



BUY AMERICAN ACT OF 2009 COMPLIANT

FINELITE

High Performance Wall (HPW-LED)



HPR-LED Collection
2011 IES Progress
Report Selection



Date

Project

Type

Comments

DESCRIPTION

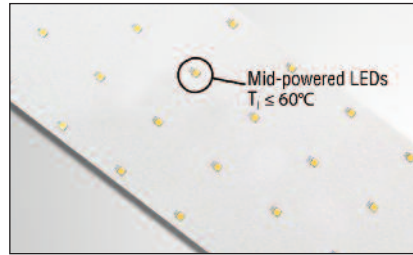
HPW-LED is a high performance recessed asymmetric LED wall wash that delivers excellent visual comfort and uniform vertical illumination for school and office applications.

[GET A QUOTE >](#)



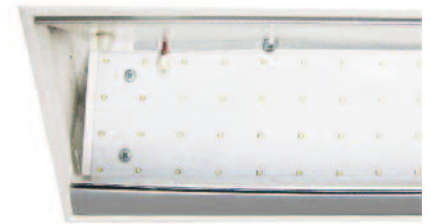
SHIELDING:

HPW-LED is standard with a frosted lens for glare-free lighting and a smooth distribution on the vertical surface. All lenses are UV-stabilized and impact resistant virgin acrylic.



THERMAL MANAGEMENT:

Mid-powered LEDs allow heat to be fully dissipated without the need for additional heat sinks.



100% SERVICEABLE FROM BELOW:

The light engine and driver can be easily changed from below ceiling – and they are simple to install.

ORDERING GUIDE

Sample Number: HPW-LED - 4' - FR - LED - 4000K - 277 - SC - C1



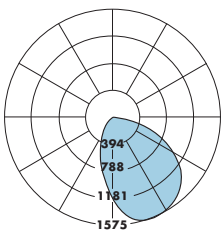
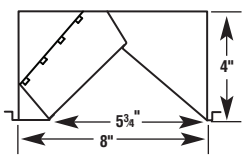
FINELITE



High Performance Wall (HPW-LED)

PHOTOMETRY

HPW-1-LED
 82.3 Lumens Per Watt
 3087 Lumens/37.5 Watts
 CRI: 84
 R9: 16
 CCT: 4000K
 ITL LM79 Report 71178

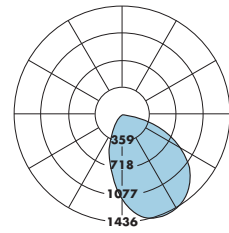
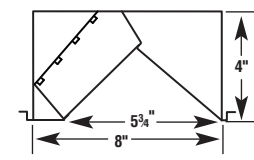


— Refer to www.finelite.com for additional photometry and product information.

CANDLEPOWER SUMMARY						
	0.0	67.5	45	22.5	90	Flux
0	1181	1181	1181	1181	1181	
5	1355	1241	1303	1328	1175	112
15	1552	1299	1452	1528	1121	317
25	1570	1291	1458	1538	1020	465
35	1510	1198	1354	1465	886	536
45	1373	1019	1189	1320	722	536
55	1168	810	980	1127	543	480
65	820	578	725	802	358	368
75	450	353	417	444	187	217
85	73	100	98	86	46	57
90	0	0	0	0	0	

PHOTOMETRY

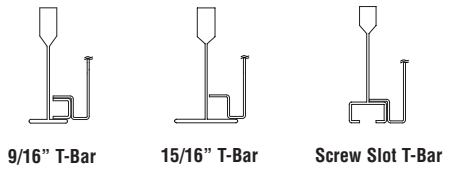
HPW-1-LED
 76.7 Lumens Per Watt
 2807 Lumens/36.6 Watts
 CRI: 84
 R9: 15
 CCT: 3500K
 ITL LM79 Report 71177



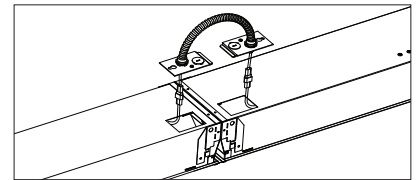
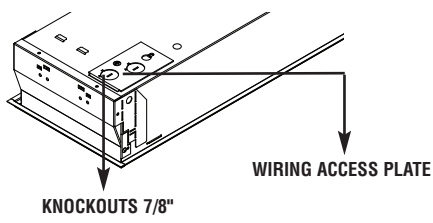
— Refer to www.finelite.com for additional photometry and product information.

CANDLEPOWER SUMMARY						
	0.0	67.5	45	22.5	90	Flux
0	1106	1106	1106	1106	1106	
5	1258	1159	1214	1231	1102	104
15	1416	1204	1336	1394	1050	295
25	1432	1193	1332	1406	956	431
35	1368	1097	1237	1334	827	494
45	1239	939	1081	1194	674	490
55	1034	743	880	1001	505	434
65	707	527	636	702	327	326
75	378	314	351	377	164	186
85	59	81	77	70	41	46
90	0	0	0	0	0	

CEILING SYSTEM INFORMATION



WIRING ACCESS DETAIL



QUICK CONNECT HARNESS:
 Factory-supplied quick connect harness reduces installed costs.

SPECIFICATIONS

CONSTRUCTION: Fixture assembly constructed using die-formed, 20-gauge, cold-rolled steel housing and ends. Lens and drivers are easily removable from below ceiling without the need for tools. The ballast compartment is also accessible from below ceiling by removing the reflector cover. Seismic brackets are integrated into the fixture assembly.

LUMINAIRE LENGTHS: Luminaires are available in 2', 4', and 8' section lengths and can be joined together with factory supplied plug together wiring harnesses.

REFLECTORS: Reflector is die-formed 25-gauge Alanod 8516GP semi-specular aluminum with 94% high reflectance finish.

OPTICAL SYSTEM: Luminaires are standard with frosted lenses. All lenses are UV-stabilized and impact resistant virgin acrylic. Frosted lenses are 0.120" thick.

LIGHT ENGINE: HPW-1-LED (4000K) delivers 3087 lumens at 37.5W and HPW-1-LED (3500K) delivers 2807 lumens at 36.6W. Light engine is made up of high performance mid-powered LEDs and is designed to distribute heat properly to maximize the life of the LED. LED color temperature: 3500K or 4000K. CRI: 84 (4000k), 84 (3500k), R9: 16 (4000k), 15 (3500k).

DRIVER: High performance LED driver. Driver is fully accessible from below the ceiling. *120/277V. Power Factor = 90.6% (4000K) 91.1% (3500K). Contact factory for Emergency Battery backups. Total harmonic distortion : < 20%. Input current: 0.333 @ 120V. *Driver can be wired as dimming or non-dimming. Dimming is compatible with 0-10v controls with a range of 100-20%.

ELECTRICAL: Fixtures and electrical components are ETL certified to UL and C-UL standards. In accordance with NEC code 410.73 (G) this luminaire contains an internal driver disconnect. IC-Rated for all lamping. Optional Chicago Plenum available. Contact factory.

MOUNTING: Standard flange design works with most lay-in ceiling types. Integral pry out tabs secure luminaire to ceiling grid. Support to structure locations on each corner. Consult local code for appropriate support to structure recommendations. Optional drywall kit available.

FEED: 18-gauge wire standard. Quick connect harnesses provided for row configurations.

FINISH: Housing assembly painted with Signal White powder coat finish.

WEIGHT: 2' - 14 lbs, 4' - 18 lbs, 8' - 30 lbs.

WARRANTY: HPW-1-LED comes standard with a 10-year, worry-free warranty on all components.