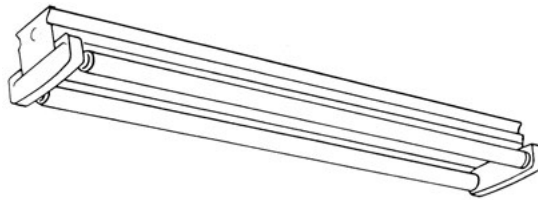


Linear

TS turret strip

4' or 8', T8 or T12 Slimline
and high output



Project: _____

Location: _____

Cat.No: _____

Type: _____

Lamps: _____ Qty: _____

Notes: _____

Day-Brite / CFI TS turret strip is a premium painted after fabrication strip with spring loaded turret type lamp holders.

Ordering guide

Example: TS259-UNV-1/2-EB

Family	No. of Lamps per Cross Section	Lamp Type/Wattage	Voltage	Options
TS		—	—	
TS Turret Strip	(not included) 2 3 4 (48, 59, 96 lamp types only)	59 59WT8 Slimline (96") 48 38WT12 Slimline (48") 96 75WT12 Slimline (96") 44HO 44WT8 380 mA (48") 48HO 60WT12 800 mA (48") 86HO 86WT8 380 mA (96") 96HO 110WT12 380 mA (96")	UNV Universal voltage 120-277V 120 120V 277 277V 347 347V	1/2 One 2-lamp ballast 1/21 2-lamp & 1-lamp ballasts 2/2 Two 2-lamp ballasts EB Electronic ballast, <20% THD 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, 1100-1400 lumens, UNV GLR Fusing, fast blow Power Connect modular wiring available, see sheet 1604-OA for details

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
- FL-111 Sliding hanger, conduit/stem/screw
- FL-117 Hook, chain (requires FL-111)
- FL-119 Hook, messenger cable (requires FL-111)
- FL-123 5' chain (w/S-hooks) set
- FL-3 Channel coupling
- N-3381 Universal joint aligner, octagonal box, 3/4" I.P.S.

TS Turret strip

4' or 8', T8 or T12 Slimline and high output

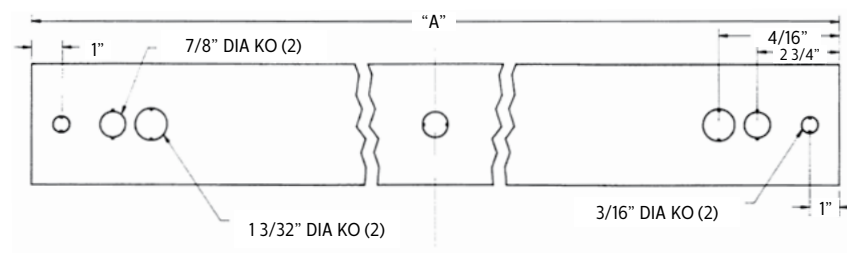
Construction/Finish

- Fixtures 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.
- Channel covers secured by twist-lock thumb screws allowing easy wireway access.

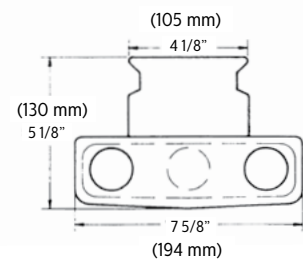
Electrical

- cULus listed for damp locations.
- Telescopic, pressure-lock lampholders are enclosed in die formed turret housing and may be individually replaced or rewired.
- **IMPORTANT! High Output models must be suspended a minimum of 1-1/2" from surface.**
- Philips Day-Brite's standard luminaires for high output T8 (380mA) and T12 (800mA) include ballasts rated for -20° F starting temperature.

Dimensions



DIM "A"	Inches	(mm)
4' CHANNEL	48-5/32"	(1223 mm)
8' CHANNEL	96-5/16"	(2446 mm)



