

T BayTM

TG Series

T5 and T8
Linear Fluorescent
Glow Bays



Setting the Standard for Commercial
and Industrial Lighting

Contractor**Solutions**

Stonco[®]



T5HO Open High Bay

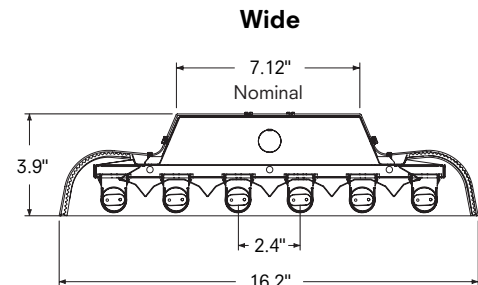
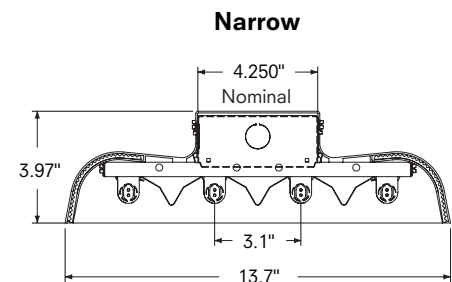
The TG Series is linear fluorescent high bay luminaire featuring a partial translucent reflector for ceiling illumination. It is particularly well suited for high ceiling retail applications because it offers bright, even illumination at high CRI levels over the entire space. The TG Series T5HO offers higher lumen output, is ideal for high ambient temperature operation, and is available in a narrow 4-light and wide 6-light profile. Features include high-reflectance Miro4™ specular optics with partial acrylic reflector, cool operation for lamp and ballast and circulating airflow that draws airborne particles away from the upward facing optical surfaces. Miro4™ reflector has a 95% reflectance.



TG Series w/ Miro 4™ Reflector

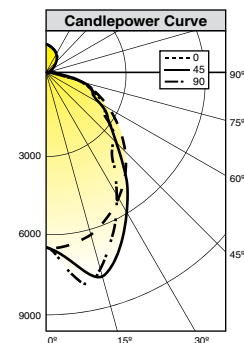
Lamp Type: FP54T5HO/835 Initial Lumens: 5000* - # of Lamps: 4

ZONE	LUMENS	% BARE LAMP	% LUMINANCE
0-30	5719	28.6	28.3
0-40	8961	44.8	44.4
0-60	14536	72.7	72.0
0-90	17800	89.0	88.2
90-120	605	3.0	3.0
90-130	882	4.4	4.4
90-150	1673	8.4	8.3
90-180	2379	11.9	11.8
0-180	20179	100.9	100.0



Room Cavity Ratio	80				70				50			
	70	50	30	10	70	50	30	10	50	30	10	
0	117	117	117	117	113	113	113	113	106	106	106	
1	108	103	99	96	104	100	96	93	93	90	88	
2	98	91	84	79	95	88	82	77	82	77	73	
3	90	80	72	66	87	78	70	65	73	67	62	
4	83	71	63	57	80	69	61	55	65	59	53	
5	76	64	55	49	73	62	54	48	59	52	47	
6	71	58	49	43	68	56	48	42	53	46	41	
7	66	53	44	38	63	51	43	38	49	42	37	
8	61	48	40	34	59	47	39	34	45	38	33	
9	57	44	36	31	55	43	36	31	41	34	30	
10	54	41	33	28	52	40	33	28	38	32	27	

* ITL 55144-2 (tested at 35°C ambient)



Fixture Ordering Logic Example: TGN454EB13C-1

TG	N	4	54	EB	1	3C	1
Series	Width	# Lamps	Wattage	Ballast	# Ballast	Options	Voltage
TG = TG Series Linear Fluorescent GloBay	N = Narrow W = Wide	4 ¹ 6 ²	54 = 54w T5HO (48") 54 = 54w T5HO (48")	EB = Programmed Rapid Start 1.0 bf EB = Programmed Rapid Start 1.0 bf	1 = (1) 4 lt ballast 2 = (2) 2 lt ballasts 2 = (2) 3 lt ballast 4 = (1) 4 lt ballast and (1) 2 lt ballast	See Back Panel	1 = 120v 4 = 277v 5 = 480v ³ 8 = 120-277v

