



flat diffuser

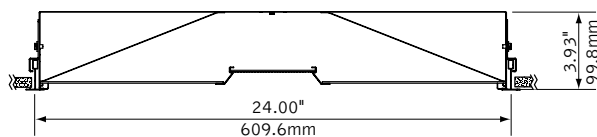


radial diffuser



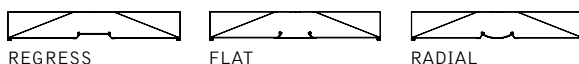
suspended or
surface mount

DIMENSIONAL DATA

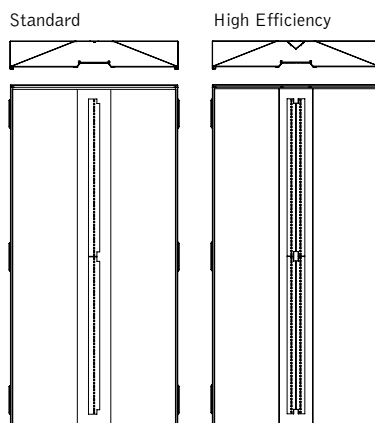


Overall height for luminaire with Air Return is 4.58"

shielding options



led options



FEATURES

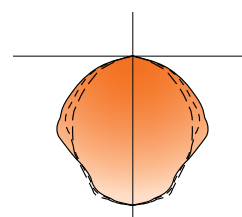
High efficacy architectural recessed LED luminaire.

Premium LEDs operate efficiently on a robust module platform 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 LED image.

PERFORMANCE



PRODUCT OVERVIEW

Lumen Output:	4000-6000lm
Wattage:	36-57W
LPW:	98-113
SDCM:	3
Lumen Maintenance:	L90 @ 114,000hrs

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.

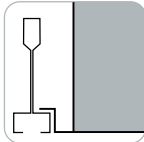
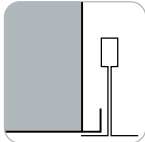
fixture:

project:

MOUNTING INFORMATION

grid

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

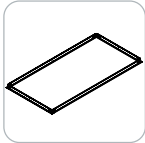
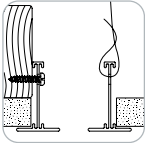


"G" flat tee
Luminaires may be installed in T-bar ceiling systems up to 1 11/16" high".

"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 3000K, 3500K or 4000K with CRI>80, 3 SDCM. 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.

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

Calculated: L90 at 114,000 hours Reported: L90 at >61,000 hours
Derived from EPA TM-21 calculator

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

*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		
3000K	30K	
3500K	35K	
4000K	40K	
Circuits		1C
Single Circuit		1C
Voltage		
120 Volt	120	
277 Volt	277	
UNV Volt	UNV	
(Cannot be specified with EM option)		
Driver		
0-10V - 1% Dimming		L11
0-10V - 10% Dimming		LD1
Lutron A-Series		L3D
1% EcoSystem Digital		
(5000 Lumens and higher: (2) drivers supplied, (2) EcoSystem addresses consumed) (Consult factory for 3-wire control)		
Lutron A-Series - Forward Phase		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

Veer® 2x4

LED - REGRESS ACRYLIC DIFFUSER

FVRL-24-ACG-5000LH-35K-1C-120-L11-G-WH

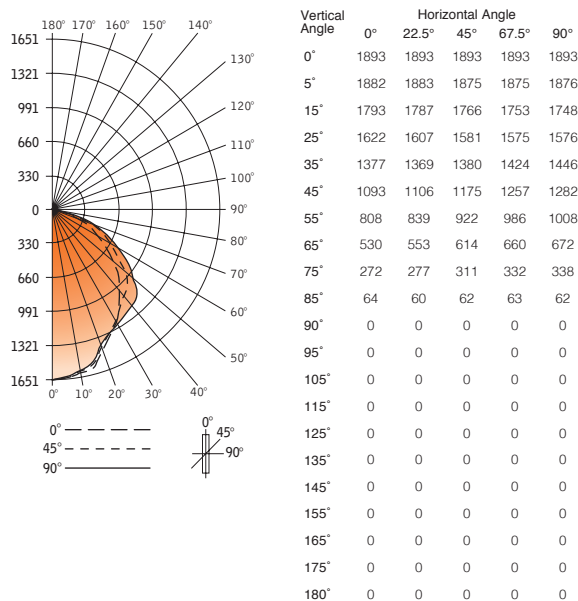
Filename: FVRL24ACG5000LH35K.IES

Lumens: 5014lm

System Watts: 46W

LPW: 109

CANDELPW DISTRIBUTION



LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30°	1410	28.1
0-40°	2284	45.5
0-60°	4009	80
0-90°	5014	100.0
Total Luminaire	5014	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	2244	2411	2631
55°	2045	2332	2550
65°	1819	2107	2308
75°	1527	1743	1895
85°	1057	1027	1040

Go to www.focalpointlights.com for additional photometric data.