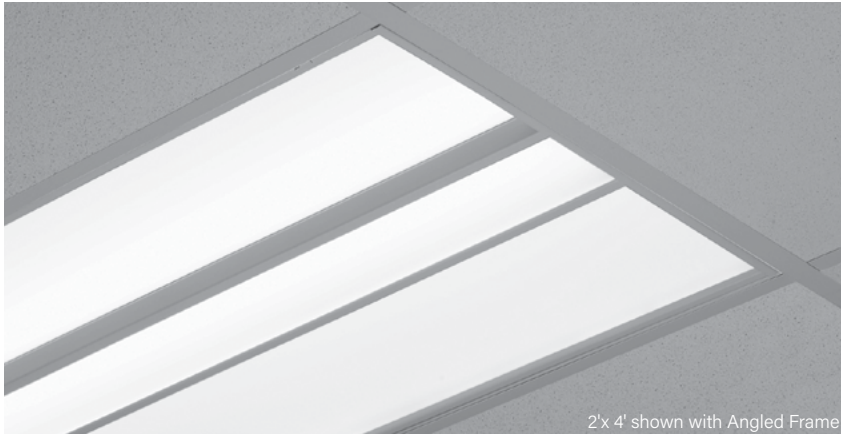


Submitted by:		Date:
Type:	Project:	
Ordering Info:		

# High Performance Recessed HPR LED

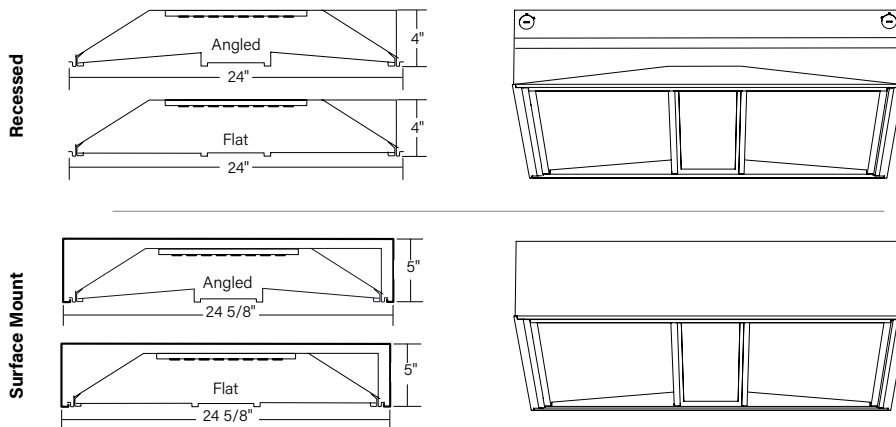


2'x 4' shown with Angled Frame

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.

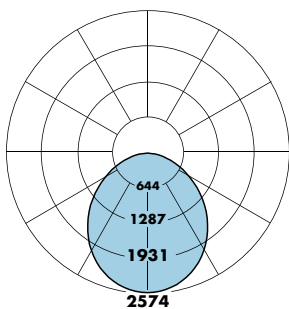
96 Low Gloss White is standard finish

## 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.



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	1x4 <sup>1</sup>	S - Standard	830 - 80 CRI min, 3000K
	ANR - Angled Narrow Rail	2x2 <sup>2</sup>	B - Boosted	835 - 80 CRI min, 3500K
	F - Flat	2x4	H - High	840 - 80 CRI min, 4000K
	DD - Double Diffuse		V - Very High	930 - 90 CRI min, 3000K
	WAV - Wave		TL - Tailored: _____ lm/ft*	935 - 90 CRI min, 3500K
			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.	
			940 - 90 CRI min, 4000K 8TW - 80 CRI min, Tunable White 9TW - 90 CRI min, Tunable White See page 8 for lumen adjustment calculation	<b>Center Optic</b> <b>DCO</b> - Diffuse Center  Only available with Angled (A), Angled Narrow Rail (ANR) and Flat (F) door style.

