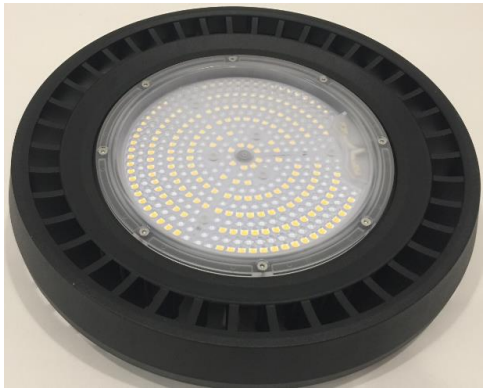
GinoLED HO* module
(Preliminary version 1.1)

*HO: High lumen output

Datasheet



Accessory – Driver Box

The GinoLED is a high power LED module with integrated heat sink for optimal thermal management and tailored optical design. The GinoLED lightweight design make installation become much easier. The module provide up to 150Lm/W high efficacy and saves energy. GinoLED is an IP65 unit equipped with IP connector for easy installation.

BENEFITS

- **Tailored optical and thermal design**
  - 60°×60° and 90°×90° lens design, adaptation to different mounting heights.
  - The high performance of GinoLED module is attributable to the omnidirectional nature of tree-like fins. Thanks to that, air streams are able to enter and exit from all directions.
- **IP65/IK10 protection**
  - Self-contained housing with heat sink, no extra protection is needed
- **High energy efficiency**
  - Up to 150Lm/W high efficacy*, 55% energy saving compare to traditional light sources.
- **Lightweight design**
  - Thanks to excellent thermal design, GinoLED module lightweight design can be realized, easier for customer to installation.
- **Long life time**
  - 50000hrs life time

* Mentioned efficacy without driver power consumption.

APPLICATIONS

- Airport, Station, Factory
- Indoor Court, Exhibition Hall, Warehouse

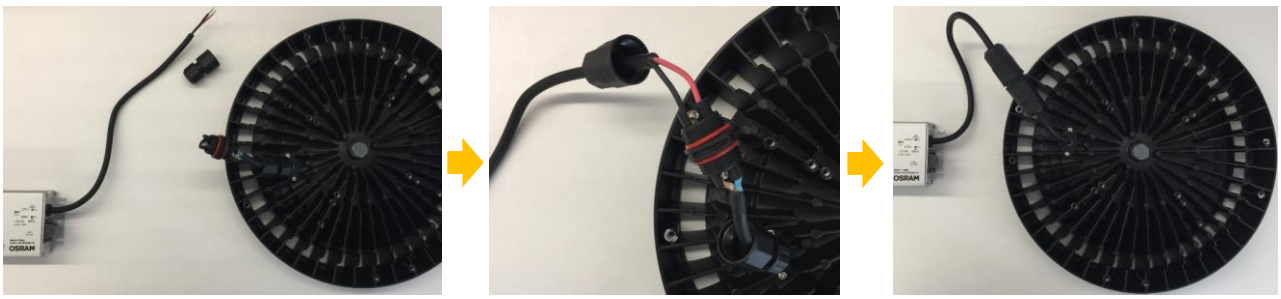
SPECIFICATION (4000K & 6500K)

	Parameter	GinoLED HO Module			
		PL-GL 80	PL-GL 120	PL-GL 150	PL-GL 180
Light Output	Typical Module flux	12500 lm	16800 lm	23000 lm	28000 lm
	Typical Module efficacy	150 Lm/W	150 Lm/W	150 Lm/W	150 Lm/W
	Optical	60º x 60º			
		90º x 90º			
	CCT	4000K & 6500K			
	SDCM	4			
	Typical CRI (Ra)	80			
	Lifetime	50,000 hours			
Electrical	Typical input voltage	108V DC	108V DC	136V DC	160V DC
	Typical input current	0.7 A	1.05 A	1.05 A	1.05 A
	Module Power @(typical)	72W	108W	135W	162W
	Recommended Driver	OSRAM OPTOTRONIC			
		80W: OT 100/220…240/1A4 1DIMA P7			
		120W: OT 150/220…240/1A4 1DIMA P7			
		150W: OT 150/220…240/1A4 1DIMA P7			
		180W: OT 200/220…240/1A4 1 DIMA P7			
Mechanical	Dimension	Φ296mmL x 204mmH		Φ339mmL x 233mmH	
		(Include Driver box)		(Include Driver box)	
	Mounting	Suspended / wall mounted			
	Optics	polycarbonate lens			
	Module Weight	3.0 kg		3.5 kg	
Temperature	Operating temperature range	-30 … 45ºC			
Standard Compliance	IP Rating	IP65			
	IK Rating	IK08			
	Certification	CE/CB/CQC			

**** Additional accessories are needed for Wall mounted, please contact with us to get more information.**

SALES & TECHNICAL SUPPORT

Application:
GinoLED HO module provide IP67 connector can easy be installed with IP67 driver, total system meet IP65 requirement.



SAFETY NOTE

- ★ The LED module itself and all its components may not be mechanical stressed.
- ★ Assembly must not damage or destroy conducting paths on the circuit board.
- ★ To avoid mechanical damage to the connecting cables, the module should be attached securely to the fixture. Heavy vibration should be avoided.
- ★ Installation of LED modules with (power supplies) needs to be made with regard to all applicable electrical and safety standards. Only qualified personnel should be allowed to perform installation.
- ★ Please ensure that the power supply is of adequate power to operate the total load.
- ★ PrevaLED GinoLED outdoor module needs to be connected with constant current DC driver which must has stable constant current (+/-10% tolerance suggested) output.
- ★ Electrical contact is achieved with the contact cables.
- ★ The design of the housing should be according to the IP standards in the application.
- ★ Pay attention to standard ESD precautions when installing the module.
- ★ If surge protection structure not within power supplier, a lightning protector should be needed additionally for outdoor application.
- ★ The insulation designed working voltage U-out is 500V for this module.
- ★ The product was designed as built-in LED module which can only fulfil basic insulation. It should be applicable to Class I luminaires. If it is used in Class II luminaires, the final user should make sure the safety protection in final luminaires construction.
- ★ The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 1, 86 m is not expected.
- ★ IP connector and adaptor should NOT be touching the heat sink.

OSRAM Asia Pacific

2F, Block B, Jiaxing Building,
No 3151, Shahe West Road,Xili,
Nashan District, 518055, Shenzhen,
Guangdong, P.R. China
https://dsoem.osram.com

Sales and technical support is given by the local OSRAM subsidiaries. Complete subsidiaries listing is available at OSRAM homepage.