

# Day-Brite



by Signify

Linear

T standard strip

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



The Day-Brite / CFI T standard strip is a basic strip luminaire available in multiple lamp and reflector types.

Project: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Cat.No: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Lamps: \_\_\_\_\_ Qty: \_\_\_\_\_  
 Notes: \_\_\_\_\_

## Ordering guide

Example: T232-UNV-1/2-EB

Family	No. of Lamps per Cross Section	Lamp Type	Voltage	Options
<b>T</b>		–	–	
T Standard Strip	(not included) <b>1</b>	<b>17</b> 17WT8 (24") <b>25</b> 25WT8 (36")	<b>UNV</b> Universal voltage 120/277V	<b>1/1</b> One 1-lamp ballast <b>1/2</b> One 2-lamp ballast <b>1/4</b> One 4-lamp ballast
TT Tandem "T" Series (32W only)	<b>2</b>	<b>32</b> 32WT8 (48")	<b>120</b> 120V <b>277</b> 277V <b>347</b> 347V <b>XXX</b> Less ballast (for use with direct wired TLED lamps- Options section does not apply)	<b>1/4</b> One 4-lamp ballast <b>2/2</b> Two 2-lamp ballasts <b>EB</b> Electronic ballast, <10% THD <b>EB10R</b> Electronic ballast, program rapid start, <10% THD <b>EBHE</b> Electronic ballast, high efficiency, std. ballast factor <b>EBLHE</b> Electronic ballast, high efficiency, low ballast factor <b>EBHHE</b> Electronic ballast, high efficiency, high ballast factor <b>LT20</b> -20°F start option (use in conjunction with ballast option) <b>E1</b> B100 emerg. ballast, 350-450 lumens, 120/277V <b>E1CAN</b> B100-CAN emerg. ballast, Canada market, 350-450 lumens, 120/347V <b>E7</b> B60 emerg. ballast, 600-700 lumens, 120/277V <b>E5</b> B50 emerg. ballast, U.S. or Canada market, 1100-1400 lumens, UNV <b>E5CAN</b> B50-CAN emerg. ballast, Canada market, 1100-1400 lumens, 120/347V <b>E5ST</b> B50ST emerg. ballast w/self test, U.S. or Canada market, 1100-1400 lumens, UNV <b>GLR</b> Fusing, fast blow

## Accessories (order separately)

- CG-2 2' wire guard for strip w/out reflector
- CG-3 3' wire guard for strip w/out reflector
- CG-4 4' wire guard for strip w/out reflector (use 2 for 8')
- C-173 4' wire guard for strip w/symmetrical reflector (use 2 for 8')
- 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
- CTBH-1 T-bar sliding hanger, flush mounting
- CTBH-2 T-bar sliding hanger, 1-1/2" spacing
- FKR-126 Chain hanger set
- TH-1 Sliding hanger, flush mounting
- TH-2 Sliding hanger, 1-1/2" spacing
- TC-1 Heavy duty coupler
- TSR-2 2' white steel symmetric reflector
- TSR-3 3' white steel symmetric reflector
- TSR-4 4' white steel symmetric reflector (use 2 for 8')
- TSS-2 2' specular symmetric reflector
- TSS-3 3' specular symmetric reflector

- TSS-4 4' specular symmetric reflector (use 2 for 8')
- TAR-2 2' white steel asymmetric reflector
- TAR-3 3' white steel asymmetric reflector
- TAR-4 4' white steel asymmetric reflector (use 2 for 8')
- TAS-2 2' specular asymmetric reflector
- TAS-3 3' specular asymmetric reflector
- TAS-4 4' specular asymmetric reflector (use 2 for 8')
- TDR-2 2' white steel directional reflector
- TDR-3 3' white steel directional reflector
- TDR-4 4' white steel directional reflector (use 2 for 8')
- TDS-2 2' specular directional reflector
- TDS-3 3' specular directional reflector
- TDS-4 4' specular directional reflector (use 2 for 8')

Power Connect modular wiring available, see sheet 1604-OA for details



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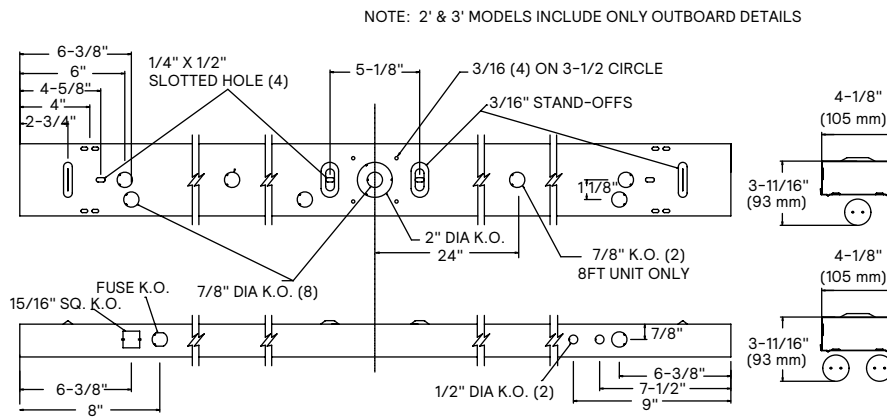
## Construction/Finish

- Luminaires suitable for unit, row, surface, or suspension mounting.
- Multiple knockouts for convenient installation.
- Heavy duty channel of code gauge die formed steel.
- High reflectance white baked enamel finish.
- Quarter turn latch secures channel cover for easy wireway access.

