



Applications

Sporting Facility
Airplane Hangar
Airport Apron
Parking Lot
Harbour
Yard

Certification

Description

Excellent Cooling Structure
Wired / Wireless Lighting Control
Built-in 20KV Surge Protection Device

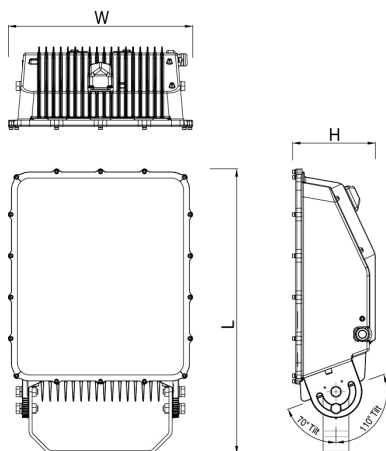
Specifications

Model Name	MA070-RGB	
Power Consumption	70W	
Correlated Color Temperature	Full Color	
Luminous Flux *	-	
Luminous Efficacy *	-	
Color Rendering Index	80 Ra	
Light Distribution	Asymmetric Wide	
LED Chip Manufacturer	CREE	
Input Voltage	100 - 277 Vac	
Input Current	Max 1.25A (@100Vac)	
Power Factor	≥0.9 at Max load	
Frequency	50 ~ 60 Hz	
Surge Protection	Line-Line 20KV, Line-FG 20KV	
Driver Type	Constant Current (CC)	
Driver Manufacturer	KMW INC. / Made in Korea	
Size (W x L x H)	14.1 x 21.7 x 6.3 (inch)	357 x 551.5 x 160.5 (mm)
Weight (Driver included)	22.1 lb	10 Kg
Material	Body	Cast Aluminum
	Optic	Silver Coating Reflector
	Cover	Tempered Glass 4.0T (Clear)
Finish	Powder Coating	
IP Rating	IP66	
Mounting Option	Swivel Bracket / Pole Mount / Mount Bracket	
Operating Temperature	-22°F ~ 131°F	-30°C ~ 55°C
Life Time	50,000 Hours (@77°F / 25°C)	
Warranty	5 Years (12 hours usage per day)	

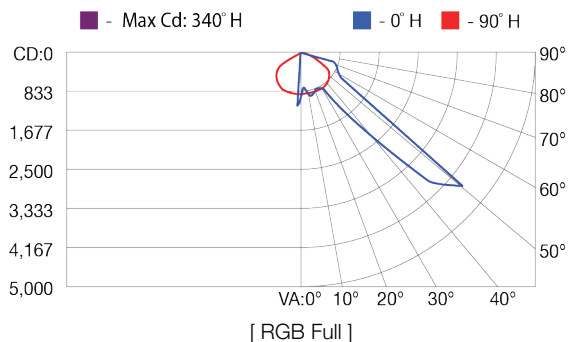
Option

Control System	Wireless (ZigBee) / Wired (RS-485)
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*Tolerance : ± 5%



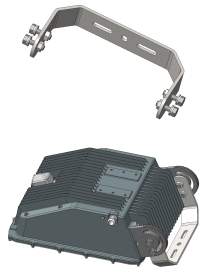
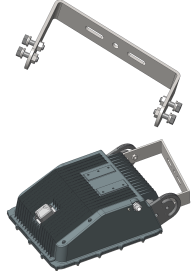
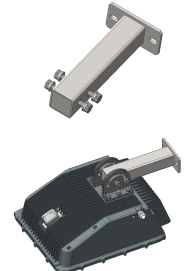
Photometry



Control System (Optional)

ZigBee (Mesh Networking)		Wireless Control
Input Voltage		15 Vdc
Max. Power Consumption		0.3 W (@15Vdc)
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
Dimmer		PWM, 0 – 10 Vdc
Antenna		Omni Type, 2 dBi
RS-485		Wired Control
Input Voltage		15 Vdc
Max. Power Consumption		0.2 W (@15Vdc)
Communication Method		RS-485
Data Rate		38400 bps, 8-N-1
Dimmer Level		PWM, 0 – 10 Vdc

Mounting Type (Optional)

			
BK010090 Up : 110° / Down 70°	BK010100 Up : 110° / Down 70°	BK010210 Up : 140° / Down 0°	BK010220 Up : 140° / Down 0°
			
BK010110 Up : 180° / Down 0°	BK010120 Up : 180° / Down 0°	BK010130 Up : 180° / Down 0°	BK010140 Up : 180° / Down 0°

Ordering Information

MAHA : LED Area Flood Lighting (Order Code Usage : MA070-AFCRG1090)

MA	000	-	0	00	0	00	000
	Power Consumption		Input Voltage	Color	Control System	Fixture Color	Bracket
	070=70W		A=100~277V	FC=Full Color	Z=ZigBee R=RS-485	G1=Gray Powder	090=BK010090 100=BK010100 110=BK010110 120=BK010120 130=BK010130 140=BK010140 210=BK010210 220=BK010220