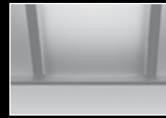


Veer® 2x4

LED



flat diffuser

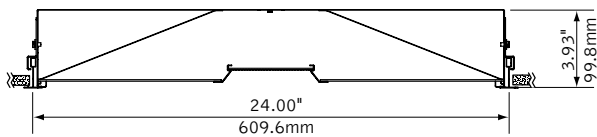


radial diffuser



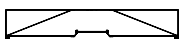
suspended or
surface mount

DIMENSIONAL DATA

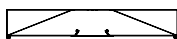


Overall height of luminaire with Air Return is 4.58"

shielding options



REGRESS



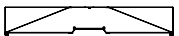
FLAT



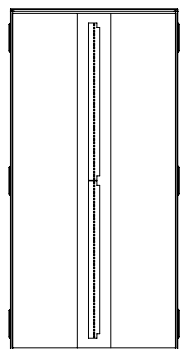
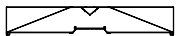
RADIAL

led options

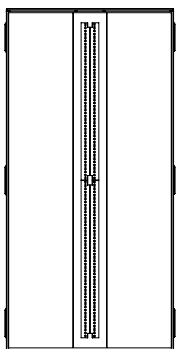
Standard



High Efficiency



2 LED boards



4 LED boards

FEATURES

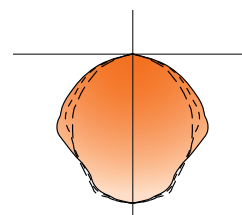
High efficacy architectural recessed LED luminaire.

Premium LEDs operate efficiently to achieve excellent thermal management and reliable operation.

Three distinctive aesthetics offer contemporary styling and complement architecture.

MicroGroove diffusers add texture and visual interest with a ribbed pattern that diffuses brightness and provides soft, even illumination.

PERFORMANCE



PRODUCT OVERVIEW

Lumen Output: 4000-6000lm

Wattage: 36-57W

LPW: 98-113

SDCM: 3

High Performance
5000 Lumens (5000LH)
Regress Acrylic Diffuser

Delivered Lumens: 5000lm

Total System Watts: 46W

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

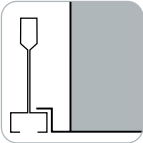
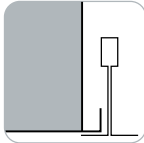
fixture:

project:

MOUNTING INFORMATION

grid

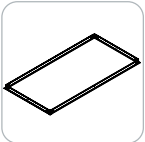
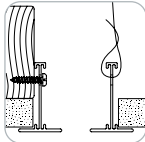
specify "G" for flat 9/16" and 15/16" tee or "ST" for 9/16" slot tee grid types.



"G" flat tee
Luminaires may be installed in T-bar ceiling systems up to 1 11/16" high".

drywall frame kit

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



Use tie-wire or screws to secure frame kit.

cut out dimensions:
2': Min: 24.25"
Max: 24.563"
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, 3SDCM. 0-10V dimming driver standard. LED modules and drivers are replaceable from below.

Construction

One piece 20 Ga. steel reflector and housing. 20 Ga. steel ends. Bottom access 20 Ga. Steel driver compartment. Positional brackets supplied as standard. Weight: 25 lbs.

Optic

20 Ga. steel reflectors finished in matte satin white powder coat. .095" thick frosted white acrylic lamp diffusers with linear micro-prism pattern.

Electrical

Standard 120-277V driver includes 0-10V analog dimming. Power factor > .9. Optional EcoSystem or forward phase dimming drivers from Lutron available.

Emergency Battery

Bodine BSL310-CAN. Emergency output—10 watts for 90 minutes. Maximum mounting height: 18ft.

Labels

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

Finish

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

Lumen Maintenance

Reported:

L70 at >60,000 hours

L80 at >60,000 hours

Calculated: L70 at 128,000 hours

L80 at 81,000 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.

Warranty

LED system rated for operation in ambient environments up to 25°C. 5-year limited warranty.

PERFORMANCE CHART

| Delivered Lumens | | Tested System Watts | LPW |
|------------------|--------|---------------------|-----|
| 4000 Lumens | 4000L | 38 | 105 |
| | 4000LH | 36 | 111 |
| 4500 Lumens | 4500L | 44 | 102 |
| | 4500LH | 40 | 113 |
| 5000 Lumens | 5000L | 50 | 100 |
| | 5000LH | 46 | 109 |
| 5500 Lumens | 5500L | 56 | 98 |
| | 5500LH | 51 | 108 |
| 6000 Lumens | 6000L | 57 | 105 |
| | 6000LH | | |

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

ORDERING

| Luminaire Series | | FVRL |
|---|-------------|------|
| Veer LED | | FVRL |
| Nominal Size | | 24 |
| 2' x 4' | | 24 |
| Shielding | | |
| Radial Acrylic Diffuser | ACR | |
| Flat Acrylic Diffuser | ACF | |
| Regress Acrylic Diffuser | ACG | |
| Lumen Output | | |
| Standard | | |
| 4000 Lumens | 4000L | |
| 4500 Lumens | 4500L | |
| 5000 Lumens | 5000L | |
| 5500 Lumens | 5500L | |
| High Efficiency | | |
| 4000 Lumens | 4000LH | |
| 4500 Lumens | 4500LH | |
| 5000 Lumens | 5000LH | |
| 5500 Lumens | 5500LH | |
| 6000 Lumens | 6000LH | |
| 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 | |
| Circuits | | 1C |
| Single Circuit | 1C | |
| Voltage | | |
| 120 Volt | 120 | |
| 277 Volt | 277 | |
| UNV Volt | UNV | |
| Control System & Dimming Level | | |
| 0-10V - 1% Dimming | L11 | |
| 0-10V - 10% Dimming | LD1 | |
| Lutron Hi-Lume - Forward Phase - 1% Dimming | LTE | |
| (5000 Lumens and higher; (2) drivers supplied, (2) loads consumed) (120 only) | | |
| Step Dimming | SD5 | |
| DALI Dimming | | |
| (Consult factory) | | |
| Mounting | | |
| 24" Aircraft Cable | C24 | |
| 48" Aircraft Cable | C48 | |
| 96" Aircraft Cable | C96 | |
| Drywall Frame Kit | F | |
| (Cut out dimensions: Min: 12.25"/Max: 12.563" Min: 48.25"/Max: 48.563") | | |
| Grid | G | |
| Slot Tee | ST | |
| Surface Mount | SM | |
| Factory Options | | |
| Air Return | AR | |
| (Overall height with Air Return is 4.58") | | |
| Chicago Plenum | CP | |
| Emergency Battery Pack with Integral Test Switch | EM | |
| 6' New York City Flex Whip | FNY | |
| 6' Flex Whip | FW | |
| (Sensor options available - consult factory) | | |
| Finish | | WH |
| Matte Satin White | WH | |



Options in orange qualify for the Quickship program. 10-day up to 100 pieces. Refer to Quickship Guide for complete details.