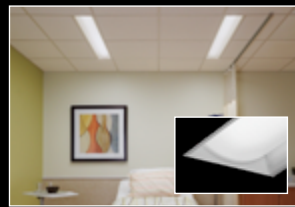
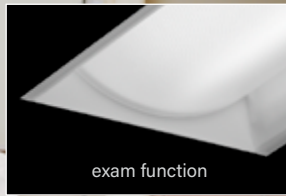


# Apollo 8 LED Ambient + Exam

LED



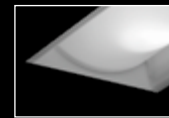
ambient function



exam function

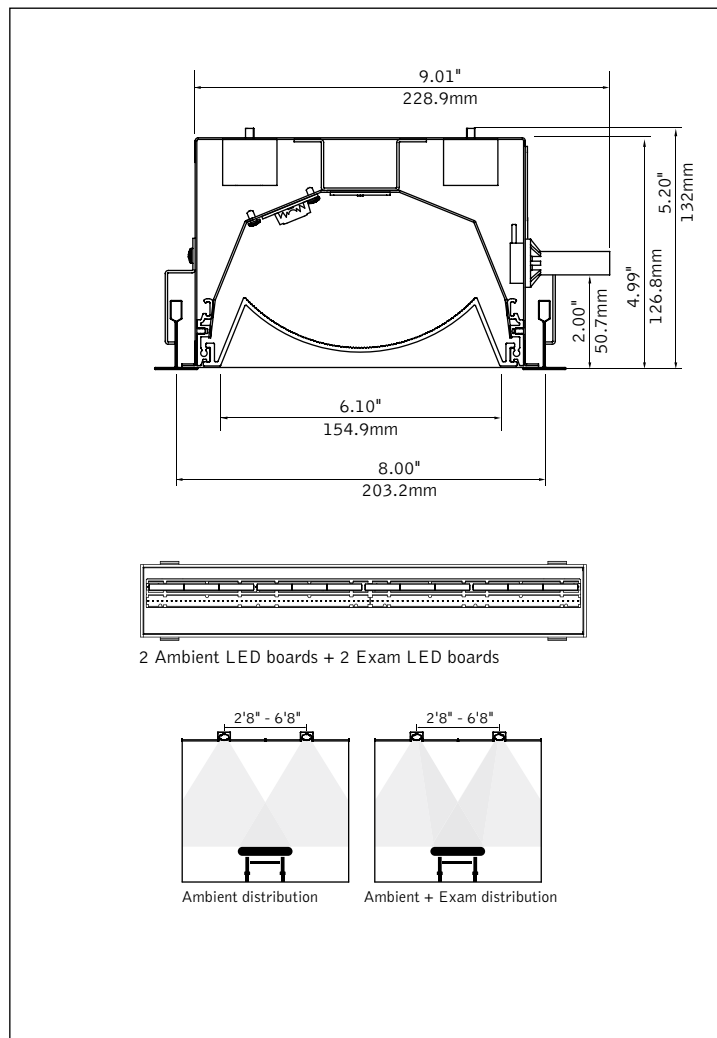


companion ambient only



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

## DIMENSIONAL DATA



## FEATURES

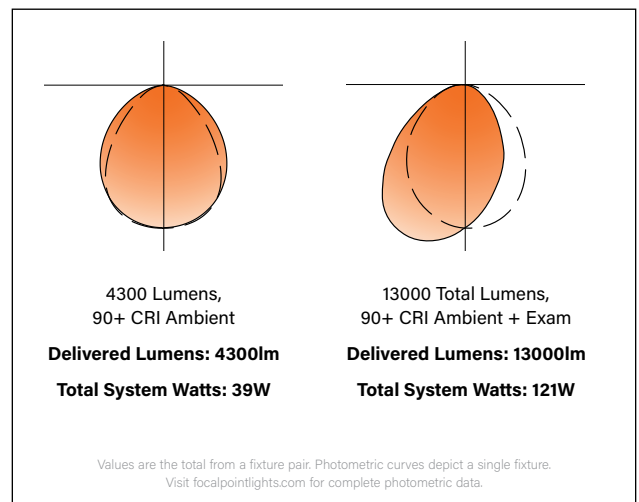
8" wide ambient recessed patient bed light pair with exam function.

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

Sold as tandem luminaires with master and satellite connected by a low voltage whip. Single power feed allows for easy maintenance.

