Premium Area Light QMP Unique Fixture

QuadroMAX Plus is a modular area lighting fixture capable of replacing traditional metal halide solutions from 150W to 750W. Up to six LED modules can be interlocked to create lumen packages from 5,600 to 39,500. QuadroMAX Plus is a premium area lighting fixture with LED modules that interlock to create configurations from 50W to 300W, reaching 39,500+ lumens. Independent modules and drivers enable quick and efficient product maintenance and customization in the field!



PERFORMANCE:

- Available in lumen packages from 5,600 to 39,500 lumens.
- LEDs are rated for greater than 100,000 hour life with calculated lumen maintenance > 90% (L90) at 25°C.
- 0-10V dimmable driver standard available in 120-277V or 347-480V.

DESIGN:

- 20kV Surge Suppression standard
- Field-replaceable driver functionality head module containing driver can be easily disconnected from fixture and replaced via quick connections.

OPTICS:

• Available in Type II, Type III, Type IV, and Type V optics to allow for a range of asymmetric to symmetric distributions.

CONSTRUCTION:

- Die Cast A380 Aluminum
- Independent LED engine arrays and optics
- High efficiency PC lens optics
- 12" 18/3 SJTW 3C shielded power feed cord included standard (Power and Control wires)

CONTROLS:

Photo/Motion Sensor: The Wattstopper FSP-211 uses passive infrared (PIR) sensing technology to react to changes in infrared energy (i.e. moving body heat) within the coverage area. This slim, low-profile sensor is designed for installation inside the bottom of a light fixture body and is ideal for outdoor environments. The sensor operates at 120V/230V-240V and single phase 277V. The motion sensor is fully adjustable with dimmed light level options as well as on/off dusk to dawn control. Sensor can be combined with various lenses to operate at mounting heights from 8' to 40'. Factory settings can be adjusted via the FSIR-100, a wireless configuration tool. Note that the sensor comes with photocell setting disabled and the FSIR-100 must be purchased if photocell functionality is desired.

RPC or PR7 Options: Allow the use of 3rd party distributed intelligence controllers designed to connect to the fixture via our NEMA standard C136.41 3- or 7-pin twist lock receptacle to provide dimming and On/Off control. Separate Photocontrol options are available, see page 2.

SENSOR DEFAULT SETTINGS:

FACTORY DEFAULTS							
High Mode	10V						
Low Mode	1V						
Time Delay	5 Min						
Cut Off	1 Hr						
Sensitivity	Max						

MOUNTING:

• Five different mounting options to address three key areas of lighting: flood, area and wall pack applications.

ENVIRONMENT:

• Listed for use in wet locations to UL standards and meet IP66 rating.

PHOTOMETRICS:

Please see page 4 for Iso-footcandle layouts.

OPTIONS:

- NEMA 3-pin and 7-pin photocontrol receptacle
- High/Low/Off PIR fixture-integrated photo/motion sensor compatible with FSIR-100 remote control

FINISHES:

• Satin bronze finish standard



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SPECIFICATIONS:

ІТЕМ	SPECIFICATION	DETAILS					
	Color Temperature (CCT)	5000K					
	CRI	>70					
GENERAL PERFORMANCE	Efficacy	up to 131 lpw					
	Calculated Lumens Maintenance (L90, TM-21 @ 25°C)	≥ 100,000 hrs					
Power Factor		Over 90%					
ELECTRICAL	Input Voltage	120V-277V 50/60 Hz or 347-480V 50/60 Hz					
	Housing	Die cast aluminum with powder coat paint					
	Lens	Polycarbonate					
PHYSICAL	Operating Temperature	-40°C to 50°C (-40°F to 122°F)**					
	Dimensions	See PHYSICAL SPECIFICATIONS table on page 3					
	Weight	See PHYSICAL SPECIFICATIONS table on page 3					
	Certification	DLC 4.2 Premium, UL listed, IP66					
CEDTIEICATION	Environment	Wet Location					
CERTIFICATION	Humidity	10% - 90% RH, non condensing					
	Warranty	10 years*					

*Subject to maximum 12 hours per day operation

**Maximum operating tempurature for 150W and 200W models is 40°C (104°F).

MODEL SELECTION	Ту	Typical order example: QMP-50UT5-50B												
QMP	-	Γ							-		50	В		
FAMILY	•	WATTAGE			v	OLTAGE	DIST	RIBUTION	-	сст		FINISH		OPTIONS
QMP	-		50=	24 LEDs, 50W, 150W MH equiv.	<mark>U</mark> =	120-277V	T2=	Type II	-	<mark>50</mark> =	5000K	BMZ	(BLANK)=	None
		1	100=	48 LEDs, 100W, 250W MH equiv.	н=	347-480V	<mark>⊤3</mark> =	Type III					MS=	Photo/Motion Sensor
		1	<mark>150</mark> =	72 LEDs, 150W, 320W PSMH equiv.			т4=	Type IV					RPC=	NEMA 3-Pin Photocell Receptacle
		2	200=	96 LEDs, 200W, 400W MH equiv.			т5=	Type V					PR7= NEMA 7-Pin Photocell Recepta	
		2	250=	120 LEDs, 270W, 400W PSMH equiv.										
		3	300=	144 LEDs, 317W, 750W PSMH equiv.										

MOUNTINGS¹:

EXAMPLE: QMP-PM-B								
FAMILY	-		MOUNTING	-	FINISH			
QMP	-	PM= SK= KS= TS= WP=	Pole Mount ² Slipfitter Knuckle Knuckle Surface Trunnion Swivel Wall Pack	-	BMZ			

HOUSE SIDE SHIELD:

	EXAMPLE: QMP-50HS-B									
FAMILY	-	MOU	NTING		ACCESSORY	-	FINISH			
QMP	-	50= 100= 150= 200= 250=	50W 100W 150W 200W 250W	HS=	House Side Shield	-	BMZ			

NOTES:

1. Mounting options sold separately.

2. Pole mount comes with a 4" round pole adaptor standard.

ACCESSORIES:

ITEM ACCESSORY	ITEM NAME	ITEM DESCRIPTION			
Photocontrols	6390LBK	Twist-Lock Electronic Photocontrol 120/208/240/277V			
	6394LL	Twist-Lock Electronic Photocontrol 432-528VAC			
Dound Dala Adaptors	QMP-3RPA-B	3" ROUND POLE ADAPTER FOR QMP-PM SERIES, TO BE USED WITH POLE MOUNT, BRONZE			
Round Pole Adapters	QMP-5RPA-B	5" ROUND POLE ADAPTER FOR QMP-PM SERIES TO BE USED WITH POLE MOUNT, BRONZE			
Remote Control	FSIR-100	Remote Hand-held Configuration Tool			

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EPA SPECIFICATIONS:

	EFFECTIVE PROJECTED AREA (EPA) IN SQ. FT [SINGLE FIXTURE]										
	FIXTURE TILT/AIMING ANGLE										
MODEL NUMBER	10°	20°	30 °	40°	50°	60°	70 °	80°	90°		
QMP-50	0.47	0.71	0.92	1.11	1.27	1.40	1.49	1.54	1.54		
QMP-100	0.54	0.84	1.12	1.37	1.57	1.74	1.86	1.93	1.94		
QMP-150	0.61	0.98	1.32	<mark>1.62</mark>	1.87	2.08	2.23	2.31	2.34		
QMP-200	0.67	1.11	1.51	1.87	2.18	2.43	2.60	2.70	2.73		
QMP-250	0.77	1.31	1.80	2.24	2.61	2.92	3.14	3.26	3.30		
QMP-300	0.86	1.44	1.99	2.49	2.91	3.26	3.51	3.65	3.69		

PHYSICAL SPECIFICATIONS:

	MAIN BODY FIXTURE									
MODEL NUMBER	LENGTH	WIDTH	HEIGHT	WEIGHT						
QMP-50	14.26″	13.35″	2.57″	19.8 lbs (9.0kg)						
QMP-100	17.90″	13.35″	2.57″	25.4 lbs (12kg)						
QMP-150	<mark>21.54″</mark>	<mark>13.35″</mark>	<mark>2.57"</mark>	28.7 lbs (13kg)						
QMP-200	25.18″	13.35″	2.57″	33.1 lbs (15kg)						
QMP-250	QMP-250 28.82"		2.57″	39.7 lbs (18kg)						
QMP-300	32.46″	13.35″	2.57"	44.1 lbs (20kg)						

PHOTOMETRIC PERFORMANCE:

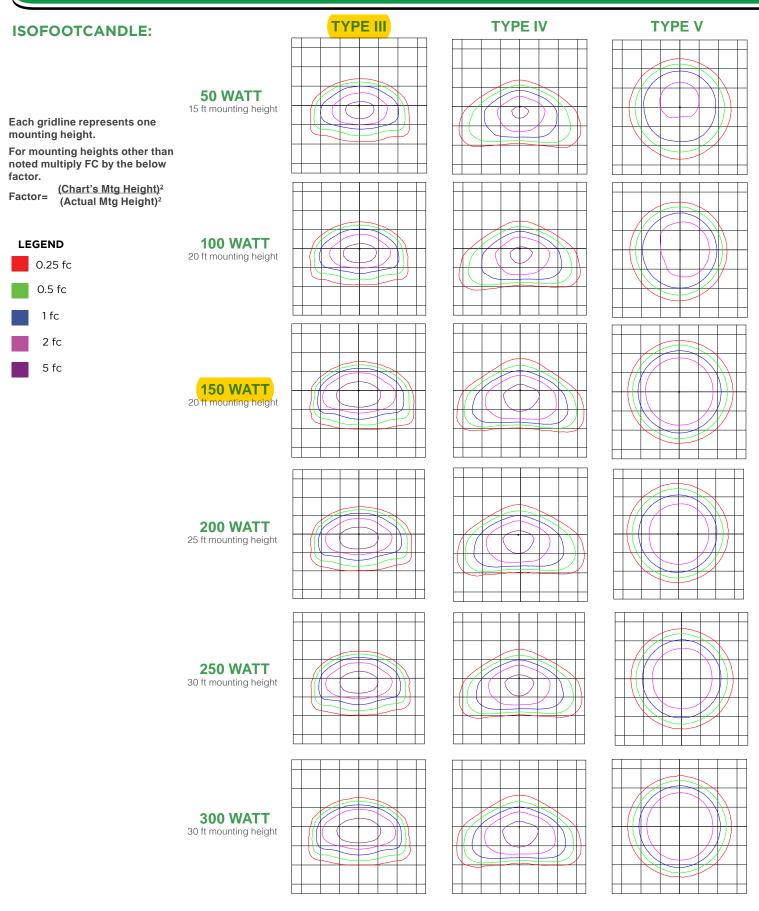
PHOTOMETRIC PER	FORMANCE:	Т3	T4	Т5
MODEL NUMBER	INPUT POWER	LUMENS	LUMENS	LUMENS
QMP-50	50W	5,690	5,615	5,900
QMP-100	100W	11,810	11,700	12,275
QMP-150	150W	17,475	17,165	18,135
QMP-200	200W		23,180	23,340
QMP-250	QMP-250 270W		31,840	33,485
QMP-300	QMP-300 317W		37,315	39,505

BACKLIGHT, UPLIGHT, AND GLARE RATINGS:

		Т3			T4		Т5			
MODEL NUMBER	в	U	G	В	U	G	В	U	G	
QMP-50	B2	U1	G1	B1	U1	G1	В3	U1	G1	
QMP-100	В3	U2	G2	B2	U2	G2	В3	U2	G2	
QMP-150	B3	<mark>U2</mark>	G2	В3	U2	G2	В4	U2	G2	
QMP-200	B4	U2	G2	В3	U2	G3	В3	U2	G3	
QMP-250	B4	U2	G3	В3	U3	G3	B5	U2	G3	
QMP-300	B4	U3	G3	B4	U3	G4	B5	U3	G3	



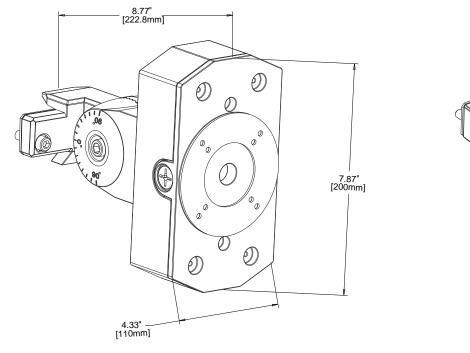
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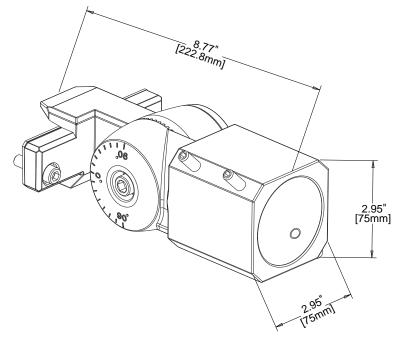
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MOUNTING ENGINEERING DRAWINGS:



ictus⁹05: ictus

KNUCKLE SURFACE MOUNT QMP-KS POLE MOUNT QMP-PM

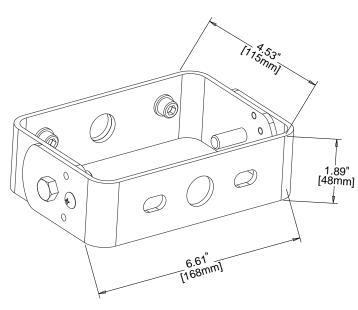


SLIPFITTER MOUNT QMP-SK

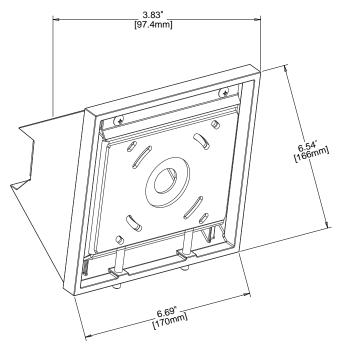


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MOUNTING ENGINEERING DRAWINGS:



TRUNNION SWIVEL MOUNT QMP-TS



WALL PACK MOUNT QMP-WP