MECHANICAL		ELECTRICAL FEATURES		MOUNTING TYPE	OTHER OPTIONS	
Reflector System	Voltage	Driver Selection <sup>4</sup>		Ceiling Type	Finish	
96LG - 96 Low Gloss White	120 - 120 Voltage	<b>0-10V Driver Options</b> FC-10% - 0-10V 10% (standard) FC-1% - 0-10V 1% OTi-10% - EldoLED OTi, 0-10V 10% <sup>5</sup> OTi-1% - EldoLED OTi, 0-10V 1% <sup>5</sup> ELD-10V-0% - EldoLED SOLOdrive, 0-10V 0.1% 10V-TW-10% - EldoLED OTi, 0-10V 10% (Tunable White) <sup>5</sup>  <b>DALI Driver Options</b> 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)		<b>Lutron Driver Options</b> LUT-ES1 - Lutron, Ecosystem 1% LUT-TW - Lutron T-Series, EcoSystem 0.1% (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					
	347 - 347 Voltage					
	<b>Circuiting</b> <sup>3</sup>					
	SC - Single Circuit					

OTHER OPTIONS			
Emergency Style (Optional) <small>See page 3 Backup Battery table</small>	Integrated Sensor <sup>6</sup> (Optional)	Special Options (Optional)	Air Return (Optional)
LGD18W - Legrand 18W Brand Battery Back-up	OBO - Occupancy	CP - Chicago Plenum	AR - Air Return
LGD10W - Legrand 10W Brand Battery Back-up	OBD - Daylight	RLA - Red List Approved	Available for 1x4, 2x2 and 2x4 only
BSL722 - Bodine Battery Back up	W601 - Wattstopper Sensor <sup>7</sup>	RLD - Red List Declared	
BSL310LP - Bodine Battery Back up Low Profile	OBE - Enlighted Sensor <sup>8</sup>		
EM/GEN - Emergency to Generator	REE - Remote Enlighted		
NL - Night Light	CLM-99 - Encelium RF		
GTD - Generator Transfer Device	SLM-99 - Encelium Sensor		
ALCR - Automatic Load Control Relay			

<sup>1</sup> Not available with Wave (WAV)  
<sup>2</sup> 2x2 Very High Output (V) come with 5-year performance-based warranty with all standard components  
<sup>3</sup> Contact Factory for switching options  
<sup>4</sup> Contact factory for compatible driver options not listed above  
<sup>5</sup> Add DTO to gain "Dim to Off" functionality (FC-10% - DTO, FC-1% - DTO)  
<sup>6</sup> HPR 1x1 cannot have sensor. Double Diffuser is custom for Integrated Sensor.  
<sup>7</sup> LMFS-601 w/ 0-10V driver(s) and LMFI-111, up to 6 drivers may be connected. LMFS-601 w/ DALI driver, only 1 driver can be connected.  
<sup>8</sup> Enlighted components installed by Finelite, provided by others  
<sup>9</sup> 0-10V Drivers - AOCC up to 10 drivers may be connected; ARF up to 40 driver may be connected.  
 DALI Drivers - AOCC & ARF up to 4 drivers can be connected  
<sup>10</sup> Lutron Vibe Ingrated Sensors require a DALI driver

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

# High Performance Recessed HPR LED

## SUPPLEMENTARY DRIVER PAGE

### 0-10V Driver Options

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

### DALI Driver Options

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

### Lutron Driver Options

<b>LUT-ES1</b>	Lutron, Ecosystem 1% Dimming
<b>LUT-TW</b>	Lutron T-Series, EcoSystem 0.1% Dimming, 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:

**Double Diffuse (DD)<sup>1</sup>:** 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**)<sup>1</sup>, and Flat (**F**) door styles.

