

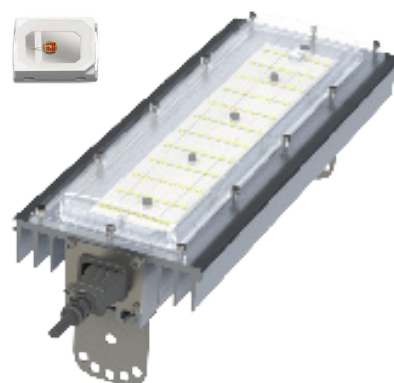


55W MODUGrow Starter + Far Red

Features

The MODUGrow Starter full spectrum grow light is designed for indoor horticulture starter growers on a budget

- Daisy chainable to any existing Modugrow light
- Passive cooling
- Simple refurbishment of LED module at end of life 50K hours (L70)
- Slim design
- Dimmable on standard rotary dimmer



Specifications

Electrical Specifications

Nominal Input Voltage:	200VAC - 250VAC
Power Input	56Watts
Power Factor	>0.90
Current @ 230VAC	0.3Amps
Inrush current	0.3Amps
Led Power	50Watts
Power Supply Efficiency	90%
Surge capability (L/N-Ground)	1Ka
Surge capability (L-N)	2Ka
Driver Life Span	50000h @ TC Point of 80°C 100000h @ TC Point of 70°C
Operating temperature (Ta):	-40°C to +55°C
IP Rating	IP52

LED Specification

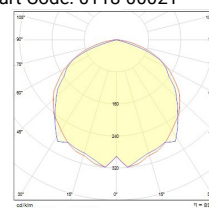
LED Type	240 x Osram Duris E 12 x Luxeon SunPlus (730 nm)
Photosynthetic Photon Flux (µmol PAR/s):	90 µmol/s Osram Duris E 10 µmol/s L1SP-FR
PAR Photon Efficacy (µmol PAR/J):	2.4 µmol/J @ 65 mA Osram Duris E 2.6 µmol/J @ 65 mA L1SP-FR
LED Colour	3500K Osram Duris E 730nm Luxeon SunPlus
L70 Life Span	50000h

Construction

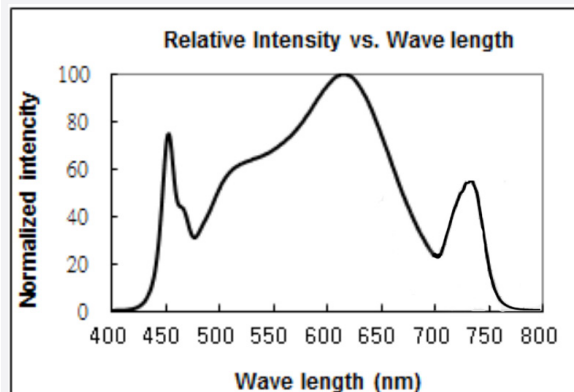
Materials	Aluminium 6063 T6, PMMA cover Brackets Stainless steel
Length, Height, Width	315mm, 146mm, 121mm
Weight	1.2Kg

Photometric Data

Part Code: 0118-00021

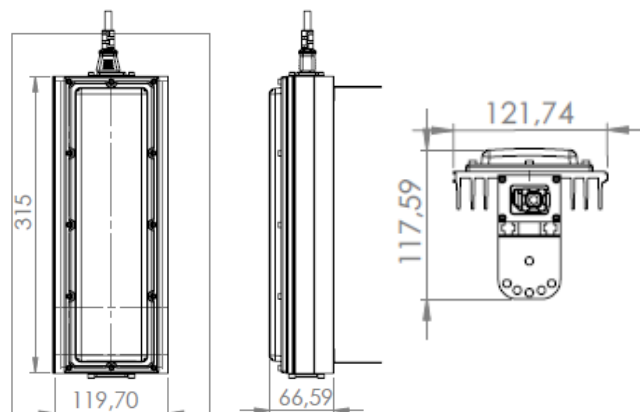


CCT : 3500K (90 CRI)



