

Project:	
Type:	
Catalog # :	

FME Lighting | 877 - 234 - 8460 | info@fmelighting.com



SPECIFICATIONS

Electric

Rated Power	20W / 40W / 60W
Input Voltage	AC100-277, 347-480V
Input Frequency	50/60Hz
Power Factor	> 0.95
Driver Efficiency	≥ 90%
DC output Ripple & Noise	< 200mVP-P

Optical

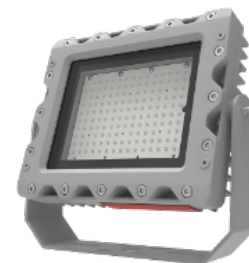
Lumen Output	3200lm ~ 9600lm
Luminous Efficacy (Lumens per Watt)	160lm/W
Beam Angle	30° / 60° / 90° / 110° T2 / T3 / T4
CCT	Amber, 2700K, 3000K, 4000K, 5000K
CRI	Ra>70

Environmental

Ambient Operating Temperature	-40°C~+65°C
Ambient Operating Humidity	10%~90% RH
Atmospheric pressure	86~106KPa

Technical

Lens Material	Glass
Mounting Options	Pendant / Ceiling / Wall mount / Stanchion / U-Bracket
Cabling	1m leads standard (L/N/G, Dim+, Dim-) Special request for various length
Cable Entries	3/4" NPT, 1-1/4" NPT, 1-1/2" NPT
Lumen Maintenance	L70 > 150,000hours @ 25°C
Net Weight	6.3kg
Warranty	5-year limited system warranty

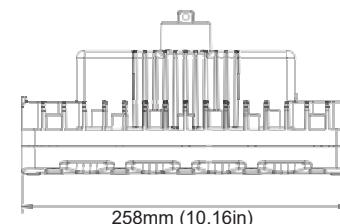
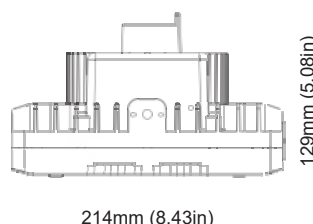
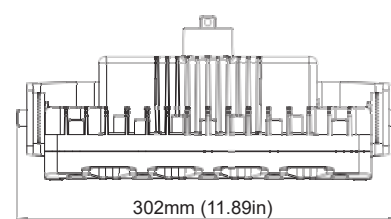
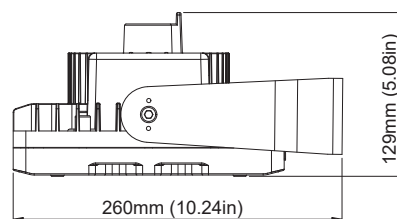


CERTIFICATIONS

- Class I, Division 1 Groups B, C, D
- Class I, Division 2 Groups A, B, C, D
- Class II, Division 1 Groups E, F, G
- Class II, Division 2 Groups F, G
- Class III
- Class I, Zone 1 Group IIB+H2
- Class I, Zone 2 Group IIC
- Zone 21, Zone 22
- UL 1598 Wet Locations
- UL 1598A Marine Outside Type (Salt Water)
- UL 8750 LED Safety
- CSA C22.2 No.137-M1981
- CSA C22.2 NO. 250.0

DIMENSIONS

millimeters (mm)(in)



OPTICS & LUMENS

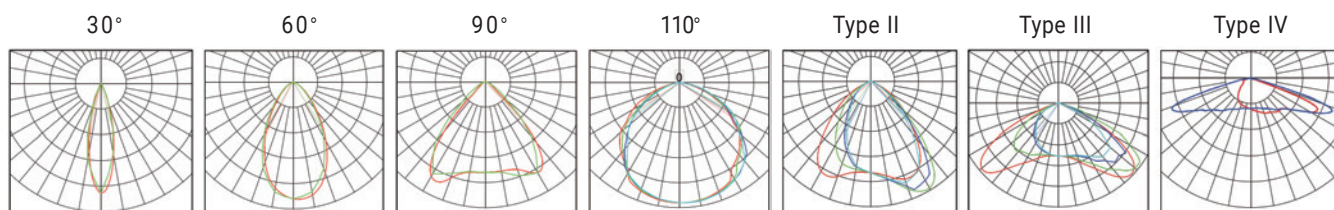
*See Page 2 for All Photometry Diagrams.

ORDERING INFORMATION

ORDERING GUIDE

Series		Wattage	Rating	Voltage	CCT	Optic	Lens	Mounting	Accessories		
ISC	2 = 20W	1 = C1D1, C2D1	LV = AC100-277V	S = 2700K	3 = 30°	TG = Transparent glass FG = Frosted glass	P = Pendant mount	9SM2 = Stanchion 90°	WG = Wire guard		
	4 = 40W	2 = C1D2, C2D1	HV = AC347-480V*	T = 3000K	6 = 60°		(3/4" NPT)	SC = Safety cable	SP20N = 20KV surge protector (347-480V)		
	6 = 60W		*Only available for 60W	I = 4000K	9 = 90°		TR = Trunnion bracket	2SM4 = Stanchion 25°	VS = Dark sky visor	PBC48 = Pipe Clamp	
			C = 5000K	11 = 110°	(3/4" NPT)		(1-1/4" NPT)	SP10U = 10KV surge protector (100-277V)	(M8*48mm) for pole Φ 1		
				A = Amber	T2 = Type II		WM9 = Wall mount 90°	2SM2 = Stanchion 25°	*Standard	PBC60 = Pipe Clamp	
					T3 = Type III		WM2 = Wall mount 25°	(1-1/2" NPT)			
					T5 = Type IV		9SM4 = Stanchion 90°	JB = Ceiling Junction	SP10N = 10KV surge protector (347-480V)	SP10N = 10KV surge protector (347-480V)	(M8*60mm) for pole Φ 2
							(1-1/4" NPT)	Box			3/8" (60mm)
								PS = Pole Stanchion	*Standard		PS = Pole Stanchion 2"
									SP20U = 20KV surge protector (100-277V)		(60mm)

PHOTOMETRY



LUMENS

Wattage <i>Input Voltage</i>	Lumens
20W <i>AC100-277V</i>	3,200lm
40W <i>AC100-277V</i>	6,400lm
60W <i>AC100-277V</i>	9,600lm

ACCESSORIES

Mounting Options



PD
Pendant Mount
3/4" NPT



TR
Trunion Bracket
3/4" NPT



WM9
Wall mount 90°
3/4" NPT



WM2
Wall mount 25°
3/4" NPT



9SM4
Stanchion mount 90°
1-1/4" NPT



2SM4
Stanchion mount 25°
1-1/4" NPT



JB
Junction Box
3/4" NPT

9SM2
Stanchion mount 90°
1-1/2" NPT

2SM2
Stanchion mount 25°
1-1/2" NPT

Accessories



TR
Trunion Bracket
3/4" NPT



WG
Stainless steel
wire guard



SC
Stainless steel
safety cable
Φ6 (3mm)



VS
Stainless steel
dark sky visor



PBC48
Pipe Clamp
(M8*48mm)
for pole Φ 1-7/8"



PBC60
Pipe Clamp
(M8*60mm)
for pole Φ 2-3/8"



SP10U
10KV Surge Protector
*Standard
10KV (100-277V)
SP10N
10KV (347-480V)



SP20U
20KV Surge Protector
20KV (100-277V)
SP20N
20KV (347-480V)



PS
Pole Stanchion
2-3/8" (60mm)