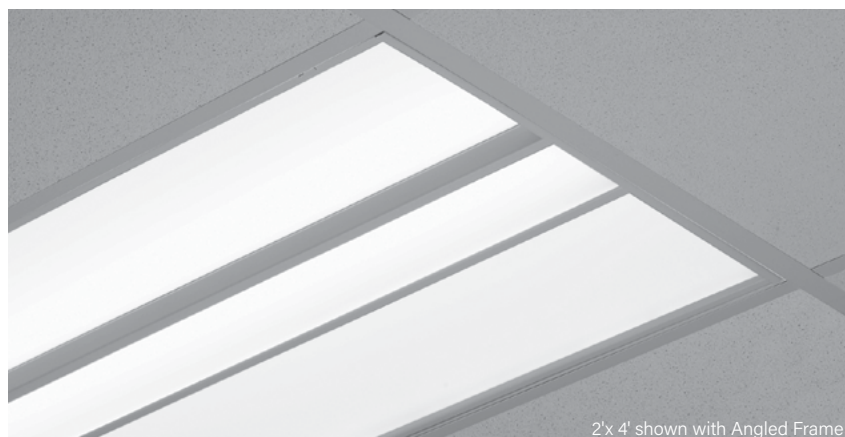


Submitted by:		Date:
Type:	Project:	
Ordering Info:		

High Performance Recessed HPR LED

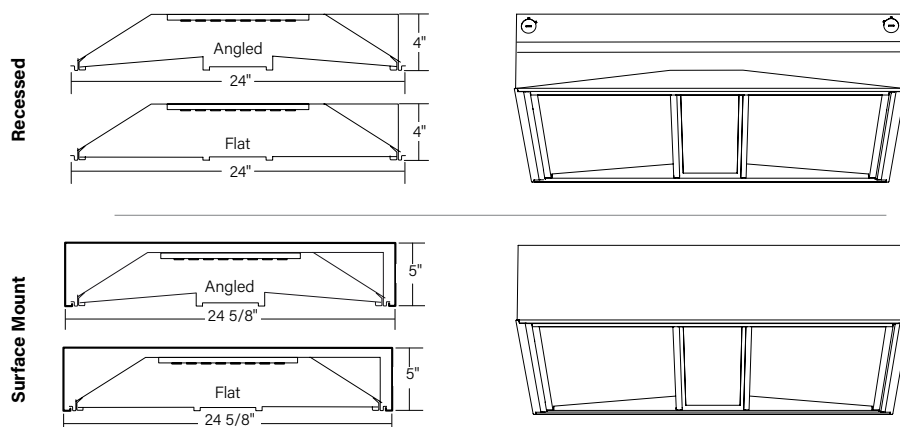


2'x 4' shown with Angled Frame

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.

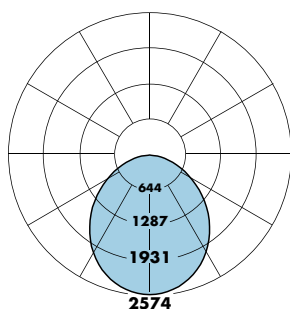
96 Low Gloss White is standard finish

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.



Available in



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
				See page 8 for lumen adjustment calculation

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.

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% <i>(Tunable White)</i> 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% <i>(Tunable White)</i>		DMX Driver Options ELD-DMX - EldoLED POWERdrive, 0.1% Lutron Driver Options LUT-ES1 - Lutron, Ecosystem 1% LUT-TW - Lutron T-Series, EcoSystem 0.1% <i>(Tunable White)</i>		C1 - 15/16 " T-Bar C2 - 9/16" T-Bar C3 - Screw Slot DW - Drywall Kit SM - Surface Mount	96LG - 96 Low Gloss White
	277 - 277 Voltage						
	347 - 347 Voltage						
	Circuiting ⁵						
	SC - Single Circuit						
		See Page 3 for additional driver options and details			Contact factory optional Anti-microbial paint		

