

Date

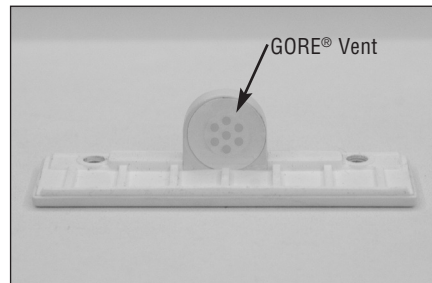
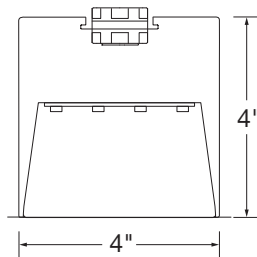
Project

Type

Comments

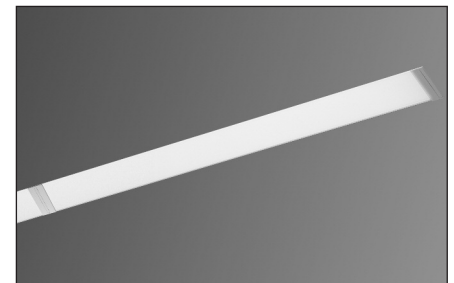
DESCRIPTION

High Performance 4" Aperture Wet Location Recessed (HP-4 WL R) is a linear LED luminaire listed for wet location and IP65 and IK10 rated. HP-4 WL R delivers uniform illumination with a clean linear aesthetic free of visible attachment hardware.



INTEGRATED GORE® PROTECTIVE VENT

Protective vents are integrated at endcaps and joints to equalize pressure, reduce condensation and protect internal fixture components against water, salts, corrosive liquids and particulates.



INDEPENDENT OR CONTINUOUS ROWS

2', 3', 4', 5', 6', 7', and 8' section lengths. Independent and continuous rows available. More information on page 2.

ORDERING GUIDE

Sample Number: HP-4 WL R - 32' - S - 835 - F - 120V - SC - VF

Finelite HP-4 WL R

Length (Minimum 2', increments of 1', standard)

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

LED CRI/CCT (**830** - 80 CRI min, 3000K **930** - 90 CRI min, 3000K;

835 - 80 CRI min, 3500K **935** - 90 CRI min, 3500K;

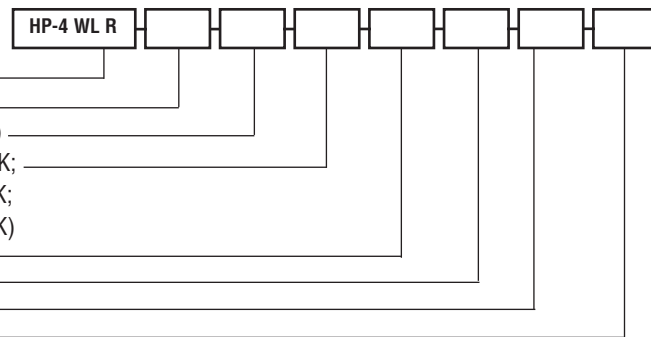
840 - 80 CRI min, 4000K **940** - 90 CRI min, 4000K)

Downlight Option (**F** - Flush (standard))

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

Circuiting (**SC** - Single Circuit)¹

Ceiling Type² (**SF** - Spackle Flange³, **VF** - Visible Flange)



¹ Contact factory for switching options.

² Not Suitable for Vertical Mounting.

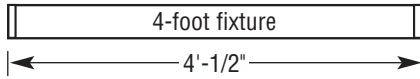
³ See page 2 for spackle flange depth options on ordering.

INDEPENDENT OR CONTINUOUS ROWS

2', 3', 4', 5', 6', 7', and 8' section lengths. Independent and continuous rows available.

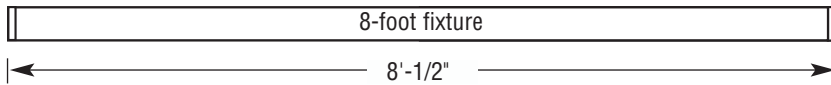
For **independent luminaires** add **1/4"** for each endcap for overall length.

