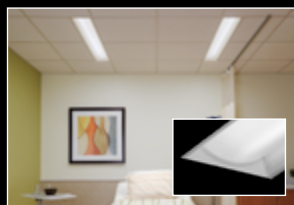


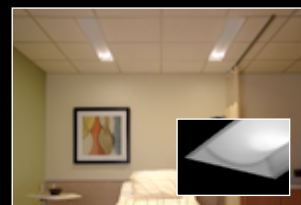
Apollo 8 LED

Ambient only

LED

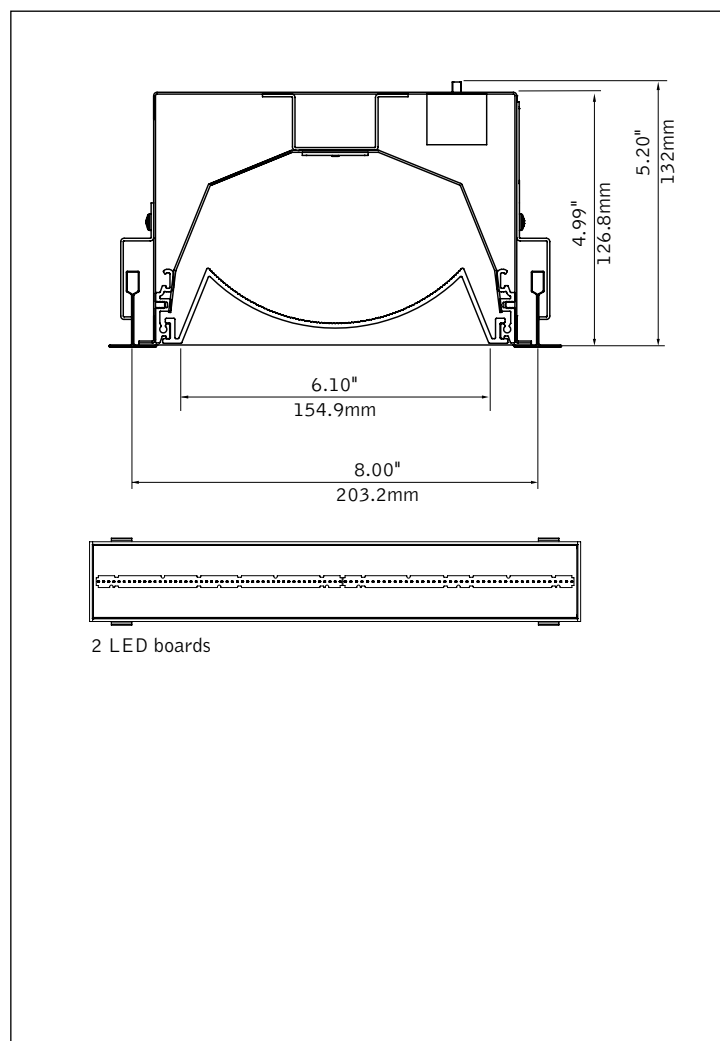


companion ambient + exam pair
(exam function shown)



companion ambient + exam
+ reading light pair
(reading function shown)

DIMENSIONAL DATA

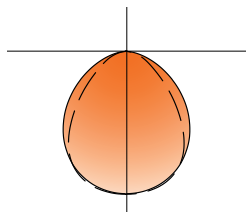


FEATURES

8" x 4' wide ambient recessed luminaire.

Radial extruded acrylic diffuser with internal ribs provides brightness control, even illumination, and easy wipe down for cleaning.

PERFORMANCE



PRODUCT OVERVIEW

Lumen Output:	2000 -4500lm
Wattage:	16-44W
LPW:	102-126
SDCM:	3

2500 Lumens, 80+ CRI

Delivered Lumens: 2500lm

Total System Watts: 20W

Visit focalpointlights.com for complete photometric data.

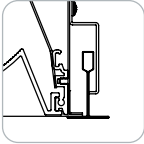
fixture:

project:

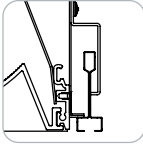
MOUNTING INFORMATION

grid

specify "G" for flat 9/16" and 15/16" tee or "ST" for 9/16" slot tee grid types.