Custom Curbell dimmable low voltage controller option enables dimming capabilities from a bedside pillow speaker.

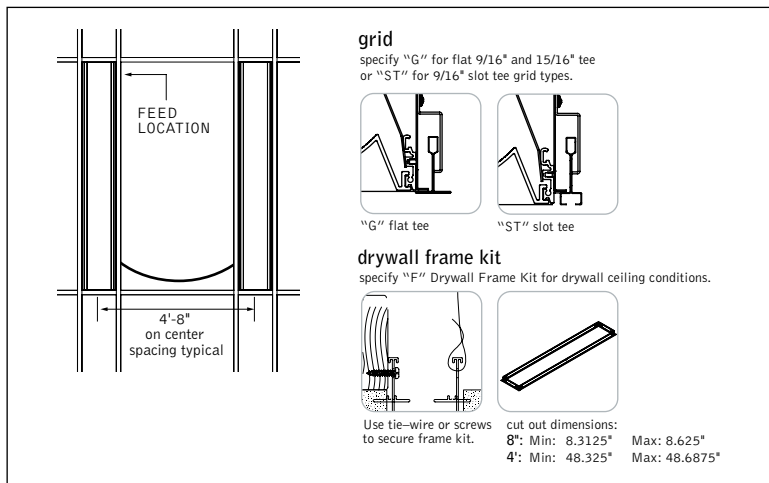
## PERFORMANCE



fixture:

project:

**MOUNTING INFORMATION**



**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. Fixture pair weight 40.9lbs

**Optic**

One piece 18 Ga. Aluminum reflector finished in matte white. Exam LEDs are asymmetrically angled to focus light on the center of the bed. An additional focusing optic is used on Exam LEDs for 11000L, 12000L, 13000L outputs.

**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.

**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      Calculated: L70 at 480,000 hours  
L90 > 61,000 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.

**SEE PAGE 3 FOR PERFORMANCE CHART**

**ORDERING**

**Luminaire Series**

(Always sold in pairs)

Apollo 8 Ambient + Exam FMA8LE

**Nominal Size**

8" x 4' 84

**Shielding**

Radial Acrylic Lens RA

**Pair Total - Lumen Output**

2800 Lumens Ambient, 10300 total with Exam 10300L  
4300 Lumens Ambient, 10400 total with Exam 10400L  
5700 Lumens Ambient, 10500 total with Exam 10500L  
2800 Lumens Ambient, 11000 total with Exam 11000L  
4300 Lumens Ambient, 12000 total with Exam 12000L  
5700 Lumens Ambient, 13000 total with Exam 13000L

(Consult factory for custom lumen options)

**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  
5000K, 80+ CRI or 90+ CRI 50K or 950K

**Circuit**

Two Circuit 2C

**Voltage**

120 Volt 120V  
277 Volt 277V  
347 Volt 347V

(L1 & all LVC options only)

Transformer required for all LVC options)

**Control System & Dimming Level**

(2 drivers per fixture pair)

0-10V - 1% Dimming L11  
0-10V - 10% Dimming LD1  
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming LH1  
DALI - 1% Dimming D11  
Step Dimming SD5

(Ambient dimming. Exam on/off only)

**Low Voltage Controller - On/Off**

(1-button pillow speaker - Ambient control)

**Low Voltage Controller - 1% Dimming**

(1-button pillow speaker - Ambient control)

**Low Voltage Controller - Step Dimming**

(1-button pillow speaker - Ambient control)

(Consult factory for alternate LVC wiring configurations or Acuity nLight & Wattstopper DLM options)

**Mounting**

Drywall Frame Kit F  
Grid G  
Slot Tee ST

**Factory Options**

Chicago Plenum CP

(Not available with Flex Whip.

Consult factory for fixture spacing greater than 4'-8")

**Emergency Circuit**

(Consult factory for LVC options)

**Emergency Circuit with**

**Generator Transfer Device**

(120 & 277 Volt only. Not available with EC.

Ambient only, consult factory for exam or LVC options)

**6' New York City Flex Whip**

FNY

6' Flex Whip FW

IP65 Rated IP65

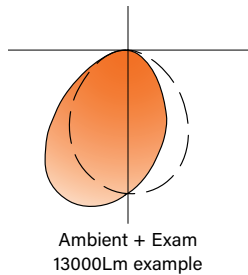
