

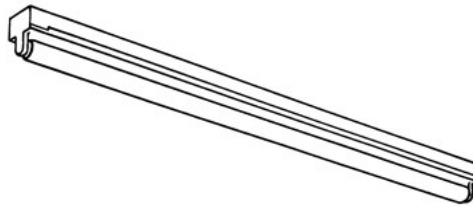
Day-Brite CFI

by @ignify

Linear

N small cross
section strip

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



Project: _____
Location: _____
Cat.No: _____
Type: _____
Lamps: _____ Qty: _____
Notes: _____

The Day-Brite / CFI N small cross section strip is both an inexpensive and highly efficient T8 luminaire with multiple reflector choices available.

Ordering guide

Example: N132-UNV-1/1-EB

Family	No. of Lamps per Cross Section	Lamp Type	Voltage	Options
	1	—	—	
N Small Cross Section	(not included)	17 17WT8 (24")	UNV Universal voltage	1/1 One 1-lamp ballast
TN Tandem Unit	1	25 25WT8 (36")	120 120V	1/2 One 2-lamp ballast
		32 32WT8 (48")	277 277V	EB Electronic ballast, <10% THD
			347 347V	EB10R Electronic ballast, program rapid start, <10% THD
				EBHE Electronic ballast, high efficiency, std. ballast factor
				EBLHE Electronic ballast, high efficiency, low ballast factor
				EBHHE 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, T8, 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
				ESCAN B50-CAN emerg. ballast, Canada market, 1100-1400 lumens, 120/347V
				ESST B50ST emerg. ballast w/self test, U.S. or Canada market, 1100-1400 lumens, UNV
				GLR Fusing, fast blow

See section 1600-OA for option info. and 950-SS for mounting hardware.
Power Connect modular wiring available, see sheet 1604-OA for details

Accessories (order separately)

- **CGS-2** 2' wire guard for strip without reflector
- **CGS-3** 3' wire guard for strip without reflector
- **CGS-4** 4' wire guard for strip without 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
- **NSR-2** 2' white steel symmetric reflector
- **NSR-3** 3' white steel symmetric reflector
- **NSR-4** 4' white steel symmetric reflector (use 2 for 8')
- **NSS-2** 2' specular symmetric reflector
- **NSS-3** 3' specular symmetric reflector
- **NSS-4** 4' specular symmetric reflector (use 2 for 8')
- **NAR-2** 2' white steel asymmetric reflector
- **NAR-3** 3' white steel asymmetric reflector
- **NAR-4** 4' white steel asymmetric reflector (use 2 for 8')
- **NAS-2** 2' specular asymmetric reflector
- **NAS-3** 3' specular asymmetric reflector
- **NAS-4** 4' specular asymmetric reflector (use 2 for 8')
- **NDR-2** 2' white steel directional reflector
- **NDR-3** 3' white steel directional reflector
- **NDR-4** 4' white steel directional reflector (use 2 for 8')
- **NDS-2** 2' specular directional reflector
- **NDS-3** 3' specular directional reflector
- **NDS-4** 4' specular directional reflector (use 2 for 8')

