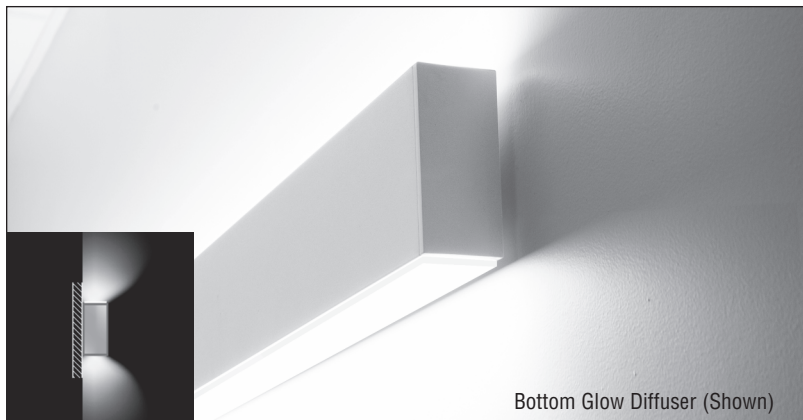


FINELITE

Tunable White High Performance 2" (HP-2) - Wall Mount Indirect/Direct



Bottom Glow Diffuser (Shown)

Date

Project

Type

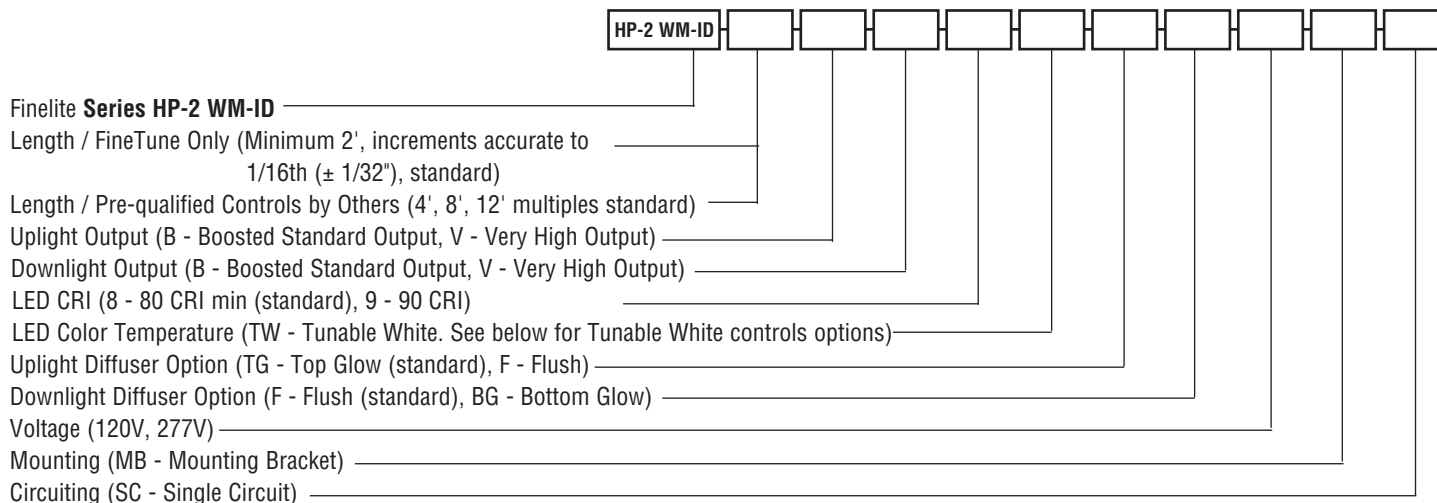
Comments

DESCRIPTION

High Performance 2" Aperture Wall Mount Indirect/Direct (HP-2 WM-ID) is a patented, linear LED luminaire with Flush, Top Glow™ and Bottom Glow™ options for up- and downlight. The micro shape delivers excellent performance using an advanced optical design and mid-power LEDs to achieve 90% of initial light output at 100,000+ hours.

