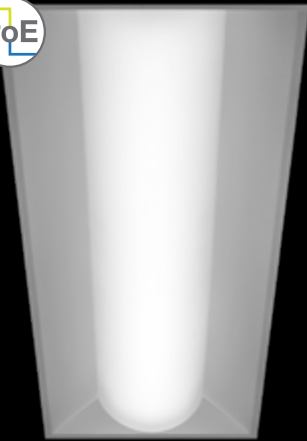
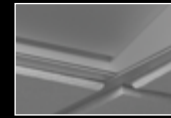


Amica™ 2 1x4

LED

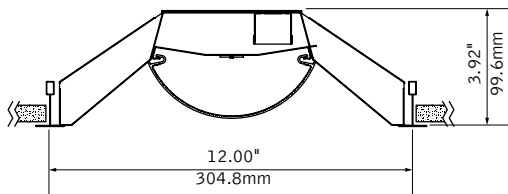


lens detail

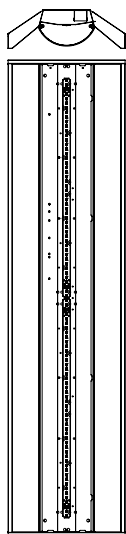


air return

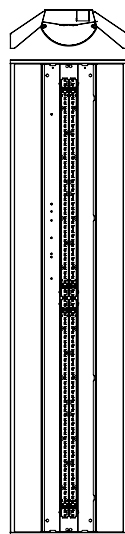
DIMENSIONAL DATA



led options



Standard
(1 LED Board)



High Efficiency
(2 LED Boards)

FEATURES

Architectural recessed LED luminaire with classic lines to complement architecture.

Center ribbed diffuser masks LED brightness to create even illumination.

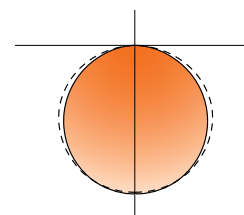
3.9" housing depth ideal for shallow plenum applications.

Access from below the ceiling for easy maintenance.

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

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

PERFORMANCE



PRODUCT OVERVIEW

Lumen Output:	4000-8000lm
Wattage:	30-63
LPW:	124-134
SDCM:	3

High Performance
4000 Lumens (4000LH)

Delivered Lumens: 4000lm

Total System Watts: 30W


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

fixture:


project:

MOUNTING INFORMATION


grid



9/16" tee



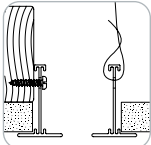
15/16" tee



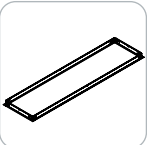
slot tee

drywall frame kit

specify "F" Drywall Frame Kit for drywall ceiling conditions.



Use tie-wire or screws to secure frame kit.



Cut out dimensions:
1': Min: 12.25"
Max: 12.56"
4': Min: 48.25"
Max: 48.56"

SPECIFICATIONS

LED System

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. LED modules and drivers are replaceable from below.

Construction

One piece 24 Ga. steel reflector and housing. Bottom access 24 Ga. steel driver compartment. Top access plate for electrical connection. Positional brackets supplied as standard. Unit weight: 11.7 lbs.

Optic

24 Ga. steel reflectors finished in matte satin white powder coat. .084" thick frosted white acrylic diffuser with linear micro-prism pattern.

Electrical

Standard 120-277V driver includes 0-10V analog dimming. Power factor > .9. LD1 not Right Light as standard, consult factory. 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: 19.9ft Emergency Circuit with Connected Solutions (NLT1, ENL1, CLM1, DLM1) requires a UL924 compliant device, consult factory.

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 Anti-Microbial paint finish available.

