



Suspended Luminaries



Suspended luminaries

P147, as one of the huge single bar LED grow lights, installed with top quality Samsung LM301B diodes, designed with enhanced red in broad-spectrum light, emits the highest central PPF and has the superb penetration that its major applications are for high-wire plants and greenhouses.

Featuring a thick aluminum passive heat sink and densely arranged chips, the P147 Series provides high efficacy but low heat output while minimizing obstruction to natural light.

IEC 62717 LED-modules for general lighting – Performance requirements
IEC 62722-2-1 Particular requirements for LED luminaires

High Lumen Efficacy
Body - Die cast aluminum
Diffuser - Polycarbonate
Glowing Wire Test - 850°
Temperature - ta=20 °C ~ ta max=50 °C
Class - III

Model --- P 147



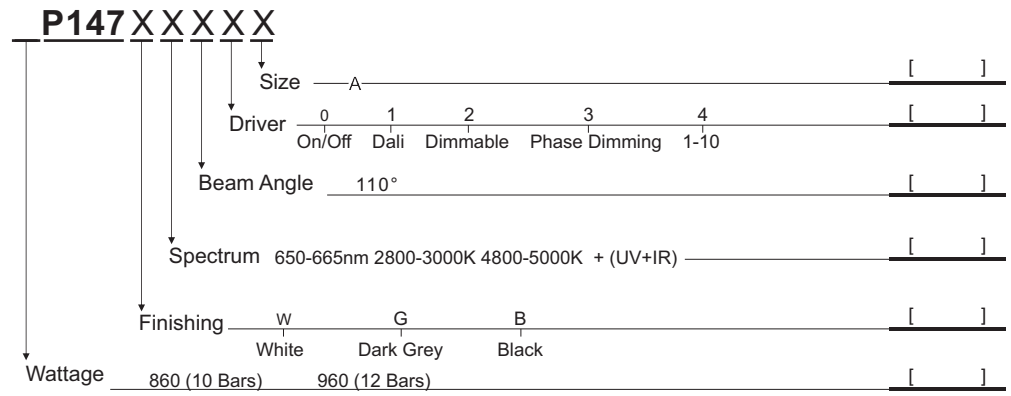
A - 1060 X 1080 X 100mm

Default Available

860P147-W-0-A



Product Assistant Chart



Lighting Customization Solution offer the wide range of customized product with best available options.

IP 66 IK 06 LED McA Step 3 120-277V

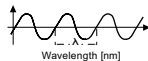
Accessories



Relative spectral perception of brightness and melanopic effect

380 420 460 500 540 580 620 660 700 740 780 Wavelength [nm]

Explanation of the three curves:
V(A) = Perception of brightness, daytime seeing with the cones
V(N) = Night-time seeing with the rods
S_m(λ) = Melatonin suppression with the photosensitive ganglion cells



LED life time		Operating time 1.000 h											
Lamp Lumen Maintenance Factor	Lamp Survival Factor	1	10	20	30	40	50	60	70	80	90	100	
L80	50.000 h	LLMF	1	0.96	0.92	0.88	0.84	0.80	0.76	0.72	0.68	0.64	0.60
		LSF	1	1	1	1	1	1	0.99	0.99	0.99	0.99	0.98
L80	100.000 h	LLMF	1	0.98	0.96	0.94	0.92	0.90	0.88	0.86	0.84	0.82	0.80
		LSF	1	1	1	1	1	1	1	0.99	0.99	0.99	0.99



LED



series wiring



CE