ORDERING GUIDE

Sample Number: HP-2 WM-ID - 32'- B - V - 8 - TW - TG - F - 120V - MB - SC



TUNABLE WHITE CONTROLS OPTIONS: SELECT ONE



FineTune controller with FineTune DMX Driver

OR

- Controls by others with pre-qualified DMX driver
- Controls by others with pre-qualified DALI driver
- Controls by others with pre-qualified PoE setup
- Controls by Lutron with pre-qualified Lutron driver

Protected by one or more US Patents: 8915613; D702,391; D702,390; D700,732; D727,554 S; D727,550 S, D727,551 S

Finelite, Inc. • 30500 Whipple Road • Union City, CA 94587-1530 • 510 / 441-1100 • Fax: 510 / 441-1510 • www.finelite.com

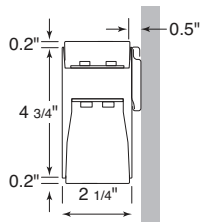
Due to continuing product improvements, Finelite reserves the right to change specifications without notice. Please visit www.finelite.com for most current data.

FINELITE

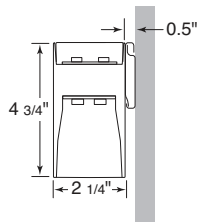
Tunable White High Performance 2" (HP-2) - Wall Mount Indirect/Direct

LUMINAIRE FEATURES

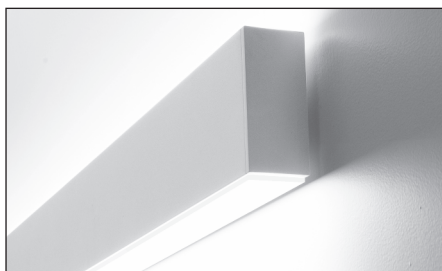
Top Glow Diffuser (Standard)



Bottom Glow Diffuser (Optional)



Flush Uplight and Downlight Diffuser (Standard)



DIMENSIONS & LIGHT ENGINE

A glare-free experience is attained with mid-power LEDs and a precise diffuser to eliminate pixilation.

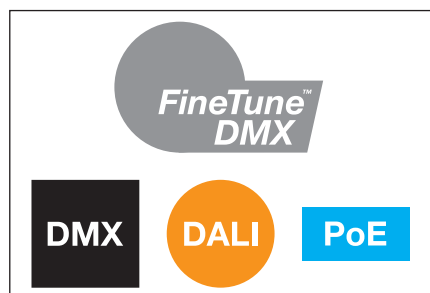
BOTTOM GLOW DIFFUSER

The optional Bottom Glow diffuser adds a clean line of light along the downlight element.

SEAMLESS ILLUMINATION

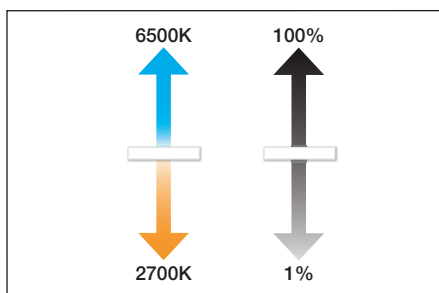
The optical design features seamless diffusers up to 12' in length and eliminates socket shadows at joints and corners.

TUNABLE WHITE FEATURES



MULTIPLE CONTROL ARCHITECTURES

Finelite's FineTune™ DMX, qualified DMX, DALI (open and proprietary), or PoE (Power over Ethernet).



TUNABLE WHITE

Any CCT between 2700K and 6500K with excellent CRI and R9 values; dimming from 100% to 1%.



FINETUNE SYSTEM

Award-winning control system, which includes intuitive wall mounted controller, power control center, driver, and mobile app to easily tailor lighting to match user preference.

Protected by one or more US Patents: 8915613; D702,391; D702,390; D700,732; D727,554 S; D727,550 S, D727,551 S

Finelite, Inc. • 30500 Whipple Road • Union City, CA 94587-1530 • 510 / 441-1100 • Fax: 510 / 441-1510 • www.finelite.com

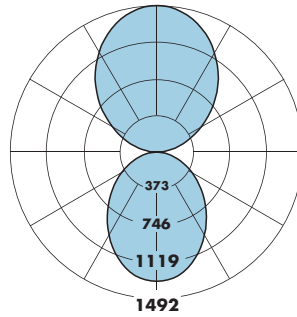
Due to continuing product improvements, Finelite reserves the right to change specifications without notice. Please visit www.finelite.com for most current data.

FINELITE

Tunable White High Performance 2" (HP-2) - Wall Mount Indirect/Direct

PHOTOMETRY

Very High Output / Very High Output - 4' Luminaire
 Distribution: 55% Up (V) / 45% Down (V)
 Uplight: 3813 lumens (953 lumens/foot)
 Downlight: 3175 lumens (794 lumens/foot)
 Total luminaire output: 6988 lumens (1747 lumens/foot)
 CCT: 3500K
 ITL LM79 Report 85132



CANDLEPOWER SUMMARY						
	0.0	22.5	45	67.5	90	Flux
0	1314	1314	1314	1314	1314	1314
5	1306	1307	1305	1304	1304	124
15	1241	1233	1231	1225	1220	346
25	1114	1098	1089	1076	1064	501
35	942	925	910	887	877	568
45	749	734	718	693	683	552
55	553	542	526	506	499	470
65	368	360	349	337	332	346
75	203	198	192	187	184	204
85	60	59	58	57	55	64
90	0	0	0	0	0	0
95	71	68	68	69	70	77
105	244	241	236	235	234	252
115	442	439	437	427	425	431
125	661	649	653	643	638	581
135	884	871	875	866	866	673
145	1099	1084	1088	1084	1077	679
155	1283	1268	1275	1269	1263	585
165	1415	1405	1408	1406	1403	396
175	1482	1482	1482	1482	1481	141
180	1492	1492	1492	1492	1492	

	↑ Indirect	↓ Direct
Total Light Output, 3500K, 80 CRI (Lumens) - 4' Luminaire		
	↑B*	↑V**
↓B*	3596 [↑55% 45%↓]	5447 [↑70% 30%↓]
↓V*	5137 [↑38% 62%↓]	6988 [↑55% 45%↓]

Light Output, 3500K, 80 CRI (Lumens Per Foot)		
	↑B*	↑V**
↓B*	899	1362
↓V*	1284	1747

Power (Watts Per Foot)		
	↑B*	↑V**
↓B*	10.1	15.2
↓V*	15.2	20.3

Efficacy, 3500K, 80 CRI (Lumens Per Watt)		
	↑B*	↑V**
↓B*	89	90
↓V*	85	86

* Family Correlation based on 4' luminaire 3500K Very High Output (V) test - 120V.
 ** Correlation based on ITL report: 85132

B - Boosted Standard Output, V - Very High Output

Lumen Adjustment Factors - 80 CRI	
2700K	0.968
3000K	0.985
3500K	1.000
4000K	1.032
6500K	1.032

Lumen Adjustment Factors - 90 CRI	
2700K	0.731
3000K	0.746
3500K	0.760
4000K	0.789
6500K	0.789

Apply a lumen adjustment factor to calculate lumens for the desired CCT and CRI

SAMPLE LUMEN ADJUSTMENT CALCULATION

Boosted Standard Output (B) /
 Very High Output (V), 4000K, 90 CRI

$$\text{Lumen Adjustment Factor} = 0.789$$

$$\text{Total Light Output} = 5137 \text{ lm} \times 0.789 = 4053 \text{ lm}$$

$$\text{Total Light Output per Foot} = 1284 \text{ lm/ft} \times 0.789 = 1013 \text{ lm/ft}$$

$$\text{watts/foot} = 15.2 \text{ W/ft}$$

$$\text{Efficacy} = \frac{1013 \frac{\text{lm}}{\text{ft}}}{15.2 \frac{\text{W}}{\text{ft}}} = 67 \text{ lm/W}$$

Protected by one or more US Patents: 8915613; D702,391; D702,390; D700,732; D727,554 S; D727,550 S, D727,551 S

Finelite, Inc. • 30500 Whipple Road • Union City, CA 94587-1530 • 510 / 441-1100 • Fax: 510 / 441-1510 • www.finelite.com

Due to continuing product improvements, Finelite reserves the right to change specifications without notice. Please visit www.finelite.com for most current data.

FINELITE

Tunable White High Performance 2" (HP-2) - Wall Mount Indirect/Direct

SPECIFICATIONS

CONSTRUCTION: Precision-cut 6061-T6 extruded aluminum body. Internal joiner system, plug-together wiring, standard.

ENDCAPS: Flat diecast aluminum endcaps add 0.25" to each end of luminaire.

