

4" LED Wall Wash Downlight **LF4LEDG4** 120V-277V High Efficacy 0-10V Dimming

DATE: _____ TYPE: _____

FIRM NAME: _____

PROJECT: _____

LiteFrame®

Ceiling Cutout: 5"
Maximum Ceiling Thickness 1 1/4"
For conversion to millimeters,
multiply inches by 25.4
Not to Scale

APPLICATIONS:

LiteFrame LF4LED is a 4" specification grade LED wall wash downlight that utilizes remote phosphor technology to obtain color consistency, energy savings, and low maintenance costs. 50,000 hours minimum life up to 35°C (95°F) in open plenum applications.

HOUSING:

One-piece 22 gauge non-corrosive steel platform. Pre-wired j-box with snap-on cover for easy access. Snap-in-connection from driver compartment allows easy installation of light engine/trim assembly without tools above or below the ceiling and can be upgraded to accommodate technology improvements. Approve for 8 (4 in/4 out) No. 12 AWG conductors rated for 90°C through wiring.

REFLECTOR:

High purity aluminum, Alzak, iridescence suppressed, semi-diffuse upper reflector. Self-trim standard. Painted white self-trim (WT) available as option. Reflector is made from anodized Alanod Miro 4 aluminum.

LED LIGHT ENGINE:

The LF4LED uses the Philips Fortimo DLM Gen 4 LED Module with remote phosphor technology. This technology provides controlled color consistency (3 SDCM) from fixture to fixture. The system is designed for optional life and lumen maintenance (>50,000 hours at 70% lumen maintenance). Both reflector and light engine assembly are mechanically retained to housing. The light engine comes standard with 80 CRI in all Kelvin temperatures.

LED DRIVER:

The LF4LED utilizes the Philips Fortimo LED Driver specifically designed to optimize efficiency of the Fortimo DLM Module. Driver is designed to match the 50,000 hours minimum life expectancy of the system. Meets UL Class 2, inherent short circuit protection, self limited, overload protected. If critical temperatures are reached on driver or LED module, integrated thermal feedback loop will gradually reduce current to protect system life. Driver is universal 120V-277V. Optional Lutron Series A driver is also available.

DIMMING:

Comes standard with 0-10V dimming capability. Flicker-free dimming to 10%. 0-10V control may consume up to 1mA. 0-10V, Lutron 2 wire, 3 wire, and EcoSystem dimming available to 1% and DMX with RDM (remote device management) dimming to less than 0.1%.

INSTALLATION:

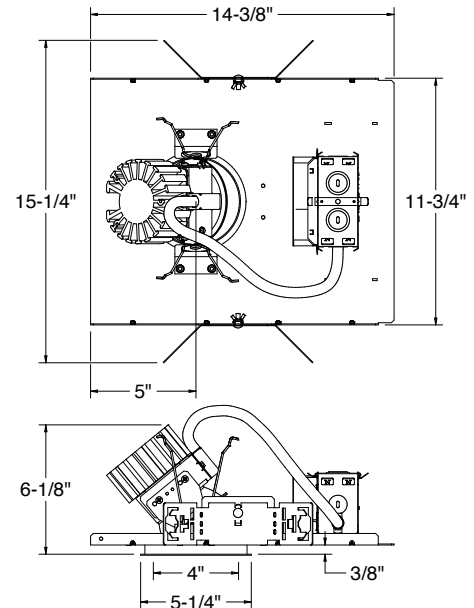
Adjustable Bar hangers included. Universal adjustable mounting brackets also accept 1/2" EMT conduit or 1 1/2" or 3/4" lathing channel (by others) or Prescolite 24" bar hangers (B24 or B6).

CERTIFICATIONS:

CSA certified to US and Canadian safety standards. Suitable for damp locations. Approved for through wiring. Non-IC rated.

WARRANTY:

5 year warranty. See www.prescolite.com for details.



CATALOG NUMBER:

EXAMPLE: LF4LEDG4-4LFLED5G430KWW
EXAMPLE: LF4LED7G4120HDM-4LFLED7G435KWHWTWW

Order housing, reflector, and accessories separately

HOUSING/LED GENERATION	VOLTAGE	TRIM	LED COLOR TEMP	REF. FINISH	LOWER REF. COLOR	REF. OPTIONS	ACCESSORIES
<input type="checkbox"/> LF4LEDG4 4" High Efficacy LED Housing with 0-10V Dimming to 10%	<input type="checkbox"/> Blank 120V-277V <input type="checkbox"/> 347	<input type="checkbox"/> 4LFLED5G4 1100 Lumen Module <input type="checkbox"/> 4LFLED6G4 1500 Lumen Module <input type="checkbox"/> 4LFLED7G4 2000 Lumen Module	<input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K	<input type="checkbox"/> Blank Semi-Diffuse	<input type="checkbox"/> Blank Clear <input type="checkbox"/> CG Champagne Gold <input type="checkbox"/> BL Black <input type="checkbox"/> WE Wheat <input type="checkbox"/> LW Light Wheat <input type="checkbox"/> PW Pewter <input type="checkbox"/> WH¹ White Paint	<input type="checkbox"/> WT White Trim <input type="checkbox"/> TRG Trim ring gasket <input type="checkbox"/> WW² Wall Wash	<input type="checkbox"/> B24 Set of two 24" bar hangers for T-bar ceilings <input type="checkbox"/> B6 Set of two (2) bar hangers for ceiling joist up to 24" centers <input type="checkbox"/> LiteGear See page 3 for availability

**Use with HDM/DM1/2DM/DMX dimming option:
Match Housing to Trim Output**

- LF4LED5G4** **120** **HDM³**
Lutron 3-wire /Eco System to 1%
- LF4LED6G4** **277** **2DM³**
Lutron 2-wire Leading Edge to 1% (120V only)
- LF4LED7G4** **DM1³**
0-10V dimming to 1%
- DMX³**
DMX with RDM dimming to <0.1%.

NOTES

- ¹ Requires WT option also
- ² Must select WW on trim
- ³ For HDM, DM1, DMX, and 2DM options, housing output must match trim output



In a continuing effort to offer the best product possible we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product.
Web: www.prescolite.com • Tech Support: (888) 777-4832

LFR-LED-030

ALTERNATIVE DIMMING TO 1% & 0.1% STANDARD 0-10V DIMMING

PHOTOMETRIC DATA

DRIVER DATA	LF4LED5G4 30K	LF4LED6G4 30K	LF4LED7G4 30K
Input Voltage	120-277V	120-277V	120-277V
Input Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Input Current	0.12A (120v) 0.05A (277v)	0.16 (120v) 0.07 (277v)	0.22A (120v) 0.10A (277v)
Input Power	14.3W	18.9W	26.6W
Constant Current Output	200-1000mA	200-1000mA	200-1000mA
Power Factor	≥0.90	≥0.90	≥0.90
THD	<20%	<20%	<20%
EMI Filtering	FCC 47CFR Part 15, Class A	FCC 47CFR Part 15, Class A	FCC 47CFR Part 15, Class A
Operating Temperature	-20°C to 55°C	-20°C to 55°C	-20°C to 55°C
Dimming	0-10V	0-10V	0-10V

Over-voltage, over-current, short-circuit protected

Central Inverters

For fixture full light output in back-up mode, Prescolite and Dual-lite have jointly tested the LiteFrame LED with the 100 (LG1) and 250 (LG2) VA LiteGear inverters. (Note: Not for use with integral EM option). For more information on LiteGear go to www.dual-lite.com/resources/litegear_luminaire_loading_chart/

Dimming Compatibility Table

Dimming Ballast	Manufacturer	Web Link
DM/DM1	Lutron DDTV	http://bit.ly/11jSvZg
DM/DM1	Leviton AWRMG-7xx, AWSMG-7xx, AWSMT-7xx	http://bit.ly/1BJn2R9
HDM	Lutron	http://bit.ly/1vtjHAL
2DM	Lutron	http://bit.ly/1S4WjXK

DMX

See instruction sheet on www.prescolite.com for connection & installation information.

Other useful links: <http://www.eldoled.com/led-drivers/powerdrive/50-watt/ac-561s/>



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