

Technical Data sheet GHGL R80

Product Overview

Name : Green House Grow Light

Model : GHGL R80

Brief Description :

75 watts LED grow light, with optimum full spectrum layout with ePAR coverage, Refactor design excellent heat dissipation system, IP 65, best for commercial growing.



Key Features, Benefits & Advantages

Top Features

1. Passive cooling
2. High intensity LEDs PPF – Upto 3.4 $\mu\text{mol}/\text{J}$.
3. 1 meter height adjustment provision.
4. Aluminum casing + tempered glass.
5. Broad spectrum with ePAR coverage (400 – 750 nm).
6. Up to 60 months warranty.

Benefits & Advantages to Customers

1. Stays cool thanks to internal heat dissipation design.
2. Easy and quick installation.
3. Better heat dissipation = better life of grow light.
4. Best for balcony and green wall application.
5. 60% less electricity consumption compared to conventional light
6. Long life and maintenance free.
7. Suitable for all types of plants



Technical Specifications

Electrical Parameters

Input Voltage (V AC)	180 to 240
Input Power (Watts)	75
Input Current (Amps)	0.31
Inrush Current (Amps)	-
Frequency (Hz)	50
Light Source	smd LED
Plug Socket	NA
THD	Less than 10
Power Factor	0.9
Dimming Interface	Manual (Optional)
Surge Protection (kV)	4

Performance Parameters

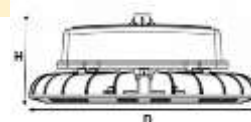
PPE ($\mu\text{mol}/\text{J}$)	2.6 to 2.8
LED Lifespan (Hrs)	50,000
Lumen per Watt	110
Certifications	BIS, CE, RoHS

Mechanical Parameters

Dimensions (Dia x H)mm	250 x 110
Weight	2.7 / 6
Material	Aluminium
Fixture Color	White / Black
Beam Angle/Light Distribution	30° / 60°
Form Factor	Round

Dimension Drawing

Indicators	Values
D	250
H	110



Environmental Parameters

Operating Temperature (°C)	0 to 45
Operating Humidity	100
IP Rating	IP65

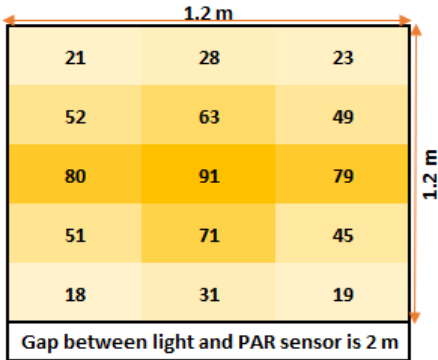
Spectrum Details

Spectrum **Nx4B**

PFD %

Spectrum	UV	B	G	R	FR	PAR	ePAR	CCT	CRI	B:G	R:FR	R:B
Nx4B	0%	12%	32%	43%	13%	100	87	3329K	87	0.4	3	3.4

PPFD Intensity Chart / Heat Map



Visuals



Installation and Connectivity

Mounting Options

1. Kope Katchnet



Connecting Options

1. 1 Meter input AC cable (customizable)

Ordering Information

Product Code : FG0102

Contact Information

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Response within 24 hrs