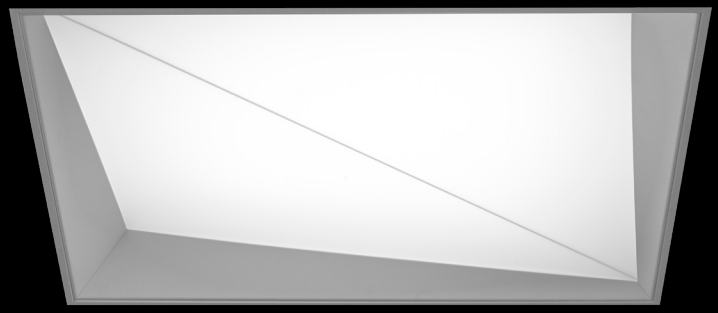
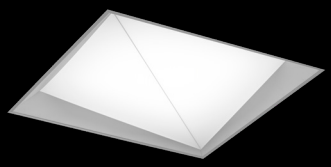
Facetta 2x2

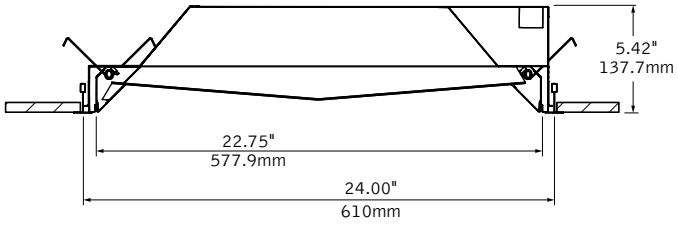
LED

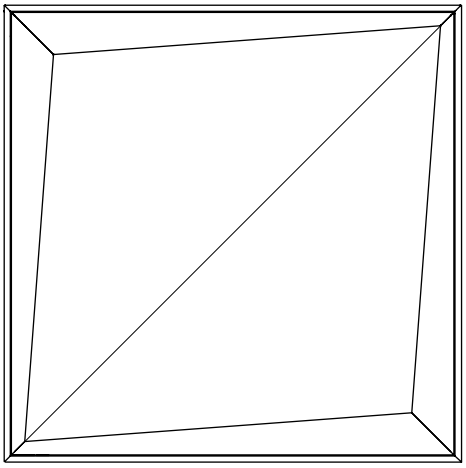
FOCAL POINT®





DIMENSIONAL DATA





FEATURES

Architectural recessed LED luminaire with faceted lens.

Faceted lens allows for use in clusters to create unique architectural patterns.

A one-piece, hinged bezel assembly is easily removed for ease of maintenance.

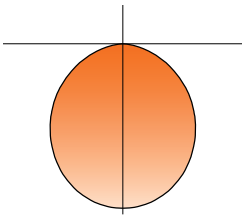
Standard Right Light levels from 1,000 to 6,000 lumens.

Dimming options include DALI, 0-10V and Lutron EcoSystem.

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:	1000-6000lm
Wattage:	9-50W
LPW:	115-125
SDCM:	3

Delivered Lumens: 3000lm

Total System Watts: 26W

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

fixture: project:

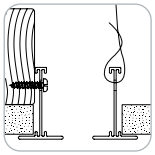
DETAILS

grid

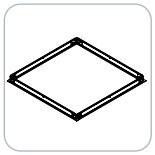
"G" flat tee "ST" slot tee

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"

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. 3500K and 4000K with CRI>90 have a cyanosis observation index (COI) of 3.3 or less. 0-10V dimming driver standard. LED modules and drivers are replaceable from below. Color accuracy <3 SDCM.

Construction

24 Ga. steel housing. Bottom access 24 Ga. steel driver compartment. Positional brackets supplied as standard. Weight: 14.9lbs.

Optic

20 Ga. steel reflectors finished in matte satin white powder coat.
.060" thick frosted acrylic lens.

Electrical

Standard 120-277V driver includes 0-10V analog dimming, 100% - 10% range.
Power factor > .9. PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

Emergency

Emergency battery output—10 watts for 90 minutes. Maximum mounting height: 24.7ft. Emergency Circuit with Connected Solutions (DLM1, LMFS1, LMFSD, NLT1, ENL1, CLM1, NXE1, WLXP) requires a UL924 compliant device, consult factory. Top access 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.

Lumen Maintenance

Reported: L70 at 42,000 hours Calculated: L70 at 115,000 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.

Lifetime and 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	9	115
1500	13	116
2000	17	121
2500	21	123
3000	26	119
3500	31	117

Delivered Lumens	Tested System Watts	LPW
4000	36	116
4500	36	125
5000	41	123
5500	45	122
6000	50	118

Based on 3500K, 80 CRI. Lumen multipliers:
Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%.

ORDERING

Luminaire Series		**FCT**
Facetta	FCT	
Nominal Size		**22**
2' x 2'	22	
Shielding		**FL**
Frosted Lens	FL	
Lumen Output		
1000 Lumens	1000L	
1500 Lumens	1500L	
2000 Lumens	2000L	
2500 Lumens	2500L	
3000 Lumens	3000L	
3500 Lumens	3500L	
4000 Lumens	4000L	
4500 Lumens	4500L	
5000 Lumens	5000L	
5500 Lumens	5500L	
6000 Lumens	6000L	
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 120/277 Volt	UNV	
347 Volt (Transformer required for all drivers except LD1. Transformer access above ceiling only. LD1 not available with 1000 Lumens. Not available with SD5.)	347	
Low Voltage	LV	
Control System & Dimming Level		
0-10V - 10% Dimming	LD1	
0-10V - 1% Dimming	L11	
Low Voltage, PoE compatible (No driver. Not available with EM. LV Voltage only.)	LVN	
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming	LH1	
DALI - 1% Dimming	D11	
Step Dimming (120/277 only.)	SD5	
Wattstopper DLM - 1% Dimming (Not available with CP.)	DLM1	
Wattstopper Fixture Sensor Low Density – 1% Dimming (Remote mounted sensor.)	LMFS1	
Wattstopper Fixture Sensor High Density – 1% Dimming (Remote mounted sensor.)	LMFSD	
Acuity nLight - 1% Dimming (Not available with CP.)	NLT1	
Enlighted Smart Sensor - 1% Dimming (Remote mounted sensor.)	ENL1	
Encelium CLM Connected Lighting Module - 1% Dimming	CLM1	
Current NX Enabled – 1% Dimming (Not available with CP.)	NXE1	
WaveLinx Pro – 1% Dimming (Remote mounted sensor.)	WLXP	
Mounting		
Drywall Frame Kit (Not available with CLM1, DLM1, NXE1 or NLT1)	F	
Grid	G	
Slot Tee	ST	
Factory Options		
Chicago Plenum (Not available with flex whip)	CP	
Emergency Battery (120/277V only. Top access only.)	EM	
6' New York City Flex Whip (120V)	FNY1	
6' New York City Flex Whip (277V)	FNY2	
6' Flex Whip	FW	
Finish		**WH**
Matte White Housing	WH	

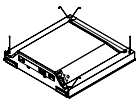
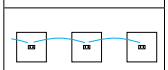
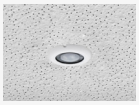
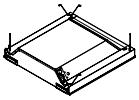
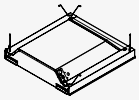
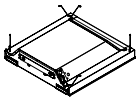
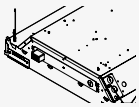
Focal Point LLC reserves the right to change specifications for product improvement without notification.

CONNECTED SOLUTIONS

Facetta 2x2

LED

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
legrand® / WATTSTOPPER®		DLM1	LMFC-011	DLM	DLM	Enabled	No	Wired 	**Advance by Signify**, Optotronic by eldoLED
		LMFS1	LMFS-601 & LMFI-111	DLM Wireless	DLM	Enabled	No	Wireless	**Advance by Signify**
		LMFSD	LMFS-601						**Optotronic by eldoLED (Dexal)**
COOPER Lighting Solutions		WLXP	OEM-WAA	WaveLinx Wireless	WaveLinx Pro Trellix	Enabled	No	Wireless (WaveLinx Pro Wireless Area Controller)	**Advance by Signify**
CRESTRON		D11	Specified Driver	DALI	Crestron Zūm Wireless & SpaceBuilder	Enabled	No	Wired	**eldoLED ECOdrive**
		L11		0-10V					**Advance by Signify**
ENCELIUM		CLM1	ZBHA-CLM-DIM-ENC	ZigBee	Encelium X Light Management System	Enabled	No	Wireless	**Optotronic by eldoLED** Advance by Signify
Enlighted		ENL1	SU-5E-IOT	Enlighted RF	Enlighted	Integrated	Yes	Wireless	**Advance by Signify**
LUTRON		LH1	LDE1	EcoSystem	Quantum, Energi Savr Node, Energi TriPak	Enabled	No	Wired	**Lutron Hi-Lume**
nLIGHT		NLT1	nEPS-60-IO	nLight	nLight	Enabled	No	Wired	**eldoLED ECOdrive,** eldoLED SOLOdrive
NX LIGHTING CONTROLS		NXE1	NXFM-LV	NX	NX Distributed Intelligence	Enabled	No	Wired	**Optotronic by eldoLED**

*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.