**Diffuse Center Optic (DCO)<sup>3</sup>:** UV-stabilized and impactresistant frosted virgin acrylic.

**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
<b>HPR 1x4</b>		
Angle / Flat	1993	1186
Angled Narrow Rail	1928	1147
<b>HPR 2x2</b>		
Angle / Flat	2184	1300
Angled Narrow Rail	2106	1254
Flat with Double Diffuse	1749	1041
Wave	2231	1328
<b>HPR 2x4</b>		
Angle / Flat	2371	1411
Angled Narrow Rail	2313	1377
Flat with Double Diffuse	1934	1151
Wave	2402	1430

\* Minimum fixture housing length for battery pack approved without sensor

Based on 3500K and 80-CRI

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 (LED1)** (Hi-lume 1% EcoSystem with Soft-On, Fade to Black dimming (LDE1 series)); Contact factory for availability of discontinued Lutron drivers, L3DA-3-wire and L3DA EcoSystem.

**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** (0.1% T-Series 2-Channel Digital Tunable White (PSQ Series)).

### 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.

<sup>1</sup> Angled Narrow Rail, Curved Slotted and Double Diffuse not available with Air Return

<sup>3</sup> 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'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.

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

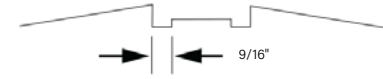
# High Performance Recessed HPR LED

## 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.

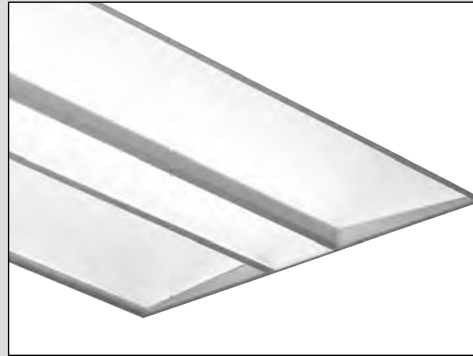
#### Standard Rail



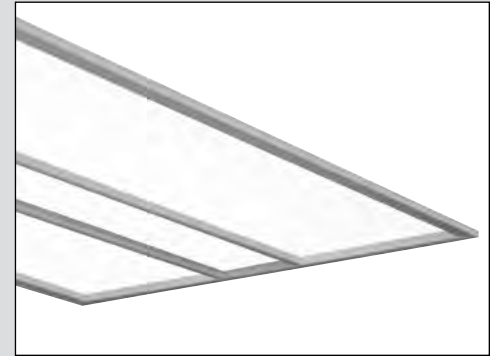
#### Angled Narrow Rail (HPR-ANR) Optional



### DOOR STYLES



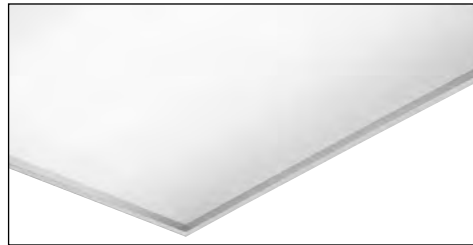
Angled (A) / Angled Narrow Rail (ANR)



Flat (F)

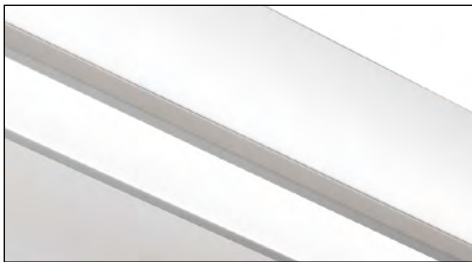


Wave (WAV)



Double Diffuse (DD)

### CENTER OPTICS <sup>2</sup>



Diffuse Center (DCO)

OPTION AVAILABILITIES	1x4	2x2	2x4
Angled (A)	X	X	X
Flat (F)	X	X	X
Angled Narrow Rail (ANR)	X	X	X
Double Diffuse (DD)	X	X	X
Wave (WAV)		X	X
Air Return (AR)	X	X	X
Integrated Sensors <sup>3</sup>	X	X	X

<sup>1</sup> Air return only available with 1x4, 2x2, and 2x4

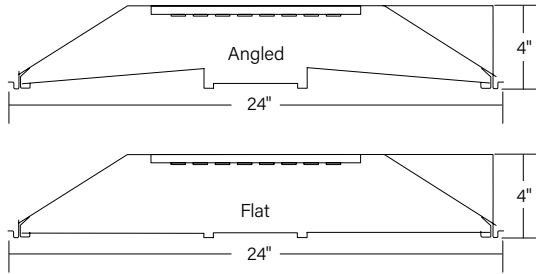
<sup>3</sup> Integrated Sensors are not a standard option for Double Diffuse (DD) and Air Return (AR).

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

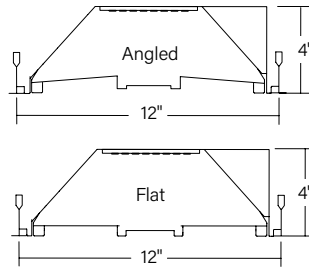
# High Performance Recessed HPR LED

## RECESSED CROSS SECTIONS

**2'x4' & 2'x2'**

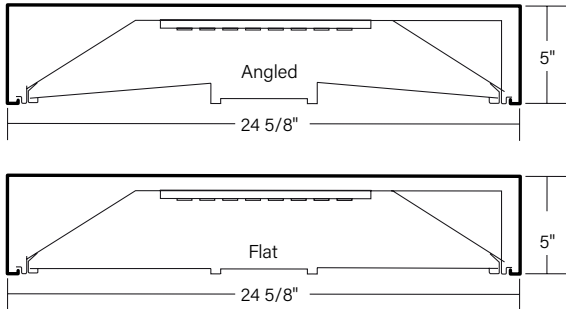


**1'x4'**

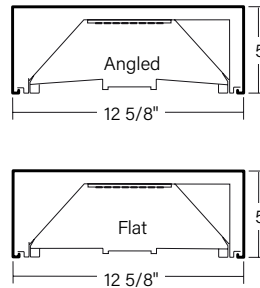


## SURFACE MOUNT CROSS SECTIONS

**2'x4' & 2'x2'**

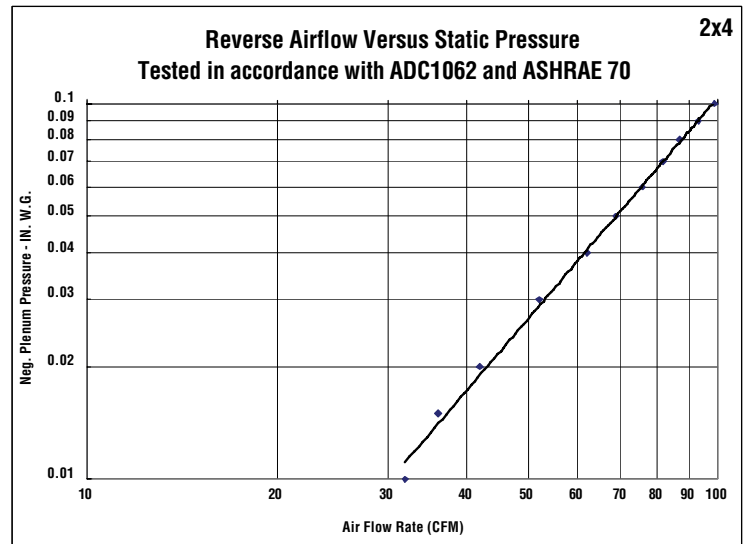
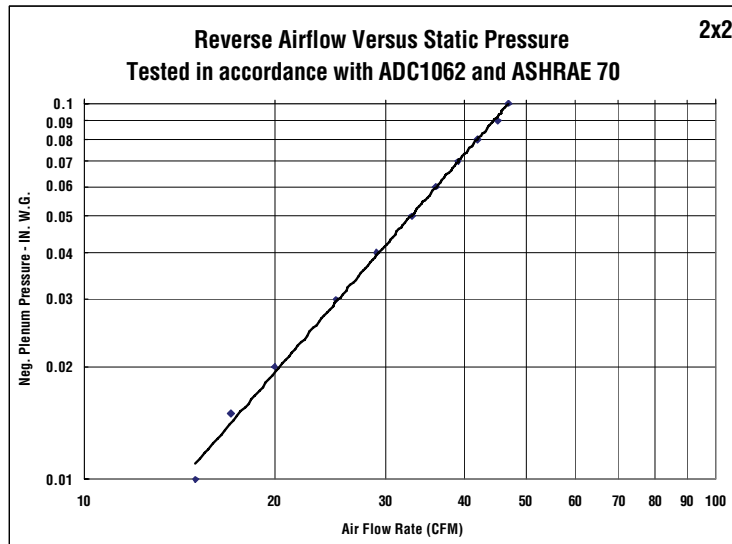


