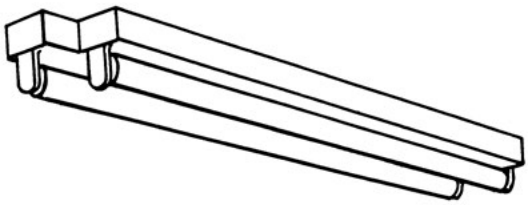
Day-Brite CFI by Signify

Linear

SSR staggered strip

2', 3', 4', or 8', T8



Project:

Location:

Cat.No:

Type:

Lamps: Qty:

Notes:

Day-Brite / CFI SSR staggered strip is designed for T8 lamps. It's industrial styling feature spring loaded turret-type lampholders.

Ordering guide

Example: SSR232UNV-1/2-EB

Family	No. of Lamps per Cross Section (not included)	Lamp Type	Voltage	Options
			–	
SSR Staggered Strip **TSSR** Tandem model (8')	**1** **2**	**17** 17WT8 (24") **25** 25WT8 (36") **32** 32WT8 (48")	**UNV** Universal voltage 120-277V **120** 120V **277** 277V **347** 347V	**1/1** One 1-lamp ballast **1/2** One 2-lamp ballast **1/4** One 4-lamp ballast **EB** Electronic ballast, <10% THD, std. ballast factor **EB10R** T8 electronic ballast, program rapid start, <10% THD **EBHE** T8 electronic ballast, high efficiency, std. ballast factor **EBLHE** T8 electronic ballast, high efficiency, low ballast factor **EBHHE** T8 electronic ballast, high efficiency, high ballast factor **LT20** -20°F start option (use in conjunction with ballast option) **E1** B100 emerg. ballast, 350-450 lumens, 120/277V **E1CAN** B100-CAN emerg. ballast, Canada market, 350-450 lumens, 120/347V **E7** B60 emerg. ballast, 600-700 lumens, 120/277V **E5** B50 emerg. ballast, U.S. or Canada market, 1100-1400 lumens, UNV **E5CAN** B50-CAN emerg. ballast, Canada market, 1100-1400 lumens, 120/347V **E5ST** B50ST emerg. ballast w/self test, U.S. or Canada market, 1100-1400 lumens, UNV **GLR** Fusing, fast blow Power Connect modular wiring available, see sheet 1604-OA for details See Section 1600-OA for Option Information. See page 950-SS for Mounting Hardware.

Accessories (order separately)

- **CS-400** Rigid Canopy
- **CS-500** 42° Top Swivel Canopy
- **CS-12** 12" Stem
- **CS-18** 18" Stem
- **CS-24** 24" Stem
- **CS-30** 30" Stem
- **CS-36** 36" Stem
- **CS-48** 48" Stem
- **SSR2AR-2** 2 lamp steel asymmetric reflector, 2'
- **SSR2AR-3** 2 lamp steel asymmetric reflector, 3'
- **SSR2AR-4** 2 lamp steel asymmetric reflector, 4' (use 2 for 8')
- **SSR2AS-2** 2 lamp specular asymmetric reflector, 2'
- **SSR2AS-3** 2 lamp specular asymmetric reflector, 3'
- **SSR2AS-4** 2 lamp specular asymmetric reflector, 4' (use 2 for 8')
- **SSR2DR-2** 2 lamp steel directional reflector, 2'
- **SSR2DR-3** 2 lamp steel directional reflector, 3'
- **SSR2DR-4** 2 lamp steel directional reflector, 4' (use 2 for 8')
- **SSR2DS-2** 2 lamp specular directional reflector, 2'
- **SSR2DS-3** 2 lamp specular directional reflector, 3'
- **SSR2DS-4** 2 lamp specular directional reflector, 4' (use 2 for 8')

Consult factory for 1-lamp reflector applications

SSR Staggered strip

2′, 3′, 4′, or 8′, T8

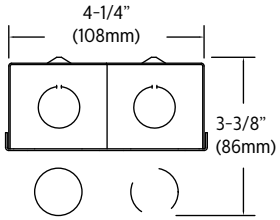
Construction/Finish

- Luminaires suitable for unit, row, surface, or suspension mounting.
- 3" lamp offset eliminates dark spots in row mounted applications.
- Multiple knockouts for convenient installation.
- Heavy duty channel of code gauge die formed steel.
- High reflectance white baked enamel finish.