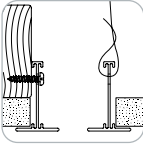
"G" flat tee



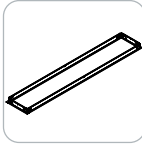
"ST" slot tee

drywall frame kit

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



Use tie-wire or screws to secure frame kit.



cut out dimensions:
8": Min: 8.3125"
Max: 8.625"
4": Min: 48.325"
Max: 48.6875"

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 3000K, 3500K, 4000K and 5000K with both 80+ and 90+ CRI options. 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

20 Ga. Steel housing. LEDs sealed and enclosed by detachable acrylic diffuser. End of lens sealed by silicone gasket. Side access plate for electrical connection. Positional clips standard. Weight 20.6lbs

Optic

One piece 18 Ga. Aluminum reflector finished in matte white.

Electrical

An optional Low Voltage Controller (LVC) allows control of the light sources from a pillow speaker, bed communication side rail device, or momentary dry contact switch. The LVC is configurable to operate with one to three switches, depending on the number of light sources in the fixture and the configuration of buttons on the pillow speaker. The controller also enables dimming of the light sources. It is FCC compliant and will not cause harmful interference. LVC leads are factory labeled.

Emergency Battery

Emergency output—10 watts for 90 minutes. Maximum mounting height: 24ft.

Labels

UL and cUL listed. IP65 per IEC 60529 ensures that the enclosure is dust-tight and protected against jet streams of water from any direction without any harmful effects.

Finish

Antimicrobial polyester powder coat applied over a multi-stage pre-treatment.

Lumen Maintenance

Reported:

L70 > 61,000 hours

L90 > 61,000 hours

Calculated:

L70 at 480,000 hours

L90 at 128,000 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.

Delivered Lumens	80+ CRI		90+ CRI	
	Tested System Watts	LPW	Tested System Watts	LPW
2000	16	126	19	108
2500	20	123	24	106
3000	25	121	29	104
3500	29	120	34	103
4000	34	119	39	103
4500	38	118	44	102

Based on 3500k. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%

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

ORDERING		FMA8L
Luminaire Series	Apollo 8 Ambient Only	FMA8L
Nominal Size	8" x 4'	84
Shielding	Radial Acrylic Lens	RA
Lumen Output	2000 Lumens 2500 Lumens 3000 Lumens 3500 Lumens 4000 Lumens 4500 Lumens	2000L 2500L 3000L 3500L 4000L 4500L
(Consult factory for custom lumen options)		
Color Temperature	3000K, 80+ CRI or 90+ CRI 3500K, 80+ CRI or 90+ CRI 4000K, 80+ CRI or 90+ CRI 5000K, 80+ CRI or 90+ CRI	30K or 930K 35K or 935K 40K or 940K 50K or 950K
Circuit	One Circuit	1C
Voltage	120/277 UNV Volt 347 Volt (L11 & all LVC options only. Transformer required for all LVC options)	UNV 347V
Control System & Dimming Level	0-10V - 1% Dimming 0-10V - 10% Dimming Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming DALI - 1% Dimming Step Dimming	L11 LD1 LH1 D11 SD5
Low Voltage Controller - On/Off	(1-button pillow speaker)	LVC
Low Voltage Controller - 1% Dimming	(1-button pillow speaker)	LVC1
Low Voltage Controller - Step Dimming	(1-button pillow speaker)	LVCp
(Consult factory for alternate LVC wiring configurations or Acuity nLight & Wattstopper DLM options)		
Mounting	Drywall Frame Kit Grid Slot Tee	F G ST
Factory Options	Chicago Plenum (not available with Flex Whip)	CP
Emergency Circuit	(Consult factory for LVC options)	EC
Emergency Circuit with Generator Transfer Device	(120/277 Volt only. Not available with EC or EM. Consult factory for LVC options)	ECGT
Emergency Battery	(120/277 Volt only. Consult factory for LVC options)	EM
6' New York City Flex Whip (120V)		FNy1
6' New York City Flex Whip (277V)		FNy2
6' Flex Whip		FW
IP65 Rated (not available with Flex Whip)		IP65
NSF Listed		NSF
Finish	Matte Satin White Antimicrobial	WHA