

Equation™ 2 1x1

LED

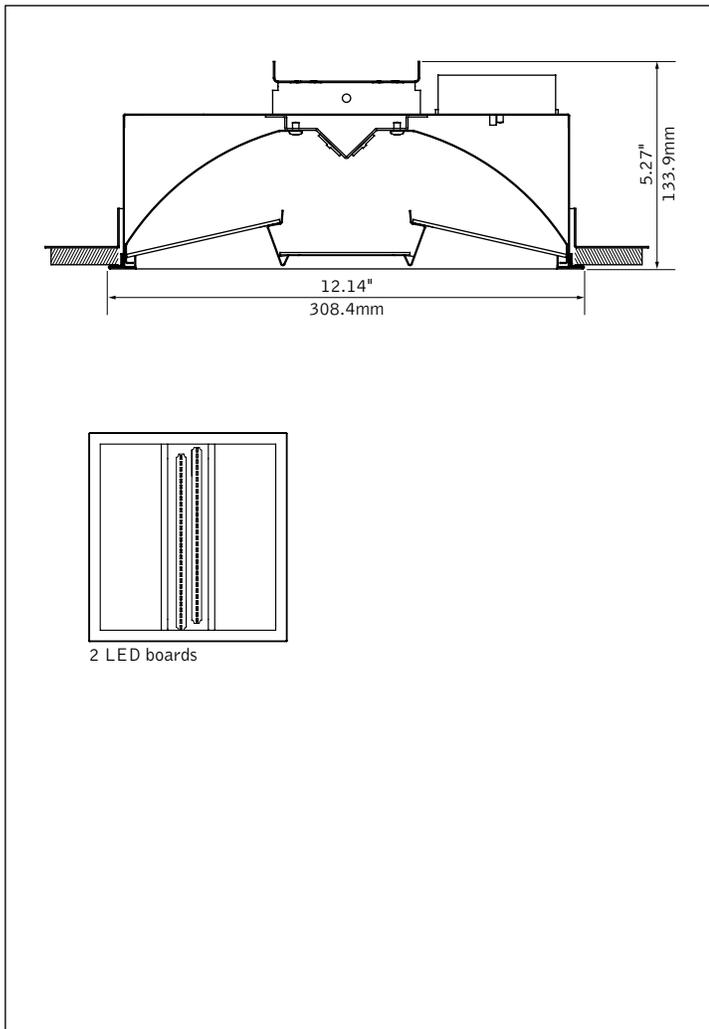


opal acrylic lens



MicroGlow lens

DIMENSIONAL DATA



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

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

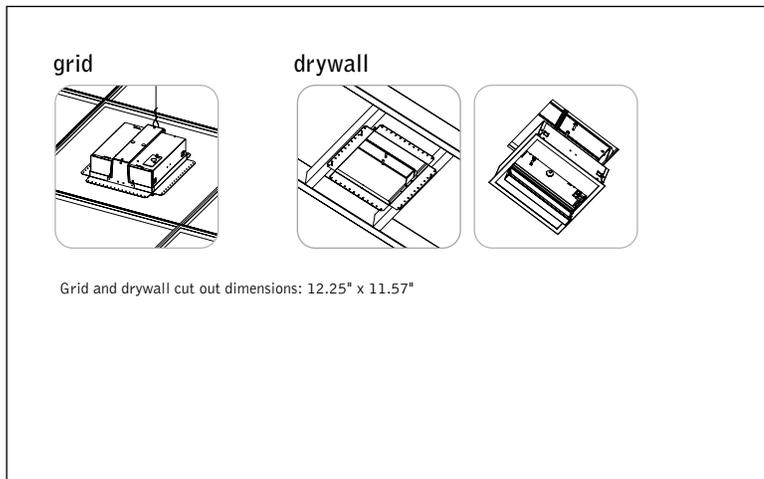
Opal Acrylic Lens
Delivered Lumens: 1000lm
Total System Watts: 12W

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

fixture:

project:

DETAILS



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.

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 | Equation 2 | FEQ2 |
| Nominal Size | 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 | Single Circuit | 1C |
| Voltage | UNV 120/277 Volt | UNV |
| Control System & Dimming Level | 0-10V - 10% Dimming | LD1 |
| | 0-10V - 1% Dimming | L11 |
| | DALI - 1% Dimming | D11 |
| Mounting | 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 |
| | <small>(Sensor options available—consult factory)</small> | |
| Finish | Matte White Housing | WH |