

LED Flood Lighting

SFP800

GigaTera®
beyond light



SFP800 Single Module



SFP800 with Remote Aiming Box

Product Description

- Ultra-light and compact design (8.8Kg for fixed bracket type, possible to use remote steering or aiming option)
- Enable to reduce costs and load for installation substructure and mast aimed to sustainable facility
- Outstanding light distribution, highly efficient lumen output, glare-free, minimum light pollution
- Flexible options with remote or integrated driver (Wireless, DMX, DALI, Cloud)

Application

- Sports Facilities
- Aircraft Hangars
- Airport Aprons
- Parking Lots
- Harbor / Yard

Certification

- ENEC, CE, CB

General Specifications

Model Name	SFP800
Power Consumption	Max. 800W (800~500W available by adjusting driver output)
Size, Single 800W	13.7 x 14.4 x 8.1 (inch) 348.6 x 364.8 x 206.8 (mm)
Weight (Single 800W)	7.5kg, 16.5lb (module only), 8.8kg, 19.4lb (with fixed bracket)
Warranty	5 Years (10 years conditional warranty)
Country of Origin	GigaTera Lighting Inc. (Made in Korea)
IP Rating	IP 66
IK Rating	IK 08
Projected Area (Worst case)	Front (1.345 (ft²) / 0.125 (m²) / LED module Side (0.753 (ft²) / 0.07 (m²) / LED module)
SCx (Worst case)	0.156ft²/0.145m² (LED module at 70° uptilting)
Operating Temperature	-22°F ~ 131°F / -30°C ~ 50°C
Operation Lifetime	> 100,000 hours (L90B10) at Ta 25°C

Electrical Performance

Input Voltage	200~277Vac (277~480Vac Optional)
Input Current	Max. 4.01A (@220Vac)
	Max. 1.86A (@480Vac)
Driver Installation Type	Remote Driver Type / Rear Mounted Driver type
Power Factor	≥0.9 at Max load
Frequency	50 / 60 Hz
Surge Protection	Line – Line 20kV, Line – FG 20kV

LED Electrical Performance

LED Driving Current	1,110 mA (Max.)
LED Input Voltage	240Vdc
Light Distribution	Symmetric Wide/Medium/Narrow Beam Asymmetric Wide/Medium/Narrow Beam

Option

Control	Wired (RS-485, DMX-512, DALI), Wireless (Zigbee, Casambi) Remote Aiming Box
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Lumen Data: Standard type

CCT	5000K (5700K, 4000K, 3000K optional)		
CRI	90 Ra	80 Ra	70 Ra
Luminous Flux *	Up to 80,000 lm	Up to 96,000 lm	Up to 108,000 lm
Luminous Efficacy *	Up to 100 lm/W	Up to 120 lm/W	Up to 135 lm/W

*Tolerance ±5%

Materials

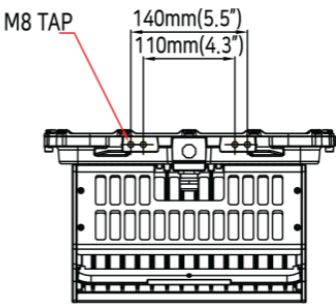
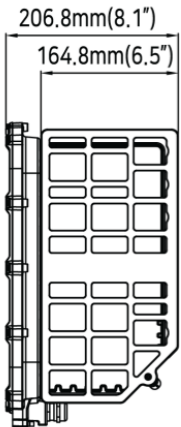
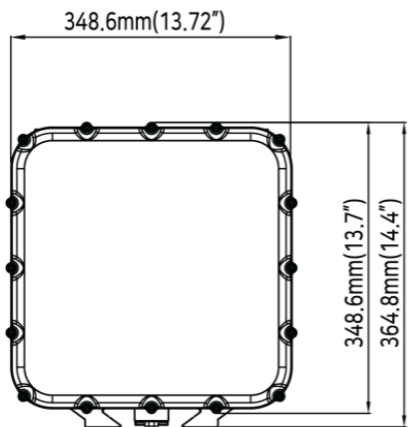
Body	Cast Aluminum
Optic	Lens
Cover	Tempered Glass 3.2T (Clear)
Finish	Electro Deposition (Black color)

Frontal Projected Area & SCx

Uptilting Angle	0°	15°	30°	45°	60°	70°	90°
FPA (m²)	0.06	0.085	0.105	0.12	0.12	0.125	0.11
SCx (m²)	0.07	0.10	0.125	0.14	0.145	0.145	0.135

Dimension

SFP800 Single 800W Module Only



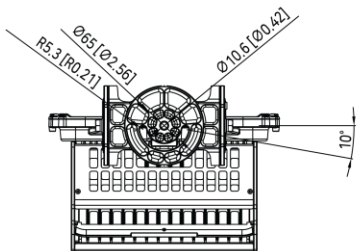
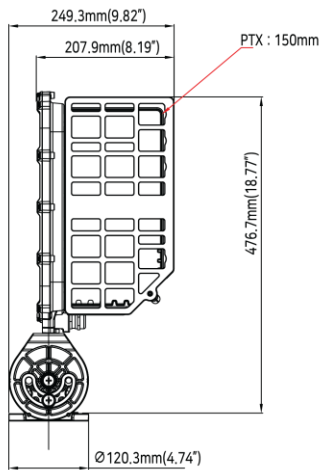
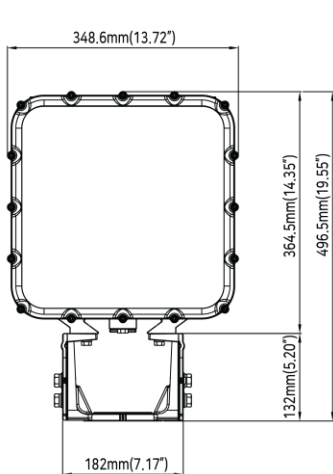
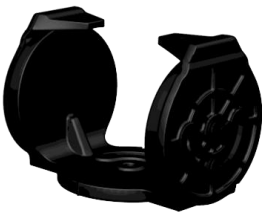
Size	13.7 x 14.4 x 8.1 (inch) / 348.6 x 364.8 x 206.8 (mm)
Weight	7.5kg, 16.5lb

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SFP800 (Single 800W Module with Fixed Type Bracket)



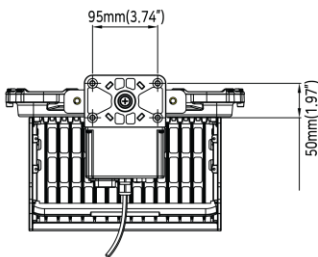
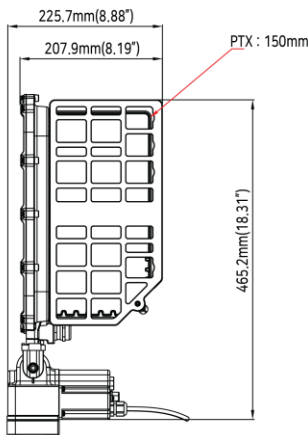
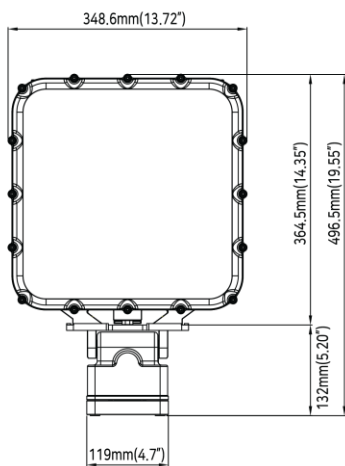
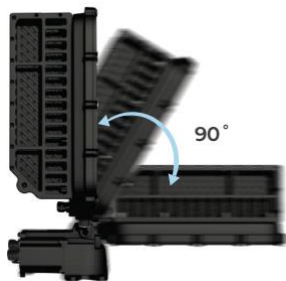
Size	13.7 x 19.5 x 9.8 (inch) / 348.6 x 496.5 x 249.3 (mm)
Weight	8.8kg, 19.4lb

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SFP800 (Single 800W Module with Remote Aiming Box, Optional)



Size	13.7 x 19.5 x 8.9 (inch) / 348.6 x 496.5 x 225.7 (mm)
Weight	9.5Kg, 20.94lb (Single 800W)