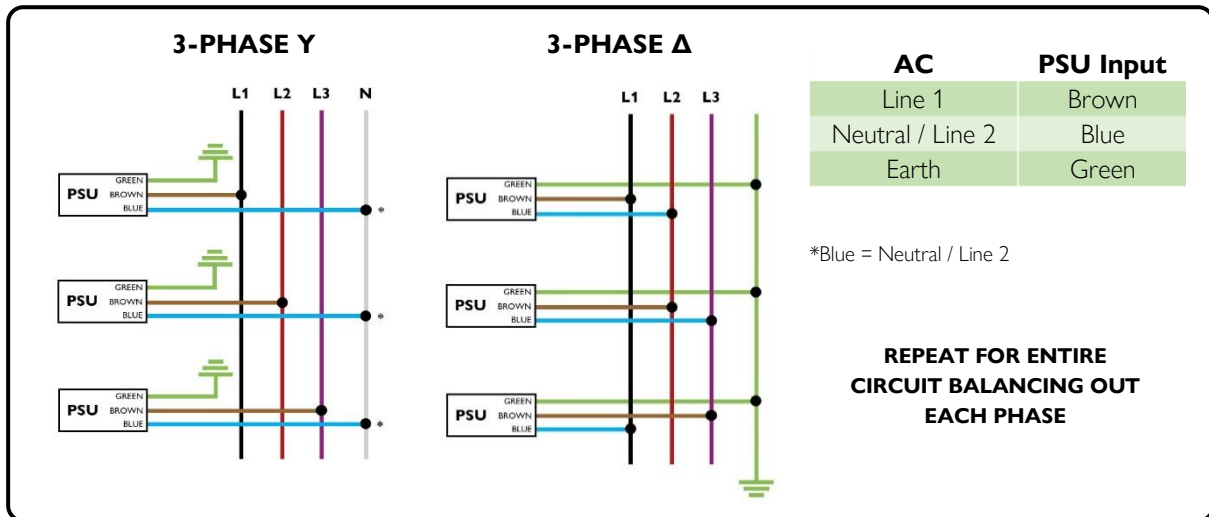
CAUTION! / ATTENTION!

RISK OF SHOCK. / RISQUE D'ÉLECTROCUTION.

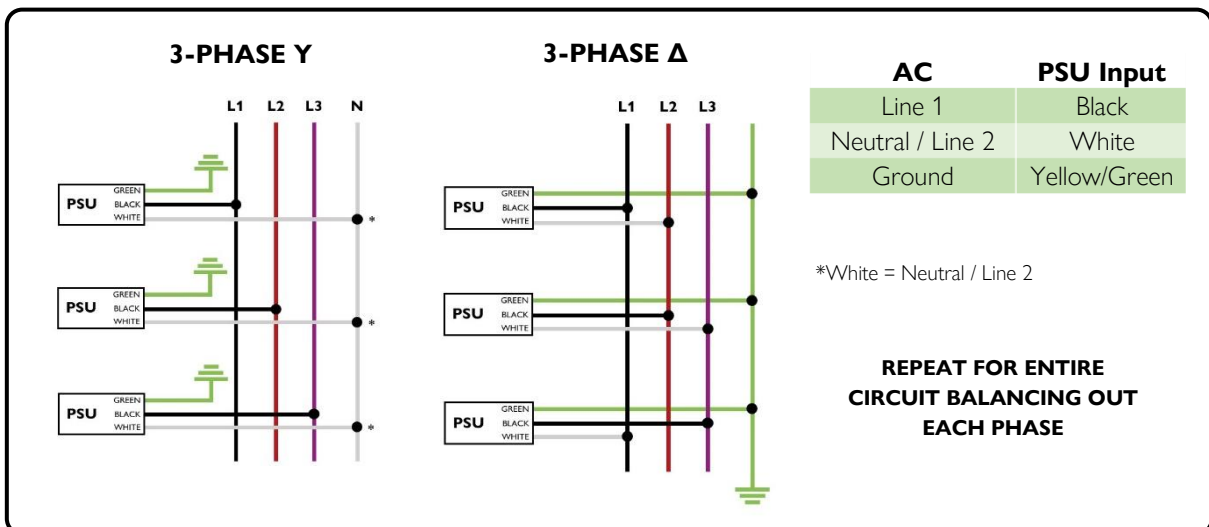
DISCONNECT POWER BEFORE RELAMPING /

DÉBRANCHER L'ALIMENTATION AVANT DE REMPLACER LA LAMPE.

GLOBAL



NORTH AMERICA



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