**1'x4'**



## AIR RETURN ONLY

### AIR HANDLING INFORMATION

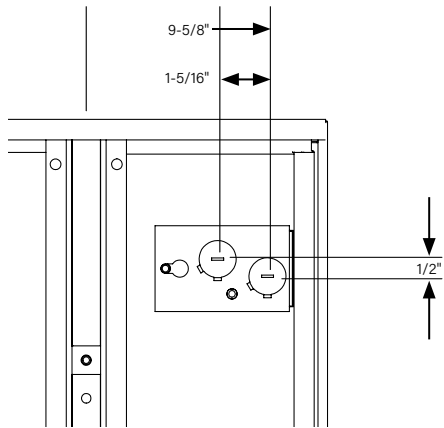


Submitted by:		Date:
Type:	Project:	
Ordering Info:		

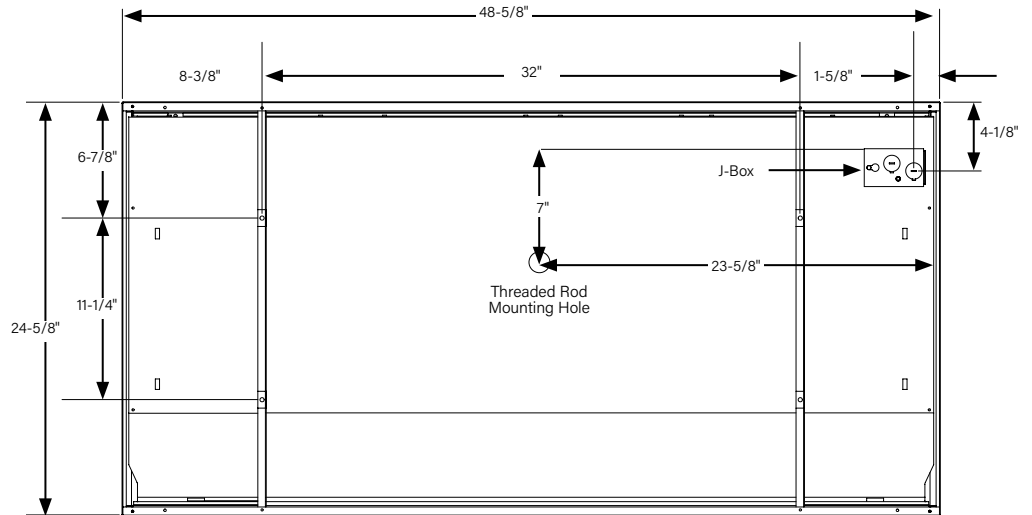
# High Performance Recessed HPR LED

## SURFACE MOUNT ONLY - 2'x4'

### WIRING ACCESS DETAIL

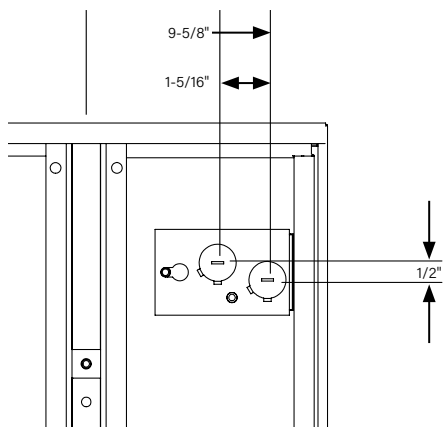


### MOUNTING INFORMATION

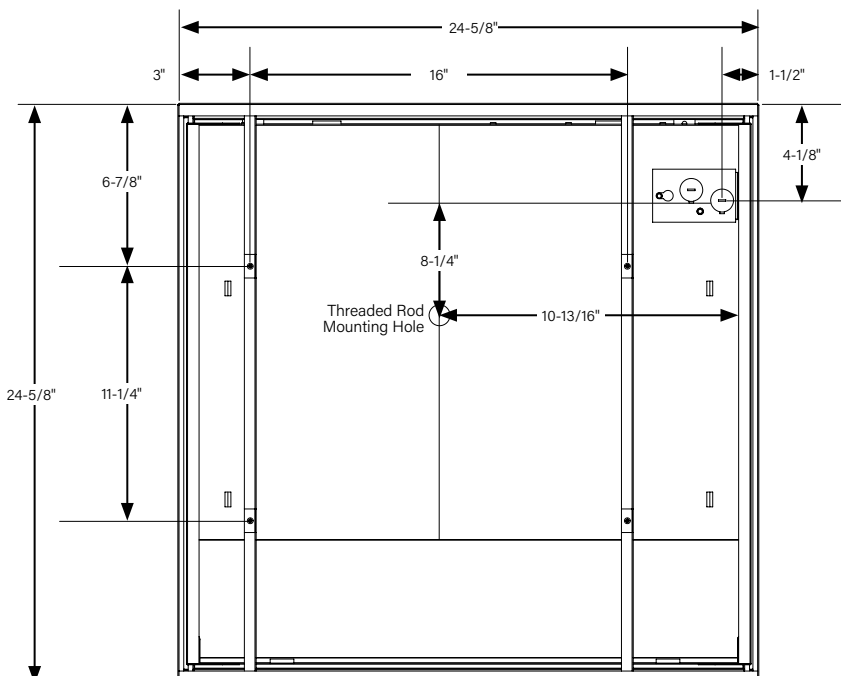


## SURFACE MOUNT ONLY - 2'x2'

### 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**

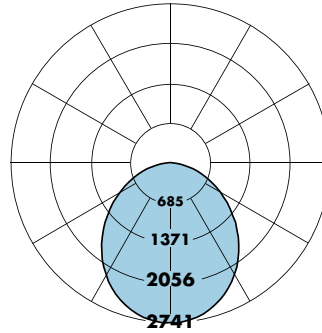
**Efficacy:** 127 lm/W

**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	
<b>3000K</b>	0.985
<b>3500K</b>	1.000
<b>4000K</b>	1.032

Lumen Adjustment Factors 90 CRI	
<b>3000K</b>	0.746
<b>3500K</b>	0.760
<b>4000K</b>	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)

	1x4				2x2 <sup>4</sup>				2x4 <sup>5</sup>			
	S	B	H	V	S	B	H	V	S	B	H	V
<b>A/F<sup>1</sup></b>	3099	3985	4509	5873	3397	4367	4942	6436	3772	4742	5416	6979
<b>ANR<sup>2</sup></b>	2998	3855	4362	5681	3276	4212	4766	6207	3680	4626	5283	6808
<b>DD</b>	2715	3491	3950	5145	2720	3497	3958	5154	3076	3867	4417	5691
<b>AR<sup>3</sup></b>	3099	3985	4509	5873	3397	4367	4508	5871	3772	4742	5416	6979
<b>WAV</b>					3470	4461	5048	6574	3821	4804	5486	7069

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

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

<sup>2</sup> AR Based on ITL report: 85141 (1x4 F), 85142 (2x2 F), 85415 (2x4 F)

