

PHOTONMAX 600W & 1200W SPOTLIGHT

PhotonMax™

The PhotonMax LED Spotlight series is available in multiple wattages and spectral distributions to maximize yields with growth-specific spectrums. Ideal for commercial operations, the 600W and 1200W models are available in two spectral types, full spectrum and heavy red. Designed with innovative heat dissipation technology, PhotonMax fixtures are uniquely suited to the demands of growing environments. A single source COB Flip Chip provides high-output light that delivers sensational canopy penetration.



600W



COB OPTO FLIP CHIP

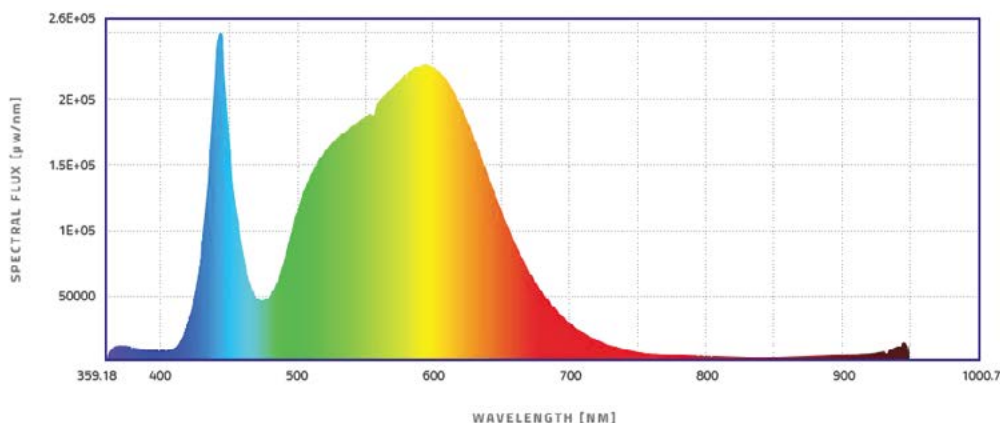


1200W

FEATURES:

- Fixed Spectrum: Full spectrum and Heavy Red
- Fan-free, passive cooling technology
- Adjustable Mounting swivel bracket with up to 270° range of motion
- Corrosion-free, durable surface finish
- Power Factor: > 0.98
- Single Source COB Flip Chip
- Meanwell Driver's

SPECTRAL ANALYSIS:



Shown for 600W & 1200W operation



PHOTONMAX 600W & 1200W SPOTLIGHT

SPECIFICATIONS:

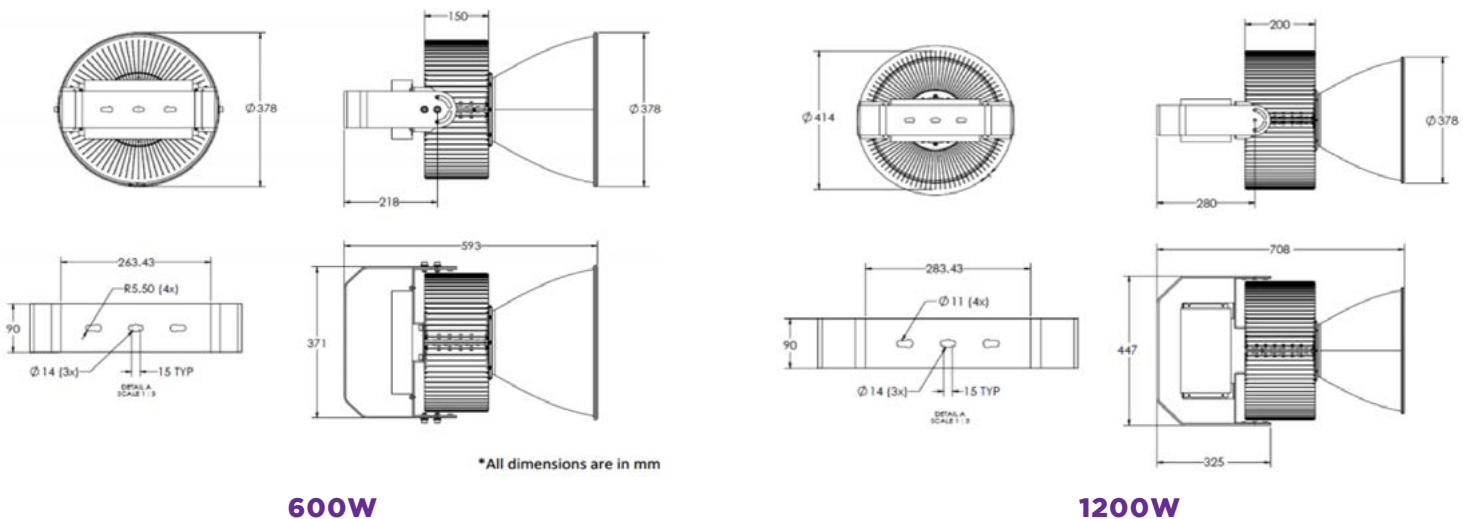
		PH-SL600UF-L	PH-SL1200UF-L
ITEM	SPECIFICATION	DETAILS	
GENERAL PERFORMANCE	BTU's Per Hour	2,047	4,094
	PPFD 24" Center (Full Spectrum)	1,353	2,175
	Lifetime (L70 @ 25°C)	>50,000 Hours	
ELECTRICAL	Input Voltage	120-277VAC	
PHYSICAL	Dimensions	14.9' x 14.9' x 23.4'	17.6'x16.3'x27.9'
	Weight	38.6 lbs	55.2 lbs
	Operating Temperature	-40°F to 158°F	
CERTIFICATION	Certification	ETL	
	Material Usage	RoHS Compliant; No Mercury	
	Environment	IP65	
	Warranty	5 Year Warranty	

