

LED SPOT LIGHT

The MaxLite, **LED SPOT LIGHT** delivers powerful lighting, in a sleek form factor ideal for supplemental and sole source applications. The lighting solution offers an extraordinary blend of performance, high output and photon efficacy. With 4 spectra combinations to choose from, our tailored spectra can meet all your various application needs. A slim form factor and light weight design offers ease of installation for large scale use with multiple mounting options.



DIMENSIONS: Please see page 2 for dimensional drawings.

PERFORMANCE:

- Available in 360W and 600W delivering up to 2.3µmol/J
- LED Light Source
- Autosensing 120-277V or 347-480V with 0-10V dimming standard.
- Photon Flux Maintenance Q90 >54000 hours at 40°C (104°F) per IESNA TM-21.
- DesignLights Consortium® Qualified* (DLC)

MECHANICAL:

- Dimensions up to 18.77" x 16.73" x 5"
- Weight up to 35 lbs.

FINISHES:

- The LED Spot Light is protected with a TGIC polyester powder coat "Signal White" satin finish to withstand corrosion while maintaining color during the course of the product's life.

SPECTRUM:

Available in 4 options

- BXRF: Blue 450nm with Heavy Red 660nm and Far Red 730nm
- FSRF: Full Spectrum with Heavy Red 660nm and Far Red 730nm
- BPRX: Broad Par with Heavy 660nm
- BPRF: Broad Par with Heavy 660nm and Far Red 730nm

CONSTRUCTION:

- Die Cast Aluminum housing with sealed silicone gaskets to keep out any moisture or dust IP66
- Tempered Glass Lens silicone seal protected.
- Active thermal management via two cooling fans

MOUNTING:

- Provided with two corrosion resistant, stainless steel, C-Brackets for quick and easy installation.
- Optional Chain Mount (Chain not included, provided by others)
- Optional Aircraft Cable (See accessory table for ordering information)

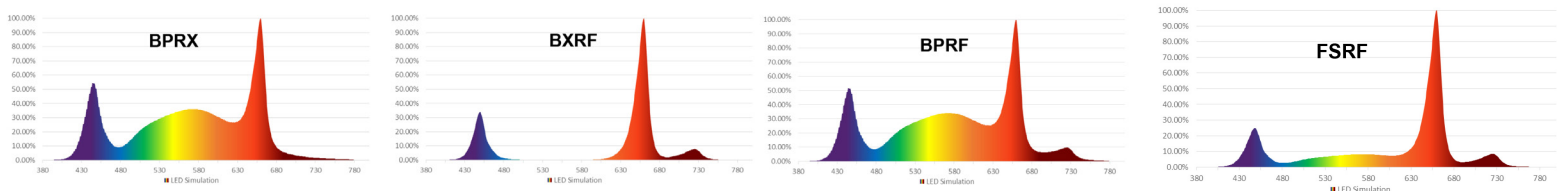
CERTIFICATION:

- cULus Wet Location Listed
- LM79/LM80 Compliant
- ROHS Compliant
- IP66 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.





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MODEL SELECTION		Typical order example: PH-GH600HBPRX-WCO									
PH	-	GH				-					
FAMILY	-	SUB-FAMILY	NOMINAL WATTAGE	VOLTAGE	SPECTRA	-	FINISH	CORD	OPTIONS		
PH= PHOTONMAX	-	GH= GREENHOUSE	360= 360W 600= 600W	U= 120-277V H= 347-480V	BXRF FSRF BPRX BPRF	-	W= WHITE G= GRAY B= BRONZE L= BLACK	CO= OPEN WIRE LEADS C1= 10FT 125V NEMA 5-15P C2= 10FT 277V NEMA L7-20P C3= 10FT 347V NEMA L24-20P C4= 10FT 480V NEMA L8-20P	PR7= NEMA 7 PIN PHOTOCELL RECEPTABLE Blank= No Options		

SPECIFICATIONS:

Item	360W Model's Specification	Spectra Option's								
		BPRX	BPRX	BPRF	BPRF	BXRF	BXRF	FSRF	FSRF	
General Performance	Operating Voltage	120-277V	347-480V	120-277V	347-480V	120-277V	347-480V	120-277V	347-480V	
	Input Power (W)	369.8	362.3	362.1	353.4	340.5	333.9	362.3	350.1	
	Input Current	(120V @ 3.0 A, 277V @ 1.3 A) (347V @ 1.04 A, 480V @ .75 A)								
	PPF (μmol/s)	755.2	755.2	680.1	680.1	699.8	699.8	753.2	753.2	
	Heat Output (BTU's)	1261.8	1236.4	1235.5	1205.9	1161.8	1139.3	1236.2	1194.6	
	Photon Flux Maintenance Q90	Photon Flux Maintenance Q90 >54000 hours at 40°C (104°F) per IESNA TM-21								
	Efficacy (μmol/J)	2.04	2.08	1.9	1.92	2.1	2.1	2.08	2.15	
Physical	Product Dimensions	18.77" x 16.73" x 5"								
	Housing	Die-cast aluminum								
	Product Weight	Up to 35lb. (16 kg)								
Certification	Environment	Wet location rated								
	Warranty	5 Years								
	Operating Temperature	0° to 40°C								
	Humidity	10% - 90% RH, non condensing								
	Certification	UL listed, IP66								

SPECIFICATIONS:

Item	600W Model's Specification	Spectra Option's								
		BPRX	BPRX	BPRF	BPRF	BXRF	BXRF	FSRF	FSRF	
General Performance	Operating Voltage	120-277V	347-480V	120-277V	347-480V	120-277V	347-480V	120-277V	347-480V	
	Input Power (W)	578.3	559.9	582.9	564.4	545.8	539.6	591.4	586.2	
	Input Current	(120V @ 5.0 A, 277V @ 2.2 A) (347V @ 2.2 A, 480V @ 1.25 A)								
	PPF (μmol/s)	1143.7	1143.7	1088.5	1088.5	1234.7	1234.7	1224.2	1224.2	
	Heat Output (BTU's)	1973.2	1910.5	1988.9	1925.8	1862.3	1841.2	2017.9	2000.3	
	Photon Flux Maintenance Q90	Photon Flux Maintenance Q90 >54000 hours at 40°C (104°F) per IESNA TM-21								
	Efficacy (μmol/J)	2	2.04	1.87	1.93	2.1	2.3	2.07	2.09	
Physical	Product Dimensions	18.77" x 16.73" x 5"								
	Housing	Die-cast aluminum								
	Product Weight	Up to 35lb. (16 kg)								
Certification	Environment	Wet location rated								
	Warranty	5 Years								
	Operating Temperature	0° to 40°C								
	Humidity	10% - 90% RH, non condensing								
	Certification	UL listed, IP66								



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ORDERING:

ORDER CODE	MODEL	DESCRIPTION	DLC PRODUCT ID
14100185	PH-GH360HBPRF-WCO	PHOTONMAX GREENHOUSE LED, WHITE FINISH, 347-480V, BROAD PAR WITH HEAVY 660NM AND FAR RED 730NM	H-3QARLRM
14100182	PH-GH360HBPRX-WCO	PHOTONMAX GREENHOUSE LED, WHITE FINISH, 347-480V, BROAD PAR WITH HEAVY 660NM	H-805QTSD
14100183	PH-GH360HBXRF-WCO	PHOTONMAX GREENHOUSE LED, WHITE FINISH, 347-480V, BLUE 450NM, HEAVY RED 660NM AND FAR RED 730NM	H-HNWS710
14100184	PH-GH360HFSRF-WCO	PHOTONMAX GREENHOUSE LED, WHITE FINISH, 347-480, FULL SPECTRUM WITH HEAVY RED 660NM, AND FAR RED 730NM	H-5ZB5FFM
14100180	PH-GH360UBPRF-WCO	PHOTONMAX GREENHOUSE LED, WHITE FINISH, 120-277V, BROAD PAR WITH HEAVY 660NM AND FAR RED 730NM	H-3QARLRM
14100177	PH-GH360UBPRX-WCO	PHOTONMAX GREENHOUSE LED, WHITE FINISH, 120-277V, BROAD PAR WITH HEAVY 660NM	H-805QTSD
14100178	PH-GH360UBXRF-WCO	PHOTONMAX GREENHOUSE LED, WHITE FINISH, 120-277V, BLUE 450NM, HEAVY RED 660NM AND FAR RED 730NM	H-HNWS710
14100179	PH-GH360UFSRF-WCO	PHOTONMAX GREENHOUSE LED, WHITE FINISH, 120-277V, FULL SPECTRUM WITH HEAVY RED 660NM, AND FAR RED 730NM	H-5ZB5FFM

ORDERING:

ORDER CODE	MODEL	DESCRIPTION	DLC PRODUCT ID
14100176	PH-GH600HBPRF-WCO	PHOTONMAX GREENHOUSE LED, WHITE FINISH, 347-480V, BROAD PAR WITH HEAVY 660NM AND FAR RED 730NM	H-7NQNOF4
14100174	PH-GH600HBPRX-WCO	PHOTONMAX GREENHOUSE LED, WHITE FINISH, 347-480V, BROAD PAR WITH HEAVY 660NM	H-X4ULRZ7
14100172	PH-GH600HBXRF-WCO	PHOTONMAX GREENHOUSE LED, WHITE FINISH, 347-480V, BLUE 450NM, HEAVY RED 660NM AND FAR RED 730NM	H-3U28DER
14100173	PH-GH600HFSRF-WCO	PHOTONMAX GREENHOUSE LED, WHITE FINISH, 347-480, FULL SPECTRUM WITH HEAVY RED 660NM, AND FAR RED 730NM	H-AQOOUR2
14100171	PH-GH600UBPRF-WCO	PHOTONMAX GREENHOUSE LED, WHITE FINISH, 120-277V, BROAD PAR WITH HEAVY 660NM AND FAR RED 730NM	H-7NQNOF4
14100169	PH-GH600UBPRX-WCO	PHOTONMAX GREENHOUSE LED, WHITE FINISH, 120-277V, BROAD PAR WITH HEAVY 660NM	H-X4ULRZ7
14100167	PH-GH600UBXRF-WCO	PHOTONMAX GREENHOUSE LED, WHITE FINISH, 120-277V, BLUE 450NM, HEAVY RED 660NM AND FAR RED 730NM	H-3U28DER
14100168	PH-GH600UFSRF-WCO	PHOTONMAX GREENHOUSE LED, WHITE FINISH, 120-277V, FULL SPECTRUM WITH HEAVY RED 660NM, AND FAR RED 730NM	H-AQOOUR2

OPTIONS:

ORDER CODE	MODEL	DESCRIPTION
74138	MLCHKLSU15	Y CABLE WITH GRIPPER CINCH AND TOGGLES 15'



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DIMENSIONS:

