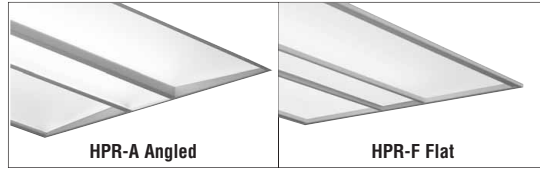


# FINELITE

## High Performance Recessed (HPR) 2x2



Date

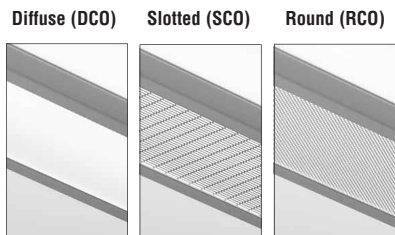
Project

Type

Comments

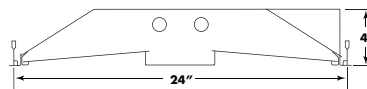
### DESCRIPTION

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.



### CENTER SHIELDING OPTIONS:

HPR is available with three different center-shielding options: a diffuse center optic, a slotted center optic, and a round center optic.

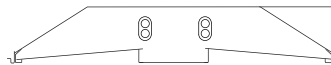


T8 (1, 2, or 3)

T5 / T5HO (1, 2, or 3)

### DIMENSIONS / LIGHT ENGINE:

Available in 1, 2, or 3 T8, T5 or T5HO lamps.



### BIAX LAMP OPTIONS:

Available in 1 or 2 lamp FT 40, 50, or 55W high lumen TT5 cross sections.

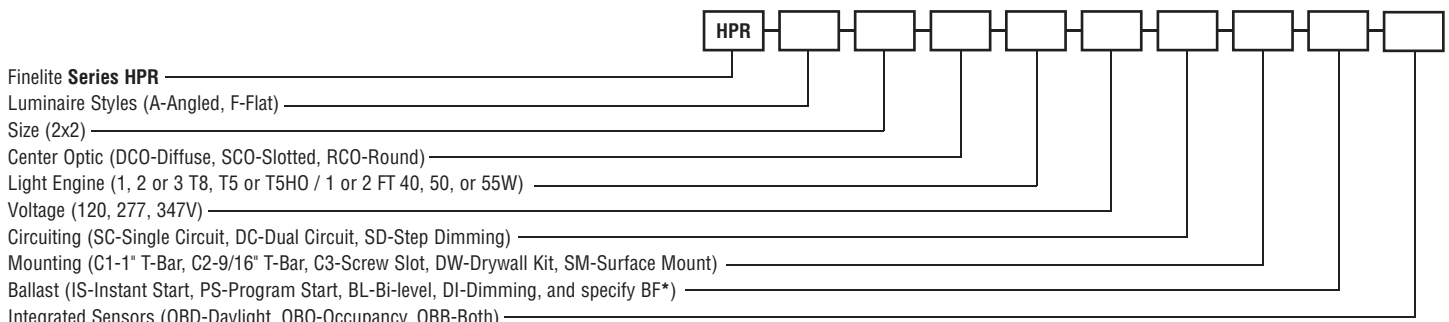


### INTEGRATED SENSORS:

HPR can be specified with integrated daylight or occupancy sensors.

### ORDERING GUIDE

Sample Number: HPR - F - 2x2 - DCO - 1T8 - 277 - SC - C1 - IS.88 - OBO



\* Standard 0.88 for T8 lamps, 1.0 for T5 or T5HO. Contact factory for available BF's  
Contact factory for Master/Satellite and factory-supplied whip options.



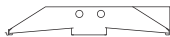
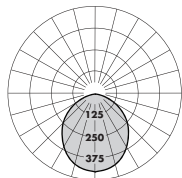
# FINELITE

## High Performance Recessed (HPR) 2x2

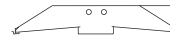
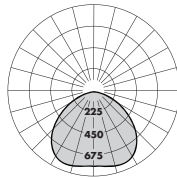
### PHOTOMETRY



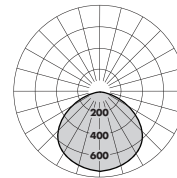
HPR-A: 1 T8-DCO (2x2)  
Efficiency: 80.1%  
Peak Candela Value: 429@ 0°  
LSI Report: 25415



HPR-A: 2 T8-DCO (2x2)  
Efficiency: 86.2%  
Peak Candela Value: 825@ 20°  
LSI Report: 25419



HPR-A: 2 T5-DCO (2x2)  
Efficiency: 87.0%  
Peak Candela Value: 743@ 0°  
LSI Report: 25444



CANDLEPOWER SUMMARY						
	0.0	22.5	45	67.5	90	Flux
0	429	429	429	429	429	
5	429	427	427	425	424	41
10	423	421	420	419	418	
15	413	411	410	408	408	115
20	399	396	395	393	392	
25	380	378	375	372	371	172
30	358	354	350	347	346	
35	330	326	321	318	318	201
40	299	294	289	288	290	
45	264	259	254	258	262	199
50	227	222	219	226	232	
55	189	184	183	191	198	168
60	152	148	148	156	162	
65	117	113	114	121	125	116
70	85	82	82	87	90	
75	55	53	52	55	58	58
80	30	28	28	28	29	
85	10	9	8	7	7	11
90	0	0	0	0	0	

CANDLEPOWER SUMMARY						
	0.0	22.5	45	67.5	90	Flux
0	792	792	792	792	792	
5	790	791	791	792	791	77
10	781	784	792	800	803	
15	766	773	791	810	818	224
20	742	754	786	814	825	
25	712	730	773	809	822	354
30	673	696	748	788	803	
35	626	653	709	749	765	437
40	571	600	656	694	709	
45	510	539	590	624	636	447
50	444	469	514	540	551	
55	374	395	430	449	457	377
60	304	320	346	358	364	
65	236	247	264	272	276	258
70	172	179	189	192	194	
75	114	117	121	122	123	128
80	63	64	64	63	62	
85	23	22	20	18	17	26
90	0	0	0	0	0	

CANDLEPOWER SUMMARY						
	0.0	22.5	45	67.5	90	Flux
0	743	743	743	743	743	
5	743	741	739	737	735	71
10	732	730	730	729	728	
15	713	712	715	717	718	201
20	687	687	694	701	705	
25	654	656	669	683	689	308
30	614	617	639	661	670	
35	567	574	603	632	645	377
40	516	525	560	595	610	
45	461	472	510	547	563	392
50	403	415	452	488	502	
55	343	354	388	417	428	344
60	282	291	319	341	350	
65	223	229	247	263	270	244
70	167	169	180	189	192	
75	112	114	117	120	122	125
80	64	63	63	62	61	
85	24	22	19	17	16	26
90	0	0	0	0	0	

— Refer to [www.finelite.com](http://www.finelite.com) for additional photometry and product information.

### SPECIFICATIONS

**CONSTRUCTION:** Fixture assembly constructed using die-formed 20-gauge cold-rolled steel housing and ends. All components are hard-tooled to tolerances of 0.010". Ballast compartment is accessible from below. Optical system retained using hinged door frame assembly to provide easy access to ballast compartment and for re-lamping from below without the need of tools. 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:** Optical system components include side lens panels and a center optic element held in place with a frame constructed from die-formed cold-rolled steel. The side lenses are UV-stabilized and impact-resistant frosted virgin acrylic, 0.080" thick. They are either angled toward the center optic or parallel to the ceiling plane.

Available options for the center optic elements:

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

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

*Round Center Optic:* Die-formed cold-rolled steel panel with precision-punched 3/32" round hole pattern arranged in staggered formation. Virgin acrylic overlay.

**LIGHT ENGINE:** Available in 1, 2, or 3 T8, T5, or T5HO lamp cross sections. Available in 1 or 2 lamp FT 40, 50, or 55W high lumen TT5 cross sections.

**BALLAST:** UL listed Class P. 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. IC-Rated for all lamping except 3 T5HO. Optional Chicago Plenum available. Contact factory.



**INTEGRATED SENSORS:** Refer to Occupancy Sensor and Daylight Sensor tech sheets for more info.

**MOUNTING:** Standard flange design works with most lay-in ceiling types. Integral pryout tabs secure luminaire to ceiling grid from above. Fixture offers 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.

**AIR RETURN:** Refer to the 2x4, or 2x2 Air Return tech sheets for more info.

**FEED:** 18-gauge wire standard.

**FINISH:** Housing and door assembly painted with 96 LG high reflectance matte white powder coat paint. Available in matte white only.

**WIRING:** Master / Satellite wiring available. Contact factory for configuration options. Optional whips (with flex connectors) supplied in a max. of 11' lengths.

**WEIGHT:** Maximum weight: 2x2 - 16 lbs.