MODEL SELECTION

TYPICAL ORDER EXAMPLE: PH-SL600UF-L

PH	-	SL				L
FAMILY	-	TYPE	NOMINAL WATTAGE	VOLTAGE	SPECTRUM	FINISH
PH= PhotonMax	-	SL= Spotlight	600= 600W 1200= 1200W	U= 120-277V H= 347-480V	F= Full D= Dual	L= Black

DIMENSIONS:



600W

1200W



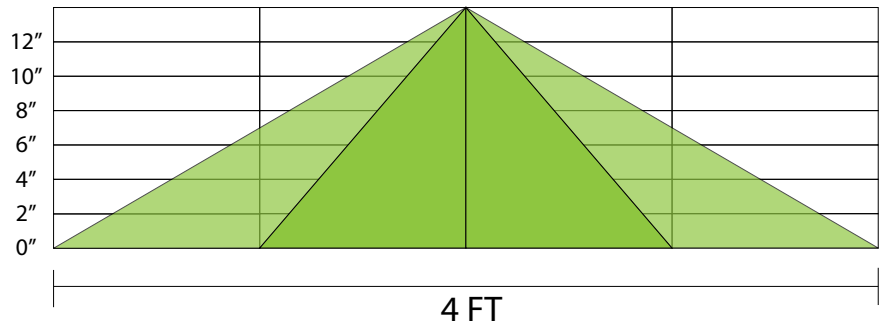
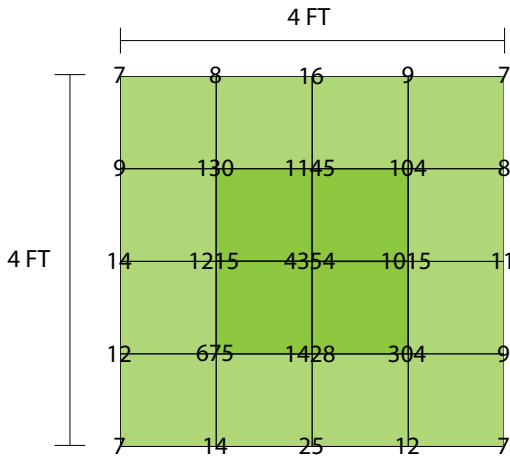
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PPFD GRAPH: Each measurement on the map represents exact spot within grid, taken with fixture at center of illuminated area. Grid represents 4' x 4' (or 6' x 6') plane; each square represents 1'x1'. Measurements listed in PPFD (umol/m2/s); taken with apogee Quantum Sensor.

