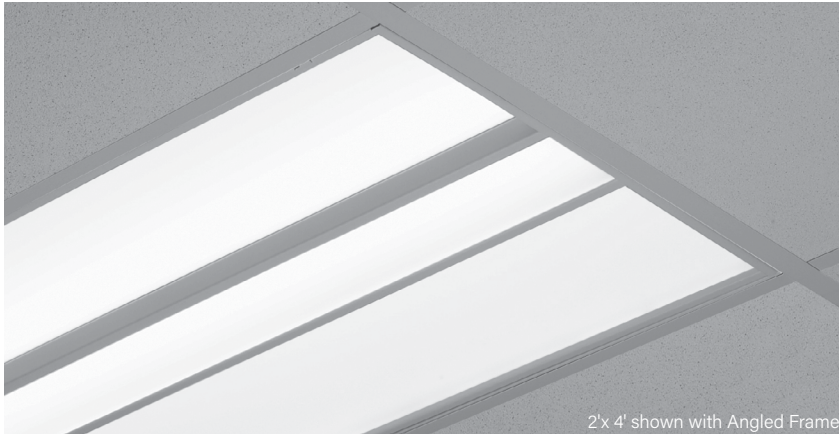


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| Submitted by: | | Date: |
| Type: | Project: | |
| Ordering Info: | | |

High Performance Recessed HPR LED

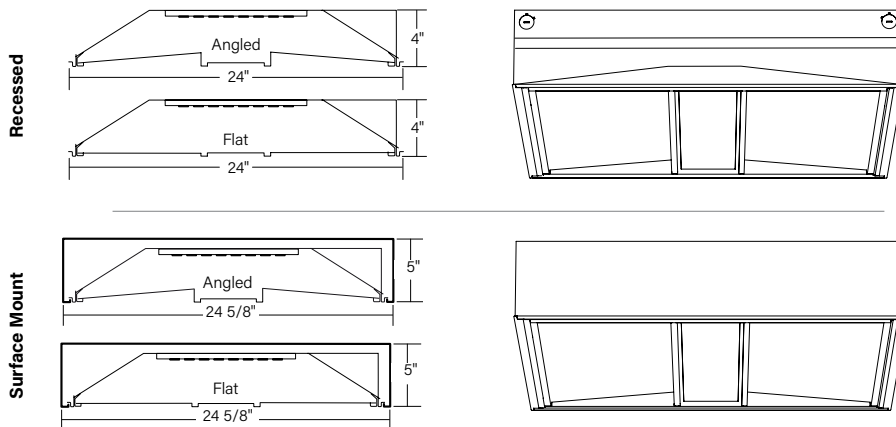


2'x 4' shown with Angled Frame

HPR LED is a recessed luminaire delivering excellent visual comfort and outstanding performance. Options such as the Surface Mount to fit your specific aesthetic needs. The Air Return option effectively removes air from the space with little change to luminaire aesthetic. Advanced optical design make this luminaire a powerful solution for low-ceiling applications. This Product is enrolled in the International Living Future Institute (ILFI) Declare 2.0 Program and is third-party verified with options achieving **Red List Approved** and **Red List Declared** status.

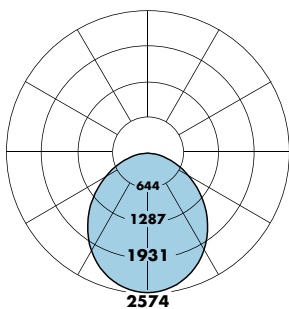
96 Low Gloss White is standard finish

CROSS SECTIONS See page 7 for all cross sections.



2x2 VERY HIGH OUTPUT PACKAGE

See page 8 & 9 for more output packages.



HPR LED-A-2x2-DCO-V
Efficacy: 127 lm/W
Total luminaire output: 6979 lumens
 55.1 watts
 CRI: 80 / CCT: 3500K
 ITL LM79 Report 85145

SERVICEABLE FROM BELOW



The replaceable light engine and driver are easy to access from below the ceiling.



Declare.



| | | |
|----------------|----------|-------|
| Submitted by: | | Date: |
| Type: | Project: | |
| Ordering Info: | | |

High Performance Recessed HPR LED

Ordering Guide Example: HPR LED - A - 2x2 - S - 835 - DCO - 96LG - 120 - SC - FC-10% - DW - 96LG - EM/GEN - OBD - CP

| BODY TYPE | | OUTPUT and LED TYPE | | |
|-------------------------------------|--------------------------|---------------------|-----------------------------|---------------------------------|
| Platform Series Name | Door Style - LED | Size | Light Output (page 8 & 9) | LED CRI/CCT |
| HPR LED - High Performance Recessed | A - Angled | 1x1 ¹ | S - Standard | 830 - 80 CRI min, 3000K |
| | ANR - Angled Narrow Rail | 1x2 ² | B - Boosted | 835 - 80 CRI min, 3500K |
| | F - Flat | 1x4 ³ | H - High | 840 - 80 CRI min, 4000K |
| | CS - Curved Slotted | 2x2 ⁴ | V - Very High | 930 - 90 CRI min, 3000K |
| | DD - Double Diffuse | 2x4 | TL - Tailored: _____ lm/ft* | 935 - 90 CRI min, 3500K |
| | WAV - Wave | | | 940 - 90 CRI min, 4000K |
| | | | | 8TW - 80 CRI min, Tunable White |
| | | | | 9TW - 90 CRI min, Tunable White |

Center Optic

- DCO - Diffuse Center
- SCO - Slotted Center
- RCO - Round Center

Only available with Angled (A), Angled Narrow Rail (ANR) and Flat (F) door style.

