





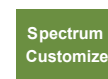
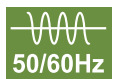




-  Fanless Design
-  IP65 Waterproof
-  Slim design with integrated driver, compact and easy to install.
-  Covering all growing stages including: Propagation, Vegetation and Flowering
-  Quick connect for ease connection in series.
-  5 years warranty.

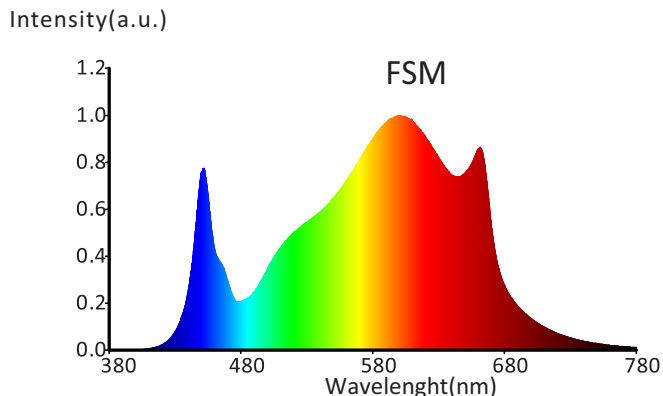
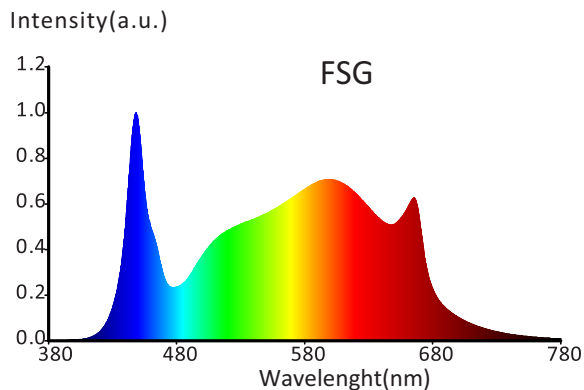


OSRAM LEDs, LM-80
ETL, LM-79, CE certification

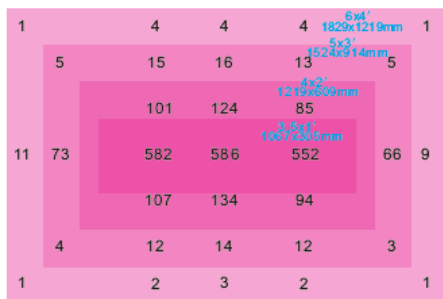


SPECIFICATIONS

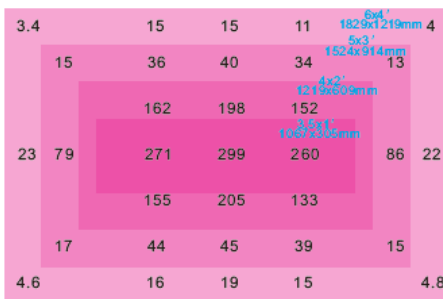
MODEL	FN06						FN12						FN16					
Power Consumption (incl. driver)	50W						85W						130W					
Input Voltage	AC100-277V																	
Input Current	Max 0.6A@100VAC Max 0.3A@230VAC Max 0.25A@277VAC						Max 1A@100VAC Max 0.5A@230VAC Max 0.4A@277VAC						Max 1.5A@100VAC Max 0.7A@230VAC Max 0.55A@277VAC					
Input Frequency	50/60Hz																	
Power Factor	>0.9																	
Spectrum	FSG		FSM		R9B1		FSG		FSM		R9B1		FSG		FSM		FSS	
PPF(μmol/s)	115	125	105	115	106	135	196	213	179	196	179	230	299	325	273	299	273	351
Efficacy (μmol/J)	2.3	2.5	2.1	2.3	2.1	2.7	2.3	2.5	2.1	2.3	2.1	2.7	2.3	2.5	2.1	2.3	2.1	2.7
Heat Output	170 BTU/h						289 BTU/h						442 BTU/h					
Dimming	Non-dimmable																	
Operating Temperature	-4F - 113F° (-20C - 45C°)																	
Storage Temperature	-40F - 176F° (-40C - 80C°)																	
Dimensions (L*W*H)	23.8*2.1*1.3inch (604*54*33mm)						47.2*2.1*1.3inch (1200*54*33mm)						63*2.1*1.3inch (1600*54*33mm)					
Weight	1.54lbs(0.7kg)						1.98lbs(0.9kg)						2.64lbs(1.2kg)					
L70 Rating	>78,000 hrs																	
L90 Rating	>54,000 hrs																	
ETL Certification	UL 8750 Luminaires (UL 1598:2008 Ed.3 +R:17Oct2012) Luminaires (R2013) (CSA C22.2#250.0:2008 Ed.3 +G1;G2)																	
Location Rating	Damp																	
LVD Certification	IEC/EN 60598-2-1 IEC/EN 60598-1																	



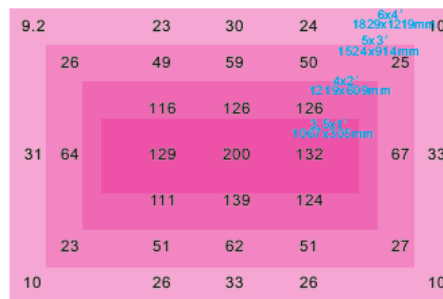
PHOTON FLUX DISTRIBUTION



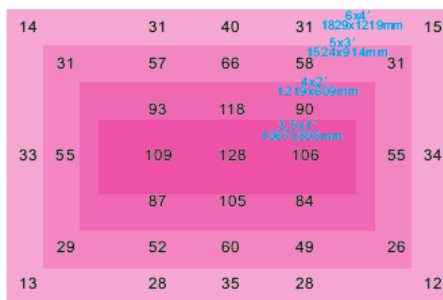
6"/152mm Height



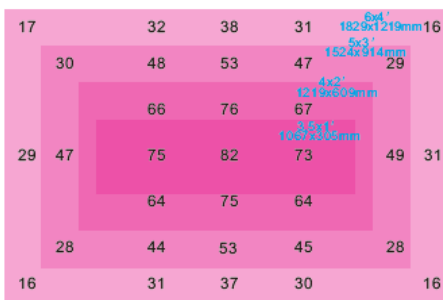
12"/305mm Height



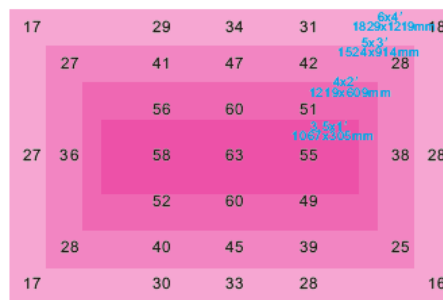
18"/457mm Height



24"/610mm Height

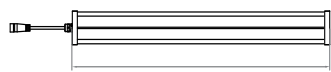


30"/762mm Height



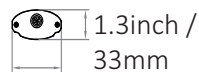
36"/914mm Height

DIMENSIONS

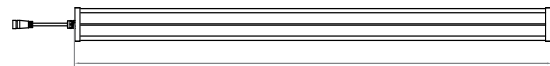


FN06
50W

23.8inch /
604mm



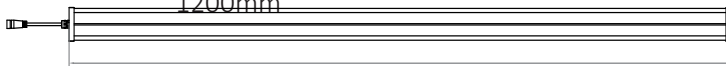
2.1inch /



54mm **FN12**

47.2inch /
1200mm

85W



LM16
130W

63inch /
1600mm