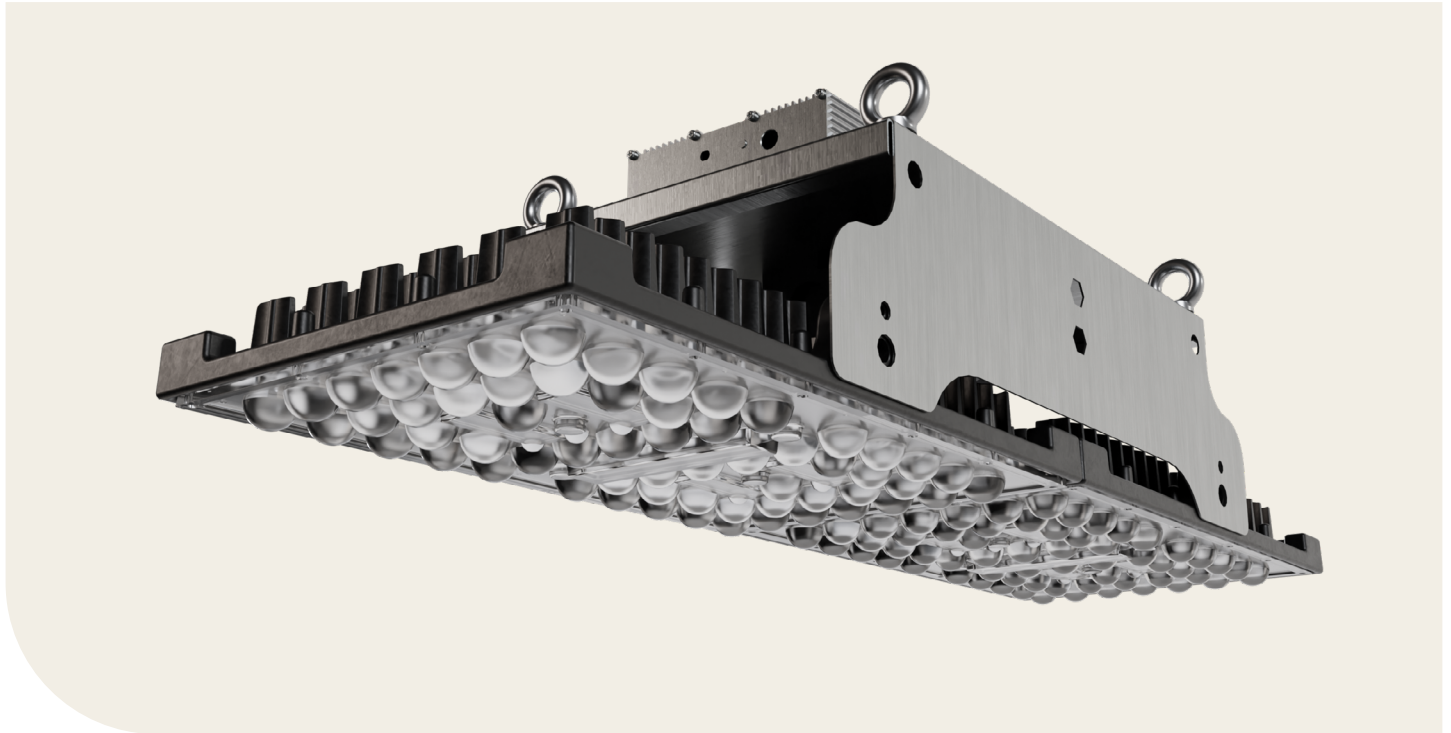


# Hygrow | HY250D

Improving crop health & reducing energy consumption, the Hygrow range are die-cast luminaires that are engineered with precision and durability. Offering unparalleled performance and versatility for indoor plant cultivation. With a unique design that ensures even light distribution, with adjustable spectral blends that cater to your plants' specific needs.



## Features

- Optimal light output angle
- Directly replaces 400W SON T Agro & MH lamps
- Dimming as standard
- Daylight linking system
- Easily replaceable drivers
- IP66 water proof design
- Life span expected 75,000 hours +
- Robust design, easy to maintain
- Customisable & crop specific spectra available
- Asymmetric lens available for even plant bed distribution

