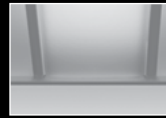


Veer® 2x4

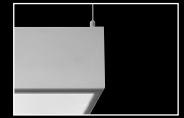
LED



flat diffuser

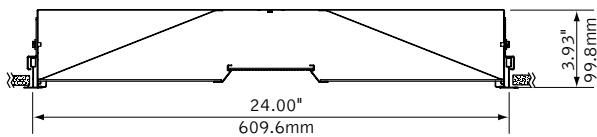


radial diffuser



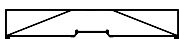
suspended or
surface mount

DIMENSIONAL DATA

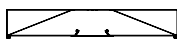


Overall height of luminaire with Air Return is 4.58"

shielding options



REGRESS



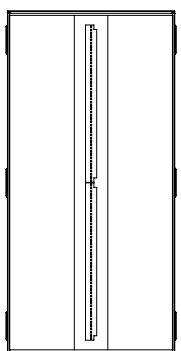
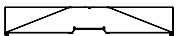
FLAT



RADIAL

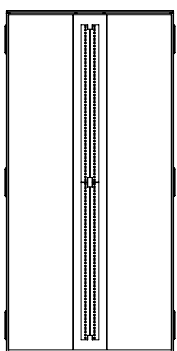
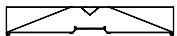
led options

Standard



2 LED boards

High Efficiency



4 LED boards

FEATURES

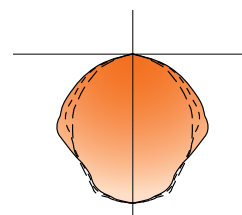
High efficacy architectural recessed LED luminaire.

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.

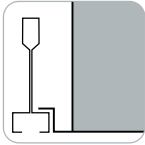
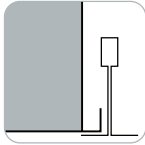
fixture:

project:

MOUNTING INFORMATION

grid

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

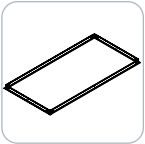
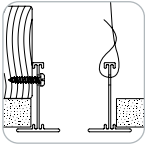


"G" flat tee
Luminaires may be installed in T-bar ceiling systems up to 1 11/16" high".

"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 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	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

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
Step Dimming		SD5
DALI Dimming		
(Consult factory)		
Mounting		
24" Aircraft Cable¹	C24	
48" Aircraft Cable¹	C48	
96" Aircraft Cable¹	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 Whip¹		FNY
6' Flex Whip¹		FW
(Sensor options available – consult factory)		
Finish		WH
Matte Satin White		WH

¹Aircraft cable mounting not available with Flex Whip options.