Note: HPR 2x2 Very High Output is 5-year warranty.
* Specify lm/ft of outputs between Standard (S) and Very High (V). Consult factory for tailored lumen output outside of this range.
See page 8 for lumen adjustment calculation

| MECHANICAL | ELECTRICAL FEATURES | | MOUNTING TYPE | OTHER OPTIONS | |
|---------------------------|-------------------------------|--|---|--|--|
| Reflector System | Voltage | Driver Selection ⁶ | Ceiling Type | Finish | |
| 96LG - 96 Low Gloss White | 120 - 120 Voltage | 0-10V Driver Options FC-10% - 0-10V 10% (standard) FC-1% - 0-10V 1% OTi-10% - EldoLED OTi, 0-10V 10% ⁷ OTi-1% - EldoLED OTi, 0-10V 1% ⁷ ELD-10V-0% - EldoLED SOLOdrive, 0-10V 0.1% 10V-TW-10% - EldoLED OTi, 0-10V 10% (Tunable White) ⁷ DALI Driver Options FC-DALI-1% - DALI 1% DXL-DALI-1% - EldoLED Dexal, 1% ELD-DALI-0% - EldoLED SOLOdrive, 0.1% ELD-DALI-TW - EldoLED DUALdrive LightShape, 0.1% (Tunable White) | DMX Driver Options ELD-DMX - EldoLED POWERdrive, 0.1% ELD-DMX-TW - EldoLED POWERdrive, 0.1% (Tunable White) Lutron Driver Options LUT-ES1 - Lutron, Ecosystem 1% LUT-TW - Lutron LD2 Dali-2 1% (Tunable White) | C1 - 15/16" T-Bar C2 - 9/16" T-Bar C3 - Screw Slot DW - Drywall Kit SM - Surface Mount | 96LG - 96 Low Gloss White Contact factory optional Anti-microbial paint |
| | 277 - 277 Voltage | | | | |
| | Circuiting⁵ | | | | |
| | SC - Single Circuit | | | | |

See Page 3 for additional driver options and details

| OTHER OPTIONS | | | |
|--|--|---|---|
| Emergency Style (Optional) <small>See page 3 Backup Battery table</small> | Integrated Sensor ^{8,9} (Optional) | Special Options (Optional) | Air Return (Optional) |
| LGD18W - Legrand 18W Brand Battery Back-up LGD10W - Legrand 10W Brand Battery Back-up BSL722 - Bodine Battery Back up BSL310LP - Bodine Battery Back up Low Profile EM/GEN - Emergency to Generator NL - Night Light GTD - Generator Transfer Device ALCR - Automatic Load Control Relay <small>See Backup Battery table on page 3 for fitment limitations</small> | OBO - Occupancy OBD - Daylight W601 - Wattstopper Sensor ¹⁰ OBE - Enlighted Sensor ¹¹ REE - Remote Enlighted CLM-99 - Encelium RF SLM-99 - Encelium Sensor | AOCC-W - Lutron Athena Sensor ¹² (Device Color White) AOCC-B - Lutron Athena Sensor ¹² (Device Color Black) ARF-W - Lutron Athena RF ¹² (Device Color White) ARF-B - Lutron Athena RF ¹² (Device Color Black) VOCC - Lutron Vive Sensor ¹³ VRF - Lutron Vive RF ¹³ | CP - Chicago Plenum RLA - Red List Approved RLD - Red List Declared AR - Air Return ¹ <small>Available for 1x4, 2x2 and 2x4 only</small> |
| | Not available for 1x1 | | |

¹ Not available with Angled Narrow Rail (ANR), Curved Slotted (CS), Wave (WAV)
² Not available with Curved Slotted (CS) and Wave (WAV)
³ Not available with Wave (WAV)
⁴ 2x2 Very High Output (V) come with 5-year performance-based warranty with all standard components
⁵ Contact Factory for switching options
⁶ Contact factory for compatible driver options not listed above
⁷ Add DTO to gain "Dim to Off" functionality (FC-10% - DTO, FC-1% - DTO)

⁸ HPR 1x1 cannot have sensor.
⁹ Double Diffuser is custom for Integrated Sensor.
¹⁰ LMFS-601 w/ 0-10V driver(s) and LMFI-111, up to 6 drivers may be connected. LMFS-601 w/ DALI driver, only driver can be connected.
¹¹ Enlighted components installed by Finelite, provided by others
¹² 0-10V Drivers - AOCC up to 10 drivers may be connected; ARF up to 40 drivers may be connected
 DALI Drivers - AOCC & ARF up to 4 drivers can be connected.
¹³ Lutron Vive Integrated Sensors require a DALI driver

Continued

| | | |
|----------------|----------|-------|
| Submitted by: | | Date: |
| Type: | Project: | |
| Ordering Info: | | |

High Performance Recessed HPR LED

SUPPLEMENTARY DRIVER PAGE

0-10V Driver Options

| | |
|-----------------------|---|
| FC-10% | Factory Choice, 0-10V 10% Dimming (Linear) |
| FC-10%-DTO | Factory Choice, 0-10V 10% Dimming, Dim-to-Off (Linear) |
| FC-1% | Factory Choice, 0-10V 1% Dimming (Linear) |
| FC-1%-DTO | Factory Choice, 0-10V 1% Dimming, Dim-to-Off (Linear) |
| ELD-10V-0% | EldoLED SOLOdrive, 0-10V 0.1% Dimming (Linear) |
| ELD-10V-1% | EldoLED ECOdrive, 0-10V 1% Dimming (Linear) |
| 10V-TW-10% | EldoLED OTi, 0-10V 10% Dimming, Tunable White (Linear) |
| 10V-TW-10%-DTO | EldoLED OTi, 0-10V 10% Dimming, Dim-to-Off, Tunable White (Linear) |
| OTi-10% | EldoLED OTi, 0-10V 10% Dimming (Linear) |
| OTi-10%-DTO | EldoLED OTi, 0-10V 10% Dimming, Dim-to-Off (Linear) |
| OTi-1% | EldoLED OTi, 0-10V 1% Dimming (Linear) |
| OTi-1%-DTO | EldoLED OTi, 0-10V 1% Dimming, Dim-to-Off (Linear) |

