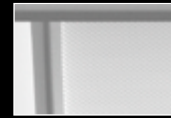


Equation[®] 2 2x2

LED



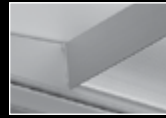
opal acrylic lens



MicroGlow lens



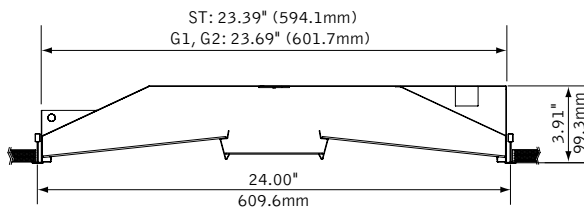
suspended or
surface mount



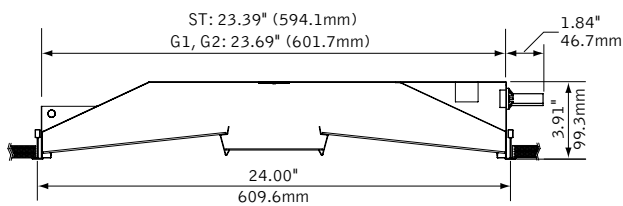
air return

DIMENSIONAL DATA

2000 - 5000 Lumens



5500 - 7000 Lumens
thermal protector required

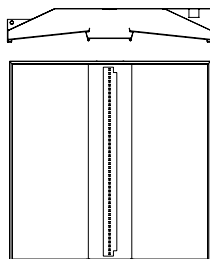


Overall height of luminaire:
with air return is 4.60"
with L1TW option 4.52"

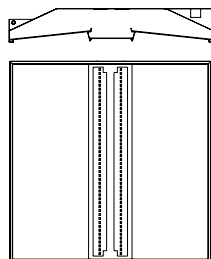
led options

Standard

High Efficiency



1 LED board



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.

Tunable White: Supports human activity, well-being, and preferences with a light quality that evolves throughout the day.

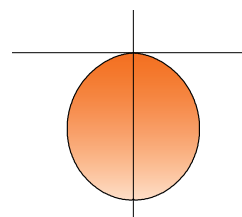
Connected Solutions: Integrates with wired and wireless building lighting control systems.

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

PERFORMANCE

PRODUCT OVERVIEW

Lumen Output:	2000-7000lm
Wattage:	20-79W
LPW:	89-109
SDCM:	3



Opal Acrylic Lens

Delivered Lumens: 3500lm

Total System Watts: 35W

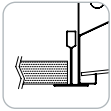
Photometric performance is measured in accordance with IESNA LM-79. Visit focalpointlights.com for complete photometric data.

fixture:

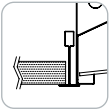
project:

MOUNTING INFORMATION

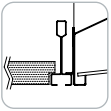
grid



G1
15/16"



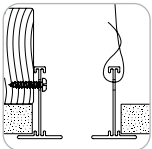
G2
9/16"



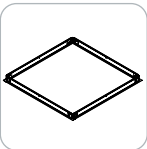
"ST" slot tee
9/16"

drywall frame kit

specify "F" 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"

STANDARD WHITE PERFORMANCE CHART

Lumen Output				Lumen Output			
		Tested System Watts	LPW			Tested System Watts	LPW
2000	2000L	18	106	4000	4000LH	37	105
	2500L	24	100	4500	4500LH	43	103
2500	2500LH	23	105	5000	5000LH	49	100
	3000L	30	97	5500	5500LH	56	94
3000	3000LH	27	107	6000	6000LH	63	95
	3500L	36	95	6500	6500LH	71	92
3500	3500LH	32	107	7000	7000LH	79	89

Based on 3500K, 80 CRI, Opal Acrylic Lens. Lumen multipliers: 90+ CRI = 0.87, MicroGlow Prismatic Lens = 0.94.
Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

