Day-Brite CFI by signify

Linear

SS staggered strip

2', 3', 4', or 8', T5 or T5HO

Project:

Location:

Cat.No:

Type:

Lamps: Qty:

Notes:

Day-Brite / CFI SS staggered strip features a full 3" overlap and eliminates shadows from lamp ends. Its housing is only 1-7/16" deep with safe-handling metal edges and fully enclosed wire way. The SS staggered strip is excellent for applications where continuous, even illumination is required.

Ordering guide

Example: SS4S228UNV-1/2-EB

Family	Nominal length	Ceiling type	Lamp quantity/ cross section	Lamp Type (by others)	Voltage	Options
SS		S			–	
SS Staggered strip	**2** nominal 2' **3** nominal 3' **4** nominal 4' **8** nominal 8' (tandem lamps)	**S** Surface	**1** **2**	**14** 14WT5 **24** 24WT5HO **21** 21WT5 **39** 39WT5HO **28** 28WT5 **54** 54WT5HO	**UNV** Universal Voltage 120-277V **120** 120V **277** 277V **347** 347V	**1/1** One 1-lamp ballast **1/2** One 2-lamp ballast **2/2**[1] Two 2-lamp ballasts **1/4**[1] One 4-lamp ballast **EB** Electronic ballast, <10% THD, std. ballast factor **E7LP**[2] LP550 emerg. ballast T5/T5HO, 430-700 lumens, 120/277V **E6LP**[2] LP600 emerg. ballast U.S. or Canada market, T5/T5HO, 750-1325 lumens, 120/277V **GLR** Fusing, fast blow Power-Connect modular wiring – see sheet 1604-OA

Accessories (order separately)

- **SS5R1W22ASLD**[3] Nominal 2' white asymmetric reflector, 2 lamp
- **SS5R1W32ASLD**[3] Nominal 3' white asymmetric reflector, 2 lamp
- **SS5R1W42ASLD**[3] Nominal 4' white asymmetric reflector, 2 lamp

Footnotes

1 SS8S2 models only
2 4' and 8' models only
3 For symmetrical distribution, order two (2) asymmetric refelectors per strip.

SS Staggered strip

2′, 3′, 4′, or 8′, T5 or T5HO

Features

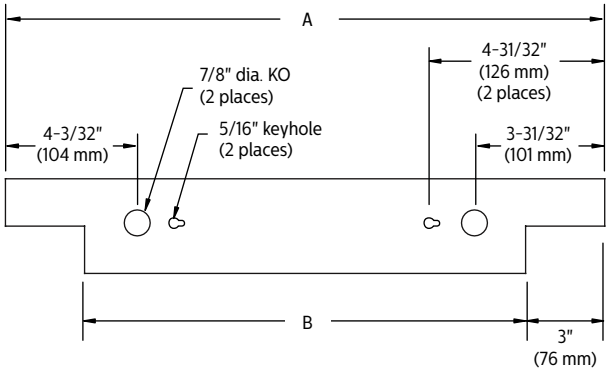
- Only 1-7/16" deep.
- Utilizes compact, high efficiency, T5 or T5HO lamps.
- Fully enclosed wiring.
- Push through lamp holders with rotor for secure lamp retention.
- 3" lamp overlap for uniform lighting

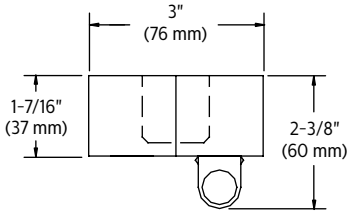
Specifications

- **Materials:** Chassis parts are die-formed heavy gauge cold rolled steel, 1-7/16" deep x 3" channel width.
- **Finish:** Chassis exterior—phosphate undercoating, baked white acrylic matte high reflectance paint finish.
- **Electrical:** Rapid start HPF, thermally protected class "P" ballast. If K.O. is within 3'' of ballast, use wire suitable for at least 90°C.
- **Labels:** cULus listed. Suitable for damp locations.

