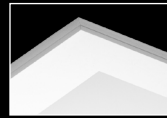


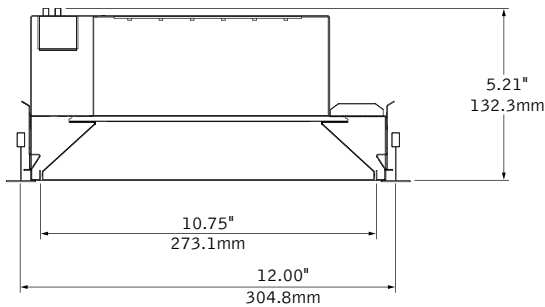
Zephyr™ 1x4

LED

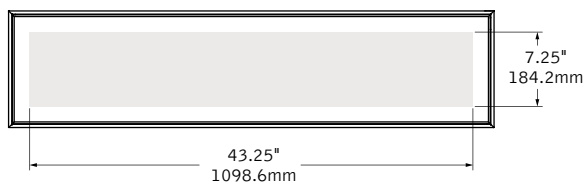


detail

DIMENSIONAL DATA



347V Housing Height = 6.36"/161.5mm



FEATURES

Architectural recessed 1'x4' with unique floating diffuser.

Lens element features an optical microstructure providing glare control and high levels of efficiency.

Zephyr features a one-piece, hinged bezel assembly that is easily removed for ease of maintenance.

Standard Right Light levels from 1,000 to 7,500 lumens.

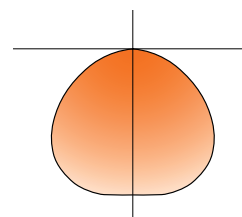
Dimming options include DALI, 0-10V and Lutron EcoSystem.

Connected Solutions: Integrates with wired and wireless building lighting control systems.

Preferred Light: Lighting for better color rendition and human preference.

PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

PERFORMANCE



PRODUCT OVERVIEW

| | |
|---------------|-------------|
| Lumen Output: | 1000-7500lm |
| Wattage: | 11-73W |
| LPW: | 94-112 |
| SDCM: | 3 |

Delivered Lumens: 3500lm

Total System Watts: 37W


Photometric performance is measured in accordance with IESNA LM-79. Visit focalpointlights.com for complete photometric data.

fixture:


project:

DETAILS

grid



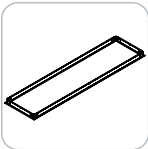
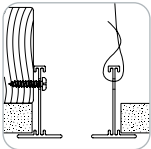
"G" flat tee



"ST" slot tee

drywall frame kit

specify "DF" Drywall Frame Kit for drywall ceiling conditions.



Use tie-wire or screws to secure frame kit.

cut out dimensions:
1': Min: 12.25"
Max: 12.563"
4': Min: 48.25"
Max: 48.563"

SPECIFICATIONS

LED System

Proprietary linear LED module incorporates premium LEDs on a robust platform to achieve excellent thermal management. LEDs are placed to promote a uniform appearance. Available in 2700K, 3000K, 3500K or 4000K with CRI>80 or CRI>90. 3500K and 4000K with CRI>90 have a cyanosis observation index (COI) of 3.3 or less. 0-10V dimming driver standard. LED modules and drivers are replaceable from below. Color accuracy <3 SDCM.

Construction

24 Ga. steel housing. Bottom access 24 Ga. steel driver compartment. Positional brackets supplied as standard. Weight: 16 lbs.

Optic

24 Ga. Steel reflectors finished in matte satin white powder coat. Layered lens system includes .020" thick frosted acrylic and .080" clear acrylic with optical microstructure.

Electrical

Standard 120-277V driver includes 0-10V analog dimming, 100% - 10% range. Power factor > .9. PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

Emergency

Emergency battery output—10 watts for 90 minutes. Maximum mounting height: 23.9ft. Emergency Circuit with Connected Solutions (DLM1, LMFS1, LMFS1, NLT1, ENL1, CLM1, NXE1, WLXP) requires a UL924 compliant device, consult factory.