Example: 4' = 4'-1/2"



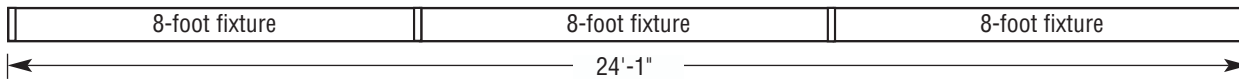
Endcap and Joints = **1/4"**

Example: 8' = 8'-1/2"



For **continuous rows** add **1/4"** for each endcap and **1/4"** for each joint for overall length.

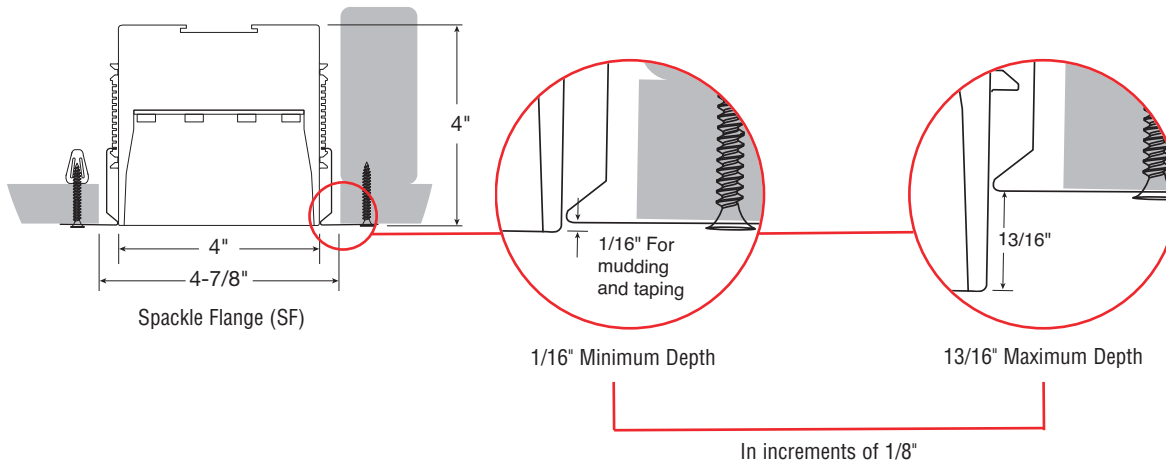
Example: 24' = 24'-1"



Above drawing is not to scale.

SPACKLE FLANGE DEPTH OPTIONS

Spackle Flange can be specified to various depths to accommodate different building materials and thicknesses. The minimum depth is 1/16" and can be specified in 1/8" increments up to a maximum depth of 13/16".



PHOTOMETRY - Recessed

Very High Output - 4' Luminaire

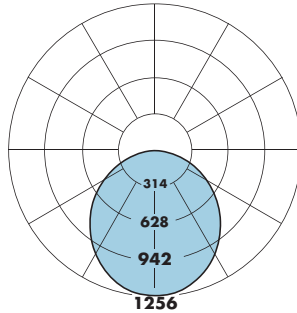
Efficacy (Lumen per watt): 94

Total luminaire output: 3456 Lumens (864 lumens/foot)
36.9 Watts (9.2 watts/foot)

Peak Candela Value: 1256 @ 0°

CCT: 3500K

ITL LM79 Report 90390



| CANDLEPOWER SUMMARY | | | | | | |
|---------------------|------|------|------|------|------|------|
| | 0.0 | 22.5 | 45 | 67.5 | 90 | Flux |
| 0 | 1256 | 1256 | 1256 | 1256 | 1256 | |
| 5 | 1250 | 1250 | 1250 | 1249 | 1249 | 119 |
| 15 | 1203 | 1195 | 1199 | 1199 | 1195 | 338 |
| 25 | 1107 | 1095 | 1103 | 1098 | 1094 | 507 |
| 35 | 976 | 964 | 968 | 960 | 957 | 603 |
| 45 | 814 | 804 | 804 | 797 | 792 | 618 |
| 55 | 629 | 622 | 620 | 612 | 607 | 553 |
| 65 | 430 | 426 | 422 | 417 | 414 | 417 |
| 75 | 226 | 225 | 223 | 222 | 224 | 237 |
| 85 | 52 | 54 | 55 | 56 | 57 | 64 |
| 90 | 0 | 0 | 0 | 0 | 0 | |

| Total Light Output, 3500K, 80 CRI (Lumens) - 4' Luminaire | | | |
|---|------|------|------|
| S* | B* | H* | V** |
| 1415 | 1779 | 2688 | 3456 |

| Lumen Adjustment Factors - 80 CRI | |
|-----------------------------------|-------|
| 3000K | 0.985 |
| 3500K | 1.000 |
| 4000K | 1.032 |

| Light Output, 3500K, 80 CRI (Lumens Per Foot) | | | |
|---|-----|-----|-----|
| S* | B* | H* | V** |
| 354 | 445 | 672 | 864 |

| Lumen Adjustment Factors - 90 CRI | |
|-----------------------------------|-------|
| 3000K | 0.746 |
| 3500K | 0.760 |
| 4000K | 0.789 |

| Power (Watts Per Foot) | | | |
|------------------------|-----|-----|-----|
| S* | B* | H* | V** |
| 3.6 | 4.6 | 7.1 | 9.2 |

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

| Efficacy, 3500K, 80 CRI (Lumens Per Watt) | | | |
|---|----|----|-----|
| S* | B* | H* | V** |
| 98 | 97 | 95 | 94 |

SAMPLE LUMEN ADJUSTMENT CALCULATION
High Output (H), 4000K, 90 CRI
Lumen Adjustment Factor = 0.789

S - Standard Output, B - Boosted Standard Output, H - High Output, V - Very High Output

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

** Based on ITL report: 90390

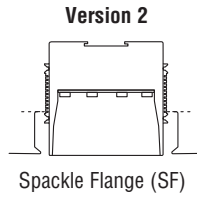
$$\text{Total Light Output} = 2688 \text{ lm} \times 0.789 = 2121 \text{ lm}$$

$$\text{Total Light Output per Foot} = 672 \text{ lm/ft} \times 0.789 = 530 \text{ lm/ft}$$

$$\text{watts/foot} = 7.1 \text{ W/ft}$$

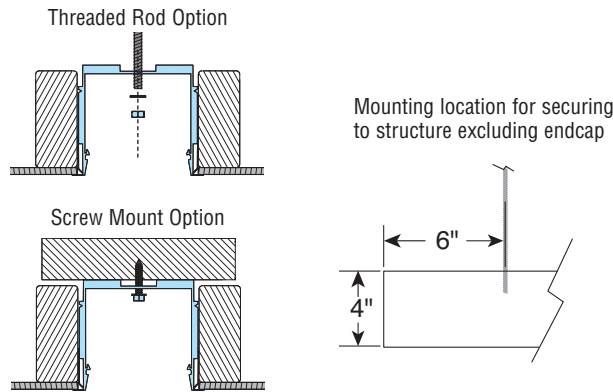
$$\text{Efficacy} = \frac{530 \frac{\text{lm}}{\text{ft}}}{7.1 \frac{\text{W}}{\text{ft}}} = 75 \text{ lm/W}$$

HOUSINGS

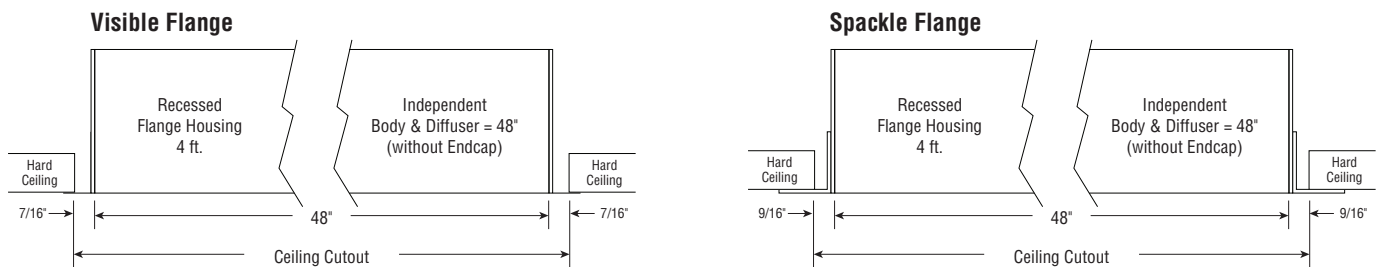


HARD CEILING MOUNTING OPTIONS

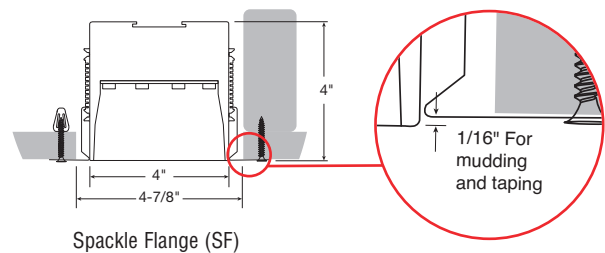
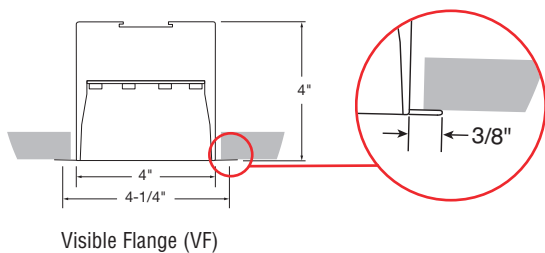
Two mounting options: threaded rod and screw mounting options. Mounting locations are located on each end of the luminaire. Mounting location is 6" away from each end of luminaire.



HARD CEILING LENGTH DETAIL - 4' example



ROUGH-IN DIMENSIONS



Spackle Flange can be specified to various depths to accommodate different building materials and thicknesses. The minimum depth is 1/16" and can be specified in 1/8" increments up to a maximum depth of 13/16".

A brand of **legrand**

SPECIFICATIONS

WET LOCATION: UL wet location listed and IP65 rated.

IMPACT PROTECTION: IK10

SPECIAL FEATURES: Integrated GORE® protective vent allows moisture to escape the fixture without letting water in and protects internal components from salts, corrosive liquids, and particulates.

TEMPERATURE RATING: Rated for -20°C to 40°C

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. Each joints add 1/4" to overall length.

REFLECTORS: Die-formed 20-gauge cold-rolled steel reflectors finished in 96LG High Reflectance white powder coat paint.

DOWNLIGHT OPTION: Internal gaskets prevent moisture and debris. 8' maximum lens length. Flush frost white snap-in impact resistant acrylic lens standard, 63% transmissive, 99% diffusion.

LIGHT OUTPUT: Four lumen packages available, Standard Output (**S**), Boosted Standard Output (**B**), High Output (**H**), and Very High Output (**V**). Light engines are replaceable.

DRIVER: Replaceable 120V/277V and 347V Constant Current Reduction dimming driver standard. Can be wired dimming or non-dimming. 0-10V dimming controls with a range of 10%- 100%. Dimming to 1% available; consult factory. Driver is fully accessible from below the ceiling. Power Factor: ≥0.9. Total Harmonic Distortion (THD) <20%.

ELECTRICAL: Optional emergency to generator, internal generator transfer switch, and nightlight wiring.

MOUNTING: Visible flange mounting offers a 3/8" visible flange integral to the extruded luminaire body. Spackle flange option also available. Not suitable for vertical mounting.

FINISHES: Finelite Signal White (**SW**) powder coat standard. Finelite Black (RAL 9005) with semi gloss fine texture (**FB**)¹ and Satin Aluminum (**SA**)¹ are available. Optional Adders: 185 RAL colors¹.

LENGTHS: 2', 3', 4', 5', 6', 7', and 8' section lengths. Independent and continuous rows available.

LABELS: Luminaire and electrical components are ETL-listed conforming to UL1598 in the U.S.A. and CAN/CSA C22.2 No. 250.0 in Canada. In accordance with NEC Code 410.130 (G), this luminaire contains an internal driver disconnect. UL wet location listed and IP65. 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 2015/863.

WEIGHT: 3.60 lb/ft.

WARRANTY: 5-year performance-based warranty on all standard components.

¹ 20 business days lead time for color