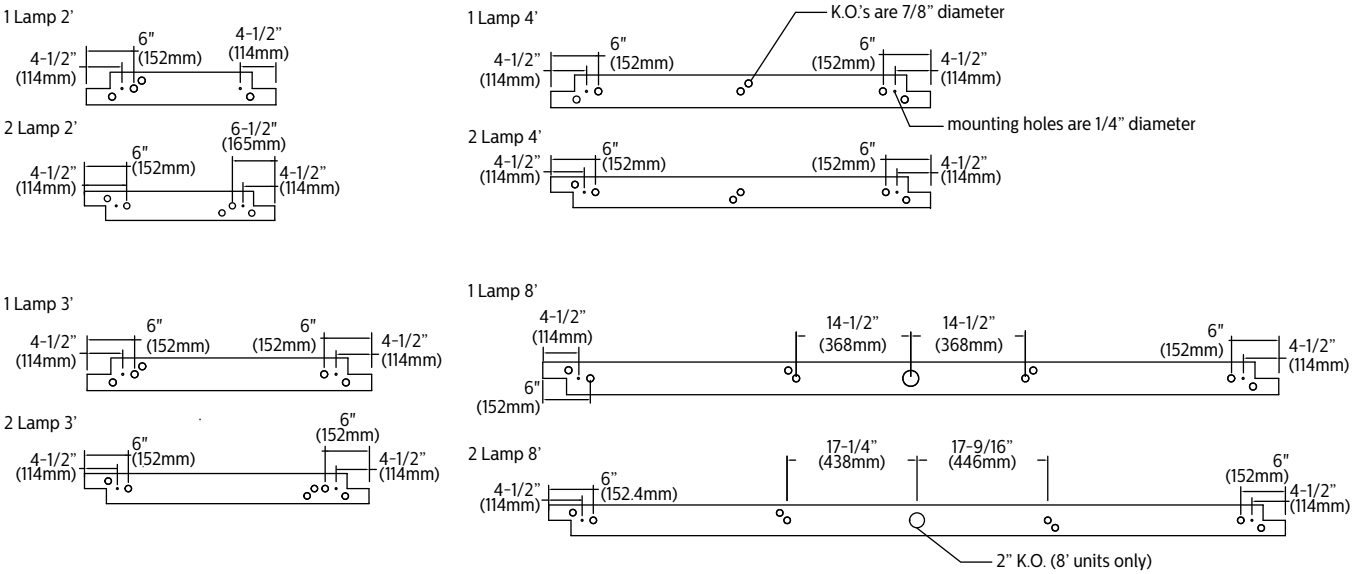
Electrical

- cULus listed for damp locations.
- Self-contained fluorescent emergency power packs can be incorporated.
- Lampholders may be individually replaced or rewired.

Dimensions

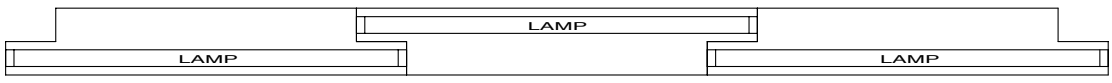


DIM	2-Lamp Cross-Section	(mm)	1-Lamp Cross-Section	(mm)
2′ CHANNEL	27"	(686 mm)	24"	(610 mm)
3′ CHANNEL	39"	(991 mm)	36"	(914 mm)
4′ CHANNEL	51"	(1295 mm)	48"	(1219 mm)
8′ CHANNEL/TANDEM	99"	(2515 mm)	93"	(2362 mm)