DALI Driver Options

| | |
|--------------------|--|
| FC-DALI-1% | Factory Choice, DALI 1% Dimming (Logarithmic) |
| DXL-DALI-1% | EldoLED Dexal, DALI 1% Dimming (Logarithmic) |
| ELD-DALI-0% | EldoLED SOLOdrive, DALI 0.1% Dimming (Logarithmic) |
| ELD-DALI-1% | EldoLED ECOdrive, DALI 1% Dimming (Logarithmic) |
| ELD-DALI-TW | EldoLED DUALdrive Light Shape, DALI 1% Dimming, Tunable White (Logarithmic Dimming, Linear CCT Control) |

DMX Driver Options

| | |
|----------------------|---|
| ELD-DMX | EldoLED POWERdrive, DMX 0.1% Dimming (8 Bit, 1CH) (Linear) |
| ELD-DMX-16 | EldoLED POWERdrive, DMX 0.1% Dimming (16 Bit, 2CH) (Linear) |
| ELD-DMX-TW | EldoLED POWERdrive, DMX 0.1% Dimming, Tunable White (8 Bit, 2CH - CH1 Warm / CH2 Cool) |
| ELD-DMX-TW-16 | EldoLED POWERdrive, DMX 0.1% Dimming, Tunable White (16 Bit, 4CH - CH1, 2 Warm / CH3, 4 Cool) |

Lutron Driver Options

| | |
|----------------|--|
| LUT-ES1 | Lutron, Ecosystem 1% Dimming |
| LUT-TW | Lutron LD2 Dali-2 1%, Tunable White |

| | | |
|----------------|----------|-------|
| Submitted by: | | Date: |
| Type: | Project: | |
| Ordering Info: | | |

High Performance Recessed HPR LED

SPECIFICATIONS

BODY TYPE

CONSTRUCTION: Die-formed cold-rolled steel housing. All components are hard-tooled to tolerances of +/- 0.010". UV stabilized weather-strip pile gasket with polypropylene backing. Hinged door frame assembly provides easy access to light arrays and driver compartment for servicing from below. Seismic brackets are integrated into the luminaire assembly.

AIR RETURN: Available with Angled (A) and Flat (F) luminaire style only. 1x4, 2x2, and 2x4 only.

ARRAY TYPE

LIGHT OUTPUT: Four lumen packages available, Standard (S), Boosted Standard (B), High (H) and Very High (V). A separate chart summarizes lumen distribution and wattage. Light engines are replaceable.

MECHANICAL FEATURES

OPTICAL SYSTEM: Components include diffuser panels and a central optic element held in place with a frame constructed from die-formed cold-rolled steel. The diffusers are UV-stabilized and impact-resistant frosted virgin acrylic, approximately 1/8" thick. They are either angled toward the central optic or parallel to the ceiling plane. The standard center rails are approximately 9/16" wide. Optional narrow rails are approximately 5/16" wide.

DOOR STYLE: *Curved Slotted (CS)*^{1,2} includes perforated rails that slope inward and a diffuse frosted acrylic center optic. Not available for Air Return.

*Double Diffuse (DD)*¹: Visible diffuser. UV-stabilized and impact-resistant frosted virgin acrylic, 3/25" thick. Inner diffuser: 3/25" thick with 60% round perforations white/white. Not available for Air Return.

CENTER OPTIC OPTIONS: Only available with Angled (A), Angled Narrow Rail (ANR)¹, and Flat (F) door styles.

*Diffuse Center Optic (DCO)*³: UV-stabilized and impact-resistant frosted virgin acrylic.

*Slotted Center Optic (SCO)*³: Die-formed cold-rolled steel panel with a 1/16" x 1/2" rectangular hole pattern. Virgin acrylic overlay.

*Round Center Optic (RCO)*³: Die-formed cold-rolled steel panel with precision-punched 3/32" round hole pattern arranged.

LUMEN MAINTENANCE: 90% of initial light output (L90) at 100,000+ hours; 70% of initial light output (L70) at 200,000+ hours.

REFLECTORS: Die-formed 20-gauge cold-rolled steel reflectors are finished in 96LG high reflectance matte white powder coat paint.

ELECTRICAL FEATURES

STATIC FEED: Optional whips (with flex connectors) supplied in a maximum of 11' lengths. Lead Wires.

Backup Battery

| | Legrand 18W | Legrand 10W/ Bodine BSL310LP |
|--|-------------|---------------------------------|
| HPR 1x1 - Bodine BSL722 Available | | |
| HPR 1x4 | | |
| Angle | 1958 | 1165 |
| Flat | 1993 | 1186 |
| Angled Narrow Rail | 1928 | 1148 |
| Flat with Double Diffuse | 1746 | 1039 |
| HPR 2x2 | | |
| Angle | 2184 | 1300 |
| Flat | 2145 | 1277 |
| Angled Narrow Rail | 2069 | 1232 |
| Flat with Double Diffuse | 1718 | 1023 |
| Wave | 2191 | 1304 |
| HPR 2x4 | | |
| Angle | 2326 | 1385 |
| Flat | 2326 | 1385 |
| Angled Narrow Rail | 2269 | 1351 |
| Flat with Double Diffuse | 1897 | 1129 |
| Wave | 2356 | 1402 |

* Minimum fixture housing length for battery pack approved without sensor
The lumens are based on 835. For other CCT/CRI, refer to the Lumen Adjustment Factor table on page 9.

TUNABLE WHITE FEED: Standard with one 18-gauge/5-conductor single-circuit feed. 14-gauge feed used when fixture current exceeds 5 amps.

LUTRON DRIVER OPTIONS:

LUT-ES1 - Hi-lume 1% EcoSystem with Soft-On, Fade to Black dimming (LDE1 series); Contact factory for availability of discontinued Lutron drivers.

TUNABLE WHITE DRIVER: Replaceable LED driver. Driver is accessible from below the ceiling. 120V/277V.

- **Power Factor:** ≥ 0.9
- **Total Harmonic Distortion (THD):** <20%
- **Dimming Range:** 100 - 1%
- **Expected driver lifetime:** 100,000 hours

LUTRON TUNABLE WHITE DRIVER OPTION:

LUT-TW - Lutron LD2 Dali-2 1%, Tunable White.

