

LED Area Flood Lighting

WAPA Series

GigaTera[®]
beyond light

WP100 / WP075 / WP050

Product Description

- Ultralight and evenly distributed lighting for various spaces
- Multi-functional
- Easy replacement and installation
- Wireless

Application

- Wall Packs
- Billboards
- Roadways
- Parking Lots

Certification

- UL / FCC / DLC
- CE
- PSE
- KC / EE
- TIS



WAPA Series Specifications

Model Name	WP100				WP075				WP050				
Power Consumption	100W				75W				50W				
CCT	5700K	5000K	4000K	3000K	5700K	5000K	4000K	3000K	5700K	5000K	4000K	3000K	
Luminous Flux *(lm)	13,500	14,000	13,500	12,500	10,125	10,500	10,125	9,375	6,750	7,000	6,750	6,250	
Luminous Efficacy *(lm/W)	135	140	135	125	135	140	135	125	135	140	135	125	
CRI	80Ra				80Ra				80Ra				
LED Driving Current	83.3 mA				88.9 mA				83.3 mA				
Light Distribution	Asymmetric Wide												
BUG Rating	B1 – U0 – G2 (Backlight – Uplight – Glare)								B1 – U0 – G1				
Input Voltage	100~240 Vac / 100 ~ 277 Vac												
Input Current	Max. 1.25A (@100 Vac)				Max. 1.0A (@100 Vac)				Max. 0.6A (@100 Vac)				
Power Factor	≥0.9 at Max load												
Driver Type	Constant Current (CC)												
Fixture Manufacturer	GigaTera Lighting Inc.												
Size	None	552 x 262 x 140 (mm) / 21.7 x 10.3 x 5.5 (inch)								390 x 279 x 137 (mm) / 15.4 x 11.0 x 5.4 (inch)			
	Node	552 x 262 x 166 (mm) / 21.7 x 10.3 x 6.5 (inch)								390 x 279 x 137 (mm) / 15.4 x 11.0 x 6.5 (inch)			
Weight (Driver included)	9.3 lb / 4.2 kg								7.1 lb / 3.2 kg				
Material	Body	Cast Aluminum											
	Optic	Al Coating Reflector											
	Cover	Tempered Glass 3.2T (Clear)											
Finish	Powder Coating												
IP Rating	IK Rating	IP66 / IK07											
Operating Temperature		-30°C ~ 50°C											
Option	Control	Wireless (ZigBee) / Sensor (Daylight)											
	Mounting	Wall Mount, Mount Bracket, Pole Mount											
	Surge Protection	Line – Line 20kV, Line-FG 20kV											
Operation Life Time		> 60,000 hours (L80B10) at upto Ta 40 °C											
Warranty		5 Years (12 hours usage per day)											

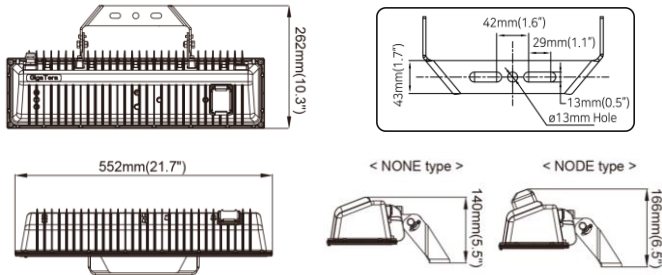
* Tolerance : ± 10%

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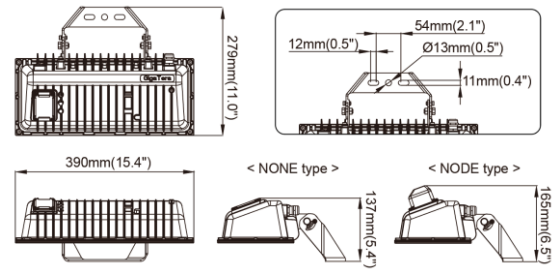
WAPA Series

WP100 / WP075 / WP050

WAPA 100W / 75W



WAPA 50W



Size

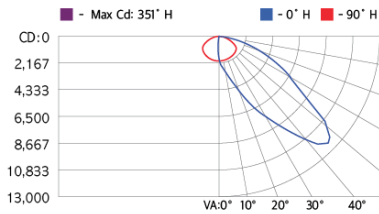
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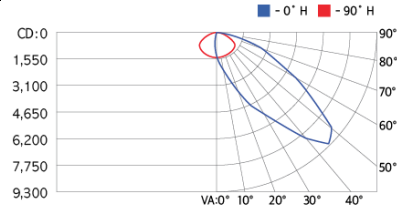
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Photometry Data

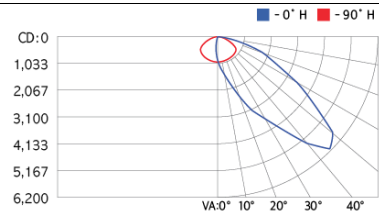
WP100 / 5000K



WP075 / 5000K



WP050 / 5000K



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Control System (Optional)

ZigBee	Wireless Control
Input Voltage	15 Vdc
Max. Power Consumption	0.3W (@15 Vdc)
Standard	2.4 GHz – IEEE 802.15.4 (Compatible)
Network	Mesh
RF Tx Power	Max. +8 dBm (Typ. 5 dBm)
Data Rate	250 kbps
Security	128 bit AES Encryption Algorithms
Antenna	Omni Type, 2 dBi

Daylight Sensor	Smart Sensor Module
Operating Voltage Range	15 Vdc
Max. Power Consumption	0.6W (@15 Vdc)
Detectable Illumination Range	9.2 – 92 fc (Default : 64 fc) / 100 – 1,000 lx (Default : 700 lx)
LED Light BI-level Setting	0 % to 30 % (Adjustable) / 10% (Default)
Weight	0.33 lb / 150 g

Ordering Information

Ordering Code Usage : WP050-A50WMAG1S

WP	000	-	0	00	00	00	00	0
	Power Consumption		Input Voltage	CCT (K)	Installation Type	Control System	Fixture Color	Surge Protector
	100 = 100W 070 = 70W 050 = 50W		A = 100 ~ 277V B = 100 ~ 240V	50 = 5000K 40 = 4000K 30 = 3000K	WM = Wall Mount MB = Mount Bracket PH = Pole Mount (Hor) PV = Pole Mount (Ver)	G = Daylight Sensor + ZigBee Z = ZigBee N = None	G1 = Gray Powder	S = Surge Blank = No