

Maximum versatility, highly efficient and simple to use.

SM SERIES T5 STRIP



SIDEMOUNT STRIP T5 2" WIDTH, 1 5/8" DEPTH
22", 34", 46", 92" LENGTHS
1 OR 2 LAMPS T5 LAMP

Four sizes: 18", 24", 36", 48" and 92". Fully enclosed wiring. Only 1 5/8" deep.

Project: _____
Location: _____
Catalog No: _____
Fixture Type: _____
Mfg: _____ Lamps: _____ Qty: _____
Notes: _____

Ordering Guide

Explanation of Catalog Number Example: **SM4S228-120PI**

Sidemount Strip	Nominal Fixture Length	Ceiling Type	Lamp Quantity	Lamp Type	Voltage	Ballast Type	Options
SM		S					
Sidemount Strip T5 2" wide x 1 5/8" deep channel	2 = nominal 22" 3 = nominal 34" 4 = nominal 46"	S = Surface	1 or 2	(Nominal 22") 14 = 14W T5 24 = 24W T5 HO (Nominal 34") 21 = 21W T5 39 = 39W T5 HO (Nominal 46") 28 = 28W T5 54 = 54W T5 HO	UNV = 120/277V 120 = 120V 277 = 277V 347 = 347V	PG = Electronic T5 Program Start PI = Electronic T5 Instant Start PF = T5 Power Spec Dimming* *Not available in 347V	Add appropriate suffix to catalog No.

Features

- Only 1 $\frac{1}{8}$ " deep.
- Utilizes compact, high efficiency, T5 or T5HO lamps.
- Fully enclosed wiring.
- Convenience outlet and switch K.O.s provided.
(1 lamp only)
- Push through lamp holders with rotor for secure lamp retention.

Specifications

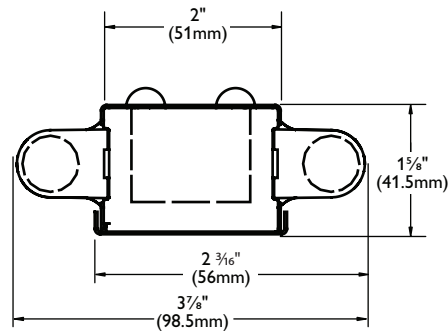
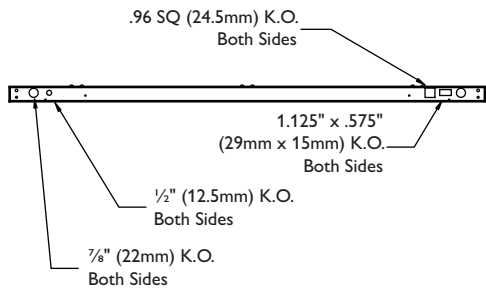
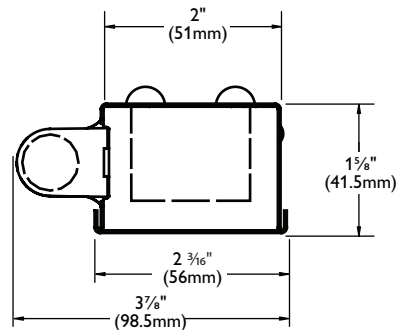
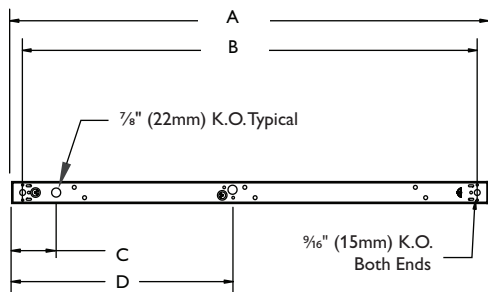
Materials: Chassis parts are die-formed heavy gauge cold rolled steel, 1 $\frac{1}{8}$ " deep x 2" channel width.

Finish: Chassis exterior—phosphate undercoating, baked white acrylic matte high reflectance paint finish.

Electrical: Rapid start HPF, thermally protected class "P" ballast (Bi-tube type). If K.O. is within 3" of ballast, use wire suitable for at least 90°C.

