

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:

- 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:

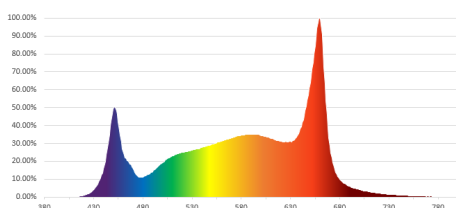
- cULus Wet Location Listed
- LM79/LM80 Compliant
- RoHS Compliant
- IP65 Rated

WARRANTY:

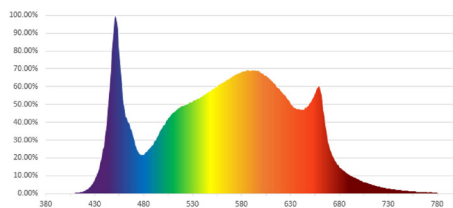
5-year standard warranty* (further details available at www.maxlite.com/warranties)

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

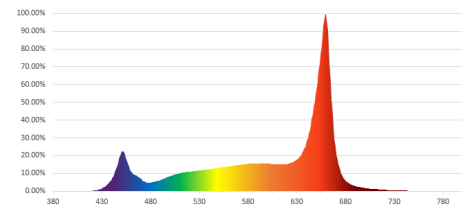
BPRX



BPBX



FSRX



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MODEL SELECTION		Typical order example: PH-LI300UBPRX-W											
PH	-	LI											
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.

*Please order your choice of cord separately when you order the fixture.

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	10.6 lbs (4.8 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				BPBX			
General Performance	Operating Voltage	120V	277V	347V	480V	120V	277V	347V	480V
	Input Power (W)	302.51	295.32	289.97	288.17	287.7	281.6	277.5	275.6
	Input Current (A)	2.50	1.10	0.86	0.63	2.5	1.1	0.86	0.63
	PPF (μmol/s)	761	761	761	761	679	679	679	679
	Heat Output (BTU's)	1032	1007	989	983	982	961	947	940
	PPE (μmol/J)	2.5	2.6	2.6	2.6	2.40	2.40	2.50	2.50
	Q90	Photon Flux Maintenance Q90 >36,000 hours at 40°C (104°F) per IESNA TM-21							
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 450NM	H-FC80IGQ
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 450NM	H-FC80IGQ
14102049	PH-LI300UBPRX-W	PHOTONMAX 300W LINEAR LED, WHITE FINISH, 120-277V, BROAD PAR WITH HEAVY 660NM	H-3ND7YTO
14102050	PH-LI300HBPRX-W	PHOTONMAX 300W LINEAR LED, WHITE FINISH, 347-480V, BROAD PAR WITH HEAVY 660NM	H-3ND7YTO
104834	PH-LI300UBPBX-W	PHOTONMAX 300W LINEAR LED, WHITE FINISH, 120-277V, BROAD PAR WITH HEAVY 450NM	H-SXOXRGN
104841	PH-LI300HBPBX-W	PHOTONMAX 300W LINEAR LED, WHITE FINISH, 347-480V, BROAD PAR WITH HEAVY 450NM	H-SXOXRGN

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OPTIONS:

ORDER CODE	MODEL	DESCRIPTION
105283	PH-LI10FT3L	PHOTONMAX LINEAR LED 10FT 3-WIRE BLACK & BARE CORD
105284	PH-LI10FT5L	PHOTONMAX LINEAR LED 10FT 5-WIRE BLACK & BARE CORD
105279	PH-LI10FT5-15P	PHOTONMAX LINEAR LED 10FT 5-15-WIRE BLACK & BARE CORD
105281	PH-LI10FTL7-20P	PHOTONMAX LINEAR LED 10FT L7-20-WIRE BLACK & BARE CORD
105280	PH-LI10FTL24-20P	PHOTONMAX LINEAR LED 10FT L24-20-WIRE BLACK & BARE CORD
105282	PH-LI10FTL8-20P	PHOTONMAX LINEAR LED 10FT L8-20-WIRE BLACK & BARE CORD
105332	PH-LI10FT3W	PHOTONMAX LINEAR LED 10FT 3-WIRE WHITE & BARE CORD
105333	PH-LI10FT5W	PHOTONMAX LINEAR LED 10FT 5-WIRE WHITE & BARE CORD
103754	PH-LI03FTJCW	PHOTONMAX LINEAR LED 3FT JOINT CONNECT WIRE WHITE
105331	PH-LI03FTJCL	PHOTONMAX LINEAR LED 3FT JOINT CONNECT WIRE BLACK
104872	PH-LI06FT5L	PHOTONMAX LINEAR LED 6FT 5-WIRE WHITE & BARE CORD
103753	PH-LI06FT5W	PHOTONMAX LINEAR LED 6FT 5-WIRE BLACK & BARE CORD
103752	PH-LI06FT3W	PHOTONMAX LINEAR LED 6FT 3-WIRE BLACK & BARE CORD
103756	PH-LI06FT5-15P	PHOTONMAX LINEAR LED 6FT 5-15-WIRE BLACK & BARE CORD
103760	PH-LI06FTL7-20P	PHOTONMAX LINEAR LED 6FT L7-20-WIRE BLACK & BARE CORD
103761	PH-LI06FTL24-20P	PHOTONMAX LINEAR LED 6FT L24-20-WIRE BLACK & BARE CORD
103763	PH-LI06FTL8-20P	PHOTONMAX LINEAR LED 6FT L8-20-WIRE BLACK & BARE CORD

LINKABLE NUMBER OF FIXTURES:

MODEL	120V	208V	240V	277V	347V	480V
200W	3	5	6	7	9	12
300W	2	3	4	5	6	8

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DIMENSIONS:

