Job Name:

Type:

Part #:

Notes:

HSYM-G Series

Surgical Grade Grid / Flange Ceiling
LED Green LED Version



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. The custom 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.

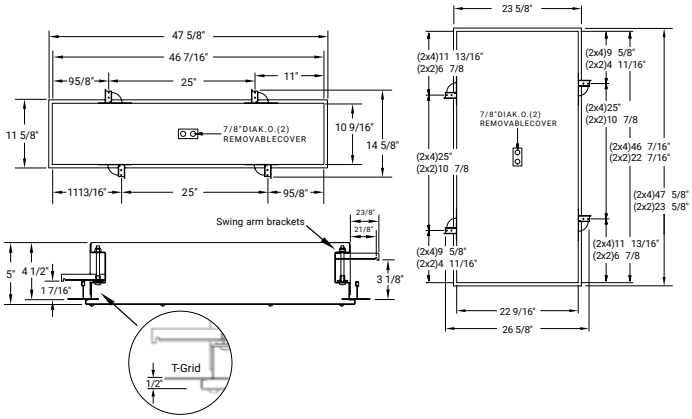
Hardware: Stainless steel fasteners.

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).

IP66 IP65 ISO3 209E CLASS 1 WET MADE IN USA

DIMENSIONS



ORDERING GUIDE

HSYM-G						V	D				
Series	Luminaire Size	LED Source	CRI	Door Material	Door Finish	Voltage	Driver	Internal Lens	External Lens	Options	Housing Material

HSYM-G

Luminaire Size
- A 1 x 4, three rows max
- B 2 x 2
- C 2 x 4

LED Source
Refer to the LED Source Table on Page 2 for available options.

CRI
- 80 Min 80 CRI
- 90 Min 90 CRI

Door Material
- A Aluminum
- C Cold rolled steel, standard
- S 304 Stainless steel

Door Finish
- BS Brushed (Stainless steel only)
- W White

Voltage
- V Variable, 120-277 V, 50/60Hz

Driver
- D 0-10VDC 1% Dimming, standard

Internal Lens
- 122 Optic Plus diffusing acrylic, standard
- 122R Optic Plus with RF grid*
  Must be used with RF filter
- 130 .125 in. LED diffusing Lexan

* Conducted and radiated emissions controlled as per MIL461with the use of 122R lens and RF Filter.

For Tested and Certified MIL461performance, Contact Factory

External Lens
- 00 No external
- 33 .125 in. clear polycarbonate

Options
- 2C Two circuit wired
- CU Canadian UL Listing
- CP CCEA Chicago
- EM Emergency battery backup
- FH Fuse and holder
- IMS Integral Occ Sensor
- 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

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Job Name:

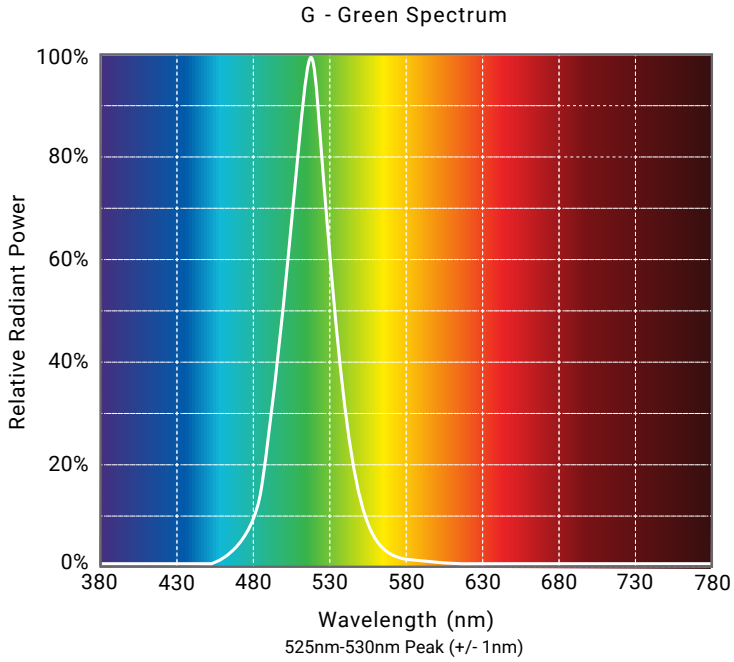
Type:

Part #:

Notes:

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

The programable drrivers 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:
HSYM-C-XX[1]SO-40/80-C-W-V-D-122/00-(XX[2]/LUMENS)

LUMENS = You provide the lumens.
XX[1] = We will determine the number of rows.
XX[2] = 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

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