Dimensions

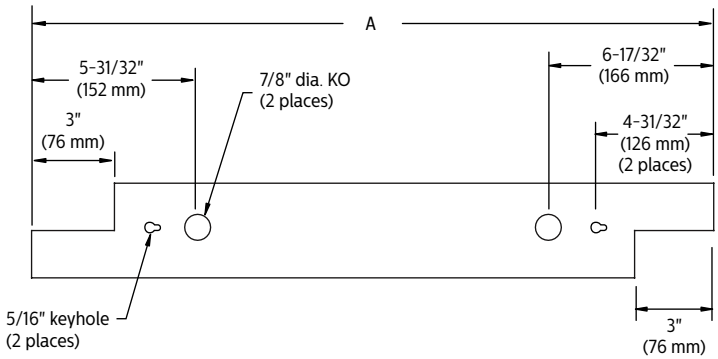
1 Lamp

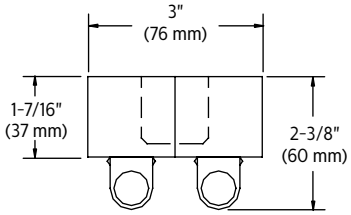




Nominal Length	A	B
2′	22-7/16" (570 mm)	16-7/16" (417 mm)
3′	34-9/32" (871 mm)	28-9/32" (718 mm)
4′	46-1/16" (1170 mm)	40-1/16" (1018 mm)
8′	89-1/8" (2264 mm)	83-1/8" (2112 mm)

2 Lamp





Nominal Length	A
2′	25-7/16" (646 mm)
3′	37-9/32" (947 mm)
4′	49-1/16" (1246 mm)
8′	95-1/8" (2416 mm)

SS Staggered strip

2′, 3′, 4′, or 8′, T5 or T5HO

Photometry

SS staggered strip, 4′, 2 Lamp, T8 **Efficiency – 89.3%** **LER – 71** **TER – 39**

Catalog No.	SS4S228-UNV-1/2-EB
Test No.	CA777
S/MH	1.5
Lamp Type	28WT5
Lumens/Lamp	2610
Ballast Factor	1.00
Input Watts	66.0

Comparative yearly lighting energy cost per 1000 lumens – **$3.38** based on 3000 hrs. and $.08 pwr KWH.

The photometric results were obtained in the Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.

Candlepower

Angle	End	45	Cross
0	952	952	952
5	946	954	945
15	921	941	963
25	856	908	967
35	757	873	962
45	629	821	944
55	485	740	890
65	321	641	834
75	157	543	692
85	26	294	423
95	0	278	424
105	0	195	365
115	0	119	272
125	0	44	167
135	0	1	58
145	0	0	0
155	0	0	0
165	0	0	0
175	0	0	0

Light Distribution

Degrees	Lumens	% Lamp	% Luminaire
0-30	777	14.9	16.7
0-40	1322	25.3	28.3
0-60	2584	49.5	55.4
0-90	4018	77.0	86.2
0-180	4662	89.3	100.0

Average Luminance

Angle	End	45°	Cross
45	9922	11970	13400
55	9400	12845	14891
65	8398	14282	17644
75	6626	17636	20760
85	3078	18651	23006

Coefficients of Utilization

EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)

pcc	80			70			50	
pw	70	50	30	70	50	30	50	30
RCR								
0	103	103	103	100	100	100	92	92
1	92	85	81	88	82	79	77	72
2	81	72	66	78	69	64	65	59
3	73	63	55	69	60	53	56	50
4	67	55	46	64	53	45	48	42
5	60	48	40	58	46	39	44	36
6	56	44	34	54	41	34	39	32
7	52	39	30	50	38	29	34	28
8	47	35	28	46	34	27	32	26
9	45	33	25	42	32	23	29	23
10	41	29	23	40	28	22	27	20

Hg

Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled, “Contain Mercury” and/or the symbol “HG”. Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at www.lamprecycle.org

Signify

Signify North America Corporation
200 Franklin Square Drive,
Somerset, NJ 08873
Telephone 855-486-2216

Signify Canada Ltd.
281 Hillmount Road,
Markham, ON, Canada L6C 2S3
Telephone 800-668-9008