OTHER OPTIONS			
Emergency Style (Optional) <small>See page 3 Backup Battery table</small>	Integrated Sensor ⁸ (Optional)	Special Options (Optional)	Air Return (Optional)
LGD18W - Legrand 18W Brand Battery Back-up	OBO - Occupancy	AOCC-W - Lutronic Athena Sensor ¹¹ (Device Color White)	AR - Air Return
LGD10W - Legrand 10W Brand Battery Back-up	OBD - Daylight	AOCC-B - Lutronic Athena Sensor ¹¹ (Device Color Black)	Available for 1x4, 2x2 and 2x4 only
BSL722 - Bodine Battery Back up	W601 - Wattstopper Sensor ⁹	ARF-W - Lutronic Athena RF ¹¹ (Device Color White)	
BSL310LP - Bodine Battery Back up Low Profile	OBE - Enlighted Sensor ¹⁰	ARF-B - Lutronic Athena RF ¹¹ (Device Color Black)	
EM/GEN - Emergency to Generator	REE - Remote Enlighted	VOCC - Lutronic Vibe Sensor ¹²	
NL - Night Light	CLM - Encelium Sensor	VRF - Lutronic Vibe RF ¹²	
GTD - Generator Transfer Device	RE7 - nLight Air Sensor		
ALCR - Automatic Load Control Relay			
See Backup Battery table on page 3 for fitment limitations	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, Double Diffuser is custom for Integrated Sensor.

⁹ 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.

¹⁰ Enlighted components installed by Finelite, provided by others

¹¹ 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

¹² Lutronic Vibe 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, <i>Tunable White</i> (Linear)
10V-TW-10%-DTO	EldoLED OTi, 0-10V 10% Dimming, Dim-to-Off, <i>Tunable White</i> (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 0.1% Dimming, <i>Tunable White</i> (Logarithmic Dimming , Linear CCT Control)

DMX Driver Options

ELD-DMX	EldoLED POWERdrive, DMX 0.1% Dimming (8 Bit, 1CH) (Linear)
----------------	--

Lutron Driver Options

LUT-ES1	Lutron, Ecosystem 1% Dimming
LUT-TW	Lutron T-Series, EcoSystem 0.1% Dimming, <i>Tunable White</i>

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 impactresistant 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	1914	1914
HPR 1x4		
Angle / Flat	1993	1186
Angled Narrow Rail	1928	1147
HPR 2x2		
Angle / Flat	2184	1300
Angled Narrow Rail	2106	1254
Flat with Double Diffuse	1749	1041
Wave	2231	1328
HPR 2x4		
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

TUNABLE WHITE FEED: Standard with one 18-gauge/5-conductor single-circuit feed. 14-gauge feed used when fixture current exceeds 5 amps. DMX and power feed at same location (standard). DMX feeds cannot be cut or spliced. DMX feeds should be ordered based on fixed lengths.

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.

¹ Angled Narrow Rail, Curved Slotted and Double Diffuse not available with Air Return

² Curved Slotted not available with Center Optic options

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 1x1 and 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.

10-YEAR WARRANTY: 10-year performance-based warranty on Standard (**S**), Boosted Standard (**B**), High Output (**H**), and Very High (**V**), with all standard components.

5-YEAR WARRANTY: 5-year performance-based warranty on 2'x2' Very High Output (**V**) with all standard components.

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

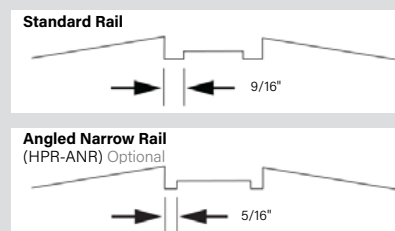
Submitted by:		Date:
Type:	Project:	
Ordering Info:		

High Performance Recessed HPR LED

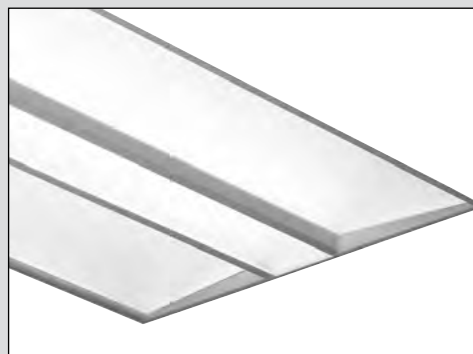
OPTIONS

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.



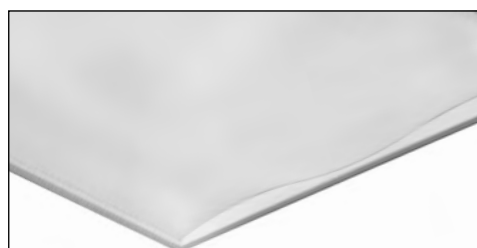
DOOR STYLES



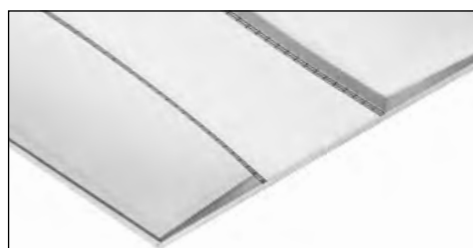
Angled (A) / Angled Narrow Rail (ANR)



