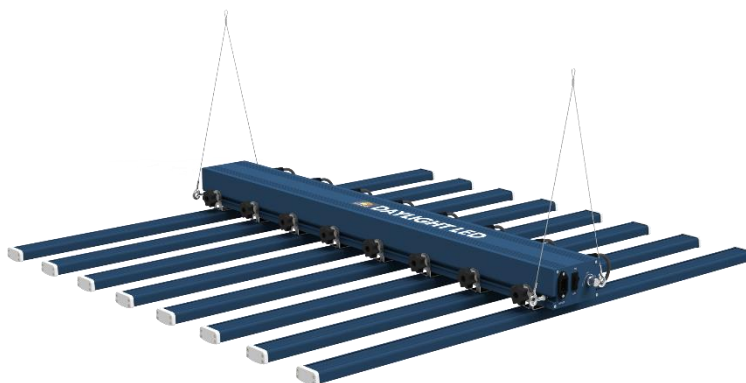
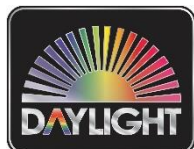


MAXIBRIGHT

Maxibrigh Daylight 660W LED – Product Data Sheet



Product Data

Product Code	Dimensions (mm)	Net Weight (kg)	Gross Weight (kg)	Input Current (A)	Input Power (W)	Supply Voltage (V)
MBDLLED	1120x100x1160	15.5	16.0	2.89	660	220-240
Supply Frequency (Hz)	Power Factor	IP Rating	Life Span (hours)	Light Angle (°)	Working Temperature (°C)	
50/60	≥0.95	IP 20	>50,000	110	-20 to +40	

Efficiency Data

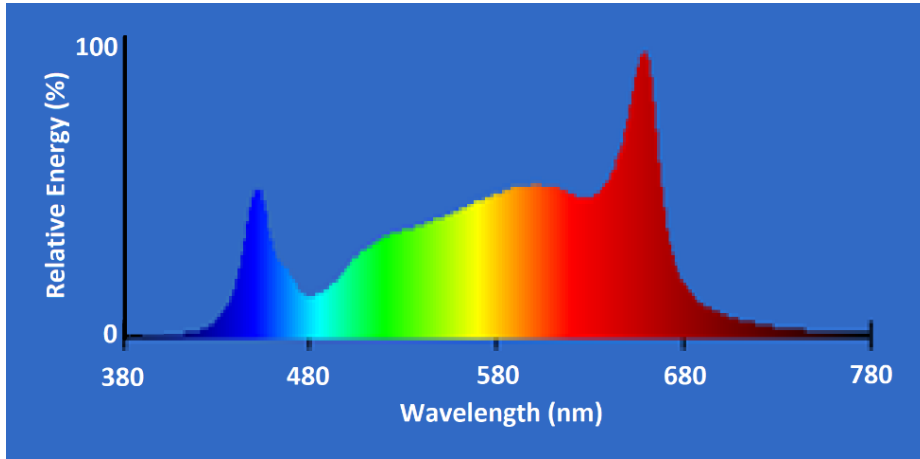
Full spectrum output LED luminaire, with far red and UV components.

Lumiled white LED chip efficiency (μmols s-1 W-1)	Osram red LED chip efficiency (μmols s-1 W-1)	Overall Average LED Efficiency (μmols s-1 W-1)	Fixture Efficiency (μmols s-1 W-1)
2.7	3.1	2.8	2.3

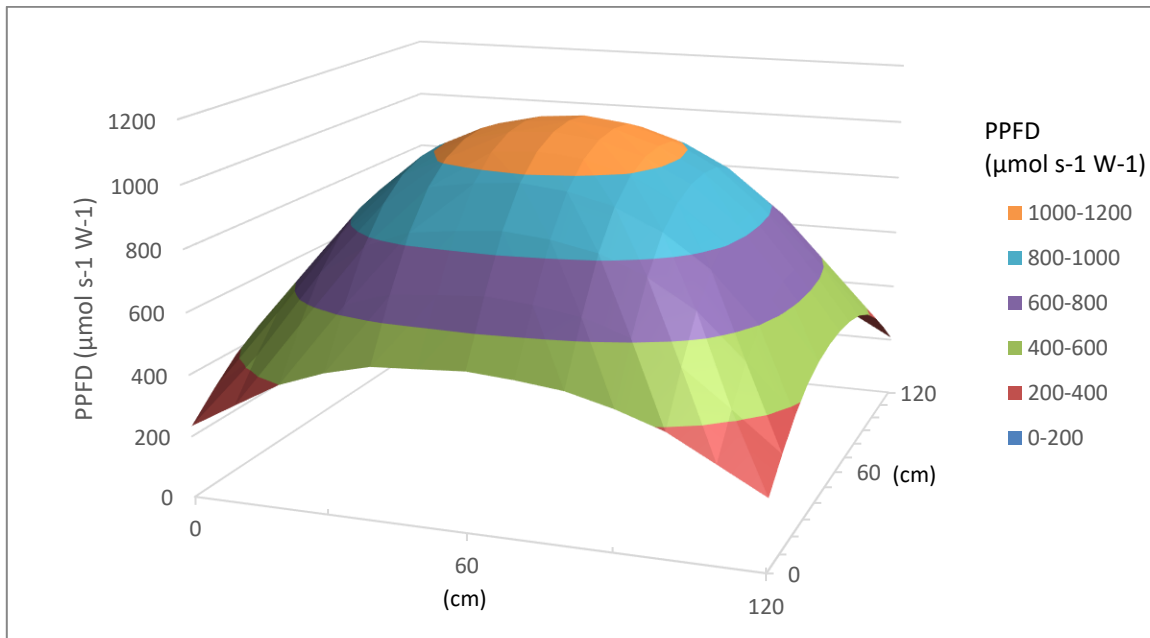
Features:

- Light distribution optimised for 1.2m x 1.2m area.
- 8 LED bars for uniform light distribution.
- Light bars can slide horizontally to allow different spacing interval requirements.
- Light bars can be tilted through 30° to optimise light spread e.g. at edge of growing area.
- Dimmable from 30% to 100% power.
- Optimised spectral output to provide the best light for plant growth, including UV and Far Red.
- Only quality Osram and Lumileds LEDs used.
- Passive heat dissipation design (No need for internal cooling fans).
- Energy Saving and environment friendly. No harmful heavy metals used. High photoelectric conversion efficiency results in less energy resulting in heat and more energy resulting in usable growth light.

Spectral Distribution



Light on Target at 350mm



Polar Chart