N Small cross section strip

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

Construction/Finish

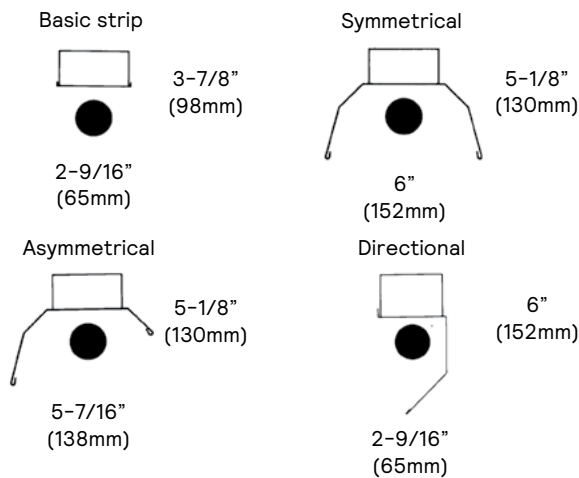
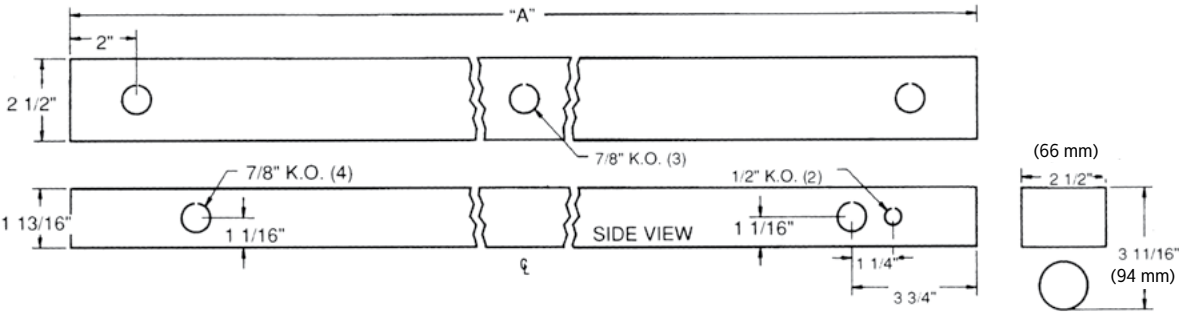
- Multiple knockouts for convenient installation.
- High reflectance white baked enamel finish.
- Quarter turn latch secures channel cover for easy wireway access.
- Heavy duty channel of code gauge die formed steel.
- Suitable for unit, row, surface, or suspension mounting.

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



Catalog Numbers (Reflectors only)		
Symmetrical	Asymmetrical	Directional
Steel	Steel	Steel
2' NSR-2	2' NAR-2	2' NDR-2
3' NSR-3	3' NAR-3	3' NDR-3
4' NSR-4	4' NAR-4	4' NDR-4
Silverado*	Silverado*	Silverado*
2' NSS-2	2' NAS-2	2' NDS-2
3' NSS-3	3' NAS-3	3' NDS-3
4' NSS-4	4' NAS-4	4' NDS-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.

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

N small cross section strip, 4' 1 Lamp 32W T8

LER – FS-73

Catalog No.	N132-1/1-EB
Test No.	14444
S/MH	1.6
Lamp Type	F32T8
Lumens/Lamp	2900
Ballast Factor	.96
Input Watts	36
Comparative yearly lighting energy cost per 1000 lumens – \$3.29 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	464	464	464	
5	462	465	463	
15	443	460	468	
25	408	448	474	
35	357	429	477	
45	292	404	480	
55	216	377	472	
65	136	339	444	
75	60	283	398	
85	5	230	353	
95	0	223	346	
105	0	227	348	
115	0	135	306	
125	0	57	192	
135	0	0	81	
145	0	0	0	
155	0	0	0	
165	0	0	0	
175	0	0	0	

Light Distribution				Average Luminance			
Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45°	Cross
0-30	378	13.0	13.8	45	13229	6856	6524
0-40	641	22.1	23.5	55	11823	6184	6056
0-60	1265	43.6	46.3	65	9776	5544	5555
0-90	2078	71.6	76.1	75	6572	4758	5007
90-180	654	22.5	23.9	85	1228	4108	4607
0-180	2731	94.2	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								
0	107	107	107	102	102	102	92	92
1	93	88	82	89	83	79	75	71
2	83	75	67	79	70	64	64	57
3	76	65	56	70	60	53	55	48
4	68	56	46	65	54	45	47	40
5	63	50	40	58	46	39	42	35
6	57	45	35	54	41	34	38	30
7	53	40	30	50	38	29	34	28
8	50	35	28	46	34	27	32	25
9	46	33	25	44	32	23	28	22
10	42	29	23	40	28	22	27	20

