



RECESSED FPA610 (1X4)

LED RECESSED TRIM FLANGED LUMINAIRE



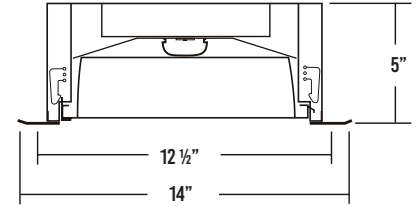
| | |
|------|--|
| JOB | |
| TYPE | |
| DATE | |

Recessed Trim Flanged Luminaire

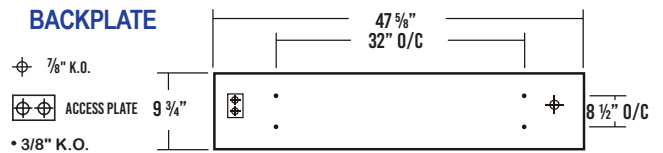


Overall dimensions including flange: 14" x 50"
Required ceiling opening: 12 1/2" x 48 1/2"

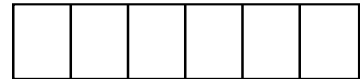
CROSS SECTION



BACKPLATE



S6 LOUVER CONFIGURATION (1 ROW, 6 CELLS)



SPECIFICATIONS

Construction

- 22 gauge cold-rolled steel housing
- 18 gauge one-piece welded trim flange
- Louvers secured to housing by T-hinges and latches
- One-way polyurethane gasket between housing and louver

Finish

- Baked white polyester finish
- Minimum reflectance 86%
- Trim flange: baked white powder coated finish
- Parabolic louvers: Semi-Specular low iridescent aluminum finish

Optical

- Nominal 3" deep aluminum parabolic louvers
- Frosted acrylic lens covering the LED Row

Electrical

- High-efficiency drivers coupled with long-life LEDs
- Service life tested at 50,000 hours (L70)
- Universal voltage 120V through 277V (347V / 480V available)
- Power Factor (PF) ≥ 0.9
- Total Harmonic Distortion (THD) $\leq 20\%$

Listing

- UL USA and Canada listed / suitable for damp locations

Warranty

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

APPLICATIONS

- Commercial, Office

FEATURES

- 0-10V Dimming Driver Standard
- Supports California Title 24 Compliance

OPTIONS

- Customization available upon request
- Wireless Control Options
- White louvers (other colors also available)
- Emergency Battery Pack
- Tunable white
- 20 gauge cold rolled steel housing
- Custom colors
- Hanger yokes



Los Angeles Lighting Mfg. Co.
Contact Us
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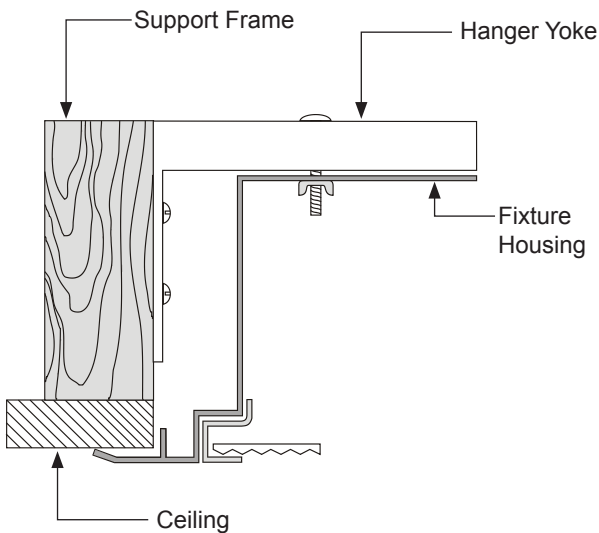
ORDERING INFORMATION: Additional Options Available. Visit www.lalighting.com/resources for more information

| EXAMPLE: FPA610-2-4L-S6-DRDM-UNV-3/840 | | | | | | | | | |
|--|---|------------------------|--|--|--|---------------------------------------|---|---------------------------|--|
| SERIES | NOMINAL LED LUMENS | NOMINAL LENGTH | MATERIAL / FINISH | LOUVER CONFIGURATION | ELECTRICAL | DRIVER | VOLTAGE | # OF LED ROWS | CRI / CCT |
| FPA610 | | 4L | | S6 | | DRDM | UNV | 1 | |
| FPA610 • Recessed Parabolic Troffer for Hard Ceilings High Efficacy 2HE - 2000lm 4HE - 4000lm 6HE - 6000lm Contact customer service for additional lumen packages | 2 - 2000lm 4 - 4000lm 6 - 6000lm 8 - 8000lm High Efficacy 2HE - 2000lm 4HE - 4000lm 6HE - 6000lm Contact customer service for additional lumen packages | 4L • 1' x 4' | 20G • 20 Gauge Cold-Rolled Steel Housing <i>Leave blank for standard 22 gauge cold-rolled steel housing</i> | S6 • Semi-Specular Low Iridescent Aluminum; 1 Row of 6 Cells <i>White and other louver colors also available. Contact Customer Service.</i> | BPL1.5 • 1500 lm Emergency Battery Pack WLC(LED RU) • EnOcean Wireless Control *Leave blank if not specified | DRDM • 0-10V Dimming Driver | UNV • 120V-277V 120V • 120 Volt 277V • 277 Volt 347V • 347 Volt 480V • 480 Volt | 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 Contact customer service for additional CRI/CCT packages, including 90 CRI |
| Standard options for FPA610 shown above. For additional options, including lumen packages, controls, lenses, switches, finishes, and more, visit www.lalighting.com/resources or contact customer service. | | | | | | | | | |

