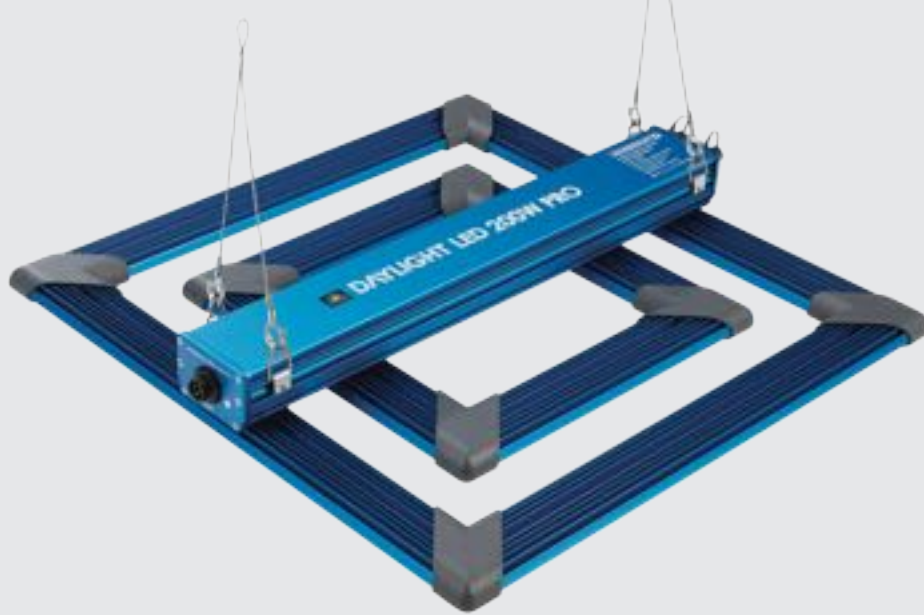




# 200W PRO Full Spectrum LED

**500**  $\mu\text{mol/s}$   
Total Output



## More flower, less power

LED lighting technology has evolved leaps and bounds over the past few decades. As the technology has progressed, so have grower's expectations on performance. With a full-bodied PAR spectrum output and a high total output, the DAYLIGHT 200W LED PRO Grow Light ensures growing with LEDs will impress even the most staunch HPS supporter.



## DAYLIGHT LED 200W PRO | Key features

- ✓ Full spectrum light output
- ✓ LUMLED LED chips
- ✓ Ideal for up to a 0.8m x 0.8m area
- ✓ No LED covers: Clear glue diode protection for maximum output and efficiency
- ✓ IP65 ingress protection: Water resistant
- ✓ Remote dimmer included: 25%-50%-75%-100% power
- ✓ Controllable: via iLink cables and DAYLIGHT Lighting Controller
- ✓ Enhanced flowering with added red light, including Far-Red components
- ✓ Cool running
- ✓ Energy efficient, low heat output
- ✓ No fans or moving parts, silent running
- ✓ Outstanding uniformed light coverage
- ✓ Enhanced light penetration
- ✓ One person assembly
- ✓ 50'000 hour lifespan
- ✓ Plug and play
- ✓ Dimensions: 530.2mm x 530.2mm x 68.4mm
- ✓ Easy to use heavy duty hanging brackets
- ✓ Lightweight slimline design
- ✓ Easy clip on bars



[www.growwithdaylight.co.uk](http://www.growwithdaylight.co.uk)



# 200W PRO Full Spectrum LED

## Efficiency Data

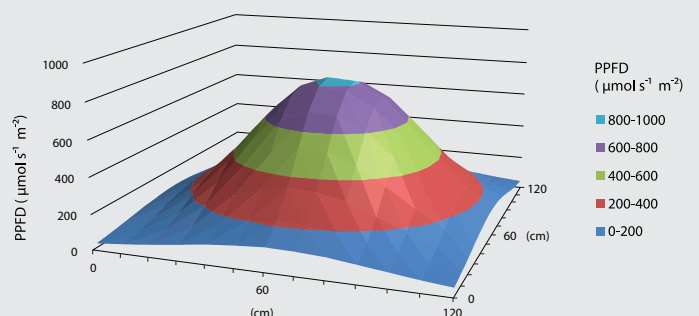
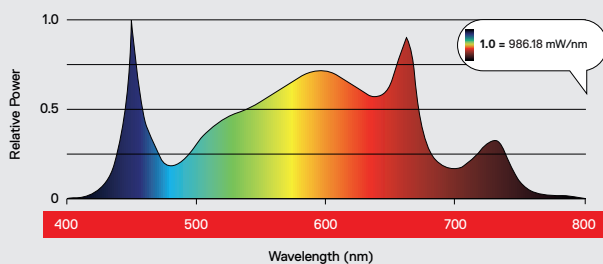
| PPF<br>( $\mu\text{mol/s}$ )<br>(Tested at 25°C) | Fixture<br>efficiency<br>using input<br>power (200W)<br>( $\mu\text{mol/J}$ ) | Fixture<br>efficiency<br>using LED<br>power<br>(190W)<br>( $\mu\text{mol/J}$ ) | Average LED<br>efficiency<br>( $\mu\text{mol/J}$ ) | LUMLED white<br>LED chip effi-<br>ciency<br>( $\mu\text{mol/J}$ ) | LUMLED red<br>LED chip effi-<br>ciency<br>( $\mu\text{mol/J}$ ) | Far-Red LED<br>Chip Efficiency<br>( $\mu\text{mol/J}$ ) |
|--------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------------------------------|
| 500                                              | 2.5                                                                           | 2.6                                                                            | 2.9                                                | 2.85                                                              | 3.65                                                            | 2.37                                                    |

## Product Data

| Product Code  | Dimensions<br>(mm)      | Net<br>Weight<br>(kg) | Gross Weight<br>(kg) | Input<br>Current<br>at 230V<br>(A) | Input<br>Power<br>(W) |
|---------------|-------------------------|-----------------------|----------------------|------------------------------------|-----------------------|
| MBDLLED200PRO | 530.2 x 530.2 x<br>68.4 | 4.25                  | 5.45                 | 0.96                               | 200                   |

| Supply<br>Voltage<br>(V) | Supply<br>Frequency<br>(Hz) | Power<br>Factor | IP Rating | Life Span<br>(hours) | Light Angle<br>(°) | Working<br>Temperature<br>(°C) |
|--------------------------|-----------------------------|-----------------|-----------|----------------------|--------------------|--------------------------------|
| 230                      | 50/60                       | $\geq 0.95$     | IP65      | > 50,000             | 120°               | -10 to +40                     |

## Graphs & Charts



Discover the full DAYLIGHT LED Range:

[www.growwithdaylight.co.uk](http://www.growwithdaylight.co.uk)

60W (Far Red, UVA, UVA and B), 100W, 200W, 200W PRO, 300W, 300W PRO  
480W, 480W PRO, 660W, 660W PRO, 1030W & 1030W PRO