Equation® 2 1x1

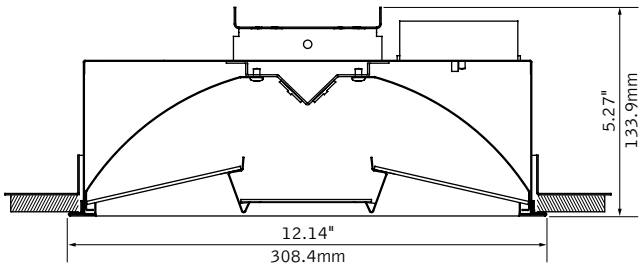
LED

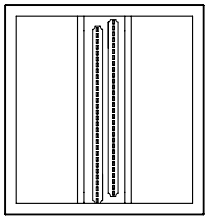
FOCAL POINT®

opal acrylic lens

MicroGlow lens

DIMENSIONAL DATA





2 LED boards

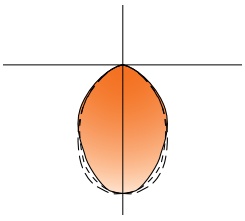
FEATURES

Equation™ 2 blends sleek aesthetics with uniform diffuse illumination.

Center diffuser features MicroGlow prismatic lens for brightness control and visual comfort. Opal acrylic center lens may also be specified.

Premium LEDs operate efficiently on a robust module platform to achieve excellent thermal management and reliable operation.

PERFORMANCE



Opal Acrylic Lens

Delivered Lumens: 1000lm

Total System Watts: 12W

PRODUCT OVERVIEW

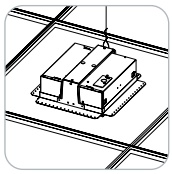
Lumen Output:	1000-1500lm
Wattage:	12-19W
LPW:	79-83
SDCM:	3

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

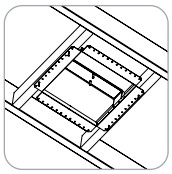
fixture: project:

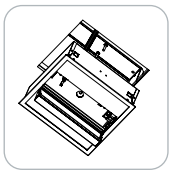
DETAILS

grid



drywall





Grid and drywall cut out dimensions: 12.25" x 11.57"

PERFORMANCE CHART

Delivered Lumens	Tested System Watts	LPW
1000	12	83
1500	19	79

Based on 3500K, 80 CRI. Lumen multipliers: Preferred Light = 0.65, 90+ CRI = 0.87.
Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

ORDERING

Luminaire Series		**FEQ2**
Equation 2	FEQ2	
Nominal Size		**11**
1' x 1'	11	
Shielding		
Opal Acrylic Lens	AC	
MicroGlow Prismatic Lens	MG	
Lumen Output		
1000 Lumens	1000L	
1500 Lumens	1500L	
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		**UNV**
UNV 120/277 Volt	UNV	
Control System & Dimming Level		
0-10V - 10% Dimming	LD1	
0-10V - 1% Dimming	L11	
DALI - 1% Dimming	D11	
Mounting		**U**
Universal	U	
Factory Options		
Chicago Plenum	CP	
6' New York City Flex Whip (120V)	FNY1	
6' New York City Flex Whip (277V)	FNY2	
6' Flex Whip	FW	
(Sensor options available—consult factory)		
Finish		**WH**
Matte White Housing	WH	

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. Contact factory for additional color temperature and CRI options. LED modules and drivers are replaceable from below.

Construction

One-piece 24 Ga. steel housing. Two-piece 24 Ga. steel reflectors. 24 Ga. steel ends form finishing housing. Housing ships with universal 24 Ga. galvanized steel mounting yoke for grid or drywall ceiling. Weight: 9 lbs.

Optic

24 Ga. steel reflectors finished in matte satin white powder coat. .080" thick frosted white acrylic diffusers. Center shielding options include .080" thick opal acrylic lens or MicroGlow prismatic lens with optical filter overlay.

Electrical

Standard 120-277V driver includes 0-10V analog dimming. Power factor > .9. Optional DALI or Lutron EcoSystem drivers available.

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: L80 at 60,000 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.