

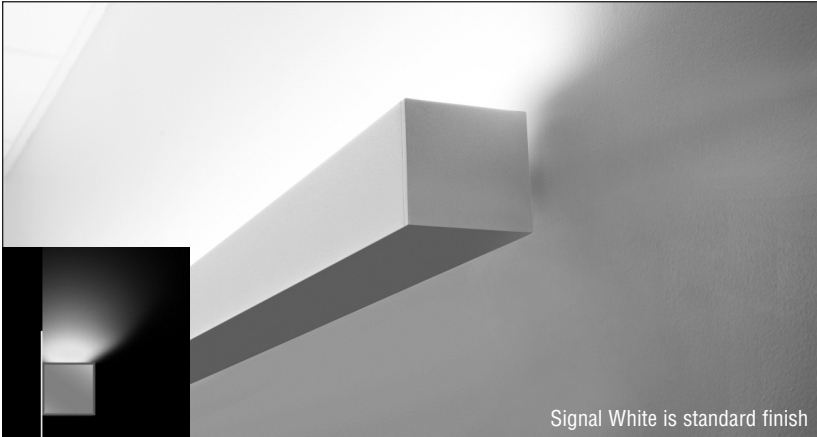
FINELITE

LED



BUY AMERICAN ACT OF 2009 COMPLIANT

Tunable White High Performance 4" (HP-4) - Wall Mount Indirect



Signal White is standard finish

Date

Project

Type

Comments

DESCRIPTION

High Performance 4" Aperture Wall Mount Indirect (HP-4 WM-I) is a patented, linear LED luminaire with Flush and Top Glow™ options for the uplight. Advanced optical design and mid-power LEDs deliver an efficient, long-lasting luminaire free of glare and socket shadows for single and continuous lighting applications.

ORDERING GUIDE

Sample Number: HP-4 WM I - 32' - V - 8 - TW - TG - 120V - MB - SC

Finelite **Series HP-4 WM-I**

Length / FineTune Only (Minimum 2', increments accurate to 1/16th (± 1/32"), standard)

Length / Pre-qualified Controls by Others (4', 8', 12' multiples standard)

Light Output (B - Boosted Standard Output, V - Very High Output)

LED CRI (8 - 80 CRI min (standard), 9 - 90 CRI min)

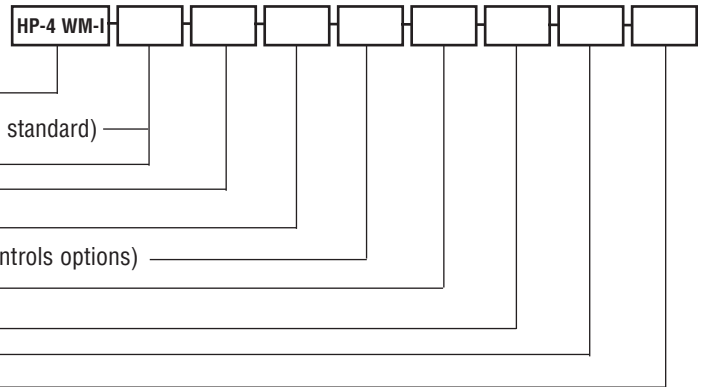
LED Color Temperature (TW - Tunable White. See below for Tunable White controls options)

Uplight Diffuser Option (TG - Top Glow (standard), F - Flush)

Voltage (120V, 277V)

Mounting (MB)

Circuiting (SC - Single Circuit)



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

A brand of Legrand

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.

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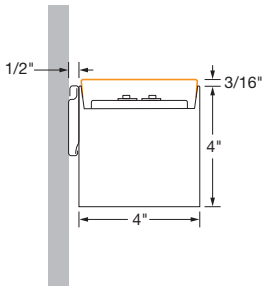
© 2019 FINELITE, INC. ALL RIGHTS RESERVED. Form CTK0091_V3 EFFECTIVE DATE:03/18/19



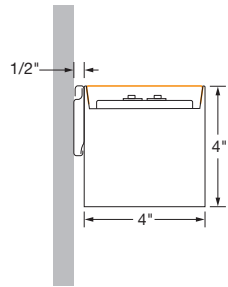
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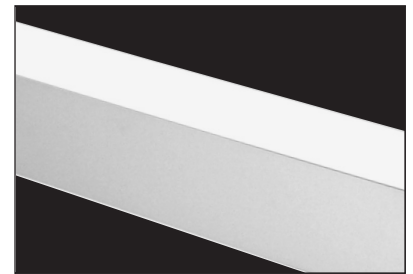
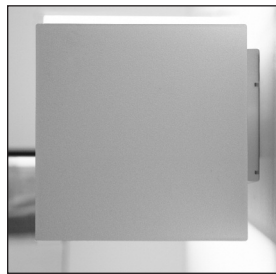
LUMINAIRE FEATURES



**Top Glow Diffuser
(Standard)**



**Flush Uplight Diffuser
(Optional)**



DIMENSIONS & DIFFUSER

The patented Top Glow diffuser is standard and provides an added architectural element.