Labels

UL and cUL listed. Suitable for Dry or Damp Locations, indoor use only.

Finish

Polyester powder coat applied over a 5-stage pre-treatment.

Lumen Maintenance

Reported: L70 at 42,000 hours Calculated: L70 at 115,000 hours
Derived from EPA TM-21 calculator. Based on typical conditions, consult factory for additional data.

Reliability

At Focal Point, our products are designed to stand the test of time. Each luminaire is engineered using superior components, manufactured with the utmost care and rigorously tested. Contact us for reliability data.

Lifetime and warranty

LED system rated for operation in ambient environments up to 35°C. 5-year limited warranty.

PERFORMANCE CHART

| Delivered Lumens | Tested System Watts | LPW | Delivered Lumens | Tested System Watts | LPW |
|------------------|---------------------|-----|------------------|---------------------|-----|
| 1000 | 11 | 94 | 5000 | 46 | 109 |
| 1500 | 15 | 100 | 5500 | 51 | 108 |
| 2000 | 20 | 105 | 6000 | 58 | 106 |
| 2500 | 25 | 102 | 6500 | 61 | 106 |
| 3000 | 30 | 100 | 7000 | 67 | 104 |
| 3500 | 37 | 97 | 7500 | 73 | 104 |
| 4000 | 44 | 94 | | | |
| 4500 | 40 | 112 | | | |


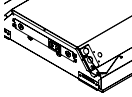



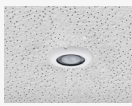

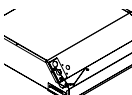





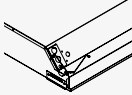

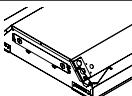


Based on 3500K, 80 CRI. Lumen multipliers: Preferred Light = 0.65, 90+ CRI = 0.87.
Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

Focal Point LLC reserves the right to change specifications for product improvement without notification.

ORDERING

| Luminaire Series | FZR |
|--|-------------|
| Zephyr | FZR |
| Nominal Size | 14 |
| 1' x 4' | FL |
| Shielding | |
| Frosted Lens | FL |
| Lumen Output | |
| 1000 Lumens | 1000L |
| 1500 Lumens | 1500L |
| 2000 Lumens | 2000L |
| 2500 Lumens | 2500L |
| 3000 Lumens | 3000L |
| 3500 Lumens | 3500L |
| 4000 Lumens | 4000L |
| 4500 Lumens | 4500L |
| 5000 Lumens | 5000L |
| 5500 Lumens | 5500L |
| 6000 Lumens | 6000L |
| 6500 Lumens | 6500L |
| 7000 Lumens | 7000L |
| 7500 Lumens | 7500L |
| Color Temperature | |
| 2700K, 80+ CRI or 90+ CRI | 27K or 927K |
| 3000K, 80+ CRI or 90+ CRI | 30K or 930K |
| 3500K, 80+ CRI or 90+ CRI | 35K or 935K |
| 4000K, 80+ CRI or 90+ CRI | 40K or 940K |
| 3500K, Preferred Light | P35K |
| Circuits | 1C |
| Single Circuit | 1C |
| Voltage | |
| UNV 120/277 Volt | UNV |
| 347 Volt | 347 |
| (LD1, CLM1 only. Not available with EM) | |
| Low Voltage | LV |
| Control System & Dimming Level | |
| 0-10V - 10% Dimming | LD1 |
| 0-10V - 1% Dimming | L11 |
| Low Voltage, PoE compatible | LVN |
| (No driver. Not available with EM or EC. LV Voltage only.) | |
| Lutron Hi-Lume EcoSystem (LDE1) - | LH1 |
| 1% Dimming | |
| DALI - 1% Dimming | D11 |
| Step Dimming | SD5 |
| (120/277 only.) | |
| Wattstopper DLM - 1% Dimming | DLM1 |
| (Not available with CP.) | |
| Wattstopper Fixture Sensor | LMFS1 |
| Low Density - 1% Dimming | |
| (Remote mounted sensor.) | |
| Wattstopper Fixture Sensor | LMFS1 |
| High Density - 1% Dimming | |
| (Remote mounted sensor.) | |
| Acuity nLight - 1% Dimming | NLT1 |
| (Not available with CP.) | |
| Enlighted Smart Sensor - 1% Dimming | ENL1 |
| (Remote mounted sensor.) | |
| Encelium CLM Connected Lighting | CLM1 |
| Module - 1% Dimming | |
| Current NX Enabled - 1% Dimming | NXE1 |
| (Not available with CP.) | |
| WaveLinx Pro - 1% Dimming | WLXP |
| (Remote mounted sensor.) | |
| Mounting | |
| Drywall Frame Kit | F |
| (Not available with CLM1, DLM1, NXE1 or NLT1) | |
| Grid | G |
| Slot Tee | ST |
| Factory Options | |
| Air Return | AR |
| (Housing height 5.78in/146.7mm. Not compatible with Drywall Frame Kit.) | |
| Chicago Plenum | CP |
| (Not available with flex whip) | |
| Emergency Battery | EM |
| (120/277 only.) | |
| 6' New York City Flex Whip (120V) | FN1Y |
| 6' New York City Flex Whip (277V) | FN2Y |
| 6' Flex Whip | FW |
| Finish | WH |
| Matte White Housing | WH |

