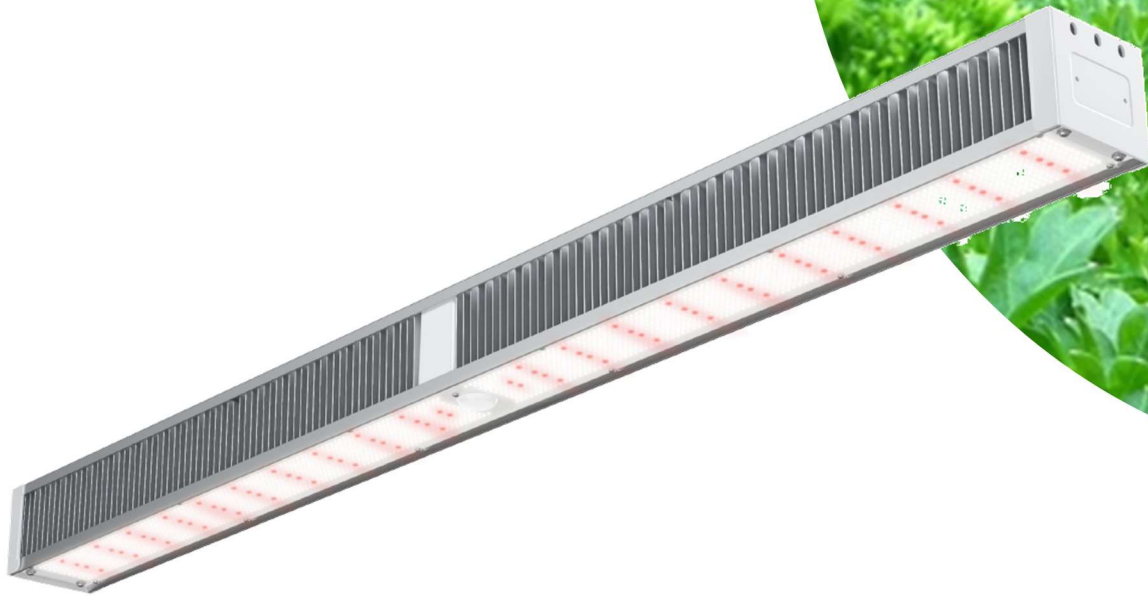


Sentinel-680 Max *Full Spectrum*

Ultra-Efficient 680W LED Grow Light



Full Spectrum

- Easy alternative to HPS.
- High quality crop yield.

1836 $\mu\text{mol/s}$

- Over 2.7 $\mu\text{mol/J}$
- Power Factor 0.98.

Wet location / IP65

- Fully Waterproof
- Use in damp and wet locations

>97% light transmission

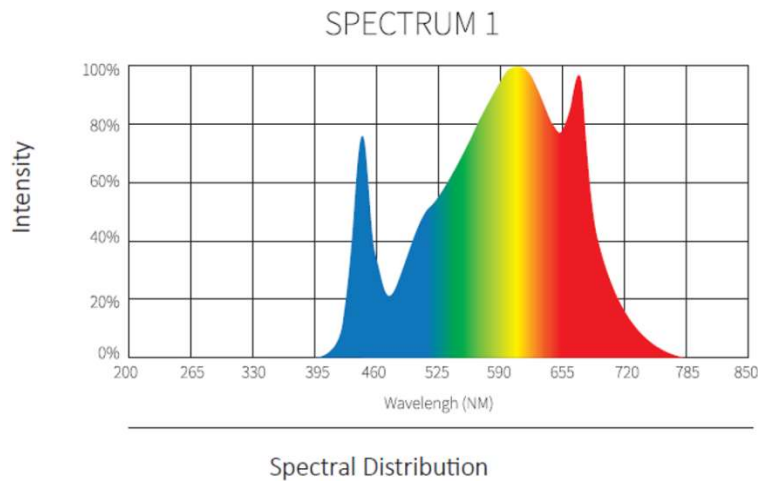
- With silicone coating.

Suitable for GMP & GACP facility

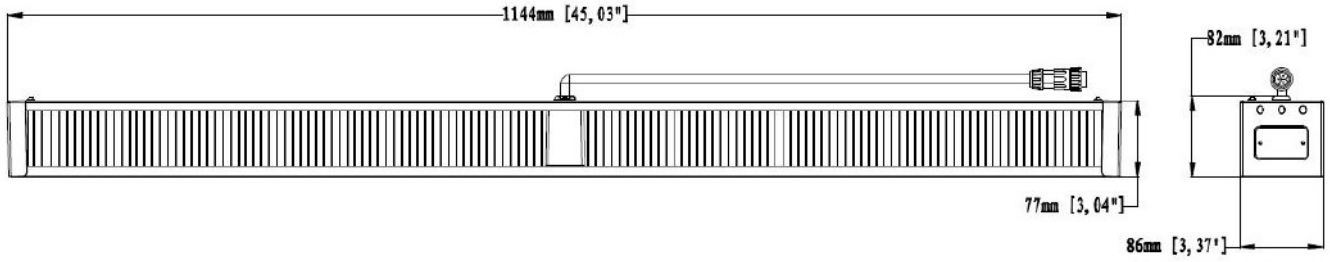
- Fully Sealed.
- Passive cooling. No fans.

Sentinel-680 Full Spectrum

The Sentinel-680 is a full spectrum LED grow light that has been developed using many years scientific research. It generates a highly uniform light spread and creates consistent yield performance to your horticultural business. It is an ideal replacement for the HPS lamp and reduces heat load and running costs. With modular build design concept, the Sentinel-680 can be connected with each other to create larger and more versatile lighting solutions.



SPECIFICATIONS	
Item	Sentinel-680 (Sku: SEN-680L-001)
Wattage(±5%)	680W
PPF(±5%)	1836µmol/s @ 277 VAC
Efficacy (380 nm ~ 820 nm)	2.7µmol/J
Input Voltage	AC100-277V 50/60Hz
Driver Brand	Powerland
Light source	Samsung SMD3030 LEDs
Dimming	0-10V Dimming
Power factor	>0.98
Beam Angle	117.6°
Thermal Management	Passive Cooling
Mounting Height	≥ 24 to 36" (60 to 90cm) Above Plant Canopy
Warranty	3 years
Certifications	Meeting the UL / CE /RoHS Standards
IP rating	UL 1598 – suitable for damp / wet locations, CE-IP65 rated
Ambient operating temperature	32 ~ 104 °F (0 ~ 40 °C)
Fixture Dimensions Weight	1144mm x 86mm x 82mm 8 kg 45.03"x 3.37"x 3.21" 17.6 lb



Official Distributors

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