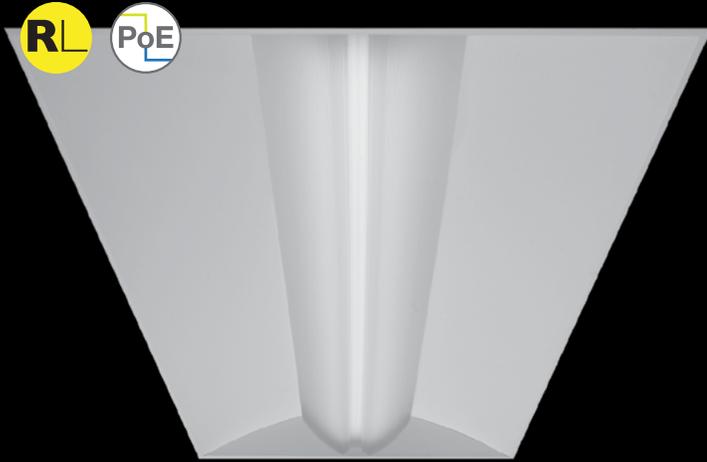# Aerion® 2x4

LED

FOCAL POINT®

standard diffuser | round accent strip | square accent strip
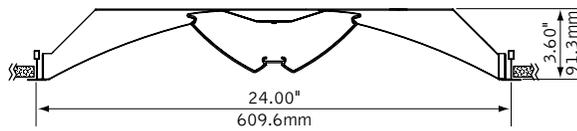
red insert | green insert | blue insert
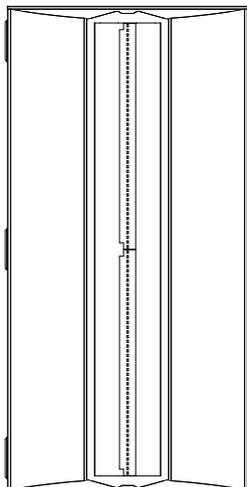
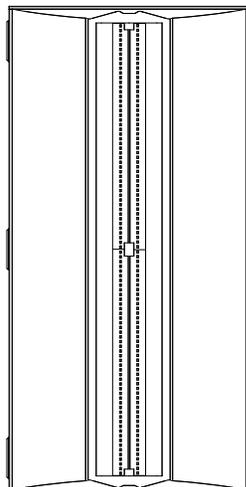## DIMENSIONAL DATA

3.60"
91.3mm

24.00"
609.6mm

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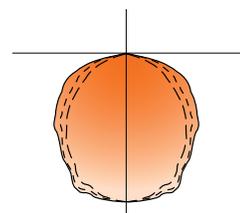
Aerion features a shallow 3.6" housing depth which flies under the radar of most plenum obstructions.

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

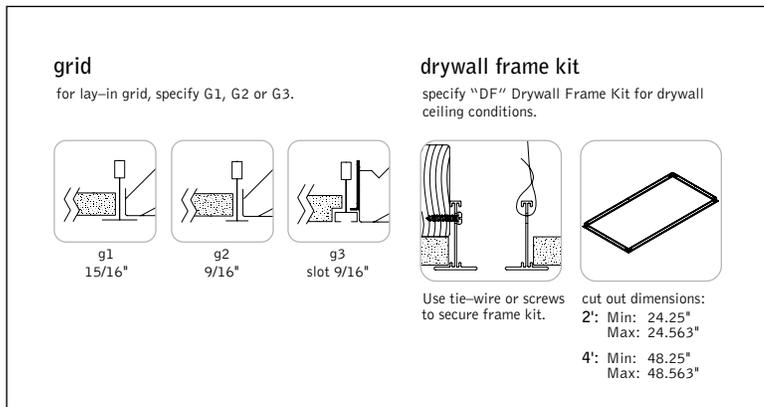|	
Lumen Output:	4000-6000lm
Wattage:	34-54W
LPW:	102-118
SDCM:	3

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.

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 or forward phase 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

Luminaire Series		**FARL**
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 (No driver. Not available with EM or EC. LV Voltage only.)	LVN	
Lutron Hi-Lume EcoSystem (LDE1) -* 1% Dimming	LH1	
Lutron Hi-Lume - Forward Phase -* 1% Dimming (120 only)	LTE	
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 (Cut out dimensions: Min: 24.25"/Max: 24.563" Min: 48.25"/Max: 48.563")	F	
Surface Mount	SM	
Factory Options		
Air Return (Overall height for luminaire with Air Return is 4.26")	AR	_____
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 with Anti–Microbial Coating	WHA	

QS 5/10 DAY*   Options in orange qualify for the Quickship program. 5-day up to 100 pieces, 10-day up to 300 pieces. Refer to Quickship Guide for complete details.