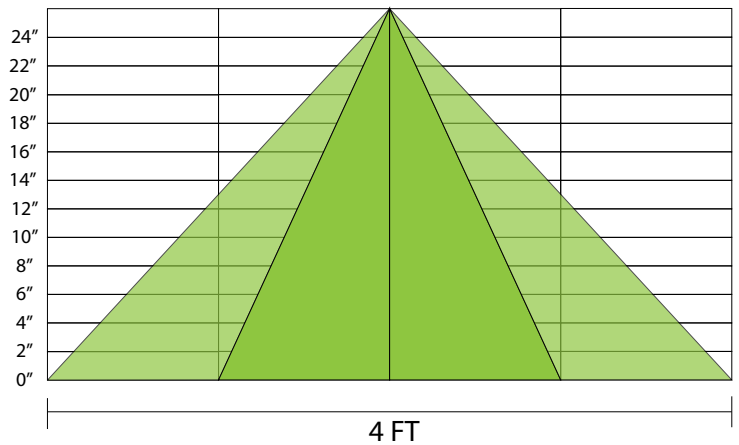
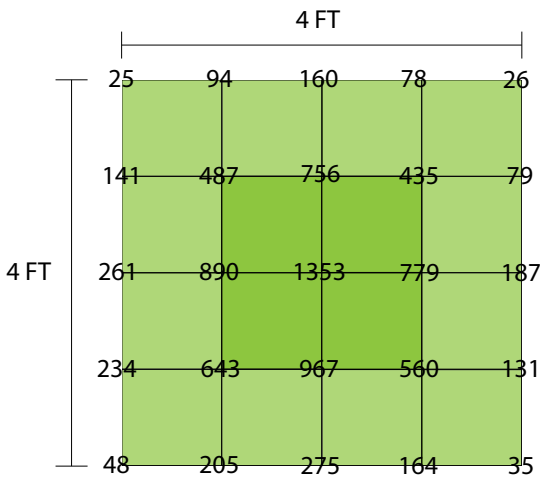
CEILING VIEW: Ceiling view (corresponds to PPFD map plane): Depicts light distribution when looking at the source from a side view; darker shaded areas are higher in intensity.

600W

12" MOUNTING HEIGHT



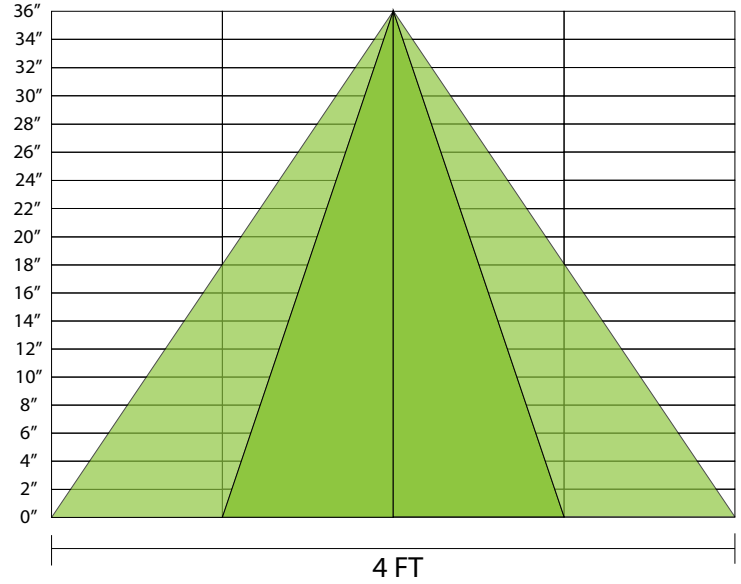
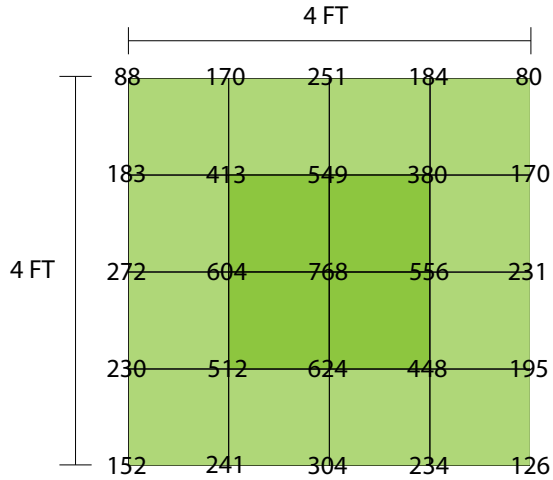
24" MOUNTING HEIGHT





