



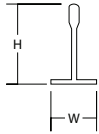
RECESSED GHL306



6" WIDE HINGE AND LATCH RECESSED TROFFER

| | |
|------|--|
| JOB | |
| TYPE | |
| DATE | |

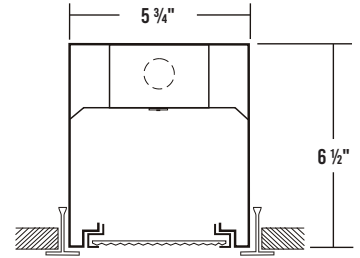
Grid-Mounted



| COMPATIBLE T-BAR GRIDS | |
|------------------------|--------|
| WIDTH | HEIGHT |
| 15/16" | 1 1/2" |



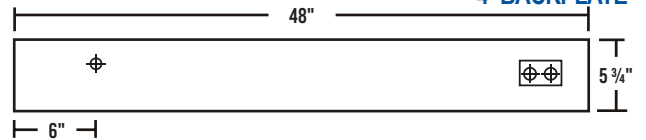
CROSS SECTION



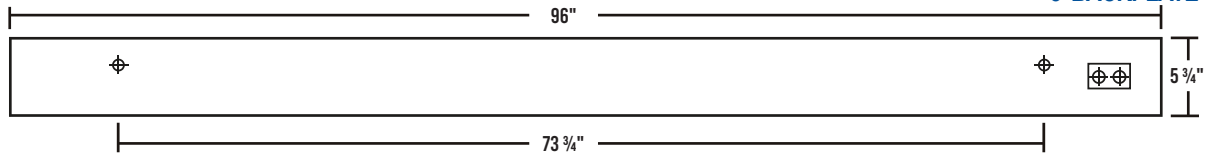
⊕ ⊕ Access Plate

⊕ 7/8" KO

4' BACKPLATE



8' BACKPLATE



SPECIFICATIONS

Construction

- 22 gauge cold-rolled steel housing
- 20 gauge cold rolled steel door frame secured by T-hinges and positive spring loaded latches
- One way polyurethane gasket

Finish

- Baked white polyester finish
- Minimum reflectance 86%
- Door frame painted after fabrication

Optical

- Clear prismatic acrylic lens

Electrical

- High-efficiency drivers coupled with long-life LEDs
- Service life tested at 148,000 hours (L70)
- Universal voltage 120V through 277V (347V / 480V available)
- Power Factor (PF) ≥ 0.9
- Total Harmonic Distortion (THD) ≤ 20%

Listing

- UL USA and Canada listed / suitable for damp locations

Warranty

- 5-Year limited warranty standard. 10-Year limited warranty also available

APPLICATIONS

- Offices, Schools, Commercial

FEATURES

- 0-10V dimming driver standard
- Supports California Title 24 compliance

OPTIONS

- Range of lumen packages and color temperatures
- Sensors and controls
- Lens options
- Painted after fabrication
- Tunable white (2700K – 6500K)
- Emergency battery pack
- 20 gauge housing
- Extruded aluminum door frame
- Neoprene gasket
- Customization available upon request



Los Angeles Lighting Mfg. Co.
 Contact Us
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 www.lalighting.com Made in the USA