MOUNTING TYPE

SURFACE MOUNT: Luminaire is compatible with recessed junction boxes. Electrical connections can be made directly to wiring access plat. Junction boxes can also be placed between mounting bars. Maximum center of feed location from luminaire center is 8 3/4" along the dimension parallel to the mounting bars, and 14" along dimension perpendicular to the mounting bars.

Continued

Page 4

¹ Angled Narrow Rail, Curved Slotted and Double Diffuse not available with Air Return
³ Available with Angled (A), Angled Narrow Rail (ANR), and Flat (F) door options

| | | |
|----------------|----------|-------|
| Submitted by: | | Date: |
| Type: | Project: | |
| Ordering Info: | | |

High Performance Recessed HPR LED

SPECIFICATIONS

RECESSED: Standard flange design works with most lay-in ceiling types. Integral pry-out tabs secure the luminaire to the ceiling grid from above. Tie-in locations for tie-wire on all corners. Consult local code for appropriate tie-wire recommendations. Drywall Kit available.

EMERGENCY STYLE: Factory-choice low-profile backup battery available. Backup batteries deliver 1600 lumens. One half of the 1'x4' & 2'x2', and a quarter of 2'x4' will be illuminated in emergency mode.

TUNABLE WHITE EMERGENCY STYLE:

- Emergency Option **DALI:** Battery backup, emergency-to-generator/ Inverter wiring
- Emergency Option **LUTRON:** Battery backup, emergency-to-generator/inverter wiring

INTEGRATED SENSORS: Integrated PIR (Passive Infrared) Occupancy (**OBO**) or Daylight Sensors (**OBD**). PIR sensors not recommended for stairwell applications. Refer to Occupancy Sensor & Daylight Sensor tech sheet and the Embedded Intelligence landing page for more information and additional sensor options. Sensors not available for Air Return luminaires. For Double Diffuse see factory for sensor option.

AIR RETURN: Luminaire tested in accordance with ADC1062 and ASHRAE 70. Air Return slots positioned on the center optic. Diffuse Center Optic (**DCO**) is placed above the air return slots. Other center optics are positioned below the air return slots.

FINISHES: Housing and door assembly painted with 96 LG high reflectance matte white powder coat paint. Post paint. Optional adder: Anti-microbial paint. Contact factory.

LABELS: Luminaire and electrical components are ETL listed conforming to UL 1598 in the U.S.A. and CAN/CSA C22.2 No. 250.0 in Canada. In accordance with NEC Code 410.130 (G), this luminaire contains an internal driver disconnect. UL 924 and UL 2108 PoE options available on request. EPA Est. No. 99530-CA-2. These fixtures are rated for Damp Location. IC-rated, and Chicago Plenum options available. Finelite products use electronic components that are RoHS compliant, and the mechanical components of the luminaire have been verified to not knowingly contain any restricted substances listed per RoHS Directive 2015/863. Consult factory for tailored lighting options. Finelite makes the specification process easy when putting healthier products on your projects. Simply add - **RLA** (Red List Approved) or - **RLD** (Red List Declared) to your part number.

WEIGHT:

- 1'x1': 10 lbs maximum.
- 1'x2': 12 lbs maximum.
- 1'x4': 25 lbs maximum.
- 2'x2': 16 lbs maximum.
- 2'x4': 33 lbs maximum.

WARRANTY: 10-year performance-based warranty on Standard (**S**), Boosted Standard (**B**), High Output (**H**), and Very High Output (**V**) with all standard components. Exception: HPR 2'x2' Very High Output (**V**) will carry a 5-year performance based warranty.

Optional accessories such as emergency battery packs are covered by their individual manufacturer warranties are covered by their individual manufacturer warranties.

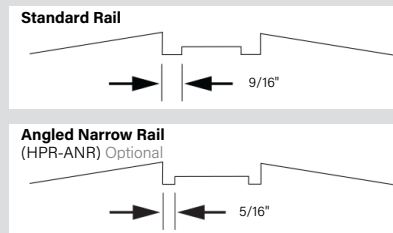
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|----------------|----------|-------|
| Submitted by: | | Date: |
| Type: | Project: | |
| Ordering Info: | | |

High Performance Recessed HPR LED

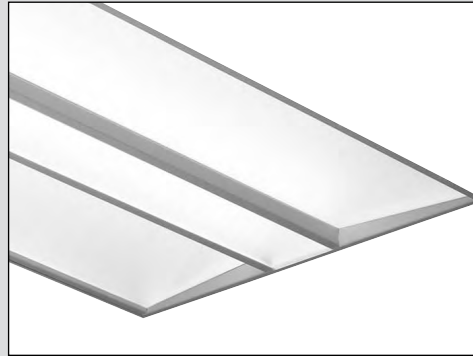
OPTIONS

NARROW RAIL OPTIONS

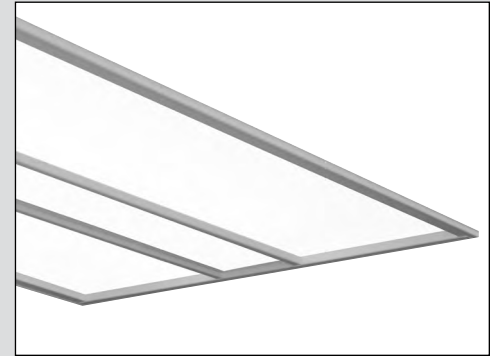
The available angled door style with the same center optic choices. The optional narrow rails are approximately 5/16" wide. The standard center rails are approximately 9/16" wide.



