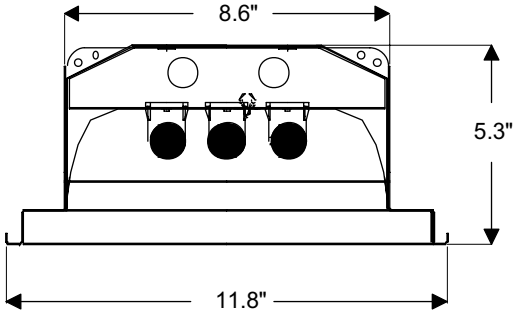
3 Lamp Profile 1x4 Specification Grade Recessed Troffer with Acrylic Lens and Normal Beam Specular Reflector



APPLICATIONS

The TG series of grid troffers is a versatile line of specification luminaires with a range of features to customize light output and suit specific needs. Typical applications include offices, schools, hospitals and retail interiors.

FEATURES

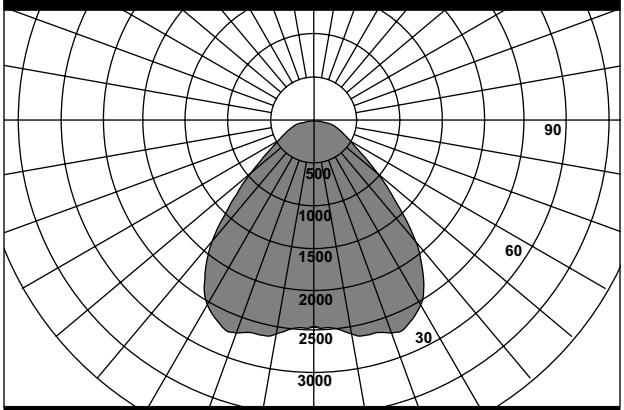
The reflector is manufactured from a selection of premium specular materials and designed to maximize fixture efficiency at 66.8%.

The 5.3" deep fixture is available with air-handling capability or static, with a regressed aluminum door equipped with spring-loaded cam latches or with a flush steel door and rotary cam latches.

Easy wiring and service are provided by the top-mounted quick access wiring plate, and by the removable ballast cover, which is secured by quarter-turn fasteners.

TGS14XNA12O43 PHOTOMETRY

**Certified by Holophane Corporation, Newark, Ohio.
Photometric test report #48348.**



Efficiency = 66.8%, S/MH = 1.4

SPECIFICATIONS

HOUSING : 22 gauge cold rolled steel housing is extremely rigid and fully assembled with rivets. Exterior surfaces are finished with 86% reflectivity high gloss white polyester paint.

REFLECTOR : Material options include premium enhanced aluminum and anodized aluminum (see back page for more details). Multi-faceted reflector profile is computer optimized and precision fabricated.

LENS : Pattern 12 clear virgin acrylic lens (A12) 0.110" or (B12) 0.125" thick.

LAMPHOLDERS : Vossloh rotary-lock lampholders offer superior contact between lamps and electrical connections, and provide long-term lamp service and access.

MOUNTING : The TG troffer is suitable for mounting in NEMA type "G" ceiling systems.

APPROVALS : All TG troffers are UL and CUL listed. City of New York approved fixtures are also available.