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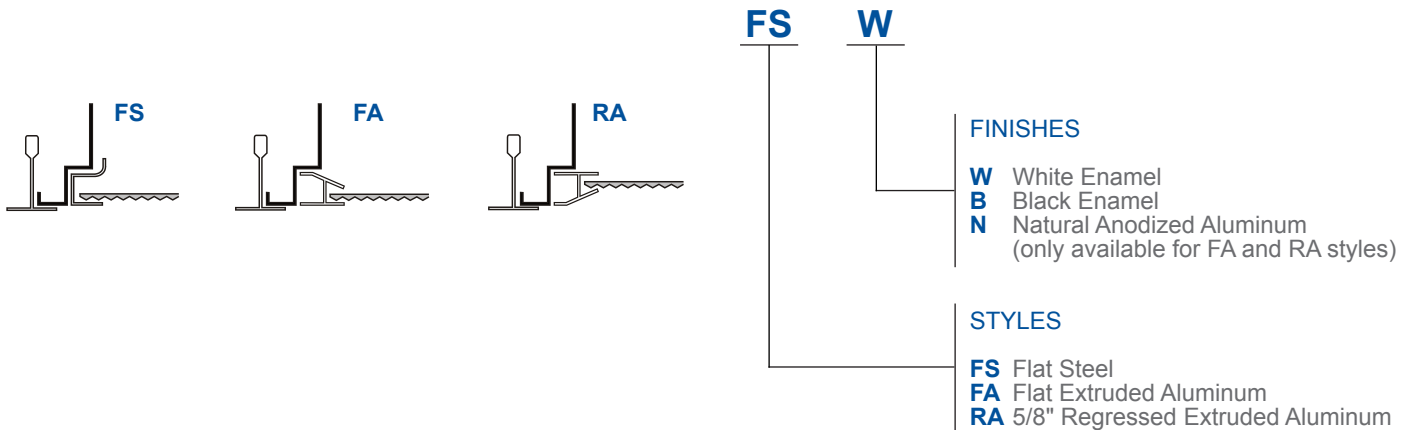


ORDERING INFORMATION: Additional Options Available. Visit www.lalighting.com/resources for more information

| EXAMPLE: GHL306-4-4L-FSW-PA-BPL1.5-DRDM-UNV-1/840 | | | | | | | | | | |
|---|--|----------------|---|--|--|--|---------------------------------------|---------------------------|---------------------------|---|
| SERIES | NOMINAL LED LUMENS | NOMINAL LENGTH | DOOR FRAME | OPTICAL | MECHANICAL | ELECTRICAL | DRIVER | VOLTAGE | # OF LED ROWS | CRI / CCT |
| GHL306 | | | | | | | DRDM | UNV | 1 | |
| GHL306 • 6" Wide Hinge and Latch Recessed Troffer | 2 - 2000 lm 4 - 4000 lm 6 - 6000 lm 8 - 8000 lm High Efficacy 2HE - 2000 lm 4HE - 4000 lm 6HE - 6000 lm 8HE - 8000 lm | 4L • 4' | FSW • Flat Steel White Enamel | PA • Clear Prismatic Acrylic PA2 • Clear Prismatic Acrylic 0.125" FPA2 • Frosted Prismatic Acrylic 0.125" FFWA • Flat Frosted White Acrylic | GSKNx • Neoprene Gasket *Leave blank for standard 1-way polyurethane gasket | BPL1.5 • 1500 lm emergency battery pack WLC(xx) • Wireless Control *Leave blank if not specified | DRDM • 0-10V Dimming Driver | UNV • 120V-277V | 1 • One LED Row | 827 • 80+CRI / 2700K 830 • 80+CRI / 3000K 835 • 80+CRI / 3500K 840 • 80+CRI / 4000K 850 • 80+CRI / 5000K 865 • 80+CRI / 6500K 8TW • 80+CRI Tunable White 2700K-6500K 90CRI Also available |
| | 4 - 4000 lm 8 - 8000 lm 12 - 12000 lm 16 - 16000 lm High Efficacy 4HE - 4000 lm 8HE - 8000 lm 12HE - 12000 lm 16HE - 16000 lm | 8L • 8' | | Standard options for GHL306 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit www.lalighting.com/resources or contact customer service. | | | | | | Contact customer service for additional CRI/CCT packages. |

DOOR FRAME

CROSS SECTION



OPTICAL OPTIONS

STANDARD LENSES FOR GHL306

- PA** Clear Prismatic Acrylic, No Thickness Specified, Female Prisms 3/16 Square Base
- PA2** Clear Prismatic Acrylic, Nom. 0.125" OA Thickness, Female Prisms 3/16 Square Base
- FFWA** Flat Frosted White Acrylic
- FPA2** Frosted Prismatic Acrylic, Nom. 0.125" OA Thickness, Female Prisms 3/16 Square Base