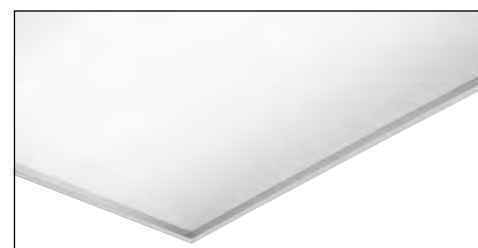
Flat (F)



Wave (WAV)

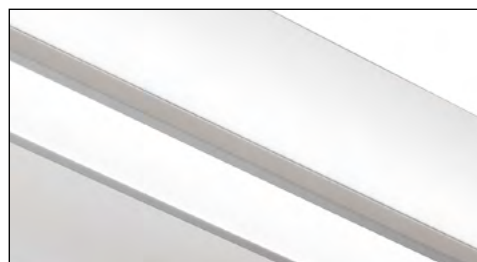


Curved Slotted (CS) ¹



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

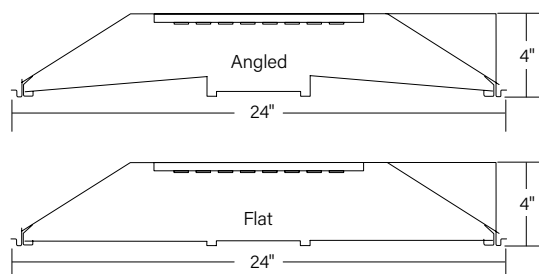
³ Integrated Sensors are not a standard option for Double Diffuse (DD) and Air Return (AR).

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

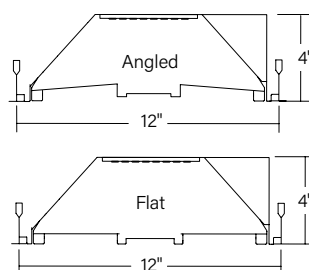
High Performance Recessed HPR LED

RECESSED CROSS SECTIONS

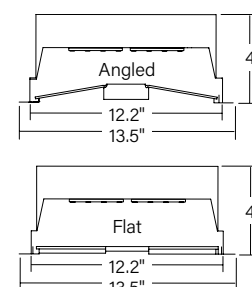
2'x4' & 2'x2'



1'x4' & 1'x2'

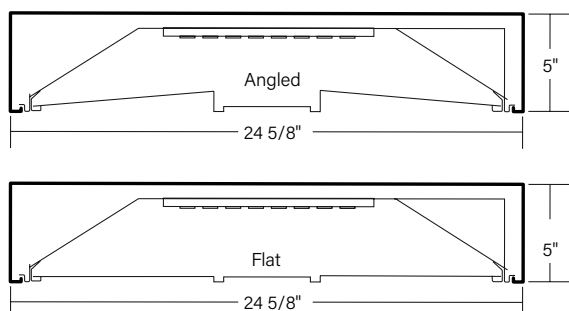


1'x1'

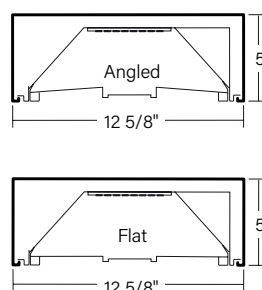


SURFACE MOUNT CROSS SECTIONS

2'x4' & 2'x2'

