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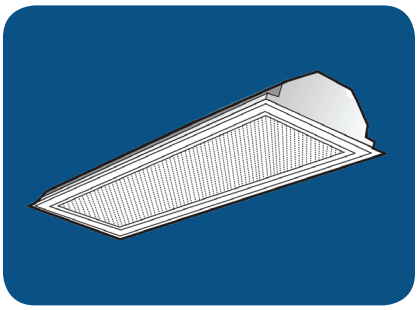
131 1’ x 4’

Lensed Static Troffer, Grid Mount



FEATURES & SPECIFICATIONS

INTENDED USE

Specification grade, low profile troffer meets an almost limitless range of applications. Troffer is ideal for all commercial and industrial buildings requiring general illumination with recessed configurations.

SIZE W x L x H in inches (mm)

11.75W x 48.0L x 4.0Dp (300 x 1220 x 100)

LAMP

1 or 2 lamp positions. (Contact factory for 3 lamp availability)

MATERIALS & FEATURES

Housing is die-formed and embossed code 22 gage steel. Finish is high reflectance baked white enamel. Wiring knockouts are provided on back and end of housing. Ballast cover or reflector snaps into place; no tools required for ballast access. Lens is held with a hinged steel door frame; frame hinges downward on either side and is held closed by two positive cam latches. Premium, full specular reflectors are available as an option to increase efficiency or modify lighting distribution.

- POST PAINTED POWDER COAT FINISH
- Shallow design for low clearance plenums
- Clear 0.10thk A12 acrylic lens is standard; many options available.
- Flush steel hinges from either side; field reversible.
- Access plate to simplify installation

MOUNTING

Recessed inverted T-Bar ceilings. Grid mount.

LISTING

Fixture & Ballast: UL Listed
Ballast: Thermally protected, class P, HPF, Non PCB

TYPICAL OPTIONS AND ACCESSORIES

Emergency ballasts, whips, regressed doors, wire guards, frame kits, and lenses. See options page at the end of the T02Grid section, or contact factory for more details.

ORDERING INFORMATION

Example: **131 A 232 12 E120**

131 A 2 32 12 E120

Series

131	Lensed Static Troffer, Grid Mount

Lamp Position

1 or 2	Lamps Not included

Lamp Type [1]

40	48 in. T12 [7]
32	48 in. T8
28	46 in. T5
54	46 in. T5HO

Reflector [3]

(blank)	no reflector [3]
M20	Mirrored reflector

Ballast & Voltage [1]

E120		Electronic, 120V
E277		Electronic, 277V
MV		Electronic, Multivolt (120-277)
H120	**[4]**	Electronic, 120V, Hi-Lume
H277	**[4]**	Electronic, 277V, Hi-Lume
HMV	**[4]**	Electronic, Multivolt, Hi-Lume
L120	**[4]**	Electronic, 120V, Lo-Lume
L277	**[4]**	Electronic, 277V, Lo-Lume
LMV	**[4]**	Electronic, Multivolt, Lo-Lume
G120	**[5]**	Line Dimming, 120 Volt
G277	**[5]**	Line Dimming, 277 Volt
GMV	**[5]**	Line or 0-10V dimming, Multivolt

Lens Material [2]

A	Prismatic Acrylic #12 Pattern
A125	Prismatic Acrylic #12 Pattern 1/8”
MW	Matte White Acrylic
SP1	Specular Parabolic Louver 1/2” x 1/2” x 3/8”
SP4	Specular Parabolic Louver 3/4” x 3/4” x 1/2”
SP2	Specular Parabolic Louver 1 1/2” x 1 1/2” x 1”
PLA	White Cubed Acrylic Louver 1/2” x 1/2” x 3/8”

1x4 Size Code

(req’d on all item numbers)

12
The 12 size code must appear in all 1x4 items.

Options [1]

AW	Regressed aluminum door, white
AB	Regressed aluminum door, black
WP	6 ft. 3 wire 18 gauge whip
WP10	6 ft. 4 wire 18 gauge whip
EM	Emergency ballast, 500 lumens
EM14	Emergency ballast, 1400 lumens

EM14 ballast required for T5 & T5HO lamps

Notes

[1] See end of T02Grid for many additional lamps, ballasts, finishes, and options.
[2] Custom louvers available in any cell configuration. Contact factory for additional information.
[3] Custom reflectors available to create any light distribution.
[4] HiLume and LoLume ballasts available for T8 lamps only.
[5] Dimming ballasts available for T8 & T5HO lamps only.
[6] Magnetic ballasts availabe for T8 & T12 only.
[7] Magnetic & electronic T12 ballasts drive a 34W energy saver lamp.