DOOR STYLES



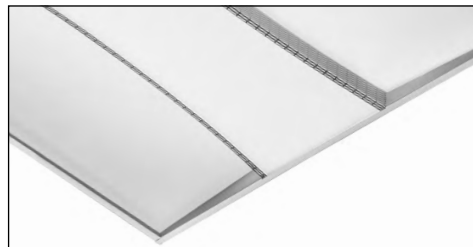
Angled (A) / Angled Narrow Rail (ANR)



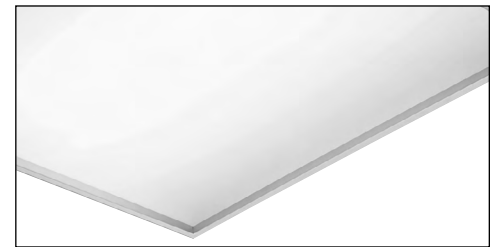
Flat (F)



Wave (WAV)

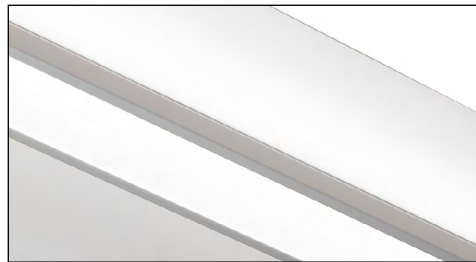


Curved Slotted (CS) ¹

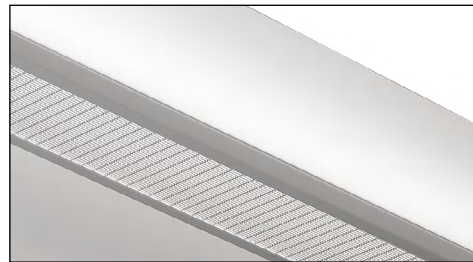


Double Diffuse (DD)

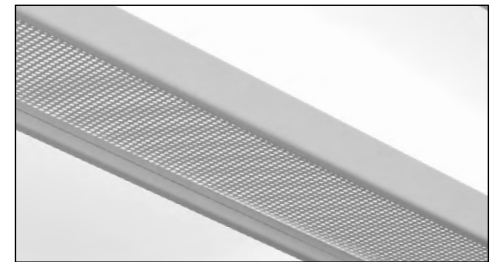
CENTER OPTICS ²



Diffuse Center (DCO)



Slotted Center (SCO)



Round Center (RCO)

| OPTION AVAILABILITIES | 1x1 | 1x2 | 1x4 | 2x2 | 2x4 |
|---------------------------------|-----|-----|-----|-----|-----|
| Angled (A) | X | X | X | X | X |
| Flat (F) | X | X | X | X | X |
| Angled Narrow Rail (ANR) | | X | X | X | X |
| Double Diffuse (DD) | X | X | X | X | X |
| Wave (WAV) | | | | X | X |
| Curved Slotted (CS) | | | | X | X |
| Air Return (AR) | | | X | X | X |
| Integrated Sensors ³ | | X | X | X | X |

¹ Air return only available with 1x4, 2x2, and 2x4

² Center Optics only available with A, ANR, and F door styles

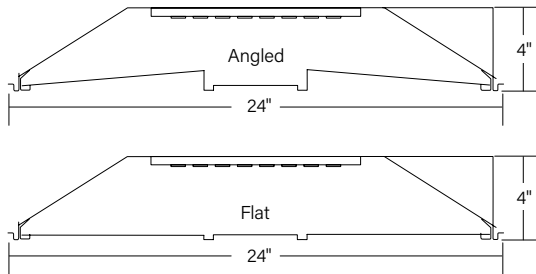
³ Integrated Sensors are not a standard option for Double Diffuse (DD) and Air Return (AR).

| | | |
|----------------|----------|-------|
| Submitted by: | | Date: |
| Type: | Project: | |
| Ordering Info: | | |

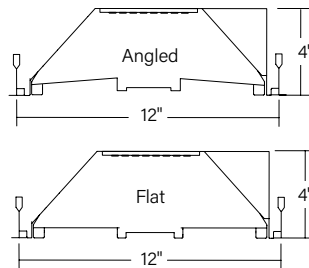
High Performance Recessed HPR LED

RECESSED CROSS SECTIONS

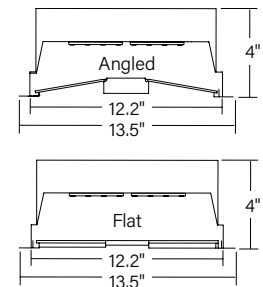
2'x4' & 2'x2'



1'x4' & 1'x2'

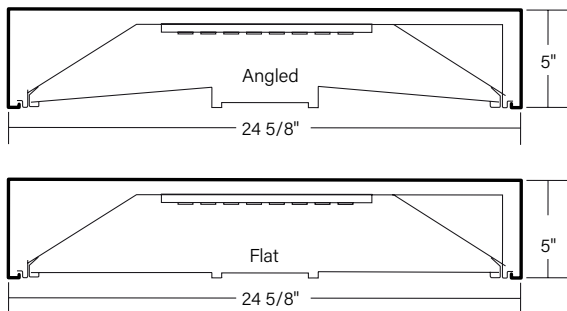


1'x1'

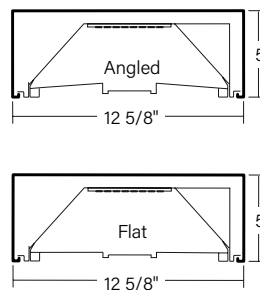


SURFACE MOUNT CROSS SECTIONS

2'x4' & 2'x2'