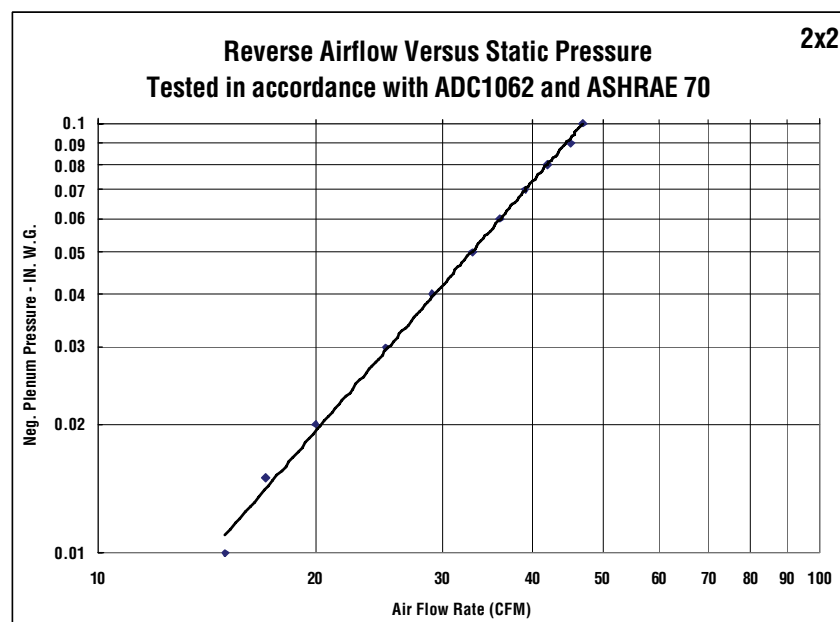


1'x4' & 1'x2'



AIR RETURN ONLY

AIR HANDLING INFORMATION

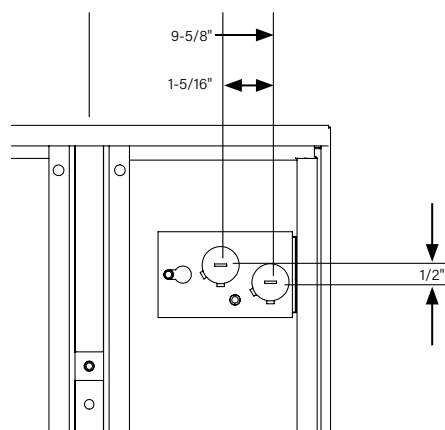


Submitted by:		Date:
Type:	Project:	
Ordering Info:		

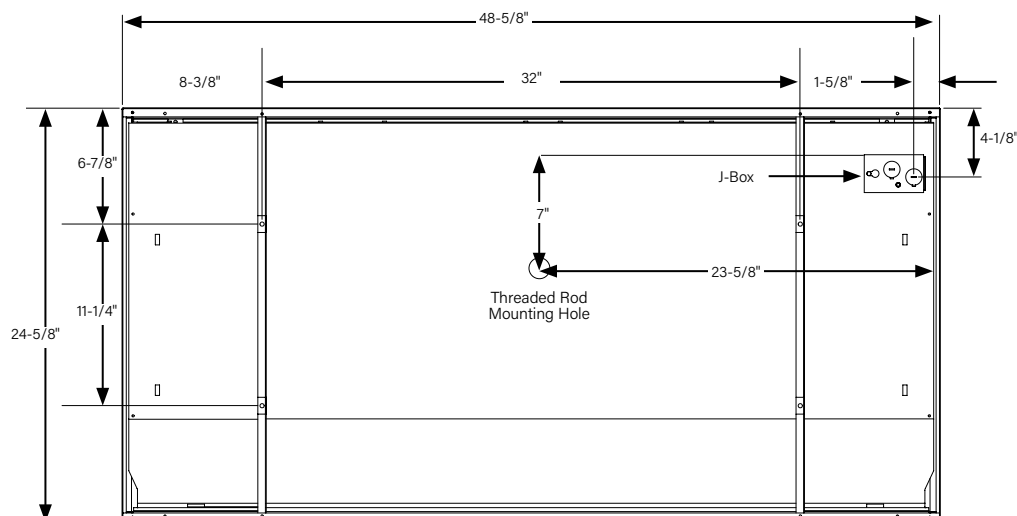
High Performance Recessed HPR LED

SURFACE MOUNT ONLY - 2'x4'

