

HORTICULTURE LED LINEAR LIGHT

The PhotonMAX Horticulture LED LINEAR LIGHT delivers powerful lighting in a sleek form factor, ideal for supplemental and sole source applications. Designed for maximum utilization of natural light in greenhouse applications, as well as high intensity vertical farming crops, the linear light provides an extraordinary blend of performance, high output and photon efficacy for greenhouse and indoor growers of all crop types. Growers can choose from three spectra options to target the specific plant morphological responses needed for their application. A lightweight, linkable design and multiple mounting options offers ease of installation for large-scale use.



DIMENSIONS: Please see page 3 for dimensional drawings.

PERFORMANCE:

- Linkable up to 3 units for 200W and 2 units for 300W
- Available in 200W and 300W delivering up to 2.8 μ mol/J
- LED Light Source
- Autosensing 120-277V or 347-480V with 0-10V dimming standard
- Photon Flux Maintenance Q90 >36,000 hours at 40°C (104°F) per IESNA TM-21

MECHANICAL:

- Dimensions up to 3.1" x 3.26" x 48"
- Weighs up to 13.7 lbs

FINISHES:

- White painted signal white powder coat finish

SPECTRUM:

Available in 3 spectras

- BPRX: Broad Par with Heavy 660nm
- BPBX: Broad Par with Heavy 450nm
- FSRX: Full Spectrum with Heavy Red 660nm

CONSTRUCTION:

- Extruded aluminum body with sealed silicone gaskets to keep out any moisture or dust IP65
- PMMA Lens silicone seal protected
- Passive thermal management

MOUNTING:

- Provided with two corrosion resistant, stainless steel, C-brackets for quick and easy installation
- Optional aircraft cable

CERTIFICATION:

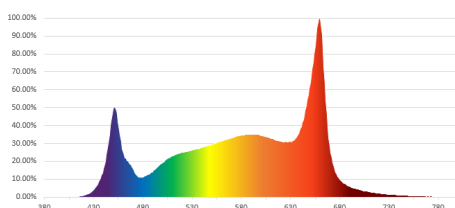
- cULus Wet Location Listed
- LM79/LM80 Compliant
- RoHS Compliant
- IP65 Rated

WARRANTY:

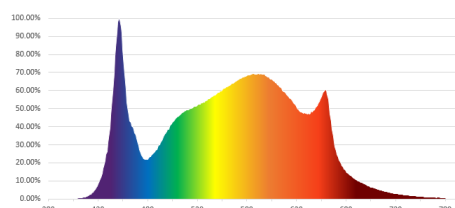
5-year standard warranty* (further details available at www.maxlite.com/warranties)

*Product may be eligible for a warranty extension to 10 years, for an additional fee. Contact MaxLite for details.

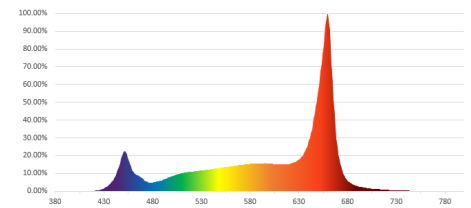
BPRX



BPBX



FSRX





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MODEL SELECTION		Typical order example: PH-LI300UBPRX-W											
PH	-	LI											W
FAMILY		SUB-FAMILY		NOMINAL WATTAGE		VOLTAGE		SPECTRA				FINISH	
PH= PHOTONMAX		LI= HORTICULTURE LED LINEAR LIGHT		200= 200W 300= 300W		U= 120-277V H= 347-480V		BPRX= BROAD PAR WITH HEAVY 660NM BPBX= BROAD PAR WITH HEAVY 450NM FSRX= FULL SPECTRUM WITH HEAVY 660NM				W= WHITE	

Not all product variations listed on this page are DLC qualified. Visit www.designlights.org/search to confirm qualification.

