



FINELITE

High Performance Recessed (HPR) 1x4 & 1x2



Refer to page 2 for all door styles

DESCRIPTION

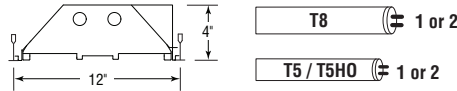
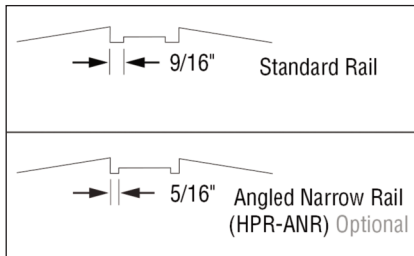
HPR is a highly effective recessed luminaire delivering excellent visual comfort and outstanding performance for offices, schools, healthcare, and retail applications. Advanced optical designs make HPR a powerful solution for low-ceiling applications and eliminate the shadows common to other recessed products.

Date

Project

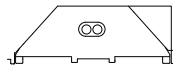
Type

Comments



DIMENSIONS / LIGHT ENGINE

Available in 1, 2, T8, T5, or T5HO lamps.



BIAX LAMP OPTIONS

Available in 1 lamp FT 40, 50, or 55W high lumen TT5 cross sections for 1x2 only.



INTEGRATED SENSORS

HPR can be specified with integrated daylight or occupancy sensors.

ANGLED NARROW RAIL OPTION

Available in 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.

ORDERING GUIDE

Sample Number: HPR - F - 1x2 - DCO - 1T8 - 277 - SC - C1 - IS.88 - OBO

Finelite Series HPR

Door Styles (**A** - Angled, **ANR** - Angled Narrow Rail, **F** - Flat, **CS** - Curved Slotted*)

Size (**1x4** or **1x2**)

Center Optic (**DCO** - Diffuse Center, **SCO** - Slotted Center, **RCO** - Round Center)**

Light Engine 1x4 (**1**, **2**, or **3 T8**, **T5**, or **T5HO**)

Light Engine 1x2 (**1** or **2 T8**, **T5**, or **T5HO** / **1 FT 40**, **50**, or **55W**)

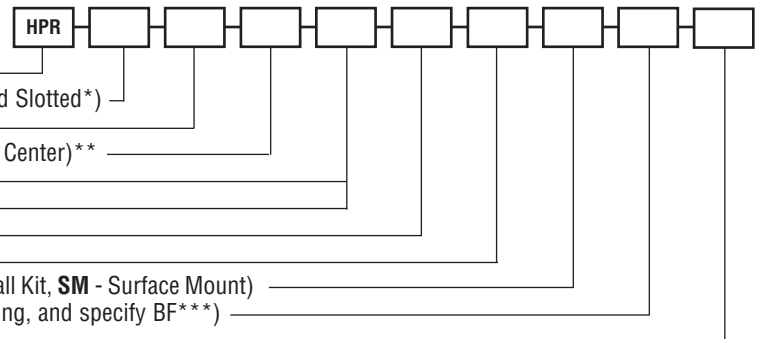
Voltage (**120V**, **277V**, **347V**)

Circuiting (**SC** - Single Circuit, **DC** - Dual Circuit, **SD** - Step Dimming)

Ceiling Type (**C1** - 1" T-Bar, **C2** - 9/16" T-Bar, **C3** - Screw Slot, **DW** - Drywall Kit, **SM** - Surface Mount)

Ballast (**IS** - Instant Start, **PS** - Program Start, **BL** - Bi-Level, **DI** - Dimming, and specify BF***)

Integrated Sensors (**OBD** - Daylight, **OBO** - Occupancy, **OBB** - Both)



* Not available with 1x2 & Center Optic options

** Only available on Angled (A), Angled Narrow Rail (ANR), and Flat (F)

*** Standard 0.88 for T8 lamps, 1.0 for T5 or T5HO. Contact factory for available ballast factors.

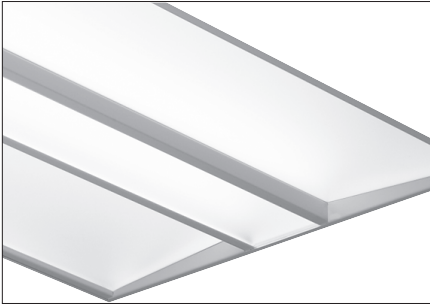
Contact factory for Master/Satellite and factory-supplied whip options.



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DOOR STYLES



NEW A - Angled
ANR - Angled Narrow Rail



F - Flat

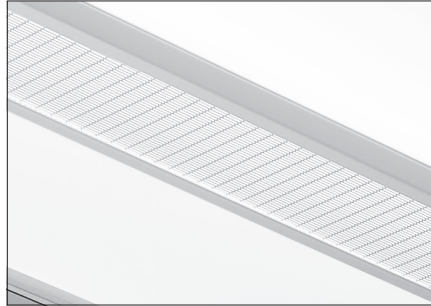


CS - Curved Slotted

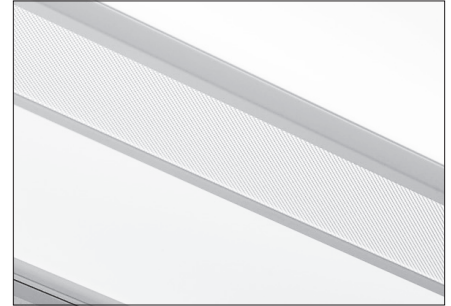
CENTER OPTICS



DCO - Diffuse Center



SCO - Slotted Center



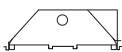
RCO - Round Center



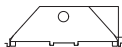
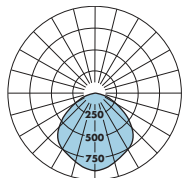
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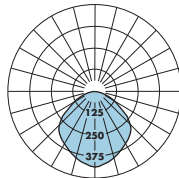
PHOTOMETRY



HPR-F: 1 T8-DCO (1x4)
Efficiency: 78.0%
LSI Report: 25829



HPR-F: 1 T8-DCO (1x2)
Efficiency: 77.2%
LSI Report: 25834



CANDLEPOWER SUMMARY						
	0.0	22.5	45	67.5	90	Flux
0	882	882	882	882	882	
5	883	879	878	876	872	84
10	871	866	861	855	850	
15	852	844	833	825	819	235
20	825	814	798	790	786	
25	788	775	761	760	761	353
30	744	729	719	732	738	
35	690	675	676	699	708	429
40	628	616	628	655	662	
45	559	551	570	591	593	439
50	484	479	498	509	506	
55	406	404	417	417	410	367
60	328	328	334	325	316	
65	253	253	235	240	231	245
70	184	184	179	166	159	
75	122	122	116	105	99	121
80	69	69	62	54	50	
85	26	25	18	16	16	26
90	0	0	0	0	0	

CANDLEPOWER SUMMARY						
	0.0	22.5	45	67.5	90	Flux
0	417	417	417	417	417	
5	418	417	413	410	410	40
10	412	409	404	400	398	
15	402	398	389	384	383	110
20	388	381	371	366	365	
25	370	361	351	350	352	164
30	347	337	330	335	340	
35	320	310	308	319	326	197
40	289	280	285	298	304	
45	255	248	256	268	272	199
50	219	214	223	230	232	
55	181	179	186	188	187	164
60	145	144	148	145	143	
65	111	110	111	106	104	108
70	80	79	78	73	71	
75	52	52	49	45	43	52
80	28	28	25	21	20	
85	10	9	6	6	6	10
90	0	0	0	0	0	

— Refer to www.finelite.com for additional photometry and product information.

SPECIFICATIONS

CONSTRUCTION: Die-formed 20-gauge 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 ballast compartment for re-lamping from below. Seismic brackets are integrated into the fixture assembly. Additional wire entrances are positioned on the ends of the housing to allow easy wiring access for the installer.

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

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, 0.080" thick. They are either angled toward the central optic or parallel to the ceiling plane.

DOOR STYLE: *Curved Slotted (CS)* includes perforated rails that slope inward and a diffuse frosted acrylic center optic.

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

Diffuse Center Optic (DCO): UV-stabilized and impact-resistant frosted virgin acrylic. Optional Soft Glow Optic (SGO) available for T8 only.

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

Round Center Optic (DCO): Die-formed cold-rolled steel panel with precision-punched 1/16" round hole pattern arranged in staggered formation. Virgin acrylic overlay.

LIGHT ENGINE: Available in 1 or 2 T8, T5, or T5HO lamp cross sections. Available in 1 lamp FT 40, 50, or 55W high lumen TT5 cross sections for 1x2 only.

BALLAST: UL listed Class P. low profile electronic instant-start ballast <10% THD, 0.88 BF standard for T8 lamps. Electronic program-start ballasts <10% THD, 1.0 BF standard for T5/T5HO lamps. Electronic ballasts <10% THD, standard BF for FT lamps. Contact factory for available BF's. Optional adders: program-start ballasts (standard for T5/T5HO), 347V, emergency battery packs, dimming or bi-level ballasts (controls by others).

ELECTRICAL: Fixtures and electrical components are ETL listed conforming to UL1598 in the USA and Canada, and ETL listed certified to CAN/CSA C22.2 No. 250.0. In accordance with NEC code 410.73 (G) this luminaire contains an internal ballast disconnect. Optional low profile battery pack available for 1x4. Battery pack delivers 1500 lumens.

INTEGRATED SENSORS: Integrated PIR (Passive Infrared) occupancy and/or daylight sensors available. Refer to Occupancy Sensor and Daylight Sensor tech sheets for more info.



MOUNTING: Standard flange design works with most lay-in ceiling types. Integral pry-out tabs secure luminaire to ceiling grid from above. Tie-in locations for tie-wire on all corners. Consult local code for appropriate tie-wire recommendations. Drywall Kit available. Surface mount version available; refer to separate tech sheet.

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

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

WIRING: Master / Satellite wiring available. Contact factory for configuration options.

LABELS: Fixture 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 410.73 (G), this luminaire contains an internal ballast disconnect. IC-Rated. Damp Location. 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 2002/95/EC.

WEIGHT: 1x4 - 25 lbs maximum;
1x2 - 12 lbs maximum.