



EGE Grow Lamp

EGE GL01A Series

TECHNICAL DATASHEET

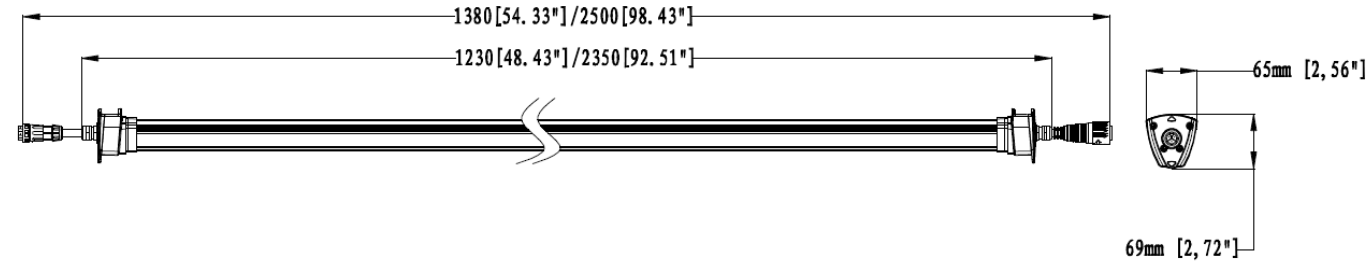
2023



Product features

Housing material	Aluminum
Optics materials	PC cover (transmission >90%)
Radiation angle	Double-sided 120°
Protection degree	IP65 (dust and watertight)

Drawing



Technical data

	EGE GL01A-75	EGE GL01A-150
Power consumption		
System efficacy (±10%)	2.34 µmol/J @56Vdc	2.34 µmol/J @56Vdc
PAR Output	176 µmol/s	351 µmol/s
ePAR Output	194 µmol/s	387 µmol/s
Voltage input	56Vdc	56Vdc
Current Range	1.5A@50Vdc	3A@50Vdc
Isolation Class	Class III	Class III
Heat BTU Generated	256 BTU	512 BTU
Power Factor	NA	NA

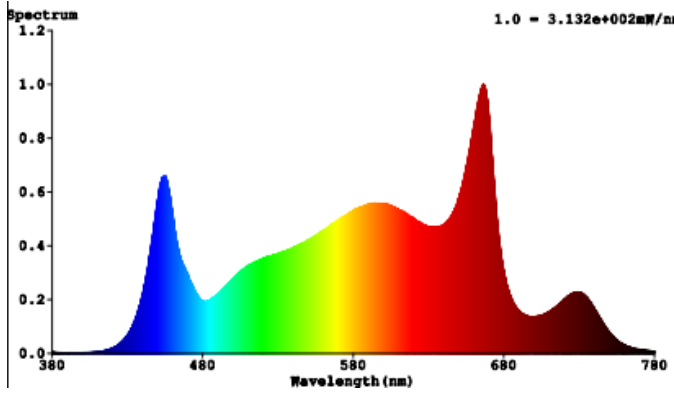
* The tolerance for power is ±5%

	1380 x 65 x 69mm 54.33" x 2.56" x 2.72"	2500 x 65 x 69mm 98.43" x 2.56" x 2.72"
Dimensions		
Net Weight	1.5±0.3kg 3.31±0.66Lbs	2.5±0.3kg 5.51±0.66Lbs
Qty/CTN	4 pcs	4 pcs
Gross Weight	7.00kg / 15.43 lbs	12.00kg / 26.46 lbs
CTN SIZE	1346 x 182x 198mm 53.00" x 7.17" x 7.80"	2466 x 182 x 198mm 97.09" x 7.17" x 7.80"
Operation conditions	0°C to 40°C / 32°F to 104°F (95% RH)	
Storage conditions	-40°C to 70°C / -40°F to 158°F (85% RH)	
Warranty	5 years	

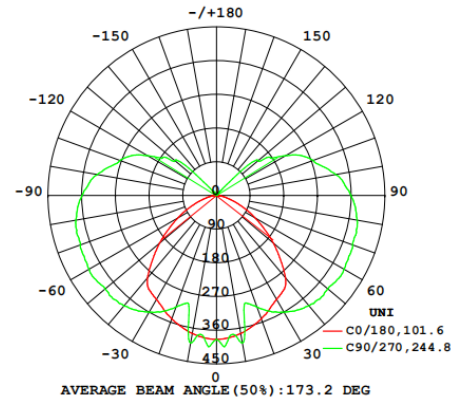
* The tolerance for weight is ±6%

Horti Reina Spectrum Chart

HL03-P04-00



IES Test



Accessories



Standard: 2*V cords
attach to 2*rope ratchet



M19 DC connector
(3M) * 1 pc



Double-sided 120° Lighting Emit

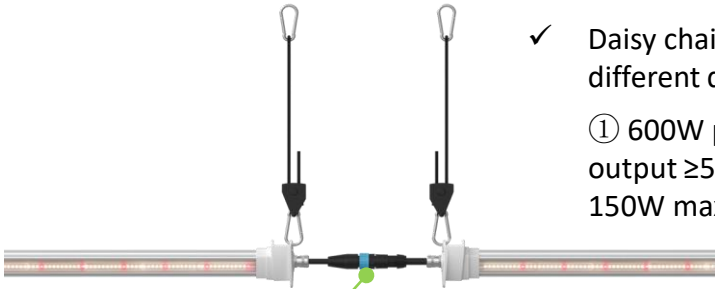


Compliance

- CE
- ETL
- Low Voltage Directive (LVD)
- Electromagnetic Compatibility Directive (EMC)
- Restriction of Hazardous Substances (RoHS) Directive

* typical values for stable operation at 25° C / 77° F ambient temperature

Linkable solution



- ✓ Daisy chain quantity with different driver output voltage:
 - ① 600W power supply with DC output $\geq 56V$: 75W max 8pcs; 150W max 4pcs
 - ② 3KW power supply with DC output $\geq 250V$: 150W max 20pcs
- ✓ External driver, easy for maintenance and good for heat dissipation

Daisy-chain Solution

Driver connection

EGE GL01A series is built to connect by an external driver, would be highly recommended for commercial projects installation, and optional for Artesyn iHP Series 250V output.

With the right DC output voltage (56V as standard), it can be compatible for different LED driver brands such as Sosen, Meanwell, Inventronics