MITERED CORNER / FINETUNE ONLY: Illuminated 90° corners in a single plane, with Flush downlight diffuser, standard. Custom angles are available (90° minimum on inside corners), contact factory.

REFLECTORS: Die-formed 24-gauge cold-rolled steel reflectors are finished in 96 LG high reflectance matte white powder coat paint.

UPLIGHT DIFFUSER: 12' maximum diffuser length. Top Glow frost white diffuser standard, 73% transmissive, 99% diffusion. Internal secondary diffusers at corners ensure visually seamless, uniform, continuous illumination. Optional: Flush frost white snap-in diffuser, 73% transmissive, 99% diffusion.

DOWNLIGHT DIFFUSER: 12' maximum diffuser length. Flush frost white snap-in diffuser standard, 73% transmissive, 99% diffusion. Internal secondary diffusers at corners ensure visually seamless, uniform, continuous illumination. Optional: Bottom Glow™ frost white snap-in diffuser option, 73% transmissive, 99% diffusion.

LIGHT OUTPUT: Two lumen packages available, Boosted Standard Output (B) and Very High Output (V). A separate chart summarizes lumen distribution and wattage. Light engines are replaceable.

LUMEN MAINTENANCE: 90% of initial light output (L90) at 100,000+ hours; 70% of initial light output (L70) at 200,000+ hours.

TUNABLE WHITE DRIVER: Replaceable LED driver. Driver is fully accessible from below ceiling. 120/277V. Power factor >0.90. Total Harmonic Distortion (THD): <20%. Dimming Range: 100 - 1%. Expected driver life-time: 100,000 hours.

ELECTRICAL:

Emergency Option DMX: Battery backup only

Emergency Option DALI: Battery backup, emergency-to-generator/ Inverter wiring

Emergency Option LUTRON: Battery backup, emergency-to-generator/ inverter wiring

Emergency Option PoE: Contact factory.

Battery Backup: Factory-choice low-profile backup battery available. 8' minimum luminaire length for low profile battery pack. Backup batteries deliver 1000 lumens. Half of a 4' section will be illuminated in emergency mode. Backup battery will operate 6500K in emergency.

MOUNTING: Luminaire hangs securely from mounting brackets fastened directly to the wall for easy installation. Luminaire stands 0.5" off the wall. The mounting bracket is concealed behind the luminaire.

DMX INTERCONNECTION CABLES: Luminaires are prewired with plug-and-play interconnection cables to support easy plug-together joining of luminaire runs. If a non-FineTune DMX system has been specified, a DMX to RJ45 converter is provided.

FINISHES: Finelite Signal White powder coat standard. Optional Adders: 185 Tiger Drylac's RAL colors.

FEED: Standard with one 18-gauge single-circuit feed. 14-gauge feed used when luminaire current exceeds 5 amps. DMX and power feed at same location (standard). Optional 6' flex conduit whips available for power feed. DMX feeds cannot be cut or spliced. DMX feeds should be ordered based on fixed lengths.

LENGTHS / FINETUNE ONLY: Any length, 2-foot minimum, in increments down to 1/16th-inch (± 1/32"). 12-foot maximum section length.

LENGTHS / PRE-QUALIFIED CONTROLS BY OTHERS: 4', 8', and 12' sections can be combined to make longer runs.

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 410.73 (G), this luminaire contains an internal driver disconnect. 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: 2.9 lb/ft.

WARRANTY: 10-year performance-based warranty on all standard components. Qualified drivers by others and optional accessories such as emergency battery packs are covered by their individual manufacturer warranties.

TUNABLE WHITE PRE-QUALIFIED DRIVERS BY OTHERS

DMX	DALI	POE set up	LUTRON
EldoLED	EldoLED, Crestron	Contact Factory	LUTRON

NOTE: For a complete list of system option/limitations [please click here](#).

Protected by one or more US Patents: 8915613; D702,391; D702,390; D700,732; D727,554 S; D727,550 S, D727,551 S

Finelite, Inc. • 30500 Whipple Road • Union City, CA 94587-1530 • 510 / 441-1100 • Fax: 510 / 441-1510 • www.finelite.com

Due to continuing product improvements, Finelite reserves the right to change specifications without notice. Please visit www.finelite.com for most current data.