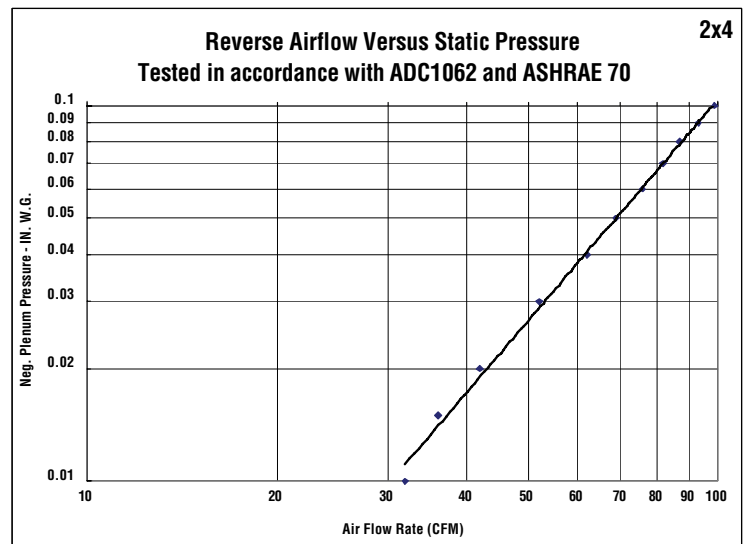
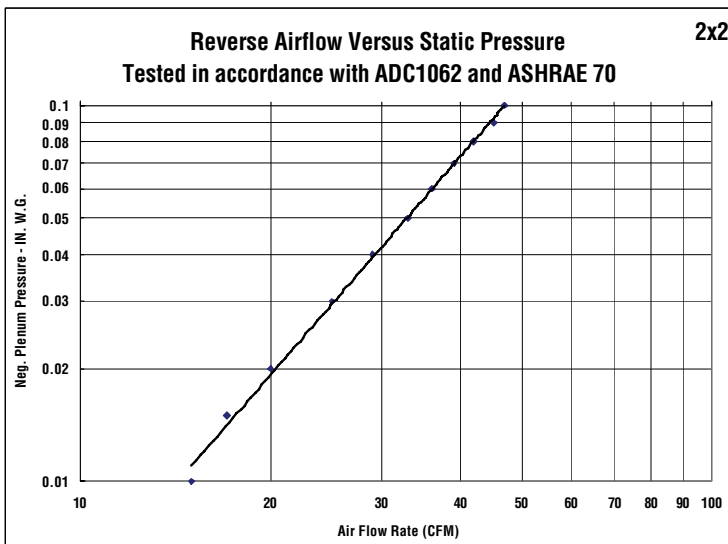


1'x4' & 1'x2'



AIR RETURN ONLY

AIR HANDLING INFORMATION

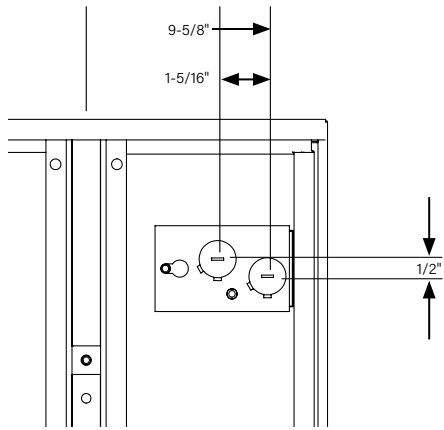


| | | |
|----------------|----------|-------|
| Submitted by: | | Date: |
| Type: | Project: | |
| Ordering Info: | | |

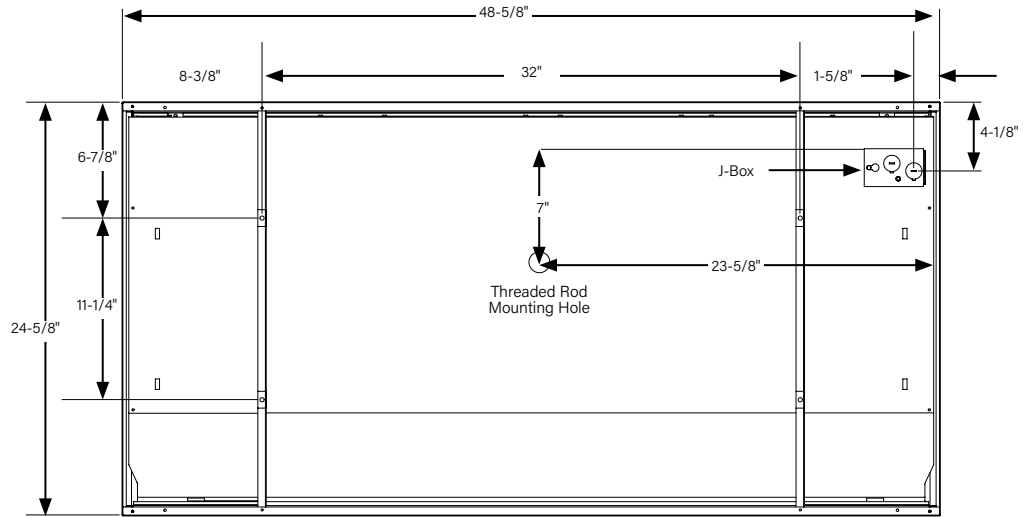
High Performance Recessed HPR LED

SURFACE MOUNT ONLY - 2'x4'

