

# Veer® 2x4

LED



flat diffuser

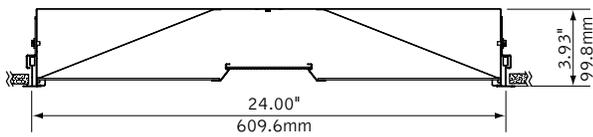


radial diffuser



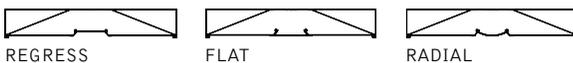
suspended or surface mount

## DIMENSIONAL DATA

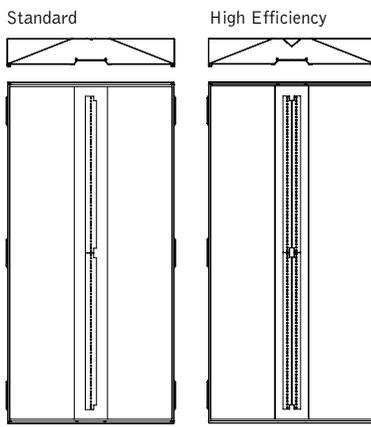


Overall height of luminaire with Air Return is 4.58"

### shielding options



### led options



2 LED boards

4 LED boards

## FEATURES

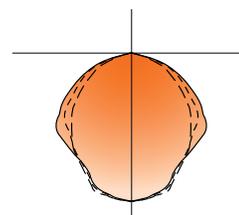
High efficacy architectural recessed LED luminaire.

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

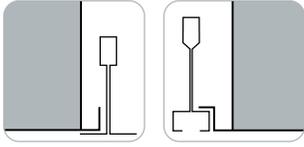
**Delivered Lumens: 5000lm**  
**Total System Watts: 46W**

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

**MOUNTING INFORMATION**

**grid**

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

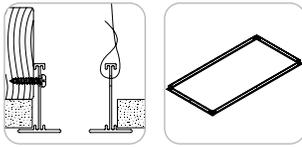


"G" flat tee  
Luminaires may be installed in T-bar ceiling systems up to 1 11/16" high".

"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:  
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      Calculated: L70 at 128,000 hours  
 L80 at >60,000 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	6000LH	57	105

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

**ORDERING**

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