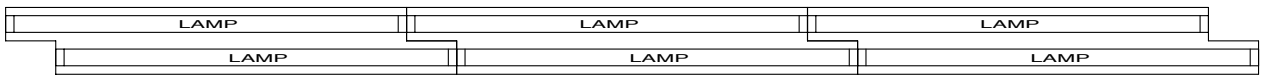


ROW CONFIGURATIONS

1 LAMP



2 LAMP



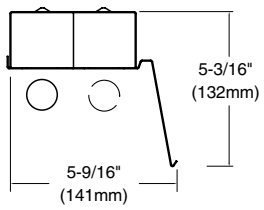
SSR Staggered strip

2′, 3′, 4′, or 8′, T8

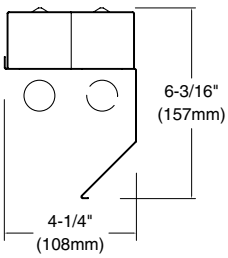
Dimensions – reflectors

1 Lamp

Asymmetrical



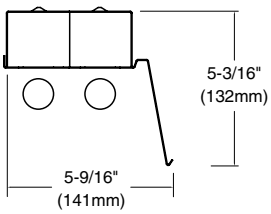
Directional



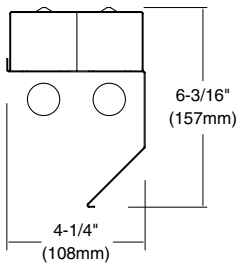
Lamp moves from side to side in continuous rows.

2 Lamp

Asymmetrical



Directional



Catalog Numbers (Reflectors only)	
1 Lamp	
Asymmetrical	**Directional**
Steel	Steel
Application dependent, consult factory	
Silverado*	Silverado*
Application dependent, consult factory	
2 Lamp	
Asymmetrical	**Directional**
Steel	Steel
2′ SSR2AR-2	2′ SSR2DR-2
3′ SSR2AR-3	3′ SSR2DR-3
4′ SSR2AR-4	4′ SSR2DR-4
Silverado*	Silverado*
2′ SSR2AS-2	2′ SSR2DS-2
3′ SSR2AS-3	3′ SSR2DS-3
4′ SSR2AS-4	4′ SSR2DS-4

*Silverado reflectors are made from a high reflectance (95%) specular material. The specular finish provides more precise light control. Order strips separately.

Order two 4′ reflectors for 8′ strips.

Photometry

SSR Staggered Strip

Efficiency – 94.8%

LER – 80

Catalog No.	SSR232-1/2-EB
Test No.	28644
S/MH	1.5
Source	F32T8
Lumens	4400
Input Watts	121

Comparative yearly lighting energy cost per 1000 lumens – **$3.00** 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.

Photometric values based on test performed in compliance with LM-79.

Candlepower

Angle	End	45	Cross
0	1075	1075	1075
5	1078	1077	1070
15	1045	1066	1077
25	975	1038	1084
35	872	994	1079
45	736	937	1055
55	574	855	990
65	396	737	904
75	217	603	737
85	63	375	481
95	3	297	448
105	2	238	387
115	2	154	287
125	2	77	185
135	4	14	88
145	5	4	12
155	6	5	4
165	7	5	5
175	8	7	8

Light Distribution

Degrees	Lumens	% Lamp	% Luminaire
0-30	881	15.5	16.3
0-40	1501	26.3	27.8
0-60	2950	51.8	54.6
0-90	4619	81.0	85.5
90-180	784	13.8	14.5
0-180	5403	94.8	100.0

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								
1	96	91	85	93	88	82	81	77
2	86	77	69	82	73	67	68	63
3	78	67	57	73	64	56	58	53
4	70	57	48	68	56	47	52	45
5	65	52	41	61	50	40	46	39
6	59	46	36	56	44	35	40	34
7	55	41	33	53	40	32	36	29
8	51	38	28	48	35	28	34	27
9	47	34	26	46	33	26	30	23
10	45	32	23	42	30	23	28	22

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

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