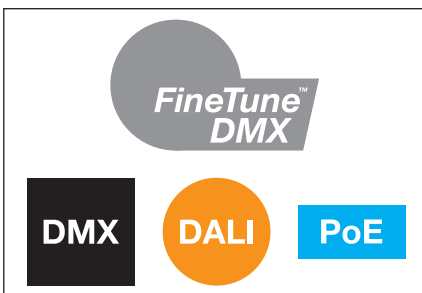
MOUNTING BRACKET (MB)

Luminaire hangs securely from mounting brackets fastened directly to wall.

SEAMLESS ILLUMINATION

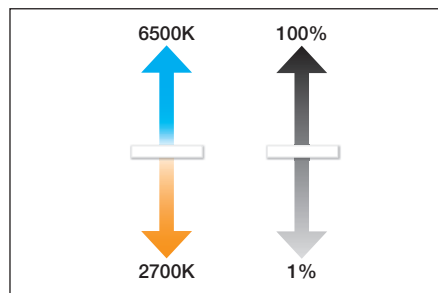
Internal secondary diffusers at corners ensure visually seamless, uniform, continuous illumination.

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.

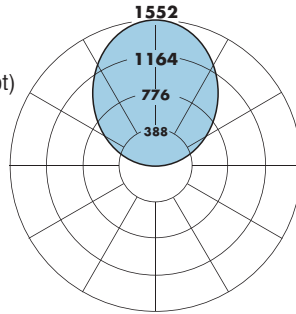
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PHOTOMETRY

Very High Output - 4' Luminaire
 Total luminaire output: 4114 Lumens (1029 lumens/foot)
 Peak Candela Value: 1552 @ 180°
 CCT: 3500K
 ITL LM79 Report ITL85127



CANDLEPOWER SUMMARY						
	0.0	22.5	45	67.5	90	Flux
90	0	0	0	0	0	0
95	76	77	79	80	80	88
105	264	263	267	270	269	283
115	487	481	482	489	484	479
125	714	715	714	708	710	637
135	943	947	947	940	937	727
145	1161	1151	1166	1155	1151	724
155	1343	1332	1341	1338	1331	616
165	1475	1467	1473	1471	1468	414
175	1542	1542	1543	1543	1542	146
180	1552	1552	1552	1552	1552	

Total Light Output, 3500K, 80 CRI (Lumens) - 4' Luminaire

B*	V**
2117	4114

Light Output, 3500K, 80 CRI (Lumens Per Foot)

B*	V**
529	1029

Power (Watts Per Foot)

B*	V**
5.0	10.1

Efficacy, 3500K, 80 CRI (Lumens Per Watt)

B*	V**
105	102

B - Boosted Standard Output, V - Very High Output

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

** Based on ITL report: 85127

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), 4000K, 90 CRI

Lumen Adjustment Factor = 0.789

Total Light Output =
 2117 lm x 0.789 = 1670 lm

Total Light Output per Foot =
 529 lm/ft x 0.789 = 417 lm/ft

watts/foot = 5.0 W/ft

$$\text{Efficacy} = \frac{417 \frac{\text{lm}}{\text{ft}}}{5.0 \frac{\text{W}}{\text{ft}}} = 83 \text{ lm/W}$$



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Tunable White High Performance 4" (HP-4) - Wall Mount Indirect

SPECIFICATIONS

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

ENDCAPS: Flat diecast aluminum endcaps add 1/4" 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 20-gauge cold-rolled steel reflectors are finished in 96 LG high reflectance matte white powder coat paint.

DIFFUSER: Patented Top Glow frost white lens standard. 12' maximum lens length. 73% transmissive, 99% diffusion. Internal secondary diffusers at corners ensure visually seamless, uniform, continuous illumination. Optional: Flush frost white snap-in lens, 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 accessible from below the ceiling. 120/277V. Power factor >0.90. Total Harmonic Distortion (THD): <20%. Dimming Range: 100 - 1%. Expected driver lifetime: 100,000 hours.

LUTRON DRIVER OPTIONS: LutDTW (1% T-Series 2-Channel Digital Tunable White (PSQ Series)).

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 fixture length for low profile battery pack. Backup batteries deliver 1400 lumens. Half of a 4' section will be illuminated in emergency mode. Backup battery will operate 6500K in emergency.

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

DMX INTERCONNECTION CABLES: Luminaires are prewired with plug-and-play interconnection cables to support easy plug-together joining of fixture 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 Adder: 185 Tiger Drylac's RAL colors.

FEED: Standard with one 18-gauge single-circuit feed. 14-gauge feed used when fixture 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 longers runs.

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 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 2011/65/EU.

WEIGHT: 2.8 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](#).