Lumen Maintenance

Reported:

L70 at > 60,000 hours

L80 at > 60,000 hours

Calculated:

L70 at 150,000 hours

L80 at 94,000 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	Lumen Multipliers		
				CCT	CRI	Multiplier
4000 Lumens	4000L	32	124	3000K	80	0.81
	4000LH	30	134		90	0.93
4500 Lumens	4500L	37	122	3500K	80	1.00
	4500LH	34	133		90	0.96
5000 Lumens	5000L	38	130	4000K	80	0.85
	5000LH	38	134		90	0.98
5500 Lumens	5500L	42	129			
	5500LH	41	133			
6000 Lumens	6000L	46	128			
	6000LH	44	133			
6500 Lumens	6500L	51	127			
	6500LH	49	133			
7000 Lumens	7000L	57	123			
	7000LH	55	128			
7500 Lumens	7500L	60	125			
	7500LH	58	129			
8000 Lumens	8000L	63	128			
	8000LH					

Based on 3500K, 80 CRI. *Lumen output may vary +/- 8%. Actual wattage may vary +/- 5%

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

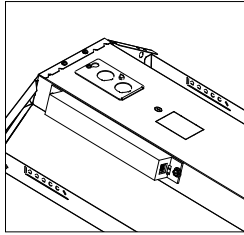
ORDERING		FAM2
Luminaire Series		
Amica 2	FAM2	
Nominal Size		14
1' x 4'		
Shielding		ACR
Ribbed Acrylic Diffuser		ACR
Lumen Output		
Standard (2 LED Boards)		
4000 Lumens	4000L	
4500 Lumens	4500L	
5000 Lumens	5000L	
5500 Lumens	5500L	
6000 Lumens	6000L	
6500 Lumens	6500L	
7000 Lumens	7000L	
7500 Lumens	7500L	
High Efficiency (4 LED Boards)		
4000 Lumens	4000LH	
4500 Lumens	4500LH	
5000 Lumens	5000LH	
5500 Lumens	5500LH	
6000 Lumens	6000LH	
6500 Lumens	6500LH	
7000 Lumens	7000LH	
7500 Lumens	7500LH	
8000 Lumens	8000LH	
Color Temperature		
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		
120/277 UNV Volt	UNV	
347 Volt	347	
(LD1, CLM1 only. Not available with EM.)		
Low Voltage		LV
Control System & Dimming Level		
0-10V - 1% Dimming		L11
0-10V - 10% Dimming		LD1
(Not Right Light as standard, consult factory)		
Low Voltage, PoE compatible		LVN
(No driver. Not available with EM. LV Voltage only)		
Lutron Hi-Lume EcoSystem (LDE1) -		
1% Dimming (Not available with 7500L or 8000LH)		LH1
Step Dimming		SD5
DALI 1% Dimming		D11
Acuity nLight* - 1% Dimming		NLT1
(Not available with Chicago Plenum, Recessed grid & drywall frame kit mounting only.)		
Enlighted Smart Sensor - 1% Dimming		ENL1
Encelium CLM Connected Lighting Module		
- 1% Dimming		CLM1
(Compatible with Encelium X Light Management System)		
Wattstopper* DLM - 1% Dimming		DLM1
(Recessed grid & drywall frame kit mounting only)		
Mounting		
Grid		G
Drywall Frame Kit		F
(Cut out dimensions: Min: 12.25"/Max: 12.56" Min: 48.25"/Max: 48.56")		
Surface Mount		SM
24" Aircraft Cable		C24
48" Aircraft Cable		C48
96" Aircraft Cable		C96
Factory Options		
Air Return		AR
(Overall height for luminaire with Air Return is 4.4")		
Chicago Plenum		CP
(Not available with flex whip)		
Emergency Battery		
with Integral Test Switch		EM
6' New York City Flex Whip (120V)		FN1Y1
6' New York City Flex Whip (277V)		FN1Y2
6' Flex Whip		FW
Finish		
Matte Satin White		WH
Matte Satin White Anti-Microbial		WHA



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.

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.†



nLight[®] provides a two-way wired digital lighting system allowing for on/off and dimming functionality, occupancy sensing, and multi-zone daylight harvesting.

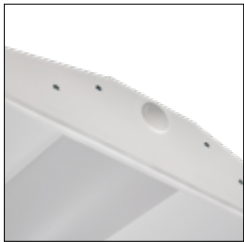
Acuity nLight - 1% Dimming (NLT1)
Acuity Model #nEPS-60-IO

CAT-5 Cable provided by others. Serial labels will be provided on outside of luminaires and control unit.