SPECIFICATIONS:

		Nominal 200W											
Item	Specification	BPRX	BPBX	FSRX	BPRX	BPBX	FSRX	BPRX	BPBX	FSRX	BPRX	BPBX	FSRX
General Performance	Operating Voltage	120V			277V			347V			480V		
	Input Power (W)	192.30	200.63	198.60	187.95	195.91	195.52	185.51	195.94	190.39	184.07	193.34	190.34
	Input Current (A)	1.67	1.67	1.67	0.72	0.72	0.72	0.58	0.58	0.58	0.42	0.42	0.42
	PPF (µmol/s)	491	491	533	491	491	533	491	491	533	491	491	533
	Heat Output (BTU's)	628	660	649	628	660	649	628	660	649	628	660	649
	Q90	Photon Flux Maintenance Q90 >36,000 hours at 40°C (104°F) per IESNA TM-21											
	PPE (µmol/J)	2.6	2.5	2.7	2.6	2.5	2.7	2.7	2.5	2.8	2.7	2.5	2.8
Physical	Product Dimensions	3.1" x 3.26" x 48"											
	Housing	Extruded aluminum with die-cast end-cap											
	Product Weight	13.67 lbs. (6.2 kg)											
Certification	Environment	Wet location rated											
	Warranty	5 Years											
	Operating Temperature	0° to 40°C											
	Humidity	10% - 90% RH, non condensing											
	Certification	UL Lists, IP65											
Qualification	DLC Horticulture	DLC Horticulture qualified											

SPECIFICATIONS:

		Nominal 300W			
Item	Specification	BPRX			
General Performance	Operating Voltage	120V	277V	347V	480V
	Input Power (W)	302.51	295.32	289.97	288.17
	Input Current (A)	2.50	1.10	0.86	0.63
	PPF (µmol/s)	761			
	Heat Output (BTU's)	1032	1007	989	983
	Q90	Photon Flux Maintenance Q90 >36,000 hours at 40°C (104°F) per IESNA TM-21			
	PPE (µmol/J)	2.5	2.6	2.6	2.6
Physical	Product Dimensions	3.1" x 3.26" x 48"			
	Housing	Die-cast aluminum			
	Product Weight	13.67 lbs. (6.2 kg)			
Certification	Environment	Wet location rated			
	Warranty	5 Years			
	Operating Temperature	0° to 40°C			
	Humidity	10% - 90% RH, non condensing			
	Certification	UL Lists, IP65			



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ORDERING:

ORDER CODE	MODEL	DESCRIPTION	DLC PRODUCT ID
103377	PH-LI200UBPRX-W	PHOTONMAX 200W LINEAR LED, WHITE FINISH, 120-277V, BROAD PAR WITH HEAVY 660NM	H-90GHU5S
14102044	PH-LI200UFSRX-W	PHOTONMAX 200W LINEAR LED, WHITE FINISH, 120-277V, FULL SPECTRUM WITH HEAVY 660NM	H-PPXD0VX
14102045	PH-LI200UBPBX-W	PHOTONMAX 200W LINEAR LED, WHITE FINISH, 120-277V, BROAD PAR WITH HEAVY 660NM	H-90GHU5S
14102046	PH-LI200HBPRX-W	PHOTONMAX 200W LINEAR LED, WHITE FINISH, 347-480V, BROAD PAR WITH HEAVY 660NM	H-90GHU5S
14102047	PH-LI200HFSRX-W	PHOTONMAX 200W LINEAR LED, WHITE FINISH, 347-480V, FULL SPECTRUM WITH HEAVY 660NM	H-PPXD0VX
14102048	PH-LI200HBPBX-W	PHOTONMAX 200W LINEAR LED, WHITE FINISH, 347-480V, BROAD PAR WITH HEAVY 660NM	H-90GHU5S
14102049	PH-LI300UBPRX-W	PHOTONMAX 300W LINEAR LED, WHITE FINISH, 120-277V, BROAD PAR WITH HEAVY 660NM	N/A
14102050	PH-LI300HBPRX-W	PHOTONMAX 300W LINEAR LED, WHITE FINISH, 120-277V, BROAD PAR WITH HEAVY 660NM	N/A

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OPTIONS:

ORDER CODE	MODEL	DESCRIPTION
103752	PH-LIO6FT3W	6 FT. 3-WIRE BLACK STANDARD CORD
103753	PH-LIO6FT5W	6 FT. 5-WIRE BLACK STANDARD CORD
103754	PH-LIO3FTJCW	3 FT. JOINT CONNECT WIRE
103756	PH-LIO6FT5-15P	6 FT. 120V NEMA 5-15P (120V, 15A)
103760	PH-LIO6FTL7-20P	6 FT. 277V NEMA L7-15P (277V, 15A)
103761	PH-LIO6FTL24-20P	6 FT. 347V NEMA L24-20P (347V, 20A)
103763	PH-LIO6FTL8-20P	6 FT. 480V NEMA L8-20P (480V, 20A)
103755	PH-LIODBOX	DISTRIBUTION BOX

DIMENSIONS:

