

# LED Flood Lighting

## MAHA-Plus 500 (Remote Driver Type)

MAP 500 (Remote Driver Type)

### Product Description

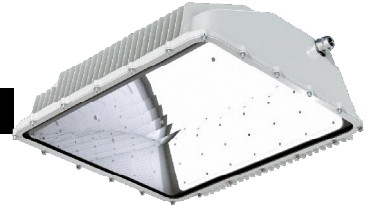
- Unrivaled efficacy 150 lm/W
- Replacement for HID flood light
- Outstanding cooling technology and durability
- High-power LED light with middle power LED chips and reflector technology
- Excellent light distribution and thermal design for natural convection
- Dimming control using wireless

### Application

- Sporting Facilities
- Airplane Hangars
- Airport Aprons
- Parking Lots
- Harbour
- Yard

### Certification

- CE



### MAHA-Plus 500 Specifications

<b>Model Name</b>	<b>MAP500</b>	
<b>Power Consumption</b>	<b>500W</b>	
<b>Light Source</b>	Middle Power LED Chips	
<b>CCT</b>	5000K (4000K / 3000K available)	
<b>Luminous Flux *</b>	75,000 lm	
<b>Luminous Efficacy *</b>	150 lm/W	
<b>CRI</b>	80 Ra	
<b>LED Driving Current</b>	120 mA	
<b>Light Distribution</b>	Asymmetric Wide	
<b>Input Voltage</b>	200 ~ 277 Vac / 347 ~ 480 Vac	
<b>Input Current</b>	Max. 3.0 A(@200Vac)	
	Max. 1.9 A(@347Vac)	
<b>Power Factor</b>	≥0.9 at Max load	
<b>Frequency</b>	50 / 60 Hz	
<b>Surge Protection</b>	Line – Line 20kV , Line – FG 20kV	
<b>Driver Type</b>	Constant Current (CC)	
<b>Fixture Manufacturer</b>	GigaTera Inc.	
<b>Size</b>	18.7 x 21.7 x 6.3 inch	
	475 x 551.5 x 160.5 mm	
<b>Weight (Driver excluded)</b>	24.9 lb / 11.3 Kg	
<b>Material</b>	<b>Body</b>	Cast Aluminum
	<b>Optic</b>	AL Coating Reflector
	<b>Cover</b>	Tempered Glass 4.0T (Clear)
<b>Finish</b>	Powder Coating	
<b>IP Rating</b>	IP66	
<b>Operating Temperature</b>	-22°F ~ 127°F -30°C ~ 53°C	
<b>Option</b>	<b>Control</b>	Wired (RS-485)
	<b>Mounting</b>	Swivel Bracket
<b>Warranty</b>	5 Years (12 hours usage per day)	

\* Tolerance : ± 5%

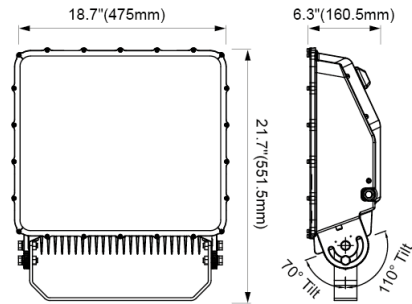
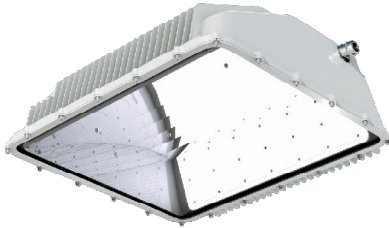
# LED Flood Lighting

## MAHA-Plus 500 (Remote Driver Type)

GigaTera<sup>®</sup>  
beyond light

MAP 500 (Remote Driver Type)

### MAHA-PLUS 500W



Size

18.7 x 21.7 x 6.3 (inch)

475 x 551.5 x 160.5 (mm)

### Remote Driver



<b>Model Name</b>	RED	
<b>Power Consumption</b>	1.3kW	
<b>Input Voltage</b>	200 ~ 277 Vac	347 ~ 480 Vac
<b>Input Current</b>	Max. 7.6A (@200 Vac)	Max. 5.0A (@347 Vac)
<b>Surge Protection</b>	Line – Line 20kV, Line – FG 20kV	
<b>Driver Manufacturer</b>	GigaTera Inc. / Made in Korea	
<b>Size (W x L x H)</b>	7.15 x 5.95 x 18.5 (inch) / 181.7 x 151.2 x 470 (mm)	
<b>Weight</b>	28.7 lb / 13.0 kg	

### Control System (Optional)

<b>RS-485</b>	Wired Control
<b>Input Voltage</b>	15 Vdc
<b>Max. Power Consumption</b>	0.2W (@15 Vdc)
<b>Communication Method</b>	RS-485
<b>Data Rate</b>	38400 bps, 8-N-1
<b>Dimmer Level</b>	PWM



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MAP 500 (Remote Driver Type)


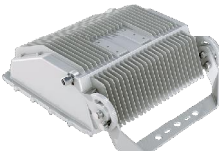


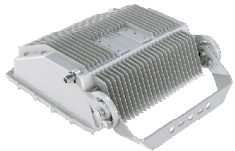
### Mount Bracket Installation Reference (Optional)

#### MAP500






##### KMDLMBK010320

	Ground Mounting (Basic)	Ground Mounting (Reverse)	Horizontal Mounting (Basic)	Horizontal Mounting (Reverse)
	 Upward 165° / Downward 15°	 Upward 55° / Downward 125°	 Upward 75° / Downward 105°	 Upward 145° / Downward 35°

##### KMDLMBK010250




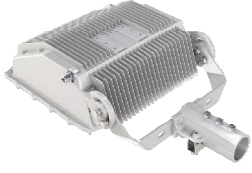
	Ground Mounting (Basic)	Ground Mounting (Reverse)	Horizontal Mounting (Basic)	Horizontal Mounting (Reverse)
	 Upward 165° / Downward 15°	 Upward 55° / Downward 125°	 Upward 75° / Downward 105°	 Upward 145° / Downward 35°

##### KMDLMBK010400

	Ground Mounting (Basic)	Ground Mounting (Reverse)	Horizontal Mounting (Basic)	Horizontal Mounting (Reverse)
	 Upward 145° / Downward 0°	 Upward 40° / Downward 110°	 Upward 55° / Downward 90°	 Upward 130° / Downward 20°

##### KETBKTL1ZNN001

##### KMDLMBK010020

	KMDLMBK010320 + KETBKTL1ZNN001			KMDLMBK010020
				

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## MAHA-Plus 500 (Remote Driver Type)



MAP 500 (Remote Driver Type)

Ordering Information (Remote Driver Type)			Ordering Code Usage : MAP500-V50G1		
MAP	OOO	-	O	OO	OO
	Power Consumption		Input Voltage	CCT (K)	Fixture Color
	500 = 500W		V = 100V	50 = 5000K 40 = 4000K 30 = 3000K	G1 = Gray Powder

### Distributed by



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 Document Revision V2.1 / 2017.09.30  
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