Enlighted smart sensor allows for occupancy sensing, daylight harvesting, energy usage, temperature and light level control. Communicates wirelessly with the Enlighted network.

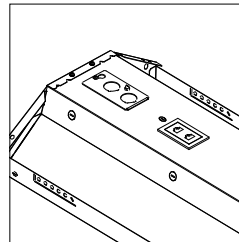
Enlighted Smart Sensor - 1% Dimming (ENL1)
Enlighted Model #SU-5E-IOT



Encelium's Connected Lighting Module (CLM) is fully compatible with the Encelium X Light Management System, as well as with 0-10V and DALI based LED drivers to allow for individual luminaire control, including on/off and dimming functionalities, occupancy sensing, and multi-zone daylight harvesting.

Encelium CLM - 1% Dimming (CLM1)
Encelium Model #ZBHA-CLM-DIM-ENC

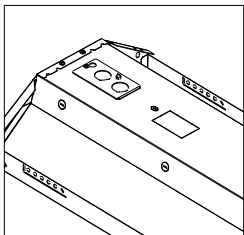
Serial labels will be provided on outside of luminaires and control unit.



A Digital Lighting Management (DLM) system that provides two-way wired communication between networked luminaires and control system to allow for on/off and dimming functionality, occupancy sensing and multi-zone daylight harvesting.

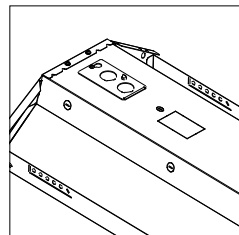
Wattstopper DLM - 1% Dimming (DLM1)
Wattstopper Model #LMFC-011

CAT-5 Cable provided by others. Serial labels will be provided on outside of luminaires and control unit.



A two-way digital network that enables on/off and dimming functionality, occupancy sensing, and multi-zone daylight harvesting working with Quantum[®], Energi Savr Node[™], and Energi TriPak[®] using EcoSystem[®] communication protocol.

Lutron Hi-Lume EcoSystem - 1% Dimming (LH1)
Lutron Model #LDE1



A two-way digital network that enables on/off and dimming functionality, occupancy sensing, and multi-zone daylight harvesting. Communicates with Züm wireless and SpaceBuilder working with Züm hub scheduling or FUSION management.

DALI - 1% Dimming (D11)
0-10V - 1% Dimming (L11)

Note: 0-10V is not a digital network but is compatible with Creston Züm[™] system.

CONNECTED SOLUTIONS DETAILS

Connected Solution	Model #	Protocol	Compatible Networks*	Occupancy	Daylight	Temperature Reporting	Communication to Luminaire	Drivers
Acuity nLight (NLT1)	nEPS-60-IO**	nLight	nLight	Enabled	Enabled	No	Wired	eldoLED ECOdrive , eldoLED SOLOdrive
Crestron (D11, L11)	Specified Driver	DALI 0-10V	Crestron Züm Wireless & SpaceBuilder	Enabled	Enabled	No	Wired	eldoLED ECOdrive (DALI) , Advance by Signify (0-10V)
Enlighted Smart Sensor (ENL1)	SU-5E-IOT**	Enlighted RF	Enlighted	Integrated	Integrated	Yes	Wireless	Advance by Signify
Legrand Wattstopper DLM (DLM1)	LMFC-011**	DLM	DLM	Enabled	Enabled	No	Wired	Advance by Signify , Optotronic by eldoLED
Lutron EcoSystem (LH1)	LDE1**	EcoSystem	Quantum, Energi Savr Node, Energi TriPak	Enabled	Enabled	No	Wired	Lutron Hi-Lume
Encelium CLM Connected Lighting Module (CLM1)	ZBHA-CLM-DIM-ENC*	ZigBee	Encelium X Light Management System	Enabled	Enabled	No	Wireless	Optotronic by eldoLED , Advance by Signify

*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.