

PRODUCT INFORMATION

Intended Use

Suitable for use in contamination-controlled environments ISO5 (Class 100) and ISO6 (Class 1,000) applications, such as electronic assembly, pharmaceutical processing, semiconductor manufacturing, chemical labs, food-processing areas and the medical industry. **Certain airborne contaminants can diminish integrity of acrylic. Refer to Acrylic Environmental Compatibility tables on pages 794-795 for suitable uses.**

Construction

Completely sealed, one-piece housing is fabricated from 20-gauge cold-rolled steel. Seams sealed with silicone caulk.

Full door frame is one-piece, 18-gauge CRS featuring triple closed-cell, cross-linked neoprene gasketing between the door, lens and housing.

Optional four-piece inset door also available for grid mounted fixtures.

Full 2'x4' door frame secured to housing by 10 stainless

steel captive screws, inset door features four screws.

Optional stainless steel and aluminum housings and door frames available.

Metal parts finished with electrostatically deposited, thermally set polyester powder paint after fabrication.

Installation

Meets requirements for hosedowns up to 200 psi (see options).

Suitable for use in 1", 1-1/2" and 2" wide T-grids, or with

overlapping flange and swing-out hangers for use in dry or plaster ceilings. Consult factory for other grid types.

Listings

UL Listed (standard). CSA Certified or NOM Certified (see Options). UL Listed for 25°C ambient and wet locations for covered-ceiling applications.

SRH



ORDERING INFORMATION

For shortest lead times, configure products using **bolded options**.

Example: 2SRH G 4 32 FSF A12156V MVOLT GEB10IS

Series	Trim	Number of lamps ²	Lamp type	Door	Diffuser ⁵
SRH 1' wide	G Grid, 1" to 1-1/2" wide tees	1	17 17W T8 (24")	FSF Steel full, white	A12125V #12 pattern acrylic, .125" thick, inverted
2SRH 2' wide	F Overlapping flanged	2	28T5 28W T5 (46")	FSSF Stainless full, natural	A12156V #12 pattern acrylic, .156" thick, inverted
For CF lamps in tandem, add prefix T. Example T2SRH	G20 Grid, 2" wide tee ¹	3	U31 31W T8-U (24", 1-5/8" leg)	FSSFW Stainless full, white	PCL12125V #12 pattern polycarbonate, .125" thick, inverted
		4	U316 31W T8-U (24", 6" leg)	FWF Aluminum full, white	SYA PSI symmetric/asymmetric acrylic
		6	32 32W T8 (48")	FW Aluminum inset, white ⁴	SYAR PSI symmetric asymmetric acrylic with radio filter grid
		Not included.	CF40 40W T5 (24")	FN Aluminum inset, natural ⁴	
			54T5HO 54W T5HO (46") ³	FSS Stainless inset, natural ⁴	
				FSSW Stainless inset, white ⁴	

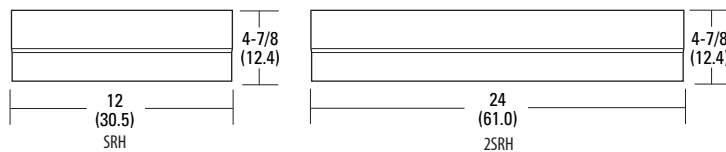
Voltage	Ballast configuration	Ballast	Options ⁶
MVOLT	(blank) Standard configuration	GEB10IS T8 and CF electronic ballast, ≤10% THD, instant start	AL Painted aluminum housing, white
120	1/3 One 3-lamp ballast	GEB10RS T8 and CF electronic ballast, ≤10% THD, programmed rapid start	FPA Suitable for food-processing areas; meets USDA, FDA requirements ⁷
277	1/4 One 4-lamp ballast	GEB10PS T5 electronic ballast, ≤10% THD, programmed rapid start	HPD Suitable for high pressure hose-down up to 200 psi ⁷
347	1/41/2 One 4-lamp ballast and 2-lamp ballast	GEB10PS90 T5HO 90° electronic ballast, ≤10% THD, programmed rapid start	STSW Stainless steel housing, white
	2/3 Two 3-lamp ballasts		CSA Meets Canadian standards
			NOM Meets Mexican standards

ADDITIONAL INFORMATION

For additional product information, visit www.lithonia.com.

CONFIGURATIONS				
NOMINAL SIZE	SERIES	NUMBER OF LAMPS	LAMP TYPE	DEPTH ⁸
1' x 2'	SRH	1, 2, 3	17	4-7/8 (12.4)
1' x 2'	SRH	2	U31	4-7/8 (12.4)
1' x 2'	SRH	2	CF40	4-7/8 (12.4)
1' x 4'	SRH	1, 2, 3	32	4-7/8 (12.4)
1' x 4'	SRT	1, 2, 3	28T5, 54T5HO	4-7/8 (12.4)
2' x 2'	2SRH	2, 3, 4, 6	17	4-7/8 (12.4)
2' x 2'	2SRH	2, 3	U31, U316	4-7/8 (12.4)
2' x 2'	2SRH	2, 3	CF40	4-7/8 (12.4)
2' x 4'	2SRH	2, 3, 4, 6	32	4-7/8 (12.4)
2' x 4'	2SRH	2, 3, 4	28T5, 54T5HO	4-7/8 (12.4)
2' x 4'	T2SRH	2, 3, 4	CF40	4-7/8 (12.4)

Drawings are for dimensional detail only and may not represent actual mechanical configuration. Dimensions are shown in inches (centimeters) unless otherwise noted.



Notes

- Not available for 1x2 and 1x4.
- See Configurations table for lamp compatibility.
- Must be specified with GEB10PS90 ballast.
- For use with grid-mounted fixtures only.
- Only pattern #12 shielding will ship inverted standard and is indicated by a V. Example: A12125V.
- For other options, see pages 148-149.
- Must specify lens thickness of at least .156" and HPD.
- Flanged fixture depth is 5" (12.7).