

Project:	
Type:	
Catalog #:	

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



SPECIFICATIONS

Mounting

Suitable for installation in recessed 1"-1.5" T-Grid or hard ceiling applications. Hard ceiling (flange) type mounts via swing arm brackets that extend and clamp with a single screw action. Swing arm bracket also serves as connection for earthquake cables.

Housing

18 gauge cold rolled steel die-formed to shape with seams welded, ground smooth, and caulked airtight. Aluminum and 304 stainless steel available.

Door

One-piece 18 gauge cold rolled steel, gasketed and sealed overlapping door. Freedom Hinge™ design permits removal and hinging from either side. Aluminum and 304 stainless steel available.

Lens

Optic Plus lens (standard) completely hides diode image while providing greater than 90% light transmission.

Finish

Antimicrobial white powder-coat applied after phosphate pretreatment for superior adhesion and corrosion resistance. Brushed stainless steel door available.



Hardware

Stainless steel fasteners.

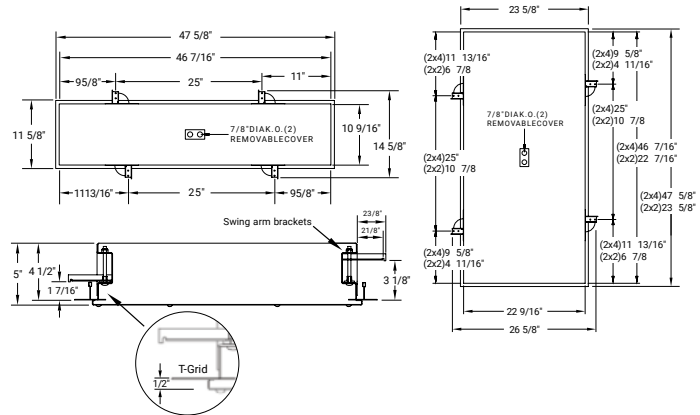
Driver

0-10Vdc 1% dimming, >0.9 PF, <20% THD
Factory programmable, Operating temp -40°C Min. to 50°C Max

CERTIFICATIONS

UL Listed wet location and IP65 rated.
Suitable for use in ISO-3 cleanrooms (209E Class 1).

DIMENSIONS



ORDERING INFORMATION

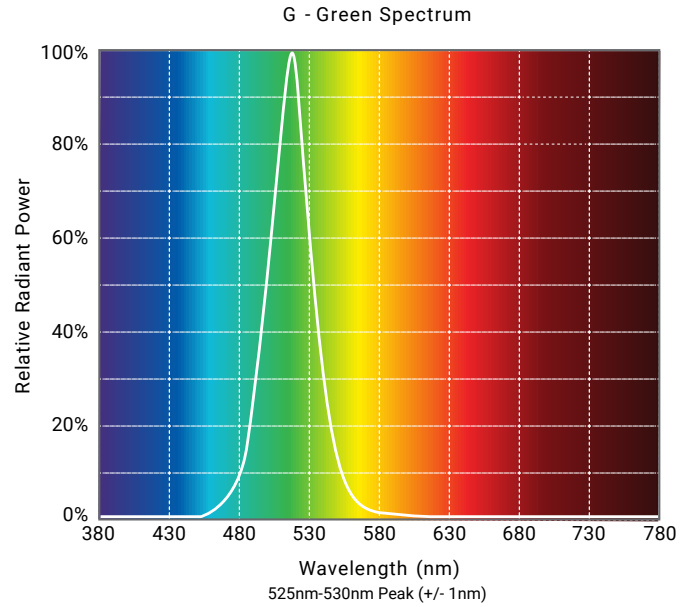
ORDERING GUIDE

SYM-G						V	D				
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Series	Luminaire Size	LED Source	CRI	Door Material	Door Finish	Voltage	Driver	Internal Lens	External Lens	Options	Housing Material				
Luminaire Size				Door Finish				External Lens							
A	1 x 4, <u>three rows max</u>			BS	Brushed (Stainless steel only)			00	No external						
B	2 x 2			W	White			33	.125 in. clear polycarbonate						
C	2 x 4			Voltage				Options							
LED Source				V				2C							
Refer to the LED Source Table on Page 2 for available options.				Variable, 120-277 V, 50/60Hz				Two circuit wired							
CRI				Driver				CU							
80	Min 80 CRI					D				Canadian UL Listing					
90	Min 90 CRI					0-10VDC 1% Dimming, <u>standard</u>				CP					
Door Material				Internal Lens				EM							
A	Aluminum					122				Emergency battery backup					
C	Cold rolled steel, <u>standard</u>					122R				FH					
S	304 Stainless steel					Optic Plus with RF grid*				Fuse and holder					
				130				<u>Must be used with RF filter</u>				IMS			
				.125 in. LED diffusing Lexan				* Conducted and radiated emissions controlled as per MIL461 with the use of 122R lens and RF Filter.				Integral Occ Sensor			
				For <u>Tested and Certified</u> MIL461 performance, Contact Factory								NL-LED			
												Night light, LED			
												PF			
												Plaster frame			
												RF			
												Radio interference filter, one per circuit*			
												TP			
												Stainless steel torx head fasteners w/ pin			
												Housing Material			
												A			
												Aluminum			
												S			
												Stainless steel			

LED Life
>100,000

LED Source (Box 2)	Delivered Lumens	L/W	Input Watts
1' x 4' Fixture			
1G29	2900	168	17.3
1G56	5642	129	43.8
2 x 2' Fixture			
1G28	2850	129	22.1
2G57	5700	130	43.8
2 x 4' Fixture			
1G28	2796	179	15.6
1G57	5765	138	41.7
2G84	8436	160	52.8
2G112	11183	141	79.5
2G118	11869	135	87.6



Specified Output Option

FME Lighting programmable drivers allows us to deliver a specific lumen output. If none of the options in the chart above fit your application, let us know the desired lumen output and we will do the rest. See the example for a 2x4 on how this will be specified:

Example Model:

SYM-C-XX¹SO-40/80-C-W-V-D-122/00-(XX²/LUMENS)

LUMENS = You provide the lumens.

XX¹ = We will determine the number of rows.

XX² = We will provide the wattage information.

Photometric Data @80 CRI with 122 lens

Use the multipliers below to adjust the delivered lumens

33 lens multiplier

.86