WIRING ACCESS DETAIL

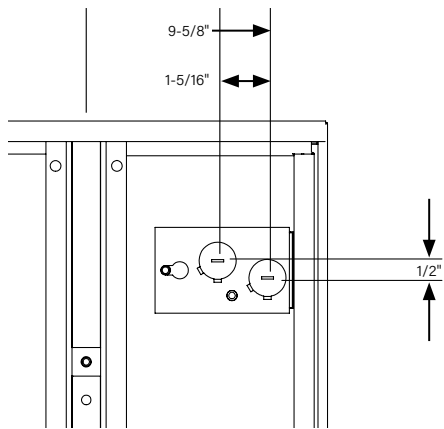


MOUNTING INFORMATION

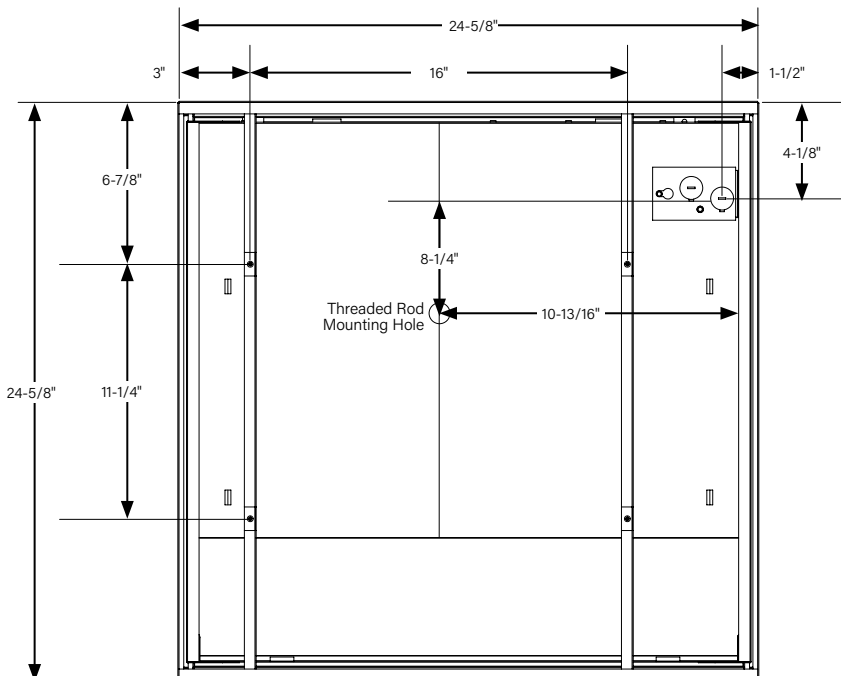


SURFACE MOUNT ONLY - 2'x2'

WIRING ACCESS DETAIL



MOUNTING INFORMATION



| | | |
|----------------|----------|-------|
| Submitted by: | | Date: |
| Type: | Project: | |
| Ordering Info: | | |

High Performance Recessed HPR LED

PHOTOMETRY

HPR-LED-F-2x4-DCO-V-835

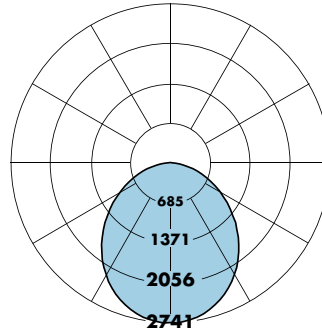
Efficacy: 127 lm/W

Total luminaire output: 6979 lumens
55.1 watts

Peak Candela Value: 2741 @ 0°

CRI: 80 / CCT: 3500K

ITL LM79 Report 85145



CANDLEPOWER SUMMARY

| | 0.0 | 22.5 | 45 | 67.5 | ACROSS | Flux |
|----|------|------|------|------|--------|------|
| 0 | 2741 | 2741 | 2741 | 2741 | 2741 | |
| 5 | 2730 | 2728 | 2728 | 2727 | 2727 | 259 |
| 10 | 2685 | 2684 | 2683 | 2682 | 2678 | |
| 15 | 2613 | 2607 | 2609 | 2605 | 2602 | 735 |
| 20 | 2511 | 2506 | 2502 | 2498 | 2498 | |
| 25 | 2380 | 2374 | 2371 | 2366 | 2367 | 1091 |
| 30 | 2223 | 2216 | 2213 | 2209 | 2211 | |
| 35 | 2043 | 2036 | 2033 | 2030 | 2033 | 1271 |
| 40 | 1845 | 1838 | 1836 | 1834 | 1837 | |
| 45 | 1635 | 1628 | 1627 | 1626 | 1630 | 1256 |
| 50 | 1417 | 1412 | 1412 | 1410 | 1413 | |
| 55 | 1200 | 1195 | 1196 | 1195 | 1187 | 1069 |
| 60 | 986 | 984 | 984 | 978 | 974 | |
| 65 | 780 | 778 | 774 | 766 | 761 | 766 |
| 70 | 582 | 583 | 576 | 569 | 565 | |
| 75 | 401 | 400 | 393 | 388 | 389 | 420 |
| 80 | 239 | 236 | 232 | 229 | 229 | |
| 85 | 103 | 100 | 97 | 91 | 89 | 111 |
| 90 | 0 | 0 | 0 | 0 | 0 | |

Sample Lumen Adjustment Calculation

| Lumen Adjustment Factors 80 CRI | |
|---------------------------------|-------|
| 3000K | 0.985 |
| 3500K | 1.000 |
| 4000K | 1.032 |

| Lumen Adjustment Factors 90 CRI | |
|---------------------------------|-------|
| 3000K | 0.746 |
| 3500K | 0.760 |
| 4000K | 0.789 |

High Output (H), A/F, 2'x4', 4000K, 90 CRI

Lumen Adjustment Factor: 0.789

Total Light Output: 5416 lm x 0.789 = 4273 lm

watts/foot: 40.6 W.

$$\text{Efficacy} = \frac{4273 \frac{\text{lm}}{\text{ft.}}}{40.6 \frac{\text{W}}{\text{ft.}}} = 105 \text{ W}$$

Total Light Output, 3500K, 80 CRI (Lumens)

| A/F ¹ | 1x1 | | | | 1x2 | | | | | | | |
|------------------------|------|------|------|------|------------------|------|------|------|------------------|------|------|------|
| | S | B | H | V | S | B | H | V | | | | |
| | 1489 | 1914 | 2166 | 2821 | 1511 | 1943 | 2199 | 2863 | | | | |
| A/F ¹ | 1x4 | | | | 2x2 ⁴ | | | | 2x4 ⁵ | | | |
| | S | B | H | V | S | B | H | V | S | B | H | V |
| | 3099 | 3985 | 4509 | 5873 | 3397 | 4367 | 4942 | 6436 | 3772 | 4742 | 5416 | 6979 |
| ANR² | 2998 | 3855 | 4362 | 5681 | 3276 | 4212 | 4766 | 6207 | 3680 | 4626 | 5283 | 6808 |
| DD | 2715 | 3491 | 3950 | 5145 | 2720 | 3497 | 3958 | 5154 | 3076 | 3867 | 4417 | 5691 |
| AR³ | 3099 | 3985 | 4509 | 5873 | 3397 | 4367 | 4508 | 5871 | 3772 | 4742 | 5416 | 6979 |
| WAV | | | | | 3470 | 4461 | 5048 | 6574 | 3821 | 4804 | 5486 | 7069 |
| CS | | | | | 3236 | 4161 | 4709 | 6132 | 3569 | 4486 | 5124 | 6602 |

Wattage is Real Power. If you would like additional details to calculate Apparent Power, please contact your local Finelite representative.

