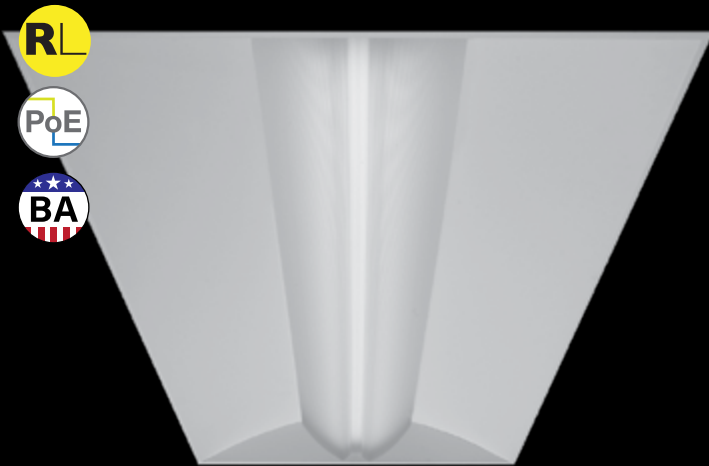


Aerion® 2x4

LED



standard diffuser



round accent strip



square accent strip



red insert

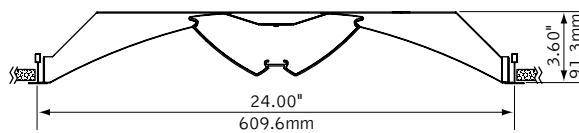


green insert



blue insert

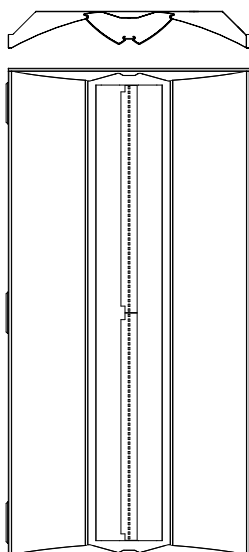
DIMENSIONAL DATA



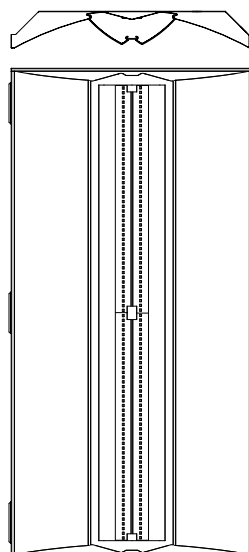
led options

Standard

High Efficiency



2 LED boards



4 LED boards

FEATURES

Architectural recessed LED luminaire.

Aerion's sweeping curves and contemporary lines complement architecture.

Aerion's center lamp chamber provides minimal contrast between the diffuser and side reflectors creating even illumination and comfort.

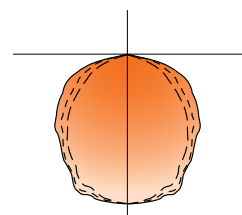
Aerion features a shallow 3.6" housing depth which flies under the radar of most plenum obstructions.

Stylized sloped endcaps highlight Aerion's distinctive look.

Acrylic diffuser has been designed with an upper and lower track that accepts individual or combinations of accent strips.

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

PERFORMANCE



PRODUCT OVERVIEW

Lumen Output: 4000-6000lm

Wattage: 34-54W

LPW: 102-118

SDCM: 3

High Performance
5000 Lumens (5000LH)

Delivered Lumens: 5000lm

Total System Watts: 44W

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

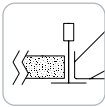
fixture:

project:

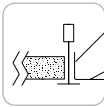
MOUNTING INFORMATION

grid

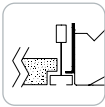
for lay-in grid, specify G1, G2 or G3.



g1
15/16"



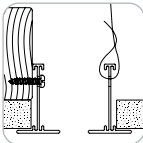
g2
9/16"



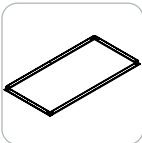
g3
slot 9/16"

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 are replaceable from below.

Construction

One piece 20 Ga. steel reflector and housing. Side access 20 Ga. steel ballast compartment. Positional brackets supplied as standard. Unit 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. Optional .020" thick acrylic accent strip available in round or square pattern.

Electrical

Standard 120-277V driver includes 0-10V analog dimming. Power factor > .9. Optional EcoSystem dimming drivers from Lutron available. PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

Emergency Battery

Bodine BSL310-CAN. Emergency output—10 watts for 90 minutes. Grid and Drywall Frame kit mounting only.

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. Optional Matte Satin White with anti-microbial coating provides 99.99% protection against a broad spectrum of micro-organisms.

Lumen Maintenance

Reported: L90 at >61,000 hours

Calculated: L90 at 114,000 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	37	108
	4000LH	34	118
4500 Lumens	4500L	43	105
	4500LH	39	115
5000 Lumens	5000L	48	104
	5000LH	44	114
5500 Lumens	5500L	54	102
	5500LH	48	115
6000 Lumens	6000LH	54	111

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		FARL
Luminaire Series		
Aerion LED		FARL
Nominal Size		24
2' x 4'		24
Shielding		
Acrylic Diffuser		AC
Acrylic Diffuser with Round Accent Strip		RA
Acrylic Diffuser with Square Accent Strip		SA
Optional Color Inserts		
(Leave blank for no color)		
Red		R
Green		G
Blue		B
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, 80+ CRI		30K
3500K, 80+ CRI		35K
4000K, 80+ CRI		40K
Circuit		1C
Single Circuit		1C
Voltage		
120 Volt		120
277 Volt		277
UNV Volt		UNV
(Cannot be specified with EM option)		
Low Voltage		LV
Control System & Dimming Level		
0-10V - 1% Dimming		L11
0-10V - 10% Dimming		LD1
5000 Lumens and higher: (2) drivers supplied, (2) EcoSystem addresses consumed		
Low Voltage, PoE compatible		LVN
(No driver. Not available with EM or EC. LV Voltage only)		
Lutron Hi-Lume EcoSystem (LDE1) ~ 1% Dimming		LH1
Step Dimming		SD5
(Grid and drywall mounting only)		
DALI - 1% Dimming		D11
(Consult factory)		
(*5000 Lumens and higher: (2) drivers supplied, (2) loads consumed. Grid and drywall mounting only)		
Mounting		
24" Aircraft Cable		C24
48" Aircraft Cable		C48
96" Aircraft Cable		C96
15/16" Grid		G1
9/16" Grid		G2
9/16" Slot Tee		G3
Drywall Frame Kit		F
(Cut out dimensions: Min: 24.25"/Max: 24.563" Min: 48.25"/Max: 48.563")		
Surface Mount		SM
Factory Options		
Air Return		AR
(Overall height for luminaire with Air Return is 4.26")		
Chicago Plenum		CP
Emergency Battery Pack with Integral Test Switch		EM
6' New York City Flex Whip		FNY
6' Flex Whip		FW
Finish		
Matte White Housing		WH
Matte Satin White		WHA
with Anti-Microbial Coating		