¹ Narrow body only

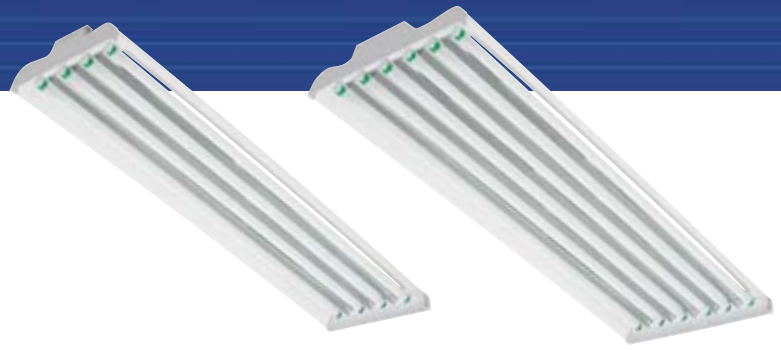
² Wide body only

³ Only available with ballast option 1 or 4

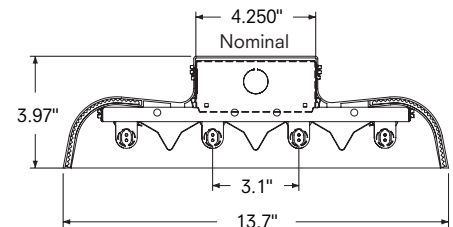


T8 Open High Bay

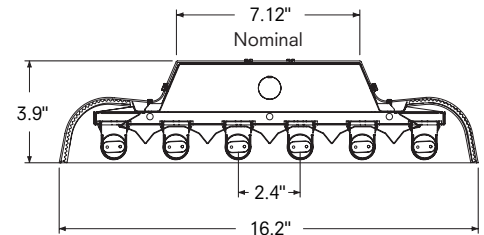
The TG Series is linear fluorescent high bay luminaire utilizing T8 lamping and featuring a partial translucent reflector for ceiling illumination. It is particularly well suited for high ceiling retail applications because it offers bright, even illumination at high CRI levels over the entire enclosure space. The TG Series T8 offers excellent lumen output over a greater range of temperatures, and is available in a narrow 4-light and wide 6-light profile. Features include high-reflectance Miro4™ specular optics with partial acrylic reflector, cool operation for lamp and ballast and circulating airflow that draws airborne particles away from the upward facing optical surfaces. Miro4™ reflector has a 95% reflectance.



Narrow



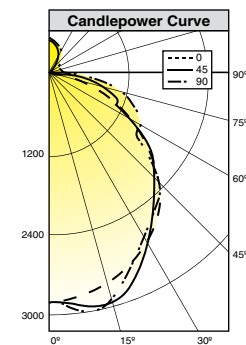
Wide



TG Series w/ Miro 4™ Reflector
Lamp Type: F32T8/835 - Initial Lumens: 2950* - # of Lamps: 4

ZONE	LUMENS	% BARE LAMP	% LUMINANCE
0-30	2753	23.3	24.0
0-40	4462	37.8	38.9
0-60	7754	65.7	67.7
0-90	10300	87.3	89.9
90-120	314	2.7	2.7
90-130	441	3.7	3.8
90-150	803	6.8	7.0
90-180	1159	9.8	10.1
0-180	11459	97.1	100.0

Room Cavity Ratio	80				70				50			
	70	50	30	10	70	50	30	10	50	30	10	
0	113	113	113	113	109	109	109	109	102	102	102	
1	103	96	93	89	99	94	90	87	88	85	82	
2	93	85	78	72	89	82	76	70	77	72	67	
3	85	74	66	60	81	72	64	58	68	61	56	
4	77	66	57	50	74	64	56	49	60	53	48	
5	71	59	50	43	68	57	49	43	54	47	41	
6	66	53	44	38	63	51	43	37	48	41	36	
7	61	48	39	33	59	46	38	33	44	37	32	
8	57	44	35	30	55	42	35	29	40	33	28	
9	53	40	32	27	51	39	31	26	37	30	26	
10	50	37	29	24	48	36	29	24	34	28	23	



* ITL 55142

Fixture Ordering Logic Example: TGW632EB26C-8

TG	W	6	32	EB	2	6C	8
Series	Width	# Lamps	Wattage	Ballast	# Ballast	Options	Voltage
TG = TG Series Linear Fluorescent GloBay	N = Narrow W = Wide	4 ¹ 6 ²	32 = 32w T8 (48") 32 = 32w T8 (48")	EB = Instant Start 1.18 bf EB = Instant Start 1.18 bf	1 = (1) 4 lt ballasts 2 = (2) 2 lt ballasts 2 = (2) 3 lt ballasts 4 = (1) 4 lt ballast and (1) 2 lt ballast	See Back Panel	1 = 120v 4 = 277v 8 = 120-277v

¹ Narrow body only
² Wide body only



TG Series Features

Compound Reflector System

Convective air path draws airborne particles away from the upward facing optical surfaces

Acrylic Reflector Side Panels

Provides 10% ceiling uplighting for retail applications

Miro4™ Specular Optics

High-reflectance for even illumination

T5HO or T8 Lamping

Greater efficiency and high CRI rating

High-Impact Injection Molded ABS End Cap

Provides a sleek finish for any application

Durable Housing

Die-formed from cold rolled steel

Strategically Located Venting

Maintains efficient lamp operation while cooling the ballast cavity



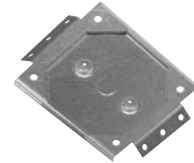
TG Series Accessories

TSCHAIN = mounting chain set

TSMTG = mounting plate



TSCHAIN- Mounting Chain Set



TSMTG- Mounting Plate

Factory-Installed Options

- 3C** = 3-foot SO cord only
- 6C** = 6-foot SO cord only
- 3F** = 3-foot SO cord and 15-amp NEMA plug
- 6F** = 6-foot SO cord and 15-amp NEMA plug
- 3T** = 3-foot SO cord and 20-amp NEMA plug
- 6T** = 6-foot SO cord and 20-amp NEMA plug
- JP** = Job-Pack (bulk quantity for narrow units is 27 and 18 for wide units)
- 835** = Pre-lamped with 3500k lamps (T5HO/T8 Job-Pack only) (2950 lumens)
- 841** = Pre-lamped with 4100k lamps (T5HO/T8 Job-Pack only) (2950 lumens)
- 735** = Pre-lamped with 3500k lamps (T8 Job-Pack only) (2850 lumens)
- 741** = Pre-lamped with 4100k lamps (T8 Job-Pack only) (2850 lumens)
- MD** = Factory-installed motion detector
- Dimming** = Consult factory

Consult factory for emergency back-up.

Visit the Stonco website for more information regarding our complete line of linear fluorescent high bays. Our website includes IES files to download, online design capability using Quik Est and training tools such as our online tutorials.



a **GENLYTE** company

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