

Maximum versatility,
highly
efficient
and simple to use.

CSM SERIES SIDEMOUNT STRIP



2³/₄" CHANNEL WIDTH, 24", 36", 48" LENGTHS
1 OR 2 LAMP, T8 OR T12 LAMP

Four sizes: 18", 24", 36", 48" and 92". Fully enclosed wiring. Only 1⁷/₈" deep.

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

Ordering Guide

Explanation of Catalog Number Example: CSM4232HPF120SO

Sidemount Strip	Luminaire Length	Number of Lamps in Width	Lamp/Fixture Length/Watt	Ballast Type	Voltage	Ballast Type	Options
CSM				HPF			
2 ³ / ₄ " Wide Channel	2 = 2' 3 = 3' 4 = 4'	1 = 1 Lamp 2 = 2 Lamps	Nominal 24" 17 = 17W T8 20 = 20W T12 Nominal 36" 25 = 25W T8 30 = 30W T12 Nominal 48" 32 = 32W T8 34 = 34W T12	HPF = High Power Factor	UNV = 120/277V 120 = 120V 277 = 277V 347 = 347V	LE = T12 Energy Saving Magnetic SO = 1 or 2 Lamp T8 Electronic	Add appropriate suffix to catalog No.

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Features

- Three lengths.
- Fully enclosed wiring.
- Snap-on ballast cover, no fasteners.
- 48" length units UL Listed for low density mounting.
- Safe-handling metal edges.
- Only 1 1/8" deep.
- For applications where a low profile is required such as shallow plenums, coves or show cases.

Specifications

Materials: Chassis parts are die-formed code gauge cold rolled steel, 1 1/8" deep, 2 3/4" channel width.

Ballast Cover: Code gauge cold rolled steel, snap-on type without fasteners.

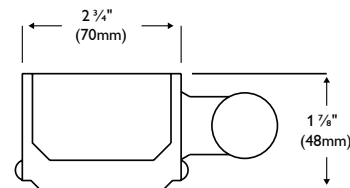
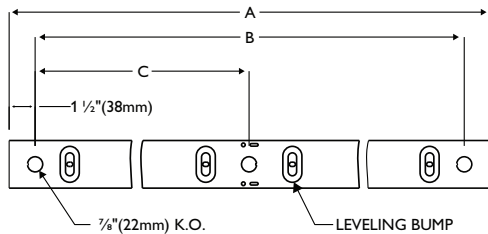
Finish: Chassis exterior—white baked polyester enamel. Phosphate undercoating. 84% minimum reflectivity

Electrical: Rapid start HPF, thermally protected class "P" ballast C.B.M. certified by E.T.L. If K.O. is within 3" of ballast, use wire suitable for at least 90°.

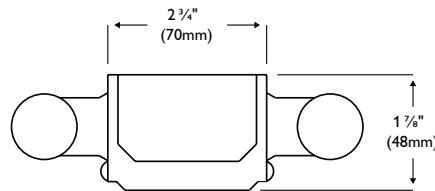
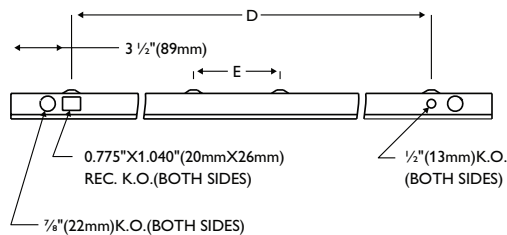
Labels: Listed by CSA.

Dimensions

TOP VIEW



SIDE VIEW



Nominal Length	A	B	C	D	E
48"	48" (1219mm)	45" (1143mm)	23" (584mm)	41" (1041mm)	5" (127mm)
36"	36" (914mm)	33" (838mm)	N/A	29" (737mm)	N/A
24"	24" (610mm)	21" (533mm)	N/A	17" (432mm)	N/A

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Performance

Report Number: G88072

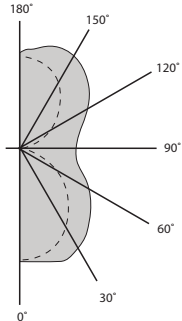
Catalog No: CSM240RS

Lamp Type: 2 F40T12CW

Lumens per Lamp: 3150

Lumen Input Watts: 89.0

Total Efficiency: 93.0%



Candela Distribution

Angle	Along	22.5	45.0	67.5	90.0	Flux
0	793	793	793	793	793	76
5	791	791	793	795	798	
15	755	766	794	818	829	224
25	691	721	790	833	843	353
35	601	658	741	774	786	435
45	487	572	642	686	702	462
55	360	452	531	591	614	436
65	230	320	417	492	520	370
75	108	198	310	398	429	291
85	25	111	254	362	402	253
90	12	103	249	359	400	
95	33	120	258	365	405	277
105	112	208	320	409	444	346
115	207	316	417	489	518	417
125	304	419	519	578	600	462
135	400	507	614	664	681	464
145	495	569	682	726	738	415
155	572	622	707	756	766	320
165	621	665	700	732	736	196
175	632	672	698	697	692	65
180	669	669	669	669	669	

Coefficients of Utilization

RC	80%			50%			30%			
RW	70	50	30	50	30	10	50	30	10	
RCR	Zonal Cavity Method Effective Floor Cavity Reflectance = .20									
Room Cavity Ratio	1	90	85	81	66	63	61	54	53	51
	2	81	74	68	57	53	50	47	44	42
	3	74	65	58	50	46	42	42	38	35
	4	68	57	49	45	39	35	37	33	30
	5	62	50	42	39	34	30	33	28	25
	6	57	45	37	35	30	26	29	25	22
	7	52	40	33	32	26	22	26	22	19
	8	48	36	29	28	23	19	24	19	16
	9	44	33	25	26	20	17	21	17	14
	10	41	30	23	23	18	15	19	15	12

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0-30	653	10.4	11.1
0-40	1089	17.3	18.6
0-60	1986	31.5	33.9
0-90	2900	46.0	49.5
90-120	1039	16.5	17.7
90-130	1501	23.8	25.6
90-150	2380	37.8	40.6
90-180	2961	47.0	50.5
0-180	5861	93.0	100.0

Options/Accessories

Radio Interference Filter:

120, 277 or 347 volt, 50 or 60 Hz.
Suffix: R

Ballast Options:

For other ballast options, consult
your Philips Lighting representative.



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www.philips.com/luminaires

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