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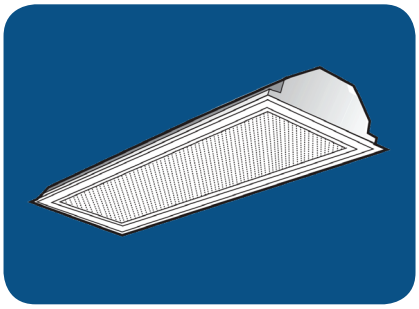
Catalog Number:
Notes:

131 1’ x 4’

Lensed Static Troffer, Grid Mount



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DIMENSIONS

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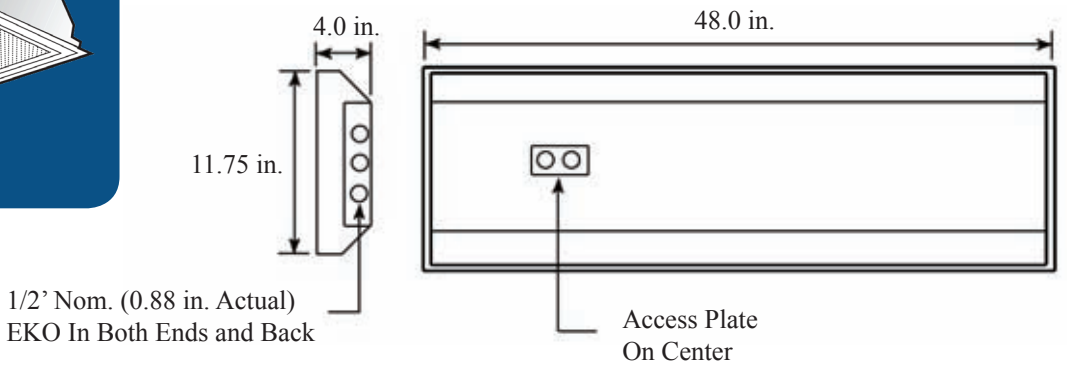

PHOTOMETRICS

Calculated using the zonal cavity method in accordance with IESNA LM41 procedure. Lamp configurations shown are typical. Photometric data on these and other configurations available upon request.

Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			131A232-12		Spacing ratio.	Along 1.2		Across 1.3
0	0.68	0.67	0.67	0.65	0.66	0.65	0.63	0.63	0.62
1	0.62	0.60	0.57	0.61	0.58	0.56	0.56	0.54	0.53
2	0.57	0.53	0.49	0.56	0.52	0.48	0.50	0.47	0.44
3	0.53	0.47	0.42	0.51	0.46	0.42	0.44	0.41	0.38
4	0.49	0.42	0.37	0.48	0.41	0.37	0.40	0.36	0.33
5	0.45	0.38	0.33	0.44	0.37	0.33	0.36	0.32	0.29
6	0.42	0.34	0.29	0.41	0.34	0.29	0.33	0.29	0.26
7	0.39	0.31	0.27	0.38	0.31	0.26	0.30	0.26	0.23
8	0.36	0.29	0.24	0.36	0.28	0.24	0.28	0.24	0.21
9	0.34	0.27	0.22	0.33	0.26	0.22	0.26	0.22	0.19
10	0.32	0.25	0.20	0.31	0.24	0.20	0.24	0.20	0.17

Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			131A332-12		Spacing ratio.	Along 1.2		Across 1.3
0	0.70	0.71	0.71	0.70	0.69	0.66	0.66	0.66	0.66
1	0.66	0.63	0.60	0.64	0.61	0.59	0.59	0.57	0.55
2	0.60	0.56	0.52	0.59	0.55	0.51	0.52	0.49	0.47
3	0.56	0.49	0.45	0.54	0.49	0.44	0.47	0.43	0.40
4	0.52	0.44	0.39	0.50	0.44	0.39	0.42	0.38	0.35
5	0.48	0.40	0.35	0.46	0.39	0.35	0.38	0.34	0.31
6	0.44	0.36	0.31	0.43	0.36	0.31	0.35	0.30	0.27
7	0.41	0.33	0.28	0.40	0.33	0.28	0.32	0.27	0.24
8	0.39	0.30	0.26	0.38	0.30	0.25	0.29	0.25	0.22
9	0.36	0.28	0.23	0.35	0.28	0.23	0.27	0.23	0.20
10	0.34	0.26	0.21	0.33	0.26	0.21	0.25	0.21	0.18

Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			131A132M20-12		Spacing ratio.	Along 1.2	Across 1..3	
0	0.93	0.93	0.92	0.91	0.90	0.90	0.87	0.86	0.86
1	0.86	0.82	0.78	0.84	0.80	0.77	0.77	0.74	0.72
2	0.78	0.72	0.67	0.76	0.70	0.66	0.68	0.64	0.60
3	0.72	0.63	0.57	0.70	0.62	0.56	0.60	0.55	0.51
4	0.66	0.56	0.50	0.64	0.55	0.49	0.53	0.48	0.44
5	0.61	0.50	0.43	0.59	0.49	0.43	0.48	0.42	0.38
6	0.56	0.45	0.38	0.54	0.44	0.38	0.43	0.37	0.33
7	0.52	0.41	0.34	0.50	0.40	0.34	0.39	0.33	0.29
8	0.48	0.37	0.30	0.47	0.37	0.30	0.36	0.30	0.26
9	0.45	0.34	0.27	0.44	0.33	0.27	0.32	0.27	0.23
10	0.42	0.31	0.25	0.41	0.31	0.25	0.30	0.24	0.21

Catalog Number:
Notes:

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131 2’ x 2’

Lensed Static Troffer, Grid Mount

FEATURES & SPECIFICATIONS

INTENDED USE

Specification grade, low profile troffer meets an almost limitless range of applications. Troffer is ideal for all commercial and industrial buildings requiring general illumination with recessed configurations.

SIZE W x L x H in inches (mm)

23.75W x 24.0L x 4.0Dp (600 x 610 x 100)

LAMP

2, 3, or 4 lamp positions.

MATERIALS & FEATURES

Housing is die-formed and embossed code 22 gauge steel. Finish is high reflectance baked white enamel. Wiring knockouts are provided on back and end of housing. Ballast cover or reflector snaps into place; no tools required for ballast access. Lens is held with a hinged steel door frame; frame hinges downward on either side and is held closed by two positive cam latches. Premium, full specular reflectors are available as an option to increase efficiency or modify lighting distribution.

- POST PAINTED POWDER COAT FINISH
- Shallow design for low clearance plenums
- Clear 0.10thk A12 acrylic lens is standard; many options available.
- Flush steel hinges from either side; field reversible.
- Access plate to simplify installation

MOUNTING

Recessed inverted T-Bar ceilings. Grid mount.

LISTING

Fixture & Ballast: UL Listed
Ballast: Thermally protected, class P, HPF, Non PCB

TYPICAL OPTIONS AND ACCESSORIES

Emergency ballasts, whips, regressed doors, wire guards, frame kits, and lenses. See options page at the end of the T02Grid section, or contact factory for more details.

ORDERING INFORMATION

Example: **131 A 232U MV**

131 **A** **2** **32U** **MV**

Series

131 Lensed Static Troffer, Grid Mount

Lamp Count

2, 3, or 4 Lamps Not included

Lamp Type [1]

20	24 in. T12
17	24 in. T8
14	23 in. T5
24	23 in. T5HO
32U	T8 Ubend 6 in. leg
31U	T8 Ubend 1.62 in. leg
40BX	Biaxial (TT5) 2G11 4-Pin 40W

Ballast & Voltage [1]

MV	Electronic, Multivolt (120-277)
HMV [4]	Electronic, Multivolt, Hi-Lume
GMV [5]	Line or 0-10V dimming, Multivolt
X1	Wired for single ended LED T8 Lamps
X2	Wired for double ended LED T8 Lamps
G120	No sockets, ballasts or wiring

Lens Material [2]

A	Prismatic Acrylic #12 Pattern
A125	Prismatic Acrylic #12 Pattern 1/8”
MW	Matte White Acrylic
SP1	Specular Parabolic Louver 1/2” x 1/2” x 3/8”
SP4	Specular Parabolic Louver 3/4” x 3/4” x 1/2”
SP2	Specular Parabolic Louver 1 1/2” x 1 1/2” x 1”
PLA	White Cubed Acrylic Louver 1/2” x 1/2” x 3/8”

Reflector [3]

(blank)	no reflector [3]
M20	Mirrored reflector

Options [1]

AW	Regressed aluminum door, white
AB	Regressed aluminum door, black
WP	6 ft. 3 wire 18 gauge whip
WP10	6 ft. 4 wire 18 gauge whip
EM	Emergency ballast, 500 lumens
EM14	Emergency ballast, 1400 lumens
LN15W35	Single ended 15W 1700 Lumen 3500K* Incl.
LN13W35	Single ended 13W 1450 Lumens 3500K* Incl.

*Change 35 to 40 or 50 for 4000K or 5000K

Notes

[1] See end of T02Grid for many additional lamps, ballasts, finishes, and options.
[2] Many additional lens materials are available. Contact factory for additional information.
[3] Custom reflectors available to create any light distribution.
[4] HiLume and LoLume ballasts available for T8 lamps only.
[5] Line dimming ballasts available for T8 & T5HO lamps only.
[6] Magnetic ballasts available for T8 & T12 only.

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Catalog Number:
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131 2’ x 2’

Lensed Static Troffer, Grid Mount

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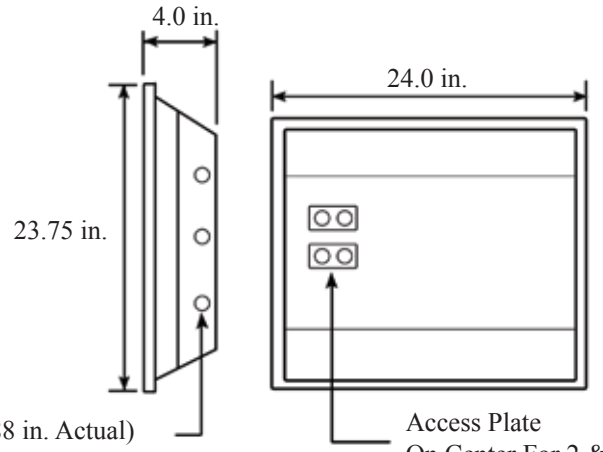
DIMENSIONS

All dimensions are inches. Specifications subject to change without notice.



PHOTOMETRICS

Calculated using the zonal cavity method in accordance with IESNA LM41 procedure. Lamp configurations shown are typical. Photometric data on these and other configurations available upon request.

Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			131A317		Spacing ratio.	Along 1.2		Across 1.3
0	0.89	0.89	0.88	0.87	0.87	0.86	0.83	0.82	0.82
1	0.82	0.78	0.75	0.80	0.77	0.74	0.74	0.71	0.69
2	0.76	0.69	0.64	0.74	0.68	0.63	0.65	0.62	0.58
3	0.69	0.62	0.56	0.68	0.60	0.55	0.58	0.54	0.50
4	0.64	0.55	0.49	0.63	0.54	0.48	0.53	0.47	0.43
5	0.59	0.50	0.43	0.58	0.49	0.43	0.47	0.42	0.38
6	0.55	0.45	0.38	0.53	0.44	0.38	0.43	0.37	0.33
7	0.51	0.41	0.35	0.50	0.40	0.34	0.39	0.34	0.30
8	0.48	0.38	0.31	0.47	0.37	0.31	0.36	0.31	0.27
9	0.45	0.35	0.29	0.44	0.34	0.28	0.33	0.28	0.24
10	0.42	0.32	0.26	0.41	0.32	0.26	0.31	0.26	0.22

Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			131A217M20		Spacing ratio.	Along 1.2		Across 1.3
0	1.04	1.03	1.02	1.01	1.01	1	0.96	0.96	0.95
1	0.96	0.92	0.88	0.93	0.9	0.86	0.86	0.83	0.81
2	0.88	0.81	0.76	0.86	0.8	0.75	0.77	0.73	0.69
3	0.81	0.73	0.66	0.79	0.71	0.65	0.69	0.64	0.59
4	0.76	0.65	0.58	0.74	0.64	0.58	0.62	0.57	0.52
5	0.7	0.59	0.52	0.68	0.58	0.51	0.56	0.5	0.46
6	0.65	0.53	0.46	0.63	0.53	0.46	0.51	0.45	0.4
7	0.61	0.49	0.42	0.59	0.48	0.41	0.47	0.41	0.36
8	0.57	0.45	0.38	0.55	0.45	0.38	0.43	0.37	0.33
9	0.53	0.42	0.35	0.52	0.41	0.34	0.4	0.34	0.3
10	0.5	0.38	0.32	0.49	0.38	0.32	0.37	0.31	0.27

Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			131A417		Spacing ratio.	Along 1.2	Across 1..3	
0	0.85	0.85	0.84	0.83	0.83	0.82	0.79	0.79	0.78
1	0.79	0.75	0.72	0.77	0.73	0.71	0.7	0.68	0.66
2	0.72	0.66	0.62	0.7	0.65	0.61	0.63	0.59	0.56
3	0.66	0.59	0.53	0.65	0.58	0.53	0.56	0.51	0.48
4	0.61	0.53	0.47	0.6	0.52	0.46	0.5	0.45	0.42
5	0.57	0.48	0.41	0.55	0.47	0.41	0.45	0.4	0.36
6	0.52	0.43	0.37	0.51	0.42	0.36	0.41	0.36	0.32
7	0.49	0.39	0.33	0.48	0.39	0.33	0.38	0.32	0.29
8	0.46	0.36	0.3	0.45	0.36	0.3	0.35	0.3	0.26
9	0.43	0.33	0.27	0.42	0.33	0.27	0.32	0.27	0.23
10	0.4	0.31	0.25	0.39	0.3	0.25	0.3	0.25	0.21

Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			131A232U		Spacing ratio.	Along 1.2		Across 1.3
0	0.84	0.83	0.83	0.82	0.81	0.81	0.78	0.78	0.77
1	0.77	0.74	0.71	0.75	0.72	0.70	0.69	0.67	0.65
2	0.71	0.65	0.61	0.64	0.64	0.60	0.62	0.58	0.55
3	0.66	0.58	0.53	0.57	0.57	0.52	0.55	0.51	0.47
4	0.61	0.52	0.46	0.51	0.51	0.46	0.50	0.45	0.41
5	0.56	0.47	0.41	0.46	0.46	0.41	0.45	0.40	0.36
6	0.52	0.43	0.36	0.42	0.42	0.36	0.41	0.36	0.32
7	0.48	0.39	0.33	0.38	0.38	0.33	0.37	0.32	0.29
8	0.45	0.36	0.30	0.35	0.35	0.30	0.34	0.29	0.26
9	0.42	0.33	0.27	0.32	0.32	0.27	0.32	0.27	0.23
10	0.40	0.30	0.25	0.30	0.30	0.25	0.29	0.25	0.21

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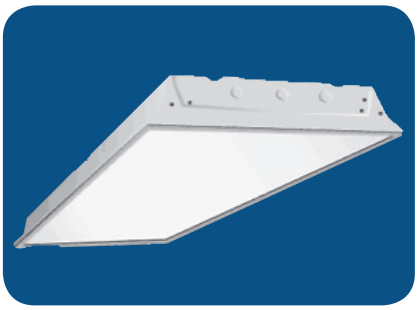

FEATURES & SPECIFICATIONS

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2, 3, or 4 lamp positions.

MATERIALS & FEATURES

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MOUNTING

Recessed inverted T-Bar ceilings. Grid mount.

LISTING

Fixture & Ballast: UL Listed.
Ballast: Thermally protected, class P, HPF, Non PCB

TYPICAL OPTIONS AND ACCESSORIES

Emergency ballasts, whips, regressed doors, wire guards, frame kits, and lenses. See options page at the end of the T02Grid section, or contact factory for more details.

***See HB131 Series for 6 lamp conversion**

ORDERING INFORMATION

Example: **131 A 432 MV**

131 | **A** | **4** | **32** | **MV**

Series

131 Lensed Static Troffer, Grid Mount

Function

(blank)	Static
R	Air Return

Lens Material [2]

A	Prismatic Acrylic #12 Pattern
A125	Prismatic Acrylic #12 Pattern 1/8"
MW	Matte White Acrylic
SP1	Specular Parabolic Louver 1/2" x 1/2" x 3/8"
SP4	Specular Parabolic Louver 3/4" x 3/4" x 1/2"
SP2	Specular Parabolic Louver 1 1/2" x 1 1/2" x 1"
PLA	White Cubed Acrylic Louver 1/2" x 1/2" x 3/8"

Lamp Count

2, 3, or 4 Lamps Not included

Lamp Type [1]

40	48 in. T12 [7]
32	48 in. T8
28	46 in. T5
54	46 in. T5HO

Reflector [3]

(blank)	no reflector [3]
M20	Mirrored reflector

Ballast & Voltage [1]

MV	Electronic, Multivolt (120-277)
HMV [4]	Electronic, Multivolt, Hi-Lume
LMV [4]	Electronic, Multivolt, Lo-Lume
GMV [5]	Line or 0-10V dimming, Multivolt
X1	Wired for single ended LED T8 lamps
X2	Wired for double ended LED T8 lamps
XX	No sockets, ballasts or wiring

For Multiple ballasts add the following code to the end of the ballast designation (11)(21)(22) or (31) based on how the fixture will be controlled.

Options [8]

AW	Regressed aluminum door, white
AB	Regressed aluminum door, black
WP	6 ft. 3 wire 18 gauge whip
WP10	6 ft. 4 wire 18 gauge whip
EM	Emergency ballast, 500 lumens
EM14	Emergency ballast, 1400 lumens
GK1	Single Gasketed Door - Single (lens to door frame)
GK2	Double Gasketed Door - (lens.frame + frame to troffer)
GK3	Triple Gasketed (lens/frame + frame/troffer to T-bar grid)
LN15W35	Single ended 15W 1800 Lumen 3500K* Included
LN18W35	Single ended 18W 2100 Lumen 3500K* Included

* Change 35 to 40 or 50 for 4000K or 5000K

Notes

[1] See end of T02Grid for many additional lamps, ballasts, finishes, and options.
[2] Many additional lens materials are available. Contact factory for additional information.
[3] Custom reflectors available to create any light distribution.
[4] HiLume and LoLume ballasts available for T8 lamps only.
[5] Line dimming ballasts available for T8 & T5HO lamps only.
[6] Magnetic ballasts available for T8 & T12 only.
[7] Magnetic & electronic T12 ballasts drive a 34W energy saver lamp.
[8] EM for T5, T5HO requires T5 emergencies

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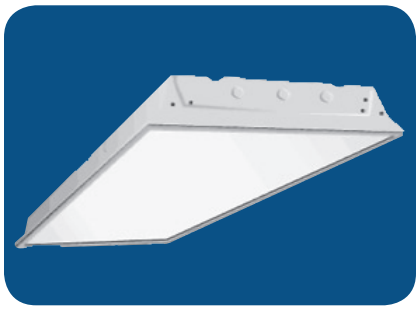
Catalog Number:
Notes:

131 2’ x 4’

Lensed Static Troffer,
Grid Mount



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Texas Fluorescents
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DIMENSIONS

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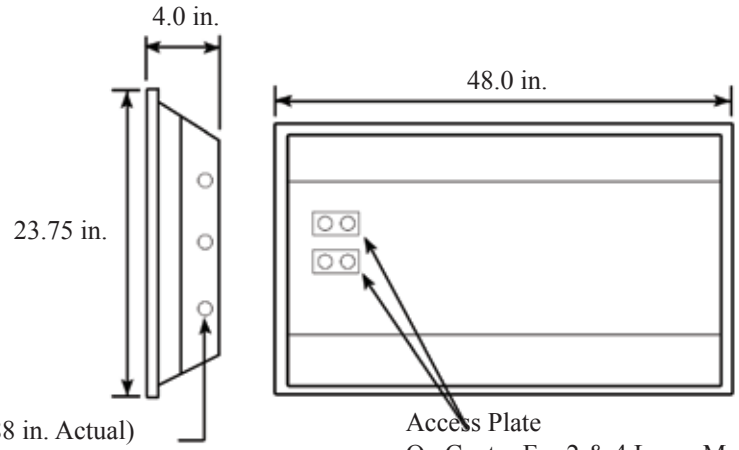

PHOTOMETRICS

Calculated using the zonal cavity method in accordance with IESNA LM41 procedure. Lamp configurations shown are typical. Photometric data on these and other configurations available upon request.

Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			131A232		Spacing ratio.	Along 1.2		Across 1.3
0	1.00	1.00	1.00	0.98	0.97	0.97	0.92	0.93	0.92
1	0.92	0.88	0.84	0.90	0.86	0.83	0.88	0.80	0.78
2	0.85	0.78	0.72	0.83	0.76	0.71	0.73	0.69	0.65
3	0.78	0.69	0.62	0.76	0.68	0.61	0.65	0.60	0.56
4	0.72	0.62	0.54	0.70	0.61	0.54	0.59	0.53	0.48
5	0.66	0.55	0.48	0.64	0.54	0.47	0.53	0.47	0.42
6	0.61	0.50	0.42	0.60	0.49	0.42	0.48	0.41	0.37
7	0.57	0.45	0.38	0.56	0.45	0.38	0.44	0.37	0.33
8	0.53	0.42	0.35	0.52	0.41	0.34	0.40	0.34	0.30
9	0.50	0.38	0.31	0.49	0.38	0.31	0.37	0.31	0.27
10	0.47	0.35	0.29	0.45	0.35	0.29	0.34	0.28	0.24

Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			131A332		Spacing ratio.	Along 1.2		Across 1.3
0	0.94	0.94	0.93	0.92	0.91	0.91	0.87	0.87	0.87
1	0.87	0.83	0.79	0.84	0.81	0.78	0.78	0.75	0.73
2	0.8	0.73	0.68	0.78	0.72	0.67	0.69	0.65	0.61
3	0.73	0.65	0.58	0.71	0.64	0.58	0.61	0.56	0.52
4	0.68	0.58	0.51	0.66	0.57	0.51	0.55	0.5	0.45
5	0.62	0.52	0.45	0.61	0.51	0.45	0.5	0.44	0.4
6	0.58	0.47	0.4	0.56	0.46	0.4	0.45	0.39	0.35
7	0.54	0.43	0.36	0.52	0.42	0.36	0.41	0.35	0.31
8	0.5	0.39	0.33	0.49	0.39	0.32	0.38	0.32	0.28
9	0.47	0.36	0.3	0.46	0.36	0.3	0.35	0.29	0.25
10	0.44	0.33	0.27	0.43	0.33	0.27	0.32	0.27	0.23

Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			131A432	Spacing ratio.		Along 1.2	Across 1..3	
0	0.95	0.94	0.94	0.93	0.92	0.92	0.88	0.88	0.87
1	0.87	0.83	0.8	0.85	0.82	0.78	0.78	0.76	0.73
2	0.8	0.74	0.68	0.78	0.72	0.67	0.69	0.65	0.62
3	0.74	0.65	0.59	0.72	0.64	0.58	0.62	0.57	0.53
4	0.68	0.59	0.52	0.66	0.57	0.51	0.56	0.5	0.46
5	0.63	0.52	0.45	0.61	0.52	0.45	0.5	0.44	0.4
6	0.58	0.47	0.4	0.56	0.47	0.4	0.45	0.39	0.35
7	0.54	0.43	0.36	0.53	0.42	0.36	0.41	0.35	0.31
8	0.51	0.4	0.33	0.49	0.39	0.33	0.38	0.32	0.28
9	0.47	0.36	0.3	0.46	0.36	0.3	0.35	0.29	0.25
10	0.44	0.33	0.27	0.43	0.33	0.27	0.32	0.27	0.23

Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			131A232M20		Spacing ratio.	Along 1.2		Across 1.2
0	1.04	1.03	1.02	1.01	1.01	1.00	0.96	0.96	0.95
1	0.96	0.92	0.88	0.93	0.90	0.86	0.86	0.83	0.81
2	0.88	0.81	0.76	0.86	0.80	0.74	0.77	0.72	0.69
3	0.81	0.72	0.66	0.79	0.71	0.65	0.69	0.63	0.59
4	0.75	0.65	0.58	0.73	0.64	0.57	0.62	0.56	0.52
5	0.70	0.59	0.51	0.68	0.58	0.51	0.56	0.50	0.45
6	0.65	0.53	0.46	0.63	0.52	0.45	0.51	0.45	0.40
7	0.60	0.49	0.41	0.59	0.48	0.41	0.47	0.40	0.36
8	0.56	0.45	0.38	0.55	0.44	0.37	0.43	0.37	0.33
9	0.53	0.41	0.34	0.52	0.41	0.34	0.40	0.34	0.29
10	0.49	0.38	0.31	0.48	0.38	0.31	0.37	0.31	0.27

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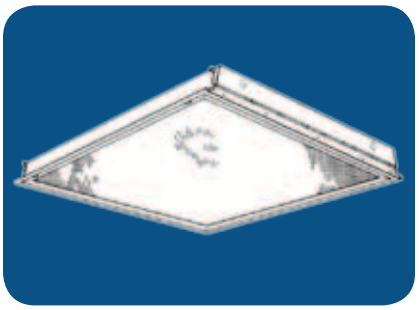

FEATURES & SPECIFICATIONS

HOUSING - 22 gauge die formed C.R.S.

DOOR FRAME – 22 gauge C.R.S. or .050” extruded aluminum, flat or regress, with mitered corners. T-slot steel hinge allows reversible hinging and latching

SHIELDING – #12 pattern, .125” acrylic overlay standard – other patterns and thicknesses available

FINISH – 92% minimum average reflective white powder coat with multi-stage iron/phosphate prepared metal

ELECTRICAL – Electronic ballast standard, instant start T8, programmed start T5, rated Class P

LABELS – UL/CUL listed as recessed fluorescent luminaire suitable for dry or damp locations

MOUNTING – NEMA Type “G” standard.

FEATURES:
- T-slot steel hinge ensures positive retention when door is opened
- 5.50” deep housing eliminates lens shadowing
- Deep reinforcement ribs provide added strength
- Rolled-edge channel adds superior strength
- All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion

ORDERING INFORMATION

Example: **131A12543248E120**

131	A125	4	32	48	E120	

Series
131
Lensed Static Troffer, Grid Mount

Lens Material [2]
A125 Prismatic Acrylic #12 Pattern 1/8”

Lamp Position
4, 6, or 8
Lamps Not included

Lamp Type [1]
32	48 in. T8
28	46 in. T5
54	46 in. T5HO

4x4 Size Code
(req’d on all item numbers)

48
The 12 size code must appear in all 4x4 items.

Ballast & Voltage [1]
E120		Electronic, 120V
E277		Electronic, 277V
MV		Electronic, Multivolt (120-277)
H120	**[4]**	Electronic, 120V, Hi-Lume
H277	**[4]**	Electronic, 277V, Hi-Lume
HMV	**[4]**	Electronic, Multivolt, Hi-Lume
L120	**[4]**	Electronic, 120V, Lo-Lume
L277	**[4]**	Electronic, 277V, Lo-Lume
LMV	**[4]**	Electronic, Multivolt, Lo-Lume
G120	**[5]**	Line Dimming, 120 Volt
G277	**[5]**	Line Dimming, 277 Volt
GMV	**[5]**	Line or 0-10V dimming, Multivolt

Options [1]
WP	6 ft. 3 wire 18 gauge whip
WP10	6 ft. 4 wire 18 gauge whip
EM	Emergency ballast, 500 lumens
EM14	Emergency ballast, 1400 lumens

EM14 ballast required for T5 & T5HO lamps

Notes
[1] See end of T02Grid for many additional lamps, ballasts, finishes, and options.
[2] Custom louvers available in any cell configuration. Contact factory for additional information.
[3] Custom reflectors available to create any light distribution.
[4] HiLume and LoLume ballasts available for T8 lamps only.
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[6] Magnetic ballasts availabe for T8 & T12 only.
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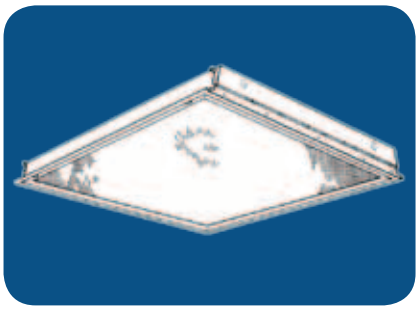

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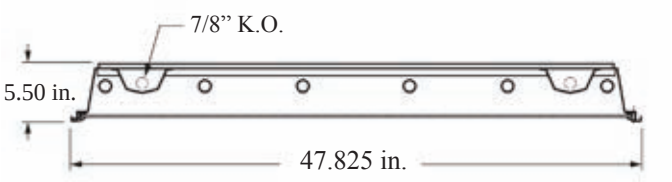

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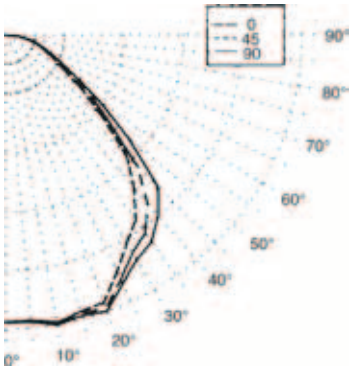
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			131A12543248		Spacing ratio. Along 1.2 Across 1..3			
0	1.05	1.05	1.05	1.03	1.03	1.03	.98	.98	.98
1	.97	.94	.91	.95	.92	.89	.88	.86	.84
2	.90	.84	.79	.88	.82	.78	.79	.75	.72
3	.83	.75	.69	.81	.74	.68	.71	.67	.62
4	.77	.68	.61	.75	.67	.60	.64	.59	.55
5	.71	.61	.53	.69	.60	.53	.58	.52	.47
6	.66	.55	.48	.64	.54	.47	.52	.46	.42
7	.61	.49	.42	.59	.49	.42	.47	.41	.37
8	.56	.44	.37	.54	.44	.37	.43	.36	.32
9	.51	.40	.33	.50	.39	.33	.38	.32	.28
10	.48	.36	.29	.47	.36	.29	.35	.29	.25



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