TS Turret strip

4' or 8', T8 or T12 Slimline and high output

Photometry

TS 8' 2 Lamp F96HO

Efficiency – 90.2%

LER – FS-68

Catalog No.	TS296	Candlepower <table><tr><th>Angle</th><th>End</th><th>45</th><th>Cross</th></tr><tr><td>0</td><td>1886</td><td>1886</td><td>1886</td></tr><tr><td>5</td><td>1908</td><td>1905</td><td>1878</td></tr><tr><td>15</td><td>1970</td><td>1923</td><td>1815</td></tr><tr><td>25</td><td>1996</td><td>1894</td><td>1690</td></tr><tr><td>35</td><td>1950</td><td>1811</td><td>1507</td></tr><tr><td>45</td><td>1899</td><td>1665</td><td>1290</td></tr><tr><td>55</td><td>1946</td><td>1510</td><td>978</td></tr><tr><td>65</td><td>1744</td><td>1364</td><td>659</td></tr><tr><td>75</td><td>1611</td><td>1162</td><td>344</td></tr><tr><td>85</td><td>1090</td><td>806</td><td>112</td></tr><tr><td>95</td><td>923</td><td>606</td><td>0</td></tr><tr><td>105</td><td>929</td><td>517</td><td>0</td></tr><tr><td>115</td><td>761</td><td>536</td><td>0</td></tr><tr><td>125</td><td>754</td><td>581</td><td>0</td></tr><tr><td>135</td><td>748</td><td>618</td><td>0</td></tr><tr><td>145</td><td>732</td><td>622</td><td>0</td></tr><tr><td>155</td><td>657</td><td>423</td><td>0</td></tr><tr><td>165</td><td>347</td><td>207</td><td>0</td></tr><tr><td>175</td><td>53</td><td>29</td><td>0</td></tr></table>				Angle	End	45	Cross	0	1886	1886	1886	5	1908	1905	1878	15	1970	1923	1815	25	1996	1894	1690	35	1950	1811	1507	45	1899	1665	1290	55	1946	1510	978	65	1744	1364	659	75	1611	1162	344	85	1090	806	112	95	923	606	0	105	929	517	0	115	761	536	0	125	754	581	0	135	748	618	0	145	732	622	0	155	657	423	0	165	347	207	0	175	53	29	0
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Test No.	14173																																																																																				
S/MH	1.3																																																																																				
Lamp Type	F96																																																																																				
Lumens/Lamp	6300																																																																																				
Ballast Factor	0.95																																																																																				
Input Watts	158																																																																																				
Comparative yearly lighting energy cost per 1000 lumens – \$3.53 based on 3000 hrs. and \$.08 pwr KWH.																																																																																					
The photometric results were obtained in the Philips Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.																																																																																					

Light Distribution			
Degrees	Lumens	% Lamp	% Luminaire
0-30	1586.	12.6	14.0
0-40	2697.	21.4	23.7
0-60	5281.	41.9	46.5
0-90	8452.	67.1	74.4
90-180	2910.	23.1	25.6
0-180	11362.	90.2	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											
1	90	85	81	85	81	77	73	70			
2	81	73	66	76	69	63	62	57			
3	73	63	55	69	60	53	54	48			
4	67	55	47	63	53	45	47	41			
5	60	48	40	57	46	38	51	35			
6	55	43	35	52	41	33	37	30			
7	51	38	30	48	36	29	33	27			
8	47	34	26	44	33	25	29	23			
9	43	31	23	41	29	22	26	20			
10	40	28	21	38	27	20	24	18			

TS 8' 2 Lamp F96HO

Efficiency – 90.2%

LER – FS-59

Catalog No. TS296HO Test No. 14171 S/MH 1.3 Lamp Type F96HO Lumens/Lamp 8900 Ballast Factor 0.95 Input Watts 257 Comparative yearly lighting energy cost per 1000 lumens – \$4.07 based on 3000 hrs. and \$.08 pwr KWH. The photometric results were obtained in the Philips Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.	Candlepower				Light Distribution			
	Angle	End	45	Cross	Degrees	Lumens	% Lamp	% Luminaire
	0	2758	2758		0-30	2319.	12.6	14.0
	5	2790	2786	2746	0-40	3944.	21.4	23.8
	15	2880	2812	2654	0-60	7705.	41.9	46.4
	25	2917	2769	2471	0-90	12343.	67.1	74.4
	35	2851	2647	2204	90-180	4258.	23.1	25.6
	45	2777	2434	1886	0-180	16600.	90.2	100.0
	55	2699	2209	1431	Coefficients of Utilization			
	65	2549	1995	964				
	75	2356	1698	503				
	85	1595	1178	164				
	95	1351	888	0				
	105	1358	756	0				
	115	1112	784	0				
	125	1104	850	0				
	135	1094	903	0				
145	1072	910	0					
155	961	619	0					
165	508	303	0					
175	78	42	0					

EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)												
pcc	80				70				50			
pw	70	50	30		70	50	30		50	30		
RCR												
1	90	85	81		85	81	77		73	70		
2	81	73	66		76	69	63		62	57		
3	73	63	55		69	60	53		54	48		
4	67	55	47		63	53	45		47	41		
5	60	48	40		57	46	38		41	35		
6	55	43	35		52	41	33		37	30		
7	51	38	30		48	36	29		33	27		
8	47	34	26		44	33	25		29	23		
9	43	31	23		41	29	22		26	20		
10	40	28	21		38	27	20		24	18		



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

