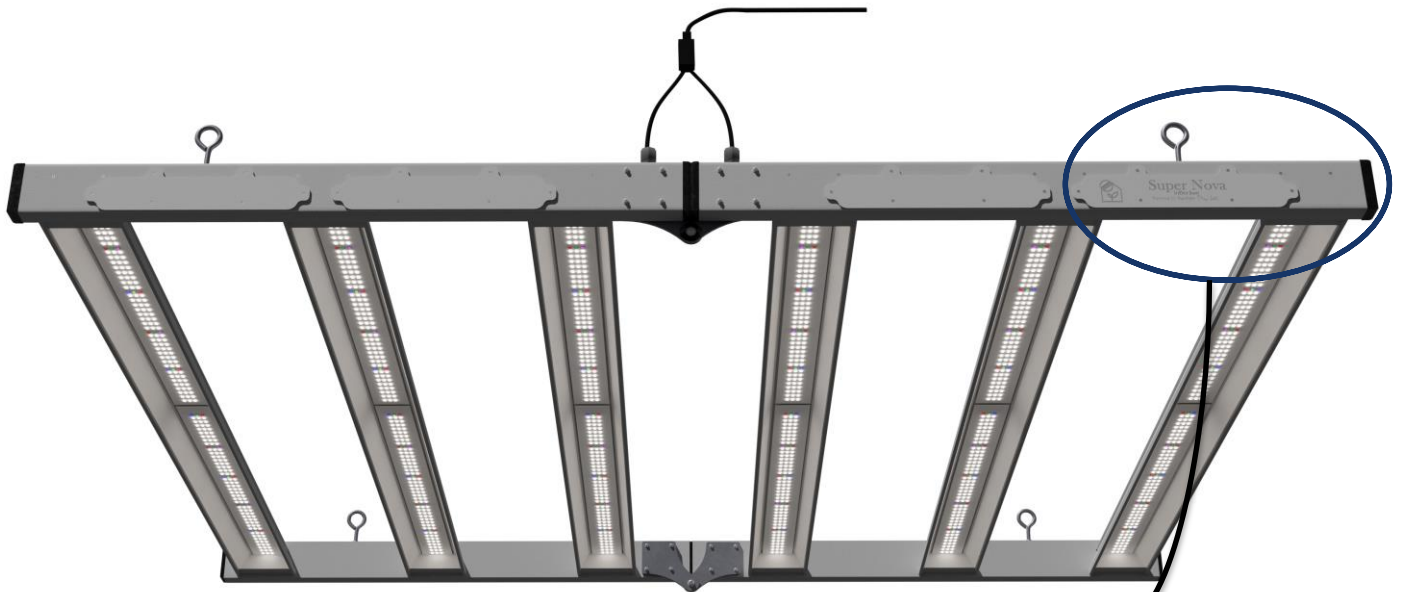
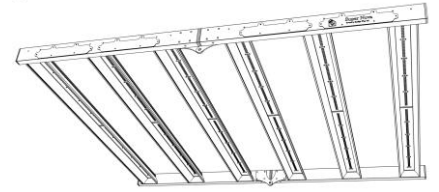
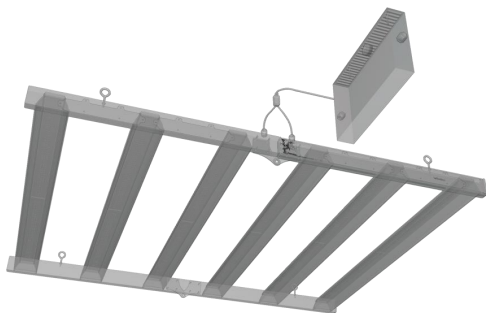


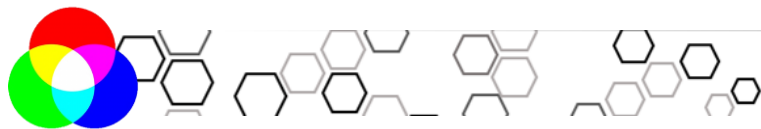
## Super Nova

Up to 850W of simulated sunlight

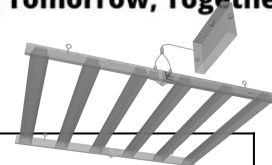


Removable access doors



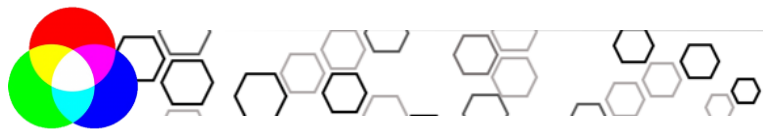


## FACT FILE:



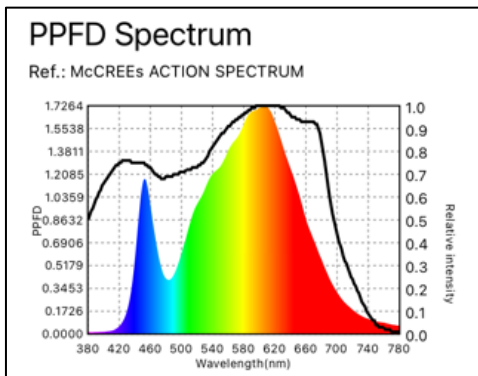
<u>General Information</u>	
Body Construction	<input type="checkbox"/> Extruded Aluminium – either powder coated or anodised. <input type="checkbox"/> Ends – aluminium powder coated
Lens Type	Polycarbonate UL V5 Flame proof UV stable Makrolon
Recommended Height Installation	Refer to design instructions
Compliance	EN 55015 // EN 6100-3-2 // EN 61347 - 2 - 13 // EN 61547 // EN 62384 // SANS 60598
IP Rating	<input type="checkbox"/> IP 56 is standard. IP 65 is available on request. <input type="checkbox"/> Splash proof for wet environments
Control Type	0 -10V Dimmable and on/off standard. Dali, DMX on request.
<u>Electrical Information</u>	
Electrical Class	Class 2
Socket Options	IP rated tools free from LED housing to power supply unit.
Supply Voltage	<input type="checkbox"/> 90 -305 V AC <input type="checkbox"/> 50 / 60 Hz
Surge Protection	<input type="checkbox"/> Between L and N = 6kV <input type="checkbox"/> Between L and E = 10kV
Power Factor	Better than 0.98
<u>Optical Information</u>	
CRI	4000K Standard. 5000K or 6000K and higher on request.
CCT	Better than 84 as standard. Up to +95 on request.
<u>Performance</u>	
Total Circuit load and $\mu\text{Mol}$ <u>at source</u> ePar – not yet factored in due to uncertainty on the metrics of measurement. The application of ePAR measurements will result in higher $\mu\text{Mol}$ values	<input type="checkbox"/> 600W – Standard White (1920 $\mu\text{Mol}$ ) <input type="checkbox"/> 650W – Standard White + 730nm (2240 $\mu\text{Mol}$ ) <input type="checkbox"/> 800W – Standard White (2560 $\mu\text{Mol}$ ) <input type="checkbox"/> 850W – Standard White + 730nm (2920 $\mu\text{Mol}$ ) <input type="checkbox"/> 800W – Broad White (3050 $\mu\text{Mol}$ ) <input type="checkbox"/> 850W – Broad White + 730nm (3310 $\mu\text{Mol}$ ) <input type="checkbox"/> 800W – Full Spectrum White (3200 $\mu\text{Mol}$ ) <input type="checkbox"/> 850W – Full Spectrum White + 730nm (3480 $\mu\text{Mol}$ )
<u>Operating Conditions</u>	
Operating Temperature range	From -20°C to +45°C ambient Temperature
Cooling	Passive Convection
Weight	<input type="checkbox"/> Main body: 9kg <input type="checkbox"/> Power Supply: 7kg <input type="checkbox"/> Total Weight: 15kg

Note – Lumens are measured at source on the PCB – they are total lumens including power supply – losses will occur through lenses – please refer to IES files.

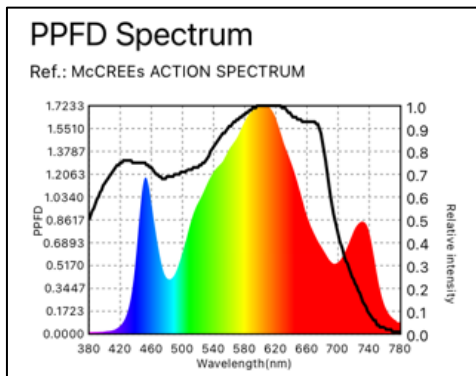


## Spectrum breakdown:

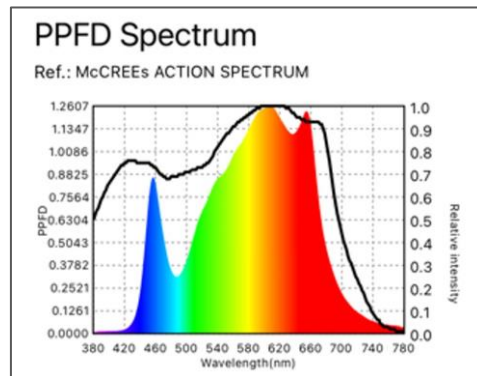
Standard White



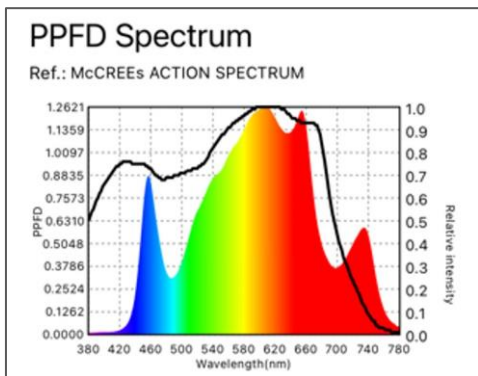
Standard White + 730nm



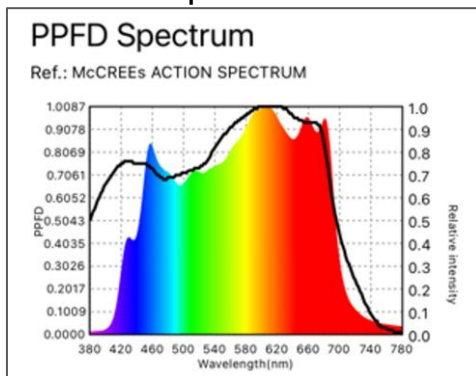
Broad White



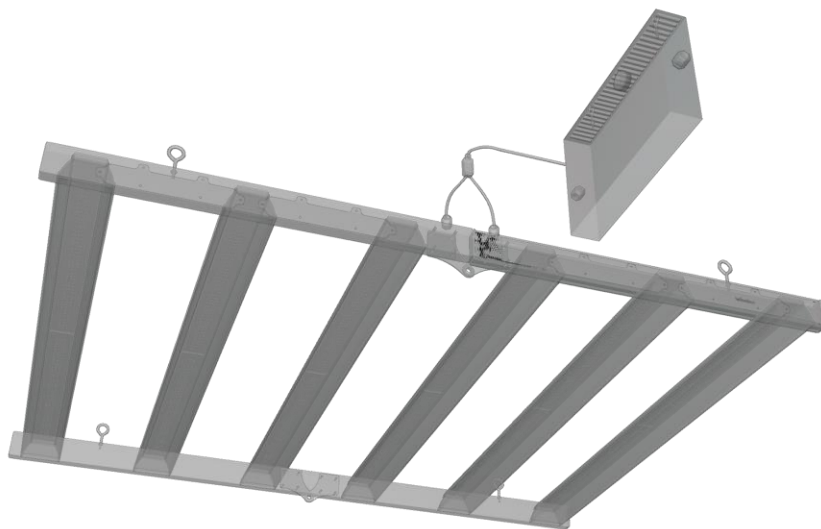
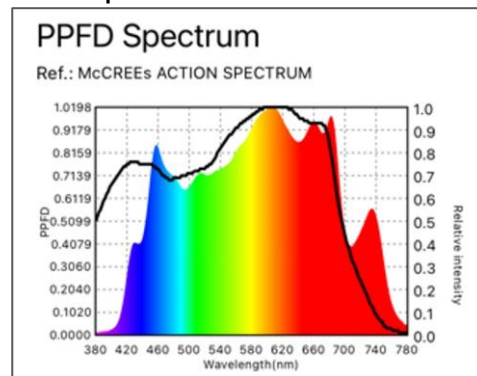
Broad White + 730nm

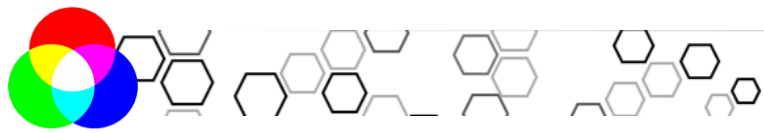


Full Spectrum White



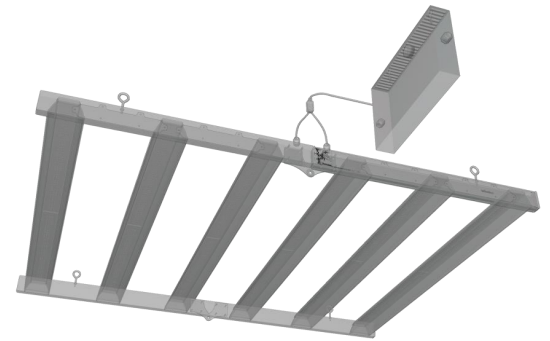
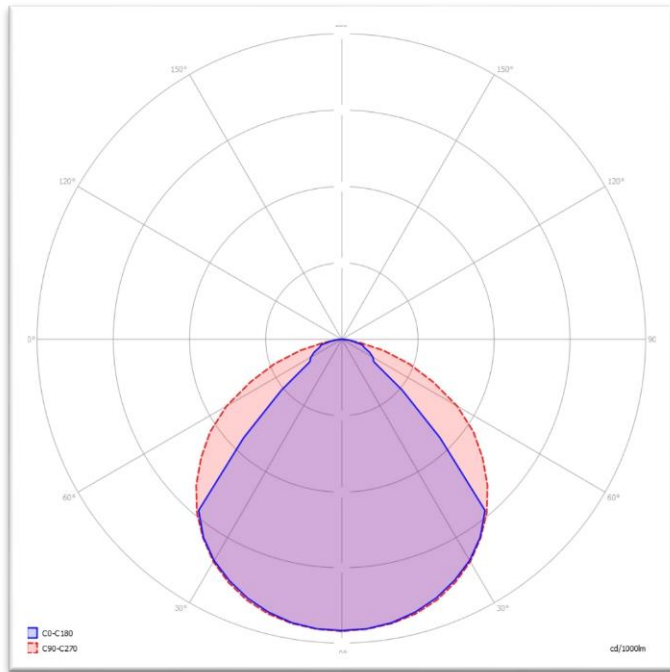
Full Spectrum White + 730nm



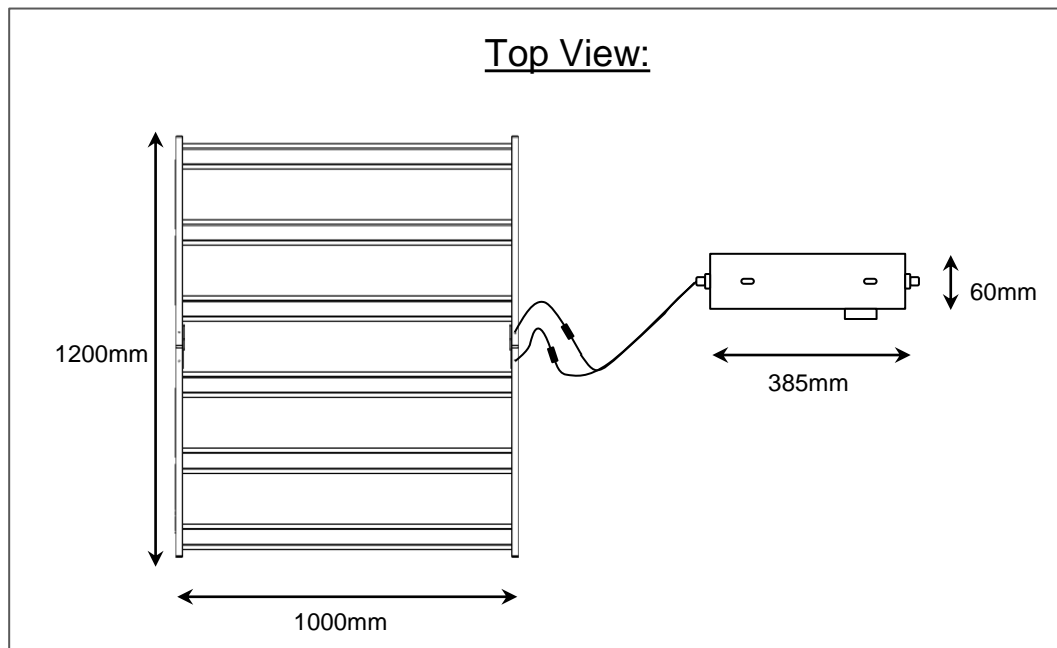


Polar curve

FACT FILE:



Top View:



Side View:

