6" LED Wall Wash Downlight
LF6SL WW
120V–277V
0-10V Dimming

LiteFrame®

Ceiling Cutout: 6¼"
Maximum Ceiling Thickness 1¼"
For conversion to millimeters,
multiply inches by 25.4
Not to Scale

9 - 1/8"   12 - 3/4"
5"
14"

1 - 1/4"
5-3/4"
7"
6 - 3/4"

See page 3 for CP, LV(E) and NX(W)E lineart

APPLICATIONS:
LiteFrame LF6SL is a 6" 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 reflector. Self-trim standard. Painted white self-trim (WT) available as option.

LED LIGHT ENGINE:
The LF6SL uses the Philips Fortimo DLM Gen 5 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 90 CRI in all Kelvin temperatures.

LED DRIVER:
The LF6SL 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 (Not with CP housing). 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. Approved for through wiring. Non-IC rated.

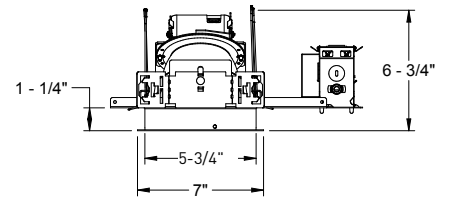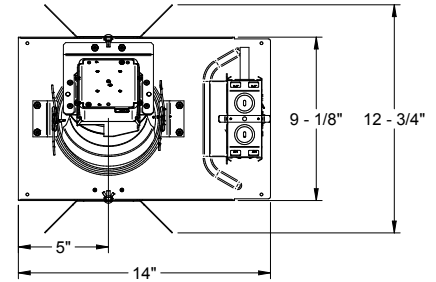## WARRANTY:
5 year warranty. See www.prescolite.com for details.

CATALOG NUMBER: _____

EXAMPLE: LF6SLWW 6LFSL20L40KWW

Order housing, reflector, and accessories separately

	HOUSING	DRIVER OPTION	HOUSING OPTIONS	–	TRIM APERTURE	OUTPUT	KELVIN	REF. FINISH OPTIONS	REF. COLOR OPTIONS	REFLECTOR OPTIONS		ACCESSORIES
STANDARD 0-10V DIMMING	❏ **LF6SL** Standard Lumen 0-10V 10% dimming 120-277V	*Standard 0-10V 10% Dimming* ❏ **DM1** 0-10V dimming at 1% ❏ **DMT⁸,⁹** SpectraSync™ Tunable White ❏ **DMTW¹⁰** SpectraSync™ Tunable Dim to Warm **VOLTAGE OPTION** *Standard 120V-277V* ❏ **347** 347V	❏ **CP³,⁵,¹¹** Chicago Plenum ❏ **WW²** Wall Wash ❏ **LV⁷** Lutron Vive Enabled, 0-10V, 120-277V ❏ **NXWE⁵,¹²,¹³** NX Wireless Enabled ❏ **NXE⁵,¹²,¹³** NX Enabled, Dual SmartPorts		❏ **6LFSL** Semi-Diffuse Clear Alzak	❏ **11L** 1100 Lumen Module ❏ **15L** 1500 Lumen Module ❏ **20L¹¹** 2000 Lumen Module	❏ **30K** 3000 Kelvin, 90 CRI ❏ **35K** 3500 Kelvin, 90 CRI ❏ **40K** 4000 Kelvin, 90 CRI ❏ **2230TD** 2200K-3000K SpectraSync™ Dim to Warm ❏ **2750T** 2700K-5000K SpectraSync™ Tunable White ❏ **2765T** 2700K-6500K SpectraSync™ Tunable White	❏ **SP** Specular ❏ **SS** Semi-Specular ❏ **MFC** American Matte™ ❏ **V** Kurt Versen Specular ❏ **VS** Kurt Versen Softglow® ❏ **VSS** Kurt Versen SoftSheen™	*Standard Clear Alzak* ❏ **CG** Champagne Gold Alzak ❏ **GD** Gold Alzak ❏ **BL** Black Alzak ❏ **WE** Wheat Alzak ❏ **LW** Light Wheat Alzak ❏ **PW** Pewter Alzak ❏ **WH** Painted Matte White Reflector and Flange ❏ **BC** Painted Black Reflector and Flange	❏ **WW²** Wall Wash **TRIM OPTIONS** ❏ **WT** Painted White Flange Only ❏ **TRG** Trim Ring Gasket ❏ **WF** Wide Flange		❏ **B24⁴** Set of two 24" bar hangers for T-bar ceilings ❏ **B6⁴** Set of two (2) bar hangers for ceiling joist up to 24" centers ❏ **LFSC6** 6" Reflector screw cover ❏ **LFSC6EM** 6" Reflector screw cover for EM ❏ **Signos6** Architectural glass elements. Refer to specification sheets ARCH-SIG-001 and -003 ❏ **LiteGear6** Inverter, single phase central lighting, 125VA-250VA ❏ **LPS Series6** LitePower micro-inverter, 20VA-55VA

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

❏ **LF6SL11L** ❏ **LF6SL15L** ❏ **LF6SL20L**	❏ **HDM¹** Hi-Lume 1% 3-wire/EcoSystem LED Driver ❏ **2DM¹** Hi-Lume 1% 2-wire LED Driver (120V only) ❏ **DMX¹** DMX with RDM dimming to <0.1%	❏ **120** 120V ❏ **277** 277V ❏ **LVE (HDM Only)** Lutron Vive Enabled, EcoSystem

* HDM, 2DM & DMX also available with EMR and WWV

Notes:
1. For HDM, 2DM, and DMX options, housing output must match trim output
2. WW option required on both housing and trim.
3. Not available with 347V
4. For WW fixtures bar hanger accessory should be selected with CP housing, not included as standard.
5. Not available with DMX, LV, or LVE
6. See Central Inverter compatibility note and web links on page 2
7. LV requires standard dimming or DM1
8. Must select either 2750T or 2765T Kelvin with DMT driver option
9. Not available with LV or LVE
10. Must select 2230TD with DMTW driver option
11. Not compatible with DMT or DMTW
12. Not available with CP option
13. Not available with HDM, 2DM or DMX

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Web: **www.prescolite.com** • Tech Support: **(888) 777-4832**

LFR-LED-026

DRIVER DATA	LF6SL20L 30K	LF6SL15L 30K	LF6SL11L 30K
Input Voltage	120-277V	120-277V	120-277V
Input Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Input Current	0.210A (120V)	0.160A (120V)	0.116(120V)
	0.091 (277V)	0.069 (277V)	0.050 (277V)
Input Power	25.2W	19.2W	13.9W
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	FCC 47CFR	FCC 47CFR
	Part 15, Class A	Part 15, Class A	Part 15, Class A
Operating Temperature	-20℃ to 35℃	-20℃ to 35℃	-20℃ to 35℃
Dimming	0-10V	0-10V	0-10V

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

*Power consumption and photometric output may vary slightly with HDM option.

Dimming Compatibility Table

Dimming Ballast	Manufacturer	Web Link
DM/DM1	Lutron DVTV	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/

Central Inverters

For full fixture output in back-up mode, we recommend you visit www.dual-lite.com for your Central Lighting Inverter options. Please contact your local Hubbell representative for any assistance with proper sizing and loading of your inverter selection. Central lighting inverters must be ordered separately.

LiteGear: www.dual-lite.com/products/litegear_lg_series
LPS Series: www.dual-lite.com/products/lps

SpectraSync™ Color Tuning Technology: SpectraSync™ Color Tuning Technology

Control your space based on the needs of the application, specific activities throughout the day and preferences of the occupants with two distinct SpectraSync™ Color Tuning Technology.

Dim to Warm: Dim to Warm mimics the familiar warming effect that occurs with traditional incandescent sources as they are dimmed. (Available with 2200K-3000K).

Tunable White: Tunable White offers users the ability to tailor CCT to their personal preference, enhancing task visibility, material and colors or the aesthetics of the space. (Available with 2700K-5000K or 2700K-6500K).

See separate SpectraSync™ Tech Sheet for additional details.

NX Distrubuted Intelligence: NX DISTRIBUTED™ INTELLIGENCE

Supports indoor and outdoor applications, wired, wireless and hybrid networked NX lighting control deployments and enables emerging applications such as Hubbell Lighting's SpectraSync™ color tuning technology.
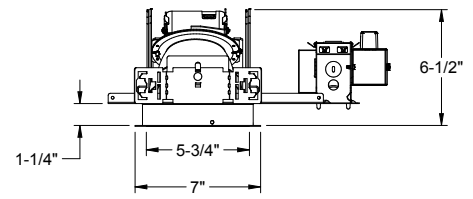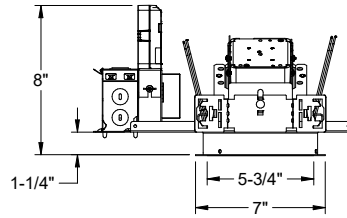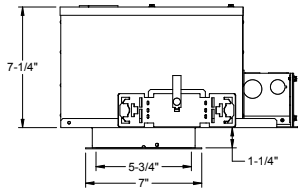
See separate NX™ Solutions Guide for additional details.
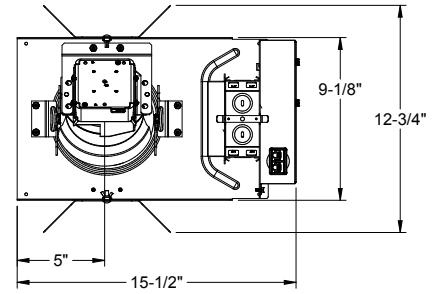See Hubbell Controls Solution NX Brochure.

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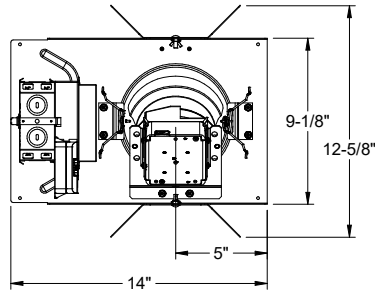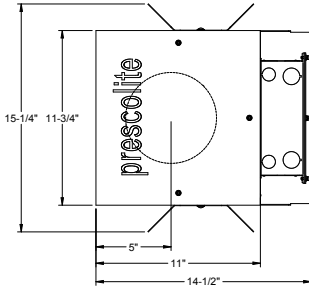
LF6SLWW CP

LF6SLWW LV(E)

LF6SLWW NX(W)E

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