100W Full Spectrum LED Bar

2.8 µmol/J
Fixture Efficiency

280 µmol/s
Total Output
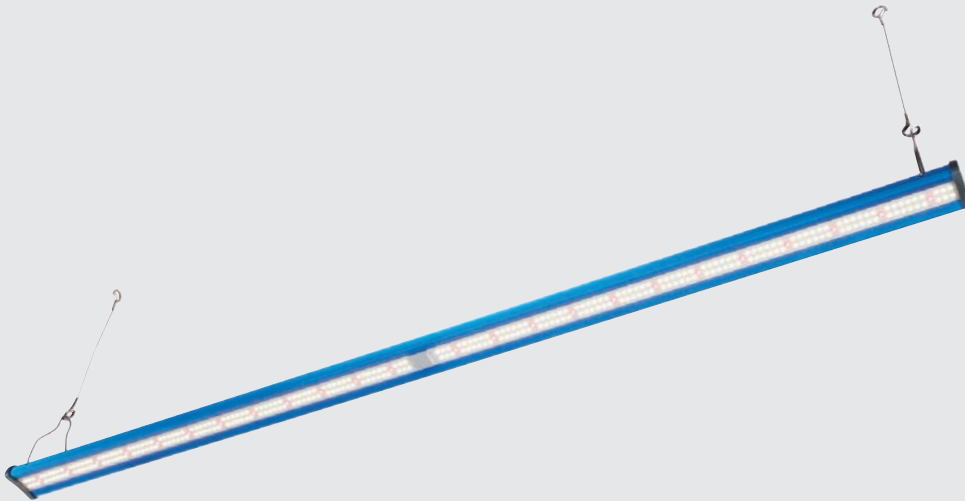
More flower, less power

The DAYLIGHT 100W LED with dimmer, is a full spectrum stand-alone unit perfect as a supplemental light for an existing LED fixture, or even amongst traditional HID set-ups. Its slim-line design and external LED driver make for easy hanging even in smaller grow spaces. With a huge total output (PPF) of 280 µmol/s it will help to boost the yield of almost any crop.
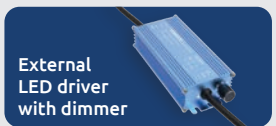
External LED driver with dimmer

DAYLIGHT LED 100W | Key features

- ✓ Full spectrum light output
- ✓ Osram and LUMLED LED chips
- ✓ External LED driver with dimmer
- ✓ 25% - 50% - 75% - 100% power
- ✓ Enhanced flowering with added red light
- ✓ Ideal for supplementary lighting
- ✓ Cool running
- ✓ Energy efficient, low heat output
- ✓ No fans or moving parts, silent running
- ✓ 50'000 hour lifespan

- ✓ Plug and play
- ✓ Dimensions: 1120 x 53 x 20 mm
- ✓ Easy to use hanging brackets
- ✓ Lightweight slimline design
- ✓ IP65 rated LED fixture
- ✓ IP40 rated driver

3 year Warranty · CE · RoHS · EMI SUPPRESSION & EMC CERTIFIED · IP65 · UKCA

www.growwithdaylight.co.uk

Efficiency Data

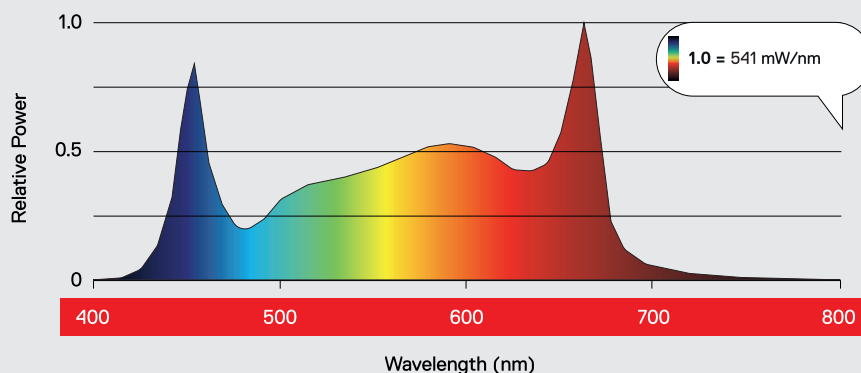| PPF (µmol/s) (Tested at 25°C)	Fixture efficiency using input power (100W) (µmol/J)	Fixture efficiency using LED power (95W) (µmol/J)	Average LED efficiency (µmol/J)	LUMLED white LED chip efficiency (µmol/J)	Osram red LED chip efficiency (µmol/J)
280	2.8	2.9	2.85	3.0	4.15

Product Data

Product Code	Dimensions (mm)	Net Weight (kg)	Gross Weight (kg)	Input Current (A)	Input Power (W)
MBDLLED100D	1120 x 53 x 20	2.17	2.67	0.6	100

Supply Voltage (V)	Supply Frequency (Hz)	Power Factor	IP Rating LED / Driver	Life Span (hours)	Light Angle (°)	Working Temperature (°C)
230	50/60	≥0.97	IP65 / IP40	>50,000	120	-10 to +40

Graphs & Charts

1.0 = 541 mW/nm

Relative Power — Wavelength (nm)