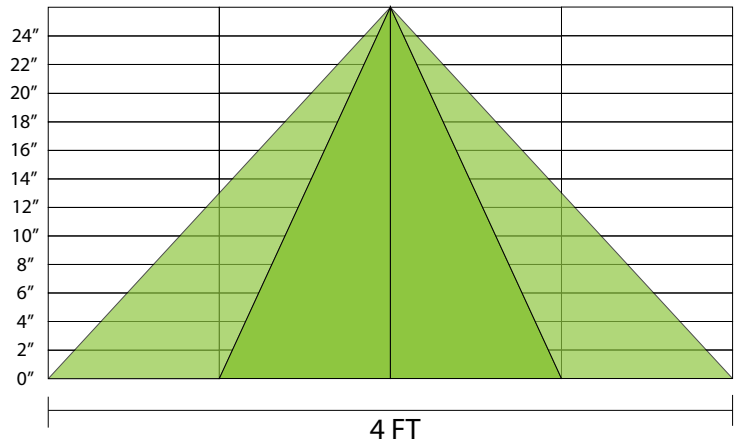
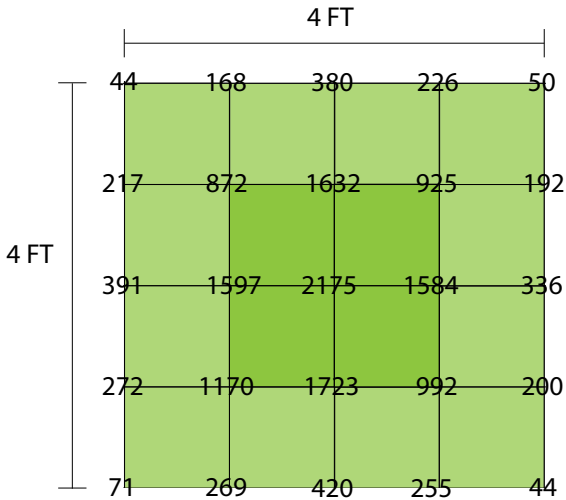
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36" MOUNTING HEIGHT



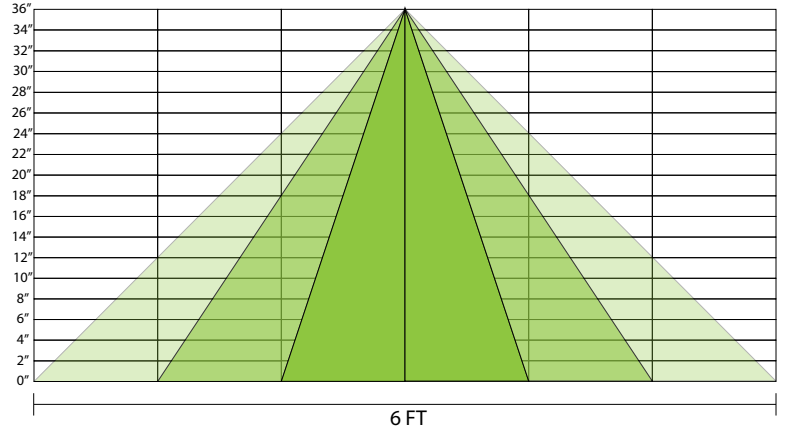
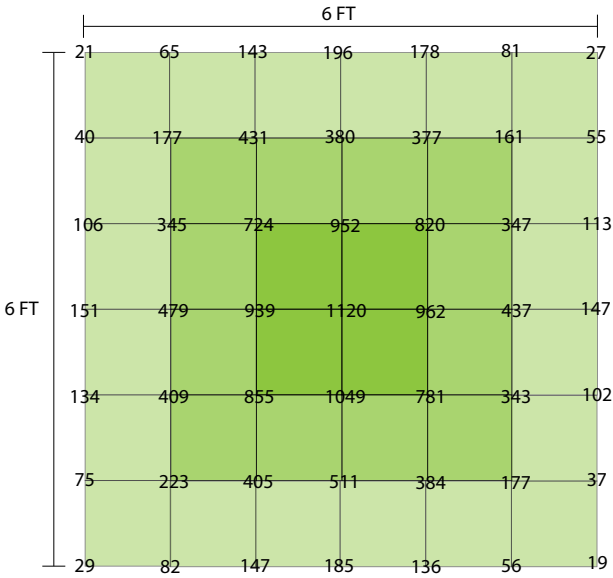
1200W

24" MOUNTING HEIGHT



PHOTONMAX 600W & 1200W SPOTLIGHT

36" MOUNTING HEIGHT



48" MOUNTING HEIGHT

