

Maximum versatility, highly efficient and simple to use.

STG SERIES TWO LAMP STAGGERED



STAGGERED STRIP 4 1/4" WIDTH, 1 5/8" DEPTH
NOMINAL 27", 39", 51", 75" AND 99" LENGTHS
T8 OR T12 LAMP

Full 3" overlap. Eliminates shadows from lamp ends. Housing only 1 5/8" deep. Safe-handling metal edges. Fully enclosed wire way. Excellent for applications where continuous, even illumination is required.

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

Ordering Guide

Explanation of Catalog Number Example: STG-4232HPF120LE

Staggered Channel Strip	Nominal Fixture Length	Number of Lamps in a Luminaire Cross-Section	Lamp/Fixture Lamp/Watt	Ballast Type	Voltage	Ballast Type	Options
STG		2		HPF			
Staggered Channel Strip 4 1/4" wide x 1 5/8" deep channel	2 = nominal 27" 3 = nominal 39" 4 = nominal 51" 6 = nominal 75" 8 = nominal 99"	2	(Nominal 27") 17 = 17W T8 20 = 20W T12 (Nominal 39") 25 = 25W T8 30 = 30W T12 (Nominal 51") 32 = 32W T8 34 = 34W T12 (Nominal 75") 25 = 25W T8 (tandem) 30 = 30W T12 (tandem) (Nominal 99") 32 = 32W T8 (tandem) 34 = 34W T12 (tandem)	HPF = High Power Factor	120 = 120V 277 = 277V 347 = 347V	LE = Mag. T12 Energy Saving <20THD <10THD SO* RO** 2 Lamp Elec. T8 04* R4** 1-4 Lamp Elec. T8 PS — LOL T8 Dimming *Instant start standard **Rapid start standard	Add appropriate suffix to catalog No.

STG SERIES

TWO LAMP STAGGERED

Features

- Full 3" overlap eliminates shadows caused by lampholders or lamp ends.
- Housing is only 1 5/8" deep.
- Safe-handling metal edges.
- Fully enclosed wireway.
- Excellent for perimeter cove lighting or other applications where continuous, even illumination is required.

Specifications

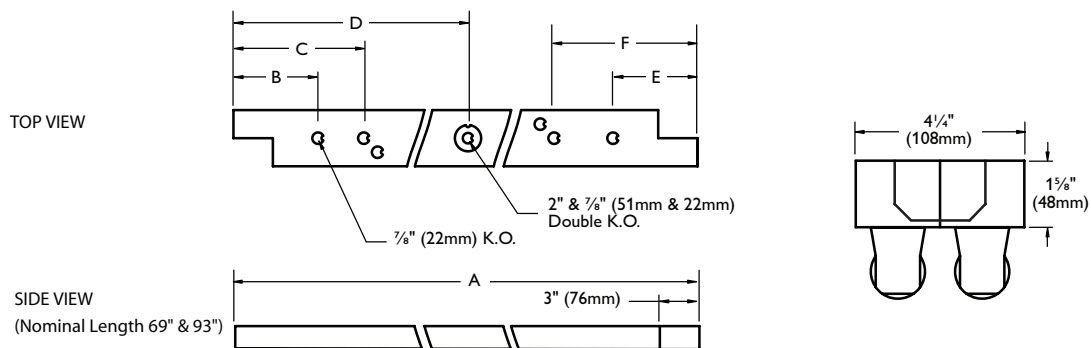
Materials: Chassis parts are die-formed code gauge cold rolled steel, 1 5/8" deep, 4 1/4" channel width.

Finish: Chassis exterior—phosphate undercoating, baked white polyester enamel.
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



Nominal Length	A	B	C	D	E	F
99"	98 ¹⁵ / ₁₆ " (2513mm)	6 ⁷ / ₁₆ " (164mm)	18 ¹⁵ / ₁₆ " (1768mm)	46 ⁷ / ₁₆ " (1180mm)	6 ⁷ / ₁₆ " (164mm)	19 ¹⁵ / ₁₆ " (506mm)
75"	74 ¹⁵ / ₁₆ " (1903mm)	6 ⁷ / ₁₆ " (164mm)	9 ¹⁵ / ₁₆ " (599mm)	37 ⁷ / ₁₆ " (951mm)	6 ⁷ / ₁₆ " (164mm)	10 ¹⁵ / ₁₆ " (278mm)
51"	50 ¹⁵ / ₁₆ " (1293mm)	6 ⁷ / ₁₆ " (164mm)	25 ¹⁵ / ₁₆ " (270mm)	N/A	6 ⁷ / ₁₆ " (164mm)	N/A
39"	38 ¹⁵ / ₁₆ " (989mm)	6 ⁷ / ₁₆ " (164mm)	26 ¹ / ₂ " (46mm)	N/A	6 ⁷ / ₁₆ " (164mm)	N/A
27"	26 ¹⁵ / ₁₆ " (684mm)	N/A	18 ¹ / ₂ " (46mm)	N/A	N/A	N/A

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Performance

Report Number: G86118

Catalog No: STG4234HPF120LE

Lamp Type: 2F40T12/CW

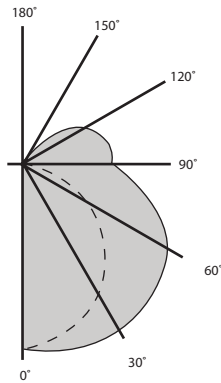
Lumens per Lamp: 3150

Total Efficiency: 89.7%

CIE Type: Semi-Direct

Spacing Criteria: 1.6

Shielding Angle: 180



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	92	87	82	76	73	70	69	67	64
	2	83	75	68	65	60	56	59	55	52
	3	75	65	57	57	51	46	52	47	43
	4	68	57	49	50	44	39	46	41	36
	5	62	50	42	44	37	32	40	35	30
	6	57	44	36	39	32	27	36	30	26
	7	52	40	31	35	28	24	32	26	22
	8	48	35	28	31	25	20	29	23	19
	9	44	32	24	28	22	17	26	20	16
	10	41	29	21	26	19	15	23	18	14



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Specifications are subject to change without notice.
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