

Project:	Catalogue #:	Type:
Notes:		

Product Description

The SAFG series by Certolux is a specification-grade, recessed grid IP65, IP66 IC-rated luminaire, for ISO Class 4 Cleanrooms. Ideal for Pharmaceutical manufacturing, Food Processing, Life Sciences and laboratories. NSF/ANSI 2 Food Zone Non-contact and Splash Zone Applications. For use in Wet Locations, Insulated Ceilings. For use in Hazardous Locations, consult ordering key.

Feature Option

- Emergency LED Battery Pack



Housing

Precision formed, TIG welded, one piece 18 gauge cold rolled steel housing.

Mounting

Earthquake clips provided.

Door Frame

One piece 60° beveled perimeter door frame, fabricated from 18 gauge, cold rolled steel with TIG welded corners. The door assembly is self centering by means of locating studs. It is retained by stainless steel aircraft cable when opened. Specialized, military grade, flat head, stainless steel, captive fasteners with integral silicone o-rings easily secure door frame to housing through use of floating cage nuts. Silicone o-rings offer superior performance and longer life over comparable teflon bushings. Protective stops prevent the fasteners from being over-tightened and bending the lens door frame. Custom shaped, extruded closed cell silicone gasketing is used throughout to ensure precise, redundant seals between door assembly, housing and plenum. Vulcanized corners ensure continuity of the seal on the frame gasket. Continuous retention-mounts mechanically secure and evenly distribute force against both gasketing and diffuser.

Lens & Lens Retention

Standard lens high impact 0.125" thick acrylic lens with diffuse inner layer provides symmetric distribution. Smooth external surface for easy cleaning. Sealed to doorframe with RTV silicone sealant. See order key for other options.

Finish

White, polyester powder painted housing.

Electrical

Long life LED's coupled with high efficiency drivers provide quality illumination. Rated to deliver an L80 performance >50,000 hours. The standard driver has a THD of <10%. Standard low-voltage dimming (0-10v, 1%). All electrical components are CSA or UL approved.

Warranty

5 year limited warranty. For complete warranty, click here:



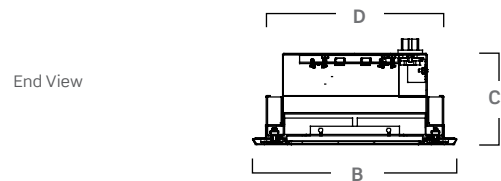
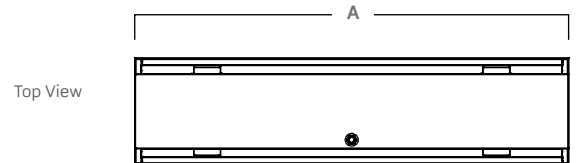
Approvals

- Approved to CSA and UL standards.
- UL listed for wet locations, insulated ceilings.
- For use in Hazardous Locations Class I Zone 2, Zone 22.
- IP65 & IP66.

Consult ordering key for HazLoc options and Temperature Codes.



Dimensions



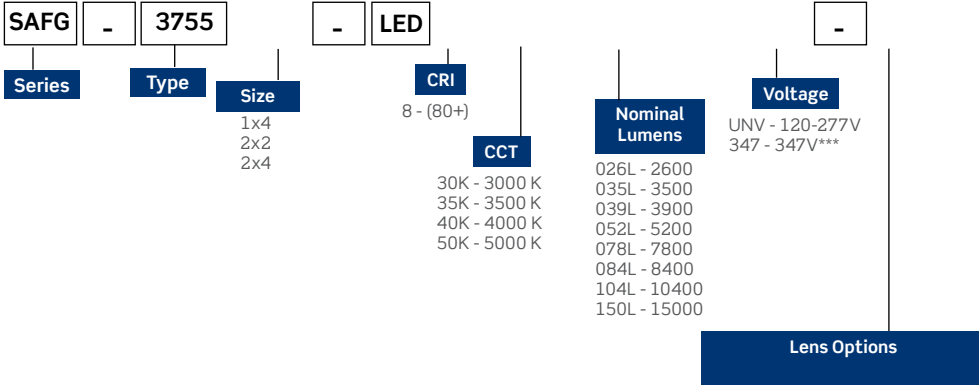
	Dimensions (inch) & Weights			
	A	B	C	D
1x4	48"	12"	5.4"	10.5"
2x2	24"	24"	5.4"	22.5"
2x4	48"	24"	5.4"	22.5"

Consult installation guide for exact dimensions.

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Order Key

EXAMPLE: SAFG-37552x4-LED840K104LUNV-DSA



DSA

- Options**
- Driver Options**
 B02 Dimming Addressable Digital (DALI)
 B39 Emergency Lighting Battery Pack - LED
 B39(XH) Haz. Loc. Emergency Batt. Pack
- Packaging Options**
 K0 Bulk Pack/Pallet Packed and/or Wrapped
- Finish Options**
 F47 White Gloss Antimicrobial NSF Approved
- Housing Construction Options**
 C44 Housing SS #304 Painted
 C38 Housing Aluminum .050 Painted
- Door Frame Options Options**
 Painted CRS is standard
 D3 Door Frame Stainless Steel (#304)
 D9 Door Frame Stainless Steel (#316)
 D10 Door Frame Aluminum .063 Painted
 D17 Door Frame SS (#304) Painted
 D18 Door Frame SS (#316) Painted
- Wiring Options**
 V57[†] Sealed Wireway 90 degree connector w/10ft
 Liquid Type Flex 3/14Ga. Wire
 V80 LED Red array - One Row
 V81 LED Red array - Two Rows
- Approval and Rating Options**
 X5 NSF (National Sanitation Foundation)
 XH^{††} Class I Zone 2 Groups IIC, IIB + H2, IIA
 Zone 22 Groups IIB, IIA
 (Class I Div 2 Groups A,B,C,D
 Class II Div 2 Groups F,G
 Class III)
 T3C or T4

- Lens Options**
- (DSA Standard)**
 DSA - 0.125" High Impact Clear Acrylic w/
 Diffuse Inside layer (Std.)
 DSP - 0.125 Clear Polycarbonate w/
 Diffuse inside layer
 P11 - Lens Prismatic Acrylic - P19 .156"
 P13 - Lens Prismatic Acrylic - P12 .125"
 Thick
 P16 - Lens Prismatic Polycarbonate - P12
 .125" Thick
 P15 - .140" Prismatic High Impact Acrylic
 (pattern #12, inverted)

Performance Data			
White LED Performance			
Size	Nominal Lumens	Watts	Temp. Code (XH Only)
1x4	2600	25	T3C
	5200	47	
	7800	75	
	10400	98	
2x2	2600	25	
	3500	33	
	3900	36	
	5200	47	
	7800	75	
2x4	8400	80	
	5200	47	
	7800	75	
	10400	98	
2x4	15000	147	

Performance Data			
Red LED Array			
Size	Rows of LED	Lumens	Watts
1x4	1	2045	54
	2	4090	108
2x2	1	1020	27
	2	2045	54
2x4	1	2045	54
	2	4090	108

* Comes with P05 or P56.
 ** Consult factory for Glass Options
 *** Emergency battery pack is not available with Haz Loc (HX)
[†] Not available with Haz Loc (HX).
^{††} Occupancy/Motion Sensors and 1% dimming.

Other options may be available, consult factory. Specifications and data subject to change without notice.