<sup>4</sup> 2x2 Based on ITL report: 85144 (F), 85150 (ANR)

<sup>5</sup> 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)

	1x4				2x2 <sup>4</sup>				2x4 <sup>5</sup>			
	S	B	H	V	S	B	H	V	S	B	H	V
<b>A/F</b> <sup>1</sup>	28.5	37.1	42.8	58.1	28.5	37.1	42.8	58.1	27.0	35.2	40.6	55.1
<b>ANR</b> <sup>2</sup>	28.5	37.1	42.8	58.1	28.6	37.2	42.9	58.3	26.9	35.1	40.5	55.0
<b>DD</b>	28.3	36.9	42.6	57.8	28.5	37.2	42.9	58.2	27.0	35.2	40.6	55.1
<b>AR</b> <sup>3</sup>	28.5	37.1	42.8	58.1	28.5	37.1	47.2	58.2	27.0	35.2	40.6	55.1
<b>WAV</b>					28.5	37.2	42.9	58.2	27.0	35.2	40.6	55.1

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

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

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

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

<sup>2</sup> Family Correlation based on 2x2 & 2x4 ANR 3500K Very High Output (V) test - 120V.

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

<sup>4</sup> 2x2 Based on ITL report: 85144 (F), 85150 (ANR)

<sup>5</sup> 2x4 Based on ITL report: 85146 (F), 85152 (ANR)

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

# 0-10V Tunable White

Finelite's award-winning, 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

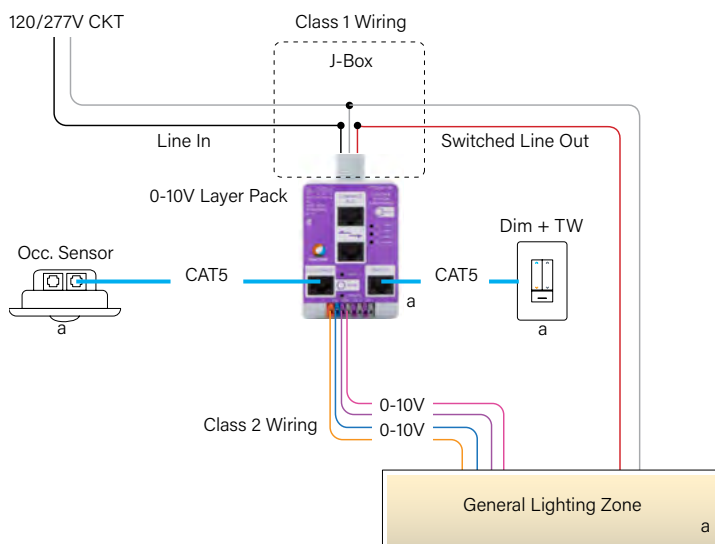
## PHOTOMETRY

Apply a power adjustment factor to calculate wattage usage

POWER	CONVERSION FACTOR
	<b>1.1X</b>

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

## WIRING DIAGRAM - DIMMABLE TO 10%



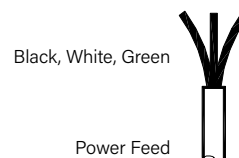
### Luminaire Wiring

- **Purple (+) / Pink (-)** control wires are for intensity control
- **Orange (+) / Blue (-)** control wires are for Tunable White control

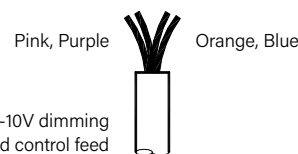
### Note:

Switched Load or Dim to Off options available.

## DUAL FEED DETAIL



WIRING LEGEND		
<b>Black</b>	Hot	Line Voltage
<b>White</b>	Neutral	Line Voltage
<b>Green</b>	Ground	



WIRING LEGEND		
<b>Pink</b>	Dimming	0-10V DC
<b>Purple</b>	Dimming	0-10V DC
<b>Orange</b>	TW	0-10V DC
<b>Blue</b>	TW	0-10V DC