## Electrical

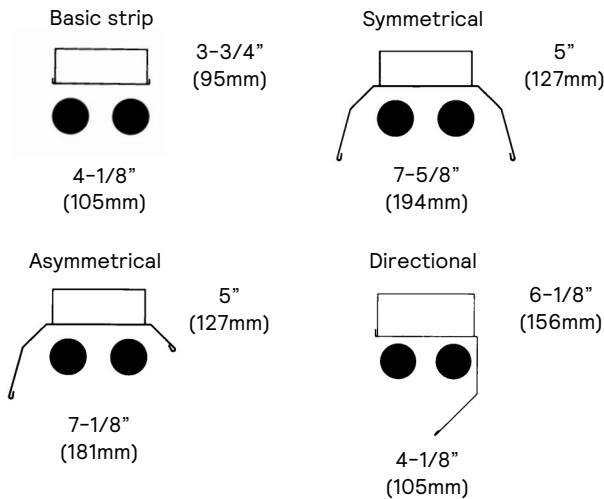
- cULus listed for direct mounting on low density ceilings and damp locations.
- Self-contained fluorescent emergency power packs can be incorporated.
- Green grounding screw installed in channel.
- Lampholders may be individually replaced or rewired.

## Dimensions



DIM "A"	Inches	(mm)
2' CHANNEL	24"	(610 mm)
3' CHANNEL	36"	(914 mm)
4' CHANNEL	48"	(1219 mm)
8' CHANNEL	96"	(2438 mm)

- NOTES:  
1.) 2" K.O. In center of channel is not present in 2' or 3' channel.



Catalog Numbers (Reflectors only)		
Symmetrical	Asymmetrical	Directional
Steel	Steel	Steel
2' TSR-2	2' TAR-2	2' TDR-2
3' TSR-3	3' TAR-3	3' TDR-3
4' TSR-4	4' TAR-4	4' TDR-4
Silverado*	Silverado*	Silverado*
2' TSS-2	2' TAS-2	2' TDS-2
3' TSS-3	3' TAS-3	3' TDS-3
4' TSS-4	4' TAS-4	4' TDS-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.

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## Photometry

T Strip, 4' 2 Lamp 32W T8

Efficiency – 93.3%

LER – FS-78

TER – 41

		Candlepower				Light Distribution				Average Luminance			
		Angle	End	45	Cross	Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45'	Cross
<b>Catalog No.</b>	T232-1/2-EB	<b>0</b>	1019	1019	1019	<b>0-30</b>	839	14.5	15.5	<b>45</b>	6257	6389	6686
<b>Test No.</b>	14719	<b>5</b>	1015	1018	1019	<b>0-40</b>	1429	24.6	26.4	<b>55</b>	5693	6243	6738
<b>S/MH</b>	1.6	<b>15</b>	976	1009	1034	<b>0-60</b>	2793	48.1	51.6	<b>65</b>	4843	6152	7171
<b>Lamp Type</b>	F32T8	<b>25</b>	901	990	1059	<b>0-90</b>	4316	74.4	79.8	<b>75</b>	3551	6404	6627
<b>Lumens/Lamp</b>	2900	<b>35</b>	793	958	1059	<b>90-180</b>	1094	18.9	20.2	<b>85</b>	1448	4423	5003
<b>Ballast Factor</b>	.88	<b>45</b>	656	898	1019	<b>0-180</b>	5410	93.3	100.0				
<b>Input Watts</b>	61	<b>55</b>	494	800	956								
		<b>65</b>	320	688	911								
		<b>75</b>	154	590	718								
		<b>85</b>	28	308	432								
		<b>95</b>	2	325	452								
		<b>105</b>	3	305	512								
		<b>115</b>	2	230	379								
		<b>125</b>	2	160	334								
		<b>135</b>	6	104	236								
		<b>145</b>	6	46	133								
		<b>155</b>	7	5	42								
		<b>165</b>	8	6	6								
		<b>175</b>	9	5	6								

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	107	107	107	102	102	102	93	93	
1	94	89	83	90	84	81	78	73	
2	84	76	68	80	72	66	66	60	
3	77	66	56	71	63	55	56	51	
4	69	56	48	66	55	46	50	42	
5	64	51	41	59	48	40	44	36	
6	57	45	36	55	42	34	40	33	
7	54	40	32	51	39	30	35	28	
8	50	36	28	46	35	28	33	26	
9	46	34	26	44	32	25	29	23	
10	44	30	23	40	29	23	28	20	

Comparative yearly lighting energy cost per 1000 lumens – **\$3.08** 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.



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](http://www.lamprecycle.org)