Labels: Listed by CSA.

Dimensions



Nominal Length	A	B	C	D
92"	92 $\frac{1}{4}$ " (2343mm)	90 $\frac{3}{16}$ " (2291mm)	4 $\frac{1}{4}$ " (108mm)	44 $\frac{7}{16}$ " (1129mm)
46"	46 $\frac{1}{4}$ " (1172mm)	44 $\frac{1}{16}$ " (1119mm)	4 $\frac{1}{4}$ " (108mm)	21 $\frac{1}{4}$ " (1599mm)
34"	34 $\frac{1}{4}$ " (870mm)	32 $\frac{3}{16}$ " (818mm)	4 $\frac{1}{4}$ " (108mm)	N/A
22"	22 $\frac{7}{16}$ " (570mm)	20 $\frac{3}{8}$ " (518mm)	4 $\frac{1}{4}$ " (108mm)	N/A

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Performance

Report Number: LSC9378

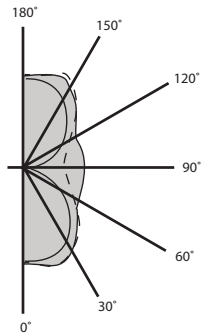
Catalog No: CSM228HPF120PG

Lamp Type: 2 2F28T5/841 28W

Lumens per Lamp: 2610

Lumen Input Watts: 66.5

Total Efficiency: 94.5%



Candela Distribution

Angle	Along	22.5	45.0	67.5	Across	Output Lumens
0	641	641	641	641	641	
5	655	650	649	645	631	63
15	634	632	657	673	683	185
25	581	604	660	669	667	294
35	510	562	610	601	590	362
45	420	490	510	508	502	380
55	313	387	403	415	423	353
65	207	270	320	374	399	315
75	107	172	284	367	398	285
85	35	132	262	356	395	262
90	21	121	254	343	370	
95	31	132	267	365	399	267
105	101	176	283	364	396	285
115	196	266	312	377	402	313
125	299	381	394	407	413	345
135	396	481	493	488	489	367
145	477	528	585	584	572	347
155	540	570	631	650	641	280
165	585	600	612	639	636	174
175	608	603	610	608	594	59
180	605	605	605	605	605	

Luminance Data in Candela / Sq. Meter

Angle	Along	45	Across
45	18412	11809	9705
55	16939	9551	8125
65	15221	8012	7851
75	12846	7801	8292
85	12396	8260	9051

Coefficients of Utilization

RC	80%				50%				30%			
RW	70	50	30	10	50	30	10	50	30	10		
RCR	Zonal Cavity Method Effective Floor Cavity Reflectance = .20											
Room Cavity Ratio	1	.91	.86	.82	.78	.67	.64	.62	.55	.53	.51	
	2	.82	.74	.68	.62	.58	.53	.50	.48	.46	.42	
	3	.75	.65	.58	.52	.51	.46	.42	.42	.38	.35	
	4	.68	.57	.50	.43	.45	.39	.35	.37	.33	.30	
	5	.62	.50	.43	.37	.40	.34	.30	.33	.29	.25	
	6	.57	.45	.37	.31	.35	.30	.26	.30	.25	.22	
	7	.53	.40	.33	.27	.32	.26	.22	.27	.22	.19	
	8	.49	.36	.29	.23	.29	.23	.19	.24	.20	.16	
	9	.45	.33	.25	.20	.26	.20	.17	.22	.17	.14	
	10	.42	.30	.23	.18	.24	.18	.15	.20	.15	.12	

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	542	10.39	10.99
0-40	904	17.32	10.33
0-60	1636	31.35	33.17
0-90	2497	47.85	50.62
40-90	1593	30.53	32.30
60-90	861	16.50	17.46
90-180	2436	46.68	49.38
0-180	4934	94.53	100.00

Options/Accessories

Radio Interference Filter:

120, 277, or 347 volt, **50 or 60 Hz.**

Suffix: **R**

Rocker Switch:

1 lamp only. Suffix: **H**

Convenience Outlet:

1 lamp only. Suffix: **CO**



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Specifications are subject to change without notice.
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