## Applications

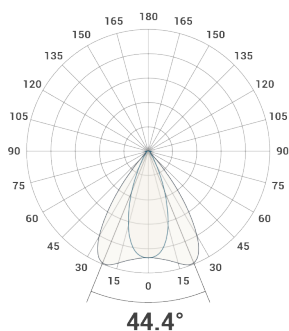


Horticultural

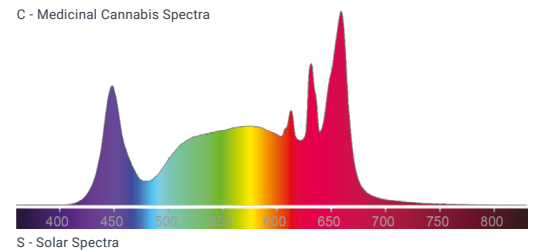
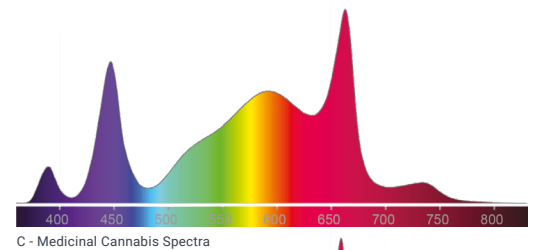
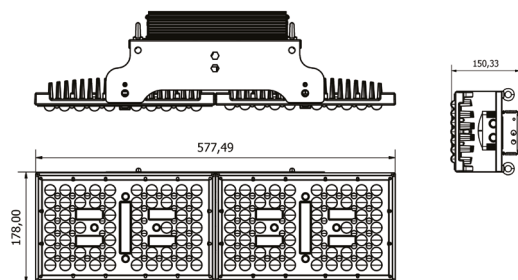
## Options and Accessories

- SUS 2m Suspension Cord Kit
- BKT Unistrut Hook Bracket
- AD 0-10V Dimming
- DD SwitchDIM/DALI
- PD PWM Dimming
- C Medicinal Cannabis Spectra
- S Solar Spectra
- LD Flying Lead Or Weiland RST2013S

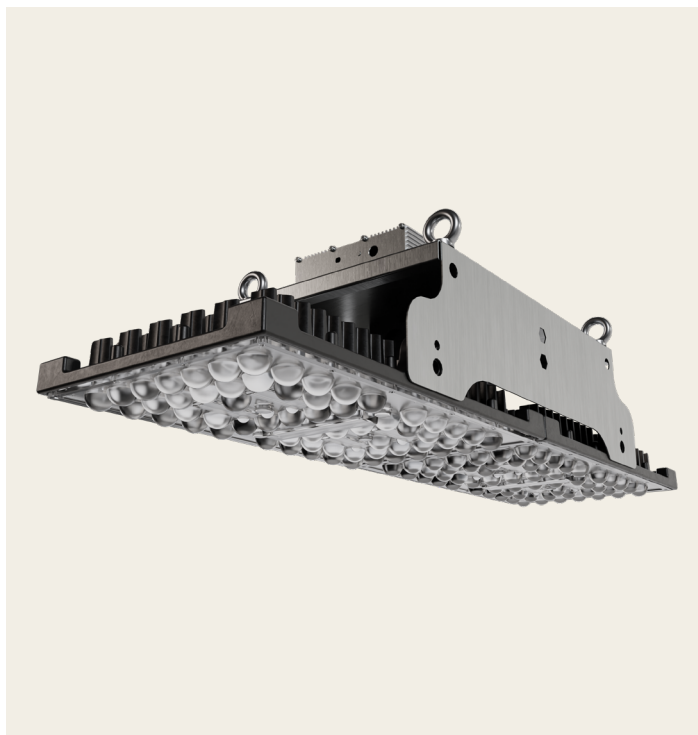
## Photometric



## Dimensions



# Hygrow | HY250D



## Technical Details

Specification	HY250D
Light Output PPF ( $\mu\text{mol/s}$ )	592.5
Calculated Efficiency ( $\mu\text{mol/J}$ )	2.37
PPFD ( $\mu\text{mol/m}^2/\text{s}$ )	760.6
Colour Rendering Index	90+
Light Output Depreciation	75,000 hrs L90 B10
Power Input	250W
Voltage Range	100-240V AC   Optional - 249-528V AC
Frequency Input Range	50-60 Hz
System Weight Complete	6.2KG
Ingress Protection	IP66
Cooling Method	Passive
Operating Temperature	-5°C – 40°C

## Additional Information

Body Material	Diffuser Material	Housing Colour	Mounting Type	CCT Offering	CRI	SDCM	UGR Rating	Dimmable	Dimming Method
Aluminium	Polycarbonate		Suspended	Spectra	90+	Spectra Dependant	N/A	Available	SwitchDIM/DALI

IP Rating	IK Rating	Operating Temperature (°C)	L/B value <sup>*A</sup>	Terminal Information	Warranty	Weight (kg)
IP66	IK10+	-5°C – 40°C	L90b10 50k L80b10 70k	3 way IP68 circular plug and socket	5 Year warranty 1 year parts and Labour Inclusive	6.2

<sup>\*A</sup>: L/B value based on T<sub>a</sub>25°C operating temperature, standard operation of luminaire within stated parameters. For specific detail please contact [info@powerlitefitz.co.uk](mailto:info@powerlitefitz.co.uk)

Please contact [info@powerlitefitz.co.uk](mailto:info@powerlitefitz.co.uk) for the Inrush current (A) & No.Per 10A breaker.