COEFFICIENTS OF UTILIZATION

CC Wall	80				70				50			30		
	70	50	30	10	70	50	30	10	50	30	10	50	30	10
RCR														
0	.79	.79	.79	.79	.78	.78	.78	.78	.74	.74	.74	.71	.71	.71
1	.73	.71	.68	.66	.72	.69	.67	.65	.66	.65	.63	.64	.62	.61
2	.68	.63	.59	.55	.66	.62	.58	.55	.59	.56	.54	.57	.55	.52
3	.62	.56	.51	.47	.61	.55	.51	.47	.53	.49	.46	.51	.48	.45
4	.58	.50	.45	.41	.56	.50	.45	.41	.48	.44	.40	.46	.43	.40
5	.53	.46	.40	.36	.52	.45	.40	.36	.43	.39	.35	.42	.38	.35
6	.50	.41	.36	.32	.48	.41	.36	.32	.40	.35	.32	.39	.34	.31
7	.46	.38	.32	.29	.45	.37	.32	.28	.36	.32	.28	.35	.31	.28
8	.43	.35	.29	.26	.42	.34	.29	.26	.33	.29	.25	.33	.28	.25
9	.40	.32	.27	.23	.39	.32	.27	.23	.31	.26	.23	.30	.26	.23
10	.38	.30	.24	.21	.37	.29	.24	.21	.29	.24	.21	.28	.24	.21

BODY OPTIONS AND LENS DESCRIPTION

Air Feature / Door Frame Option		Fixture Body Gauge	
		22 Ga (std)	20 Ga (NYC)
	Static - No Reveal Flush Steel Door Rotary Cam Latches	S	T
	Static - No Reveal Regressed Aluminum Door Spring Loaded Latches	R	Q
	Air Handling - Black Reveal Regressed Aluminum Door Spring Loaded Latches	A	B
	Static - Black Reveal Regressed Aluminum Door Spring Loaded Latches	N	M

Pattern 12 Acrylic Lens

Lens is manufactured from non-yellowing clear virgin acrylic and provides low surface brightness and excellent lamp obscuration. The bottom surface of the lens features standard pattern 12 prism array, and the upper surface is smooth.

MODELS AVAILABLE

The TG series of recessed troffers is a versatile line of products with a range of features that provide the opportunity to customize light output to suit specific application needs. The fixture code indicates the series, body gauge and door option, size, reflector material type, photometric beam, louver type, lamp quantity and configuration, and ballast type, quantity and voltage. Tandem combinations are also available and are indicated by a number (2, 3 or 4) placed in front of the code below. Please contact the factory for additional information.
To precisely match the requirements of your lighting task, reflectors are offered in a choice of two high quality materials. The reflector material type is indicated in the 6th character of the fixture model number.

Character	Material Type	Reflectivity		
		Specular	Diffuse	Total
X	Miro 4 Premium Enhanced Aluminum 0.020"	92%	3%	95%
A	Anodized Aluminum 0.020"	82%	4%	86%

Miro 4 is a registered trademark of Alanod.

Fixture Schedule **Fixture ID #**

	T G		1 4		N	A 1 2	O 4 3			

Tandem Option
2 - Tandem of 2
3 - Tandem of 3
4 - Tandem of 4

Fixture Series

Body Gauge/ Air Feature/ Door Option

S	A
T	B
R	N
Q	M

(see top of page)

Size
14 - 1x4

Reflector Material
X
A

Photometric Beam
N - normal

Lens Designation
A12 - .110" thick acrylic lens
B12 - .125" thick acrylic lens

Lamp Configuration
O43 - 3 FO32

Ballast Type
EP - standard electronic parallel
LP - low power electronic parallel
YP - high light output electronic parallel
(For series-wired, change "P" to "S")

Ballast Quantity
1
2

Ballast Voltage
1 - 120V
2 - 277V
3 - 347V
E - 230V 50Hz

HOLOPHANE
LEADER IN LIGHTING SOLUTIONS

Holophane Corporation, 214 Oakwood Ave., Newark, OH 43055 / Holophane Canada, Inc. 294 Walker Drive, Unit #3, Brampton, ON Canada L6T 4Z2 / Holophane Europe Limited, Bond Ave., Milton Keynes MK1 1JG, England.

Contact your local Holophane sales representative for application assistance, computer-aided design and cost studies, and sample units for trial installation. For information on other Holophane products and systems, call the Customer Service Center at 614-345-9631 or fax 614-349-4426. In Canada call 905-793-3111 or fax 905-793-9597.