STANDARD WHITE			FEQ2
Luminaire Series			
Equation 2		FEQ2	
Nominal Size		22	
2' x 2'		22	
Shielding			
Opal Acrylic Lens		AC	
MicroGlow Prismatic Lens		MG	
Lumen Output			
Standard Output	2000 Lumens	2000L	
	2500 Lumens	2500L	
	3000 Lumens	3000L	
	3500 Lumens	3500L	
High Efficiency	2500 Lumens	2500LH	
	3000 Lumens	3000LH	
	3500 Lumens	3500LH	
	4000 Lumens	4000LH	
	4500 Lumens	4500LH	
	5000 Lumens	5000LH	
	5500 Lumens*	5500LH	
	6000 Lumens*	6000LH	
	6500 Lumens*	6500LH	
	7000 Lumens*	7000LH	
(*Grid, Slot Tee Only)			
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	
Circuit			1C
Single Circuit			
Voltage			
UNV 120/277 Volt		UNV	
(Not available with 5500LH, 6000LH, 6500LH & 7000LH)			
120 Volt		120	
277 Volt		277	
347 Volt		347	
(Transformer required for all drivers except LDI and CLM1. Not available with EM.)			
Low Voltage			LV
Control System & Dimming Level			
0-10V - 10% Dimming		LD1	
(Not Right Light as standard, consult factory)			
0-10V - 1% Dimming		L11	
Low Voltage, PoE compatible		LVN	
(No driver. Not available with EM, LV Voltage only)			
Lutron Hi-Lume EcoSystem (LDE1) -		LH1	
1% Dimming			
DALI - 1% Dimming		D11	
Step Dimming		SD5	
Wattstopper DLM - 1% Dimming*		DLM1	
(Not available with CP)			
Wattstopper Fixture Sensor*		LMFS1	
Low Density - 1% Dimming			
Wattstopper Fixture Sensor		LMFSD	
High Density - 1% Dimming			
Lutron Athena Wireless Node*		LAW1	
(0-10V standard. Consult factory for DALI)			
Lutron Athena Wireless Sensor*		LAWS	
(0-10V standard. Consult factory for DALI)			
Acuity nLight - 1% Dimming*		NLT1	
(Not available with CP)			
Encelium CLM Connected Lighting Module*		CLM1	
- 1% Dimming			
Current NX Enabled - 1% Dimming*		NXE1	
(Not available with CP)			
WaveLinx Pro - 1% Dimming*		WLXP	
*Not available with EM.			
Mounting			
24" Aircraft Cable		C24	
48" Aircraft Cable		C48	
96" Aircraft Cable		C96	
Drywall Frame Kit		F	
(Not available with CLM1, DLM1, NLT1 or NXE1)			
(Cut out dimensions: Min: 24.25"/Max: 24.563")			
15/16" Grid		G1	
9/16" Grid		G2	
Slot Tee		ST	
Surface Mount		SM	
(Not available with CLM1, DLM1, NLT1 or NXE1)			
Consult factory for LAW1.)			
Factory Options			
Air Return		AR	
(Overall height with Air Return is 4.62"-4.89")			
Chicago Plenum		CP	
(Not available with flex whip)			
Emergency Battery ¹		EM	
with Integral Test Switch			
(Cannot combine with 347V			
Not available with 5500LH, 6000LH, 6500LH & 7000LH)			
6' New York City Flex Whip (120V)		FNY1	
6' New York City Flex Whip (277V)		FNY2	
6' Flex Whip		FW	
Finish			WH
Matte Satin White		WH	



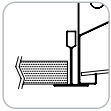
Options in orange qualify for the Quickship program. 5-day up to 100 pieces, 10-day up to 300 pieces. Emergency Battery is 10-day only. Refer to Quickship Guide for complete details.

fixture:

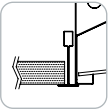
project:

MOUNTING INFORMATION

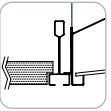
grid



G1
15/16"



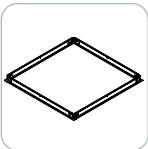
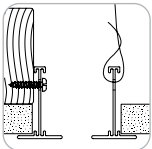
G2
9/16"



"ST" slot tee
9/16"

drywall frame kit

specify "F" 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"

TUNABLE WHITE PERFORMANCE CHART

Lumen Output		Delivered Lumens	Tested System Watts	LPW
2000	2000L	2001	24	82
	2500L	2508	30	83
2500	2500LH	2510	29	85
	3000L	2999	37	81
3000	3000LH	3000	34	89
	3500L	3511	43	81
3500	3500LH	3503	39	89
	4000LH	3999	45	89
4500	4500LH	4508	51	89
5000	5000LH	5008	61	83
5500	5500LH	5501	68	81
6000	6000LH	6003	74	81
6500	6500LH	6516	81	81

Based on 2700K, 80 CRI, Opal Acrylic Lens. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

Lumen Multipliers

CRI	Multiplier
80+	1.00
90+	0.89

Shielding	Multiplier
AC	1.00
MG	0.94

Wattage Multipliers

CCT	Multiplier
2700K	1.00
3000K	0.92
3500K	0.88
4000K	0.86
5000K	0.85
5700K	0.87
6500K	0.90



TUNABLE WHITE
Luminaire Series

Equation 2		FEQ2
Nominal Size		22
2' x 2'		22
Shielding		
Opal Acrylic Lens		AC
MicroGlow Prismatic Lens		MG
Lumen Output		
Standard Output	Standard	
	2000 Lumens	2000L
	2500 Lumens	2500L
	3000 Lumens	3000L
	3500 Lumens	3500L
High Efficiency	2500 Lumens	2500LH
	3000 Lumens	3000LH
	3500 Lumens	3500LH
	4000 Lumens	4000LH
	4500 Lumens	4500LH
	5000 Lumens	5000LH
	5500 Lumens*	5500LH
	6000 Lumens*	6000LH
	6500 Lumens*	6500LH
(*Grid, Slot Tee Only)		
Color Temperature		
Tunable White: 2700-6500K, 80+ CRI		2765T
Tunable White: 2700-6500K, 90+ CRI		92765T
Circuit		1C
Single Circuit		1C
Voltage		
UNV 120/277 Volt		UNV
(5000 Lumens max.)		
120 Volt		120
277 Volt		277
Control System & Dimming Level		
0-10V - 1% Dimming		L1TW
(Not available with surface or cable mount.		
Overall luminaire height increases to 4.52")		
DALI - 1% Dimming		D1TW
(Default driver offers DT6 control. It requires two addresses, one for intensity & one for CCT tuning. Consult factory for DT8. Extended lead time applies.)		
Mounting		
24" Aircraft Cable (Not available with L1TW)		C24
48" Aircraft Cable (Not available with L1TW)		C48
96" Aircraft Cable (Not available with L1TW)		C96
Drywall Frame Kit		F
(Cut out dimensions: Min: 24.25"/Max: 24.563")		
15/16" Grid		G1
9/16" Grid		G2
Slot Tee		ST
Surface Mount (Not available with L1TW)		SM
Factory Options		
Air Return		AR
(Overall height with Air Return is 4.62"-4.89")		
Chicago Plenum		CP
(Not available with flex whip)		
Emergency Battery		EM
with Integral Test Switch		
(4500 Lumen max.)		
6' New York City Flex Whip (120V)		FNY1
6' New York City Flex Whip (277V)		FNY2
6' Flex Whip		FW
Finish		WH
Matte Satin White		WH

Declare.

Equation® 2
Focal Point, LLC

Final Assembly: Chicago, Illinois, USA
Life Expectancy: 10 Year(s)
End of Life Options: Recyclable (55%), Landfill (45%)

Ingredients:

UNS G1008; Polymethyl methacrylate; Steel, carbon; Small Electrical Components - RoHS Compliant¹; Copper; Steel; Polyvinyl chloride; Poly[imino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl]; Methyl methacrylate; Benzene, ethenyl-, homopolymer, brominated; Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE); Steel manufacture, chemicals

¹LBC Temp Exception RL-002 - Small Electrical Components

Living Building Challenge Criteria:

I-13 Red List:

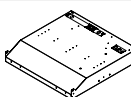
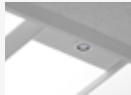
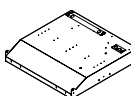
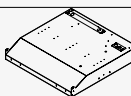
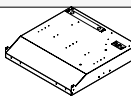
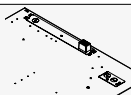
☐ LBC Red List Free	% Disclosed: 100% at 100ppm
☐ LBC Red List Approved	VOC Content: Not Applicable
☒ Declared	

I-10 Interior Performance: Not Applicable
I-14 Responsible Sourcing: Not Applicable

FPL-0004
 EXP: 01 JAN 2026
 Original Issue Date: 2024

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
 INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare

Focal Point provides flexibility in meeting the needs of each project by integrating with several building lighting control systems. A variety of sensors, drivers and other components can be specified that allow the luminaires to communicate with wired and wireless networks. All zoning can be digitally reconfigured through the application software. Daylight harvesting, occupancy sensing, integration with HVAC systems, and individual controls enable the monitoring and modulating of light levels and temperature in order to save energy, reduce costs and maximize occupants' comfort. All Connected Solutions luminaires require a compatible building control system.†

Connected Solution	Ordering Code	Model #**	Protocol	Compatible Networks*	Occupancy & Daylight	Temperature Reporting	Communication to Luminaire	Drivers	
 WATTSTOPPER®		DLM1	LMFC-011	DLM	DLM	Enabled	No	Wired 	Advance by Signify , Optotronic by eldoLED
		LMFS1	LMFS-601 & LMFI-111	DLM Wireless	DLM	Integrated	No	Wireless	Advance by Signify
		LMFSD	LMFS-601						Optotronic by eldoLED (Dexal)
		WLXP	OEM-WAA	WaveLinx Wireless	WaveLinx Pro Trellix	Integrated	No	Wireless (WaveLinx Pro Wireless Area Controller)	Advance by Signify
		D11	Specified Driver	DALI	Crestron Züm Wireless & SpaceBuilder	Enabled	No	Wired	eldoLED ECOdrive
		L11		0-10V					Advance by Signify
		CLM1	ZBHA-CLM-DIM-ENC	ZigBee	Encelium X Light Management System	Enabled	No	Wireless	Optotronic by eldoLED Advance by Signify
		LAW1	A-WN-D01-RF-WH	0-10V DALI†	Athena Wireless	Enabled	No	Wireless	Advance by Signify
		LAWS	A-WN-D01-OCC-WH	0-10V DALI†	Athena Wireless	Integrated	No	Wireless	Advance by Signify
		LH1	LDE1	EcoSystem	Quantum, Energi Savr Node, Energi TriPak	Enabled	No	Wired	Lutron Hi-Lume
		NLT1	nEPS-60-IO	nLight	nLight	Enabled	No	Wired 	eldoLED ECOdrive , eldoLED SOLOdrive
			NXE1	NXFM-LV	NX	NX Distributed Intelligence	Enabled	No	Wired 

*Not all compatible networks may be listed. **For performance data and additional control system details please visit the connected solutions manufacturer websites. Primary drivers are listed in **bold**. To specify a particular driver please consult factory.
†Controls systems supplied by others. †0-10V standard with Lutron Athena options, consult factory for DALI.