S - Standard Output, B - Boosted Standard Output, H - High Output, V - Very High Output, A/F - Angled & Flat, ANR - Angled Narrow Rail, R - Recessed, SM - Surface Mount, AR - Air Return

¹ Family Correlation based on 2x2 & 2x4 F 3500K Very High Output (V) test - 120V.
² Family Correlation based on 2x2 & 2x4 ANR 3500K Very High Output (V) test - 120V.

³ AR Based on ITL report: 85141 (1x4 F), 85142 (2x2 F), 85415 (2x4 F)

⁴ 2x2 Based on ITL report: 85144 (F), 85150 (ANR)
⁵ 2x4 Based on ITL report: 85146 (F), 85152 (ANR)

| | | |
|----------------|----------|-------|
| Submitted by: | | Date: |
| Type: | Project: | |
| Ordering Info: | | |

High Performance Recessed HPR LED

PHOTOMETRY

Power, 3500K (Total Watts)

| A/F ¹ | 1x1 | | | | 1x2 | | | | | | | |
|------------------|------|------|------|------|------------------|------|------|------|------------------|------|------|------|
| | S | B | H | V | S | B | H | V | | | | |
| | 15.3 | 19.7 | 22.7 | 30.4 | 15.3 | 19.7 | 22.7 | 30.4 | | | | |
| A/F ¹ | 1x4 | | | | 2x2 ⁴ | | | | 2x4 ⁵ | | | |
| | S | B | H | V | S | B | H | V | S | B | H | V |
| A/F ¹ | 28.5 | 37.1 | 42.8 | 58.1 | 28.5 | 37.1 | 42.8 | 58.1 | 27.0 | 35.2 | 40.6 | 55.1 |
| ANR ² | 28.5 | 37.1 | 42.8 | 58.1 | 28.6 | 37.2 | 42.9 | 58.3 | 26.9 | 35.1 | 40.5 | 55.0 |
| DD | 28.3 | 36.9 | 42.6 | 57.8 | 28.5 | 37.2 | 42.9 | 58.2 | 27.0 | 35.2 | 40.6 | 55.1 |
| AR ³ | 28.5 | 37.1 | 42.8 | 58.1 | 28.5 | 37.1 | 47.2 | 58.2 | 27.0 | 35.2 | 40.6 | 55.1 |
| WAV | | | | | 28.5 | 37.2 | 42.9 | 58.2 | 27.0 | 35.2 | 40.6 | 55.1 |
| CS | | | | | 28.5 | 37.2 | 42.9 | 58.2 | 27.0 | 35.2 | 40.6 | 55.1 |

Efficacy, 3500K, 80 CRI (Lumens Per Watt)

| A/F ¹ | 1x1 | | | | 1x2 | | | | | | | |
|------------------|-----|-----|-----|-----|------------------|-----|-----|-----|------------------|-----|-----|-----|
| | S | B | H | V | S | B | H | V | | | | |
| | 98 | 97 | 95 | 93 | 99 | 99 | 97 | 94 | | | | |
| A/F ¹ | 1x4 | | | | 2x2 ⁴ | | | | 2x4 ⁵ | | | |
| | S | B | H | V | S | B | H | V | S | B | H | V |
| A/F ¹ | 109 | 107 | 105 | 101 | 119 | 118 | 115 | 111 | 140 | 135 | 133 | 127 |
| ANR ² | 105 | 104 | 102 | 98 | 115 | 113 | 111 | 106 | 137 | 132 | 130 | 124 |
| DD | 96 | 95 | 93 | 89 | 95 | 94 | 92 | 88 | 114 | 110 | 109 | 103 |
| AR ³ | 109 | 107 | 105 | 101 | 119 | 118 | 95 | 92 | 140 | 135 | 133 | 127 |
| WAV | | | | | 122 | 120 | 118 | 113 | 142 | 137 | 135 | 128 |
| CS | | | | | 114 | 112 | 110 | 105 | 132 | 128 | 126 | 120 |

Wattage is Real Power. If you would like additional details to calculate Apparent Power, please contact your local Finelite representative.

S - Standard Output, B - Boosted Standard Output, H - High Output, V - Very High Output, A/F - Angled & Flat, ANR - Angled Narrow Rail, R - Recessed, SM - Surface Mount, AR - Air Return

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³ AR Based on ITL report: 85141 (1x4 F), 85142 (2x2 F), 85415 (2x4 F)

⁴ 2x2 Based on ITL report: 85144 (F), 85150 (ANR)

⁵ 2x4 Based on ITL report: 85146 (F), 85152 (ANR)

| | | |
|----------------|----------|-------|
| Submitted by: | | Date: |
| Type: | Project: | |
| Ordering Info: | | |

0-10V Tunable White

Finelite's contractor friendly Tunable White luminaires are available with low cost, powerful, and simple 0-10V tuning and intensity controls.

TUNABLE WHITE FEATURES

- CCT range: 2700K - 6500K
- Dimming Range: 100% to 10%
- CRI Options: 80 CRI or 90 CRI

Note:
Dim to Off options available.

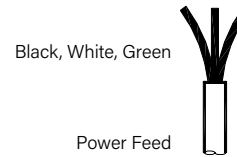
PHOTOMETRY

Apply a power adjustment factor to calculate wattage usage

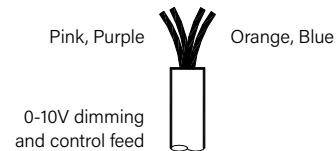
| POWER | CONVERSION FACTOR |
|-------|-------------------|
| | 1.1X |

(Example: a 50 watt luminaire in static white would draw 55 watts using 0-10V Tunable White)

DUAL FEED DETAIL



| WIRING LEGEND | | |
|---------------|---------|--------------|
| Black | Hot | Line Voltage |
| White | Neutral | Line Voltage |
| Green | Ground | |



| WIRING LEGEND | | |
|---------------|---------|----------|
| Pink | Dimming | 0-10V DC |
| Purple | Dimming | 0-10V DC |
| Orange | TW | 0-10V DC |
| Blue | TW | 0-10V DC |