Focal Point provides flexibility in meeting the needs of each project by integrating with several building lighting control systems. A variety of sensors, drivers and other components can be specified that allow the luminaires to communicate with wired and wireless networks. All zoning can be digitally reconfigured through the application software. Daylight harvesting, occupancy sensing, integration with HVAC systems, and individual controls enable the monitoring and modulating of light levels and temperature in order to save energy, reduce costs and maximize occupants' comfort. All Connected Solutions luminaires require a compatible building control system.†

| Connected Solution | | Ordering Code | Model #** | Protocol | Compatible Networks* | Occupancy & Daylight | Temperature Reporting | Communication to Luminaire | Drivers |
|--|---|---------------|---------------------|-------------------|--|----------------------|-----------------------|--|---|
|  legrand® WATTSTOPPER® |  | DLM1 | LMFC-011 | DLM | DLM | Enabled | No | Wired  | Advance by Signify, Optotronic by eldoLED |
| | | LMFS1 | LMFS-601 & LMFI-111 | DLM Wireless | DLM | Enabled | No | Wireless | Advance by Signify Optotronic by eldoLED (Dexal) |
| |  | LMFSD | LMFS-601 | | | | | | |
|  COOPER Lighting Solutions |  | WLXP | OEM-WAA | WaveLinX Wireless | WaveLinX Pro Trellix | Enabled | No | Wireless (WaveLinX Pro Wireless Area Controller) | Advance by Signify |
|  CRESTRON |  | D11 | Specified Driver | DALI | Crestron Züm Wireless & SpaceBuilder | Enabled | No | Wired | eldoLED ECOdrive |
| | | L11 | | 0-10V | | | | | Advance by Signify |
|  ENCELIUM |  | CLM1 | ZBHA-CLM-DIM-ENC | ZigBee | Encelium X Light Management System | Enabled | No | Wireless | Optotronic by eldoLED Advance by Signify |
|  Enlighted |  | ENL1 | SU-5E-IOT | Enlighted RF | Enlighted | Integrated | Yes | Wireless | Advance by Signify |
|  LUTRON |  | LH1 | LDE1 | EcoSystem | Quantum, Energi Savr Node, Energi TriPak | Enabled | No | Wired | Lutron Hi-Lume |
|  nLIGHT |  | NLT1 | nEPS-60-IO | nLight | nLight | Enabled | No | Wired  | eldoLED ECOdrive, eldoLED SOLOdrive |
| | | NXE1 | NXFM-LV | NX | NX Distributed Intelligence | Enabled | No | Wired  | Optotronic by eldoLED |

*Not all compatible networks may be listed. **For performance data and additional control system details please visit the connected solutions manufacturer websites. Primary drivers are listed in **bold**. To specify a particular driver please consult factory.
†Controls systems supplied by others.