WIRING ACCESS DETAIL

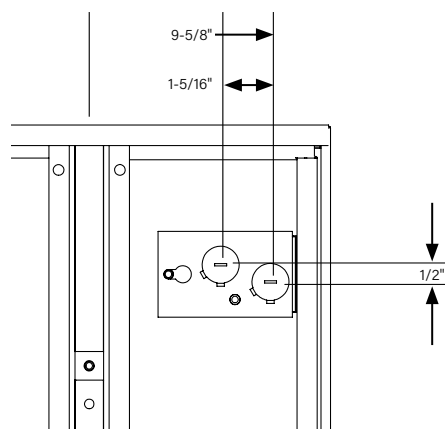


MOUNTING INFORMATION

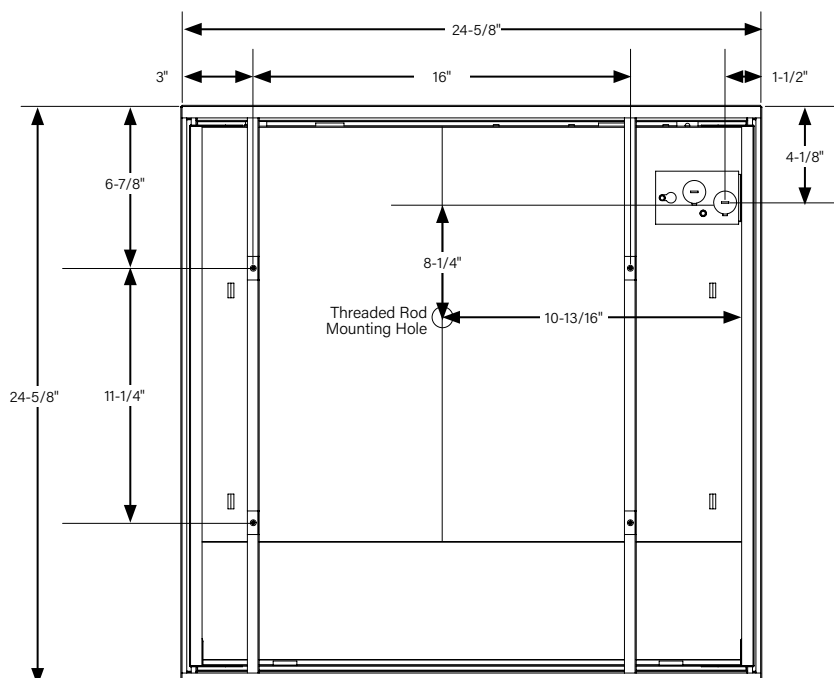


SURFACE MOUNT ONLY - 2'x2'

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

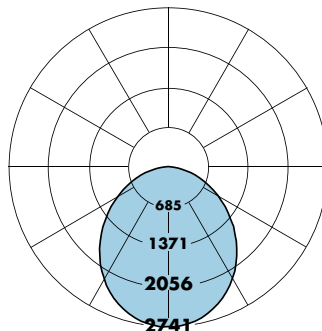
Total luminaire output: 6979 lumens

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)

	1x1				1x2							
A/F ¹	S	B	H	V	S	B	H	V				
	1489	1914	2166	2821	1511	1943	2199	2863				
	1x4				2x2 ⁴				2x4 ⁵			
	S	B	H	V	S	B	H	V	S	B	H	V
A/F ¹	3099	3985	4509	5873	3397	4367	4942	6436	3772	4742	5416	6979
ANR ²	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
AR ³	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)

	1x1				1x2							
A/F ¹	S	B	H	V	S	B	H	V				
	15.3	19.7	22.7	30.4	15.3	19.7	22.7	30.4				
	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)

	1x1				1x2							
A/F ¹	S	B	H	V	S	B	H	V				
	98	97	95	93	99	99	97	94				
	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

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:		

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

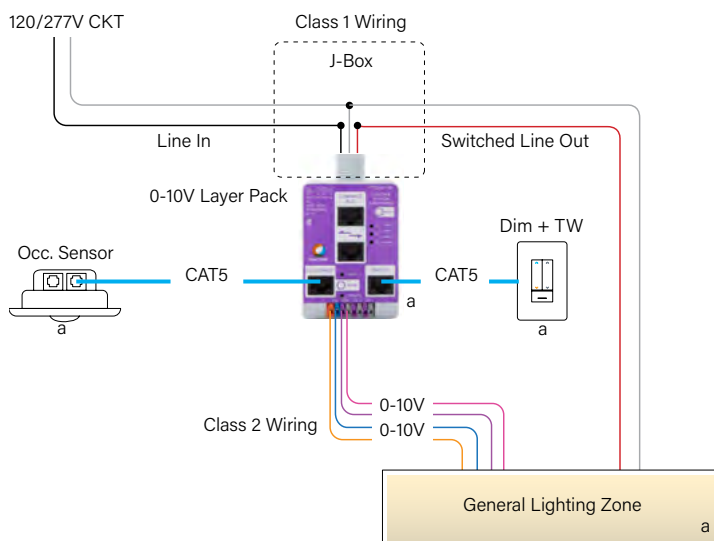
PHOTOMETRY

Apply a power adjustment factor to calculate wattage usage

POWER	CONVERSION FACTOR
	1.1X

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

WIRING DIAGRAM - DIMMABLE TO 10%



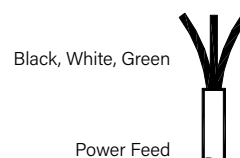
Luminaire Wiring

- **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



Black, White, Green

Power Feed

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

Pink, Purple

Orange, Blue

0-10V dimming
and control feed

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

