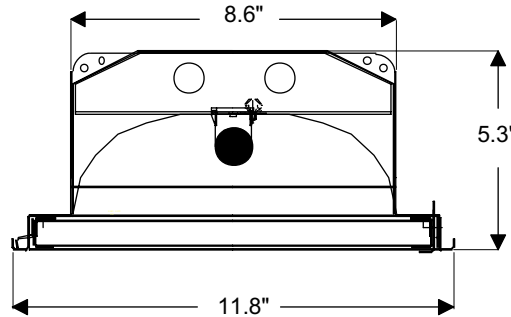


1 Lamp Profile 1x4 Specification Grade Recessed Troffer with Acrylic Lens and Normal Beam Specular Reflector



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 86.0%.

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.

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 measures 0.110" or B12 which measures 0.125" thick..

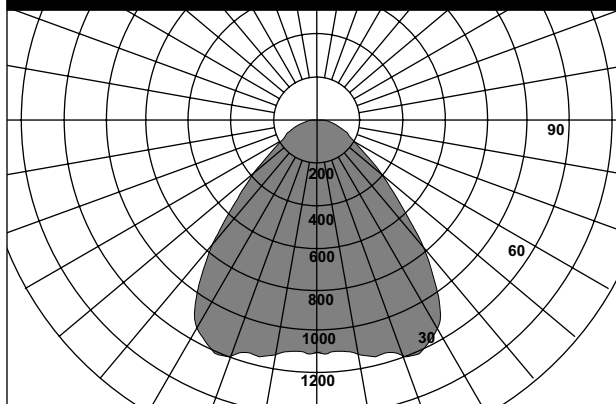
LAMP HOLDERS : Vossloh rotary-lock lampholders offer superior contact between lamps and electrical connections, and provide long-term lamp service and access.

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.

TGS14XNA12040 PHOTOMETRY

Certified by Holophane Corporation, Newark, Ohio.
Photometric test report #48296.







Efficiency = 86.0%, S/MH = 1.4

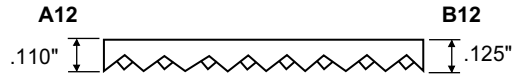
COEFFICIENTS OF UTILIZATION

| CC Wall | 80 | | | | 70 | | | | 50 | | | | 30 | | | |
|---------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|--|--|
| | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | | |
| RCR | | | | | | | | | | | | | | | | |
| 0 | 1.02 | 1.02 | 1.02 | 1.02 | 1.00 | 1.00 | 1.00 | 1.00 | .96 | .96 | .96 | .91 | .91 | .91 | | |
| 1 | .95 | .91 | .88 | .85 | .92 | .89 | .86 | .84 | .86 | .83 | .81 | .82 | .80 | .79 | | |
| 2 | .87 | .81 | .76 | .72 | .85 | .80 | .75 | .71 | .77 | .73 | .69 | .74 | .71 | .68 | | |
| 3 | .81 | .73 | .66 | .62 | .79 | .71 | .66 | .61 | .69 | .64 | .60 | .67 | .62 | .59 | | |
| 4 | .75 | .65 | .59 | .53 | .73 | .64 | .58 | .53 | .62 | .57 | .52 | .60 | .56 | .52 | | |
| 5 | .69 | .59 | .52 | .47 | .67 | .58 | .52 | .47 | .56 | .51 | .46 | .55 | .50 | .46 | | |
| 6 | .64 | .54 | .47 | .42 | .63 | .53 | .46 | .42 | .51 | .46 | .41 | .50 | .45 | .41 | | |
| 7 | .60 | .49 | .42 | .37 | .58 | .48 | .42 | .37 | .47 | .41 | .37 | .46 | .41 | .37 | | |
| 8 | .56 | .45 | .38 | .34 | .55 | .45 | .38 | .34 | .43 | .38 | .33 | .42 | .37 | .33 | | |
| 9 | .52 | .42 | .35 | .30 | .51 | .41 | .35 | .30 | .40 | .34 | .30 | .39 | .34 | .30 | | |
| 10 | .49 | .38 | .32 | .28 | .48 | .38 | .32 | .28 | .37 | .32 | .28 | .36 | .31 | .28 | | |

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

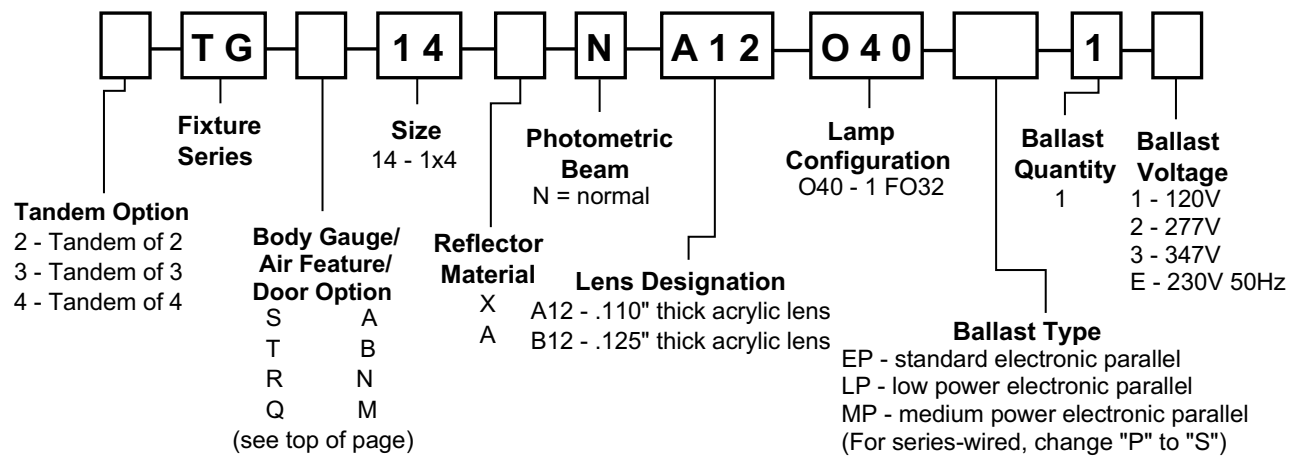
The TG series of recessed troffers is a versatile line of products with a range of features that provide the opportunity to customize light output to suit specific application needs. The fixture code indicates the series, body gauge and door option, size, reflector material type, photometric beam, louver 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



Holophane Corporation, 214 Oakwood Ave., Newark, OH 43055 / Holophane-Austin, 2011 W. Rundberg Ln., Austin, TX 78758 / Holophane Canada, Inc. 294 Walker Dr., Unit #3, Brampton, ON Canada L6T 4Z2 / Holophane Europe Limited, Bond Ave., Milton Keynes MK1 1JG, England / Unique Lighting Solutions, 13/30 Heathcote Rd., Moorebank, NSW 2170 Australia / Holophane, S.A. de C.V., Apartado Postal No. 986, Naucalpan de Juarez, 53000 Edo. de Mexico

Contact your local Holophane sales representative for application assistance, computer-aided design and cost studies. For information on other Holophane products and systems, call the Customer Service Center at 740-345-9631. In Canada call 905-793-3111 or fax 905-793-9597. Holophane-Austin 1-800-822-4188.