MOUNTING HARDWARE

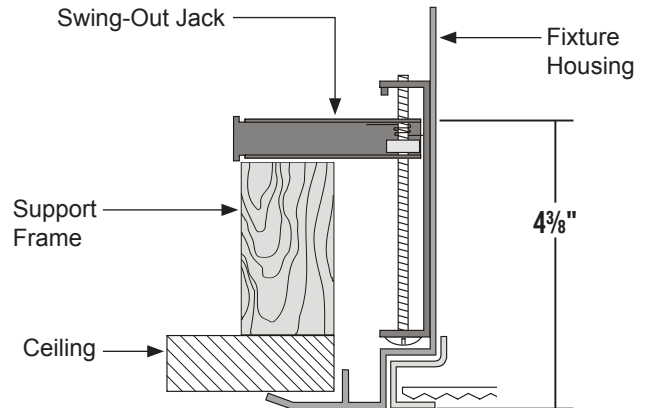
HANGER YOKES: HS-12 1/2

- Used to secure recessed flanged fixtures to support frame in hard ceilings
- Provided screws secure hanger yoke to fixture through knockouts in top of housing
- Two hanger yokes required for each 4' fixture.



SWING-OUT JACKS: SOJ

- Spring-loaded adjustable mounting brackets used to secure recessed flanged fixtures to support frame in hard ceilings
- Four swing-out jacks per set; 1 set required per fixture



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

| Normal Ambient Temperature | 4' - LED LUMEN PACKAGE | NORMAL AMBIENT TEMPERATURE PRODUCT CODE | DELIVERED LUMENS | SYSTEM WATTS | LUMINAIRE EFFICACY | AMBIENT TEMP. | FLUORESCENT EQUIVALENT | IES FILES |
|----------------------------|------------------------|---|------------------|--------------|--------------------|----------------------------|------------------------|-----------------------------|
| | 2000 Lumens (Nominal) | FPA610-2-4L-S6-DRDM-UNV-1/840 | 1531 | 13.4 | 114.2 lm/W | -20°C / 35°C (-4°F / 95°F) | 1-F32T8 | * |
| | 4000 Lumens (Nominal) | FPA610-4-4L-S6-DRDM-UNV-1/840 | 3007 | 26.7 | 112.6 lm/W | -20°C / 35°C (-4°F / 95°F) | 1-F54T5HO, 2-F32T8 | LA-T3925b-1 |
| | 6000 Lumens (Nominal) | FPA610-6-4L-S6-DRDM-UNV-1/840 | 4683 | 43.7 | 107.2 lm/W | -20°C / 35°C (-4°F / 95°F) | 3-F32T8 | * |
| | 8000 Lumens (Nominal) | FPA610-8-4L-S6-DRDM-UNV-1/840 | 6095 | 50.9 | 119.9 lm/W | -20°C / 35°C (-4°F / 95°F) | 2-F54T5HO, 4-F32T8 | * |

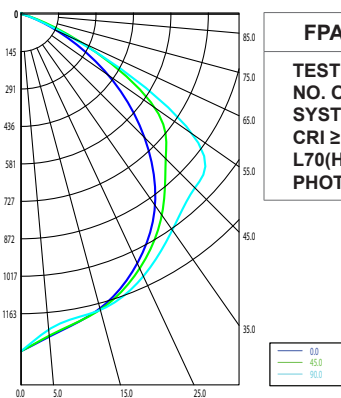
| Normal Ambient Temp High Efficacy | 4' - LED LUMEN PACKAGE | NORMAL AMBIENT TEMPERATURE (HIGH EFFICACY) PRODUCT CODE | DELIVERED LUMENS | SYSTEM WATTS | LUMINAIRE EFFICACY | AMBIENT TEMP. | FLUORESCENT EQUIVALENT | IES FILES |
|-----------------------------------|------------------------|---|------------------|--------------|--------------------|----------------------------|------------------------|-----------|
| | 2000 Lumens (Nominal) | FPA610-2HE-4L-S6-DRDM-UNV-1/840 | 1656 | 13.5 | 122.3 lm/W | -20°C / 35°C (-4°F / 95°F) | 1-F32T8 | * |
| | 4000 Lumens (Nominal) | FPA610-4HE-4L-S6-DRDM-UNV-1/840 | 2944 | 23.5 | 125.5 lm/W | -20°C / 35°C (-4°F / 95°F) | 1-F54T5HO, 2-F32T8 | * |
| | 6000 Lumens (Nominal) | FPA610-6HE-4L-S6-DRDM-UNV-1/840 | 4733 | 38.4 | 123.3 lm/W | -20°C / 35°C (-4°F / 95°F) | 3-F32T8 | * |

NOTE:
System data as of 11/01/23.
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.

PHOTOMETRIC DATA



FPA610-4-4L-S6-DRDM-UNV-1/840
TEST NO. = LA-T3925b-1
NO. OF LED ROWS = 1
SYSTEM WATT (W) = 26.7
CRI ≥ 80
L70(Hrs.) ≥ 50,000
PHOTOMETRY TYPE = C

| ZONAL LUMEN SUMMARY | | | |
|---------------------|--------|--------|-----------|
| DEGREES | LUMENS | % LAMP | % FIXTURE |
| 0-30 | 961 | 24 | 32 |
| 0-40 | 1563 | 38 | 52 |
| 0-60 | 2745 | 67 | 91 |
| 0-90 | 2989 | 73 | 99 |
| 90-120 | 5 | 0 | 0 |
| 90-150 | 15 | 0 | 0 |
| 90-180 | 18 | 0 | 1 |
| 0-180 | 3007 | 74 | 100.0 |

| SPACING CRITERION | |
|-------------------|--------|
| ALONG | ACROSS |
| 1.13 | 1.23 |

Luminaire Output = 3007 lumens
 Luminaire Efficacy = 112.6 lm/W
 Luminaire Efficiency = 73.6%



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