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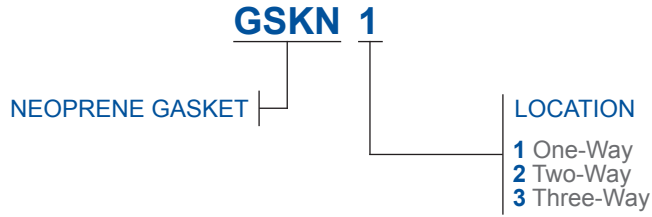
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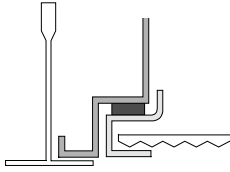
NEOPRENE GASKET

If Neoprene gasketing is not specified, standard 1-way polyurethane gasket will be used.



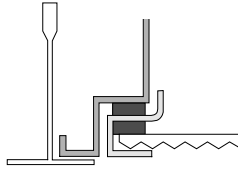
1-WAY

Gasket between housing and door frame.
Only for FS and FA style door frames.



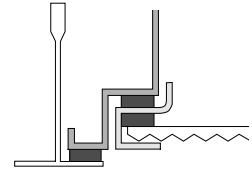
2-WAY

Additional gasket between door frame and lens.
Only for FS style door frames.



3-WAY

Additional gasket between housing and grid.
Only for FS style door frames.



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GHL306 LED 6" Wide Hinge and Latch Recessed Troffer

SYSTEM DATA: Additional Lumen Packages Available. Contact Customer Service for More Information

| Normal Temp | 4' | LED LUMEN PACKAGE | NORMAL AMBIENT TEMPERATURE PRODUCT CODE | DELIVERED LUMENS | SYSTEM WATTS | LUMINAIRE EFFICACY | AMBIENT TEMP. | FLUORESCENT EQUIVALENT | IES FILES |
|-------------|----|-----------------------|---|------------------|--------------|--------------------|----------------------------|------------------------|-----------|
| | | 2000 Lumens (Nominal) | GHL306-2-4L-FSW-PA-DRDM-UNV-1/840 | 1013 | 12.5 | 81.3 lm/W | -20°C / 35°C (-4°F / 95°F) | 1x F32T8 | * |
| | | 4000 Lumens (Nominal) | GHL306-4-4L-FSW-PA-DRDM-UNV-1/840 | 1989 | 25.5 | 77.9 lm/W | -20°C / 35°C (-4°F / 95°F) | 1x F54T5HO 2x F32T8 | * |
| | | 6000 Lumens (Nominal) | GHL306-6-4L-FSW-PA-DRDM-UNV-1/840 | 2936 | 39.1 | 75.2 lm/W | -20°C / 35°C (-4°F / 95°F) | 3x F32T8 | * |
| | | 8000 Lumens (Nominal) | GHL306-8-4L-FSW-PA-DRDM-UNV-1/840 | 3856 | 53.1 | 72.7 lm/W | -20°C / 35°C (-4°F / 95°F) | 2x F54T5HO 4x F32T8 | * |

| Normal Temp High Efficacy | 4' | LED LUMEN PACKAGE | NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE | DELIVERED LUMENS | SYSTEM WATTS | LUMINAIRE EFFICACY | AMBIENT TEMP. | FLUORESCENT EQUIVALENT | IES FILES |
|---------------------------|----|-----------------------|---|------------------|--------------|--------------------|----------------------------|------------------------|-----------|
| | | 2000 Lumens (Nominal) | GHL306-2HE-4L-FSW-PA-DRDM-UNV-1/840 | 1030 | 12.4 | 83.4 lm/W | -20°C / 35°C (-4°F / 95°F) | 1x F32T8 | * |
| | | 4000 Lumens (Nominal) | GHL306-4HE-4L-FSW-PA-DRDM-UNV-1/840 | 2027 | 24.9 | 81.3 lm/W | -20°C / 35°C (-4°F / 95°F) | 1x F54T5HO 2x F32T8 | * |
| | | 6000 Lumens (Nominal) | GHL306-6HE-4L-FSW-PA-DRDM-UNV-1/840 | 3009 | 37.8 | 79.7 lm/W | -20°C / 35°C (-4°F / 95°F) | 3x F32T8 | * |
| | | 8000 Lumens (Nominal) | GHL306-8HE-4L-FSW-PA-DRDM-UNV-1/840 | 3978 | 50.9 | 78.1 lm/W | -20°C / 35°C (-4°F / 95°F) | 1x F54T5HO 2x F32T8 | * |

| Normal Temp | 8' | LED LUMEN PACKAGE | NORMAL AMBIENT TEMPERATURE PRODUCT CODE | DELIVERED LUMENS | SYSTEM WATTS | LUMINAIRE EFFICACY | AMBIENT TEMP. | FLUORESCENT EQUIVALENT | IES FILES |
|-------------|----|------------------------|---|------------------|--------------|--------------------|----------------------------|------------------------|-----------|
| | | 4000 Lumens (Nominal) | GHL306-4-4L-FSW-PA-DRDM-UNV-1/840 | 2027 | 24.9 | 81.3 lm/W | -20°C / 35°C (-4°F / 95°F) | 2x F32T8 | * |
| | | 8000 Lumens (Nominal) | GHL306-8-4L-FSW-PA-DRDM-UNV-1/840 | 3978 | 50.9 | 78.1 lm/W | -20°C / 35°C (-4°F / 95°F) | 2x F54T5HO 4x F32T8 | * |
| | | 12000 Lumens (Nominal) | GHL306-12-4L-FSW-PA-DRDM-UNV-1/840 | 5873 | 78.0 | 75.3 lm/W | -20°C / 35°C (-4°F / 95°F) | 6x F32T8 2x F96T8HO | * |
| | | 16000 Lumens (Nominal) | GHL306-16-4L-FSW-PA-DRDM-UNV-1/840 | 7711 | 106.1 | 72.7 lm/W | -20°C / 35°C (-4°F / 95°F) | 4x F54T5HO 8x F32T8 | * |

| Normal Temp High Efficacy | 8' | LED LUMEN PACKAGE | NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE | DELIVERED LUMENS | SYSTEM WATTS | LUMINAIRE EFFICACY | AMBIENT TEMP. | FLUORESCENT EQUIVALENT | IES FILES |
|---------------------------|----|------------------------|---|------------------|--------------|--------------------|----------------------------|------------------------|-----------|
| | | 4000 Lumens (Nominal) | GHL306-4HE-4L-FSW-PA-DRDM-UNV-1/840 | 2059 | 24.6 | 83.8 lm/W | -20°C / 35°C (-4°F / 95°F) | 2x F32T8 | * |
| | | 8000 Lumens (Nominal) | GHL306-8HE-4L-FSW-PA-DRDM-UNV-1/840 | 3855 | 47.2 | 81.7 lm/W | -20°C / 35°C (-4°F / 95°F) | 2x F54T5HO 4x F32T8 | * |
| | | 12000 Lumens (Nominal) | GHL306-12HE-4L-FSW-PA-DRDM-UNV-1/840 | 5823 | 72.8 | 80.0 lm/W | -20°C / 35°C (-4°F / 95°F) | 6x F32T8 2x F96T8HO | * |
| | | 16000 Lumens (Nominal) | GHL306-16HE-4L-FSW-PA-DRDM-UNV-1/840 | 7763 | 99.1 | 78.4 lm/W | -20°C / 35°C (-4°F / 95°F) | 2x F54T5HO 4x F32T8 | * |

NOTE:
System data as of 10/15/24 (K-Boards).
Luminaire efficiency: 47.5%
Subject to change without notice.

System data is based on 120V input voltage. Actual performance may differ as a result of end-user environment and application. This fixture has been tested and listed in accordance with UL Standards. L.A. Lighting certifies that it will operate safely when installed properly, and within an ambient temperature range noted in the system data table.

Additional lumen packages and color temperatures available.



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