Light Output Specifications

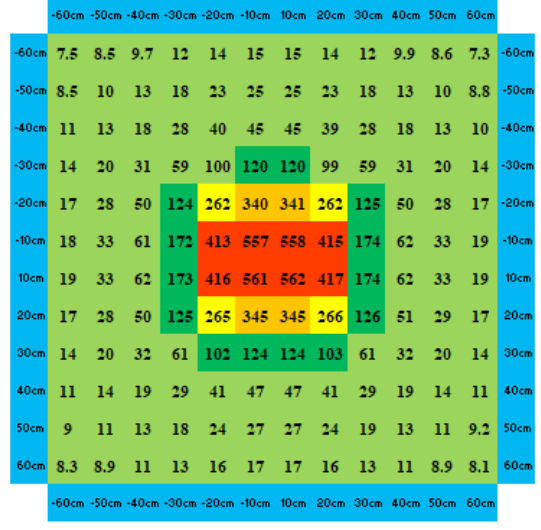
PAR Photon Efficacy (µmol PAR/J):	2.0 µmol/J
Photosynthetic Photon Flux (µmol PAR/s):	100 µmol/s
Warranty:	2 years



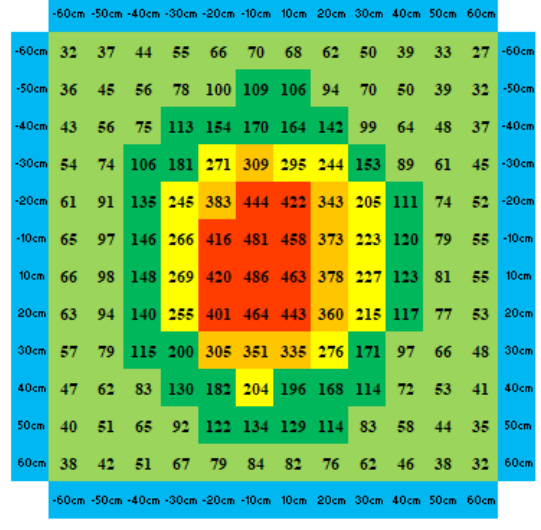


60W MODUGrow Starter light PPFd maps

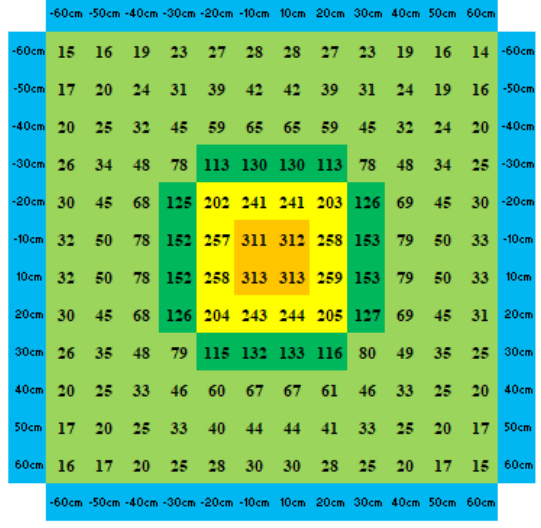
20cm height reflective mylar grow tent 1.2m x 1.2m



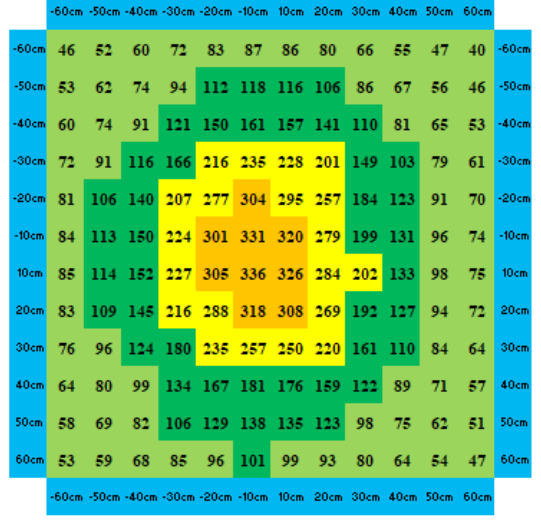
2 lights 30cm spacing 30cm height no grow tent 1.2m x 1.2m



30cm height reflective mylar grow tent 1.2m x 1.2m



2 lights 30cm spacing 40cm height no grow tent 1.2m x 1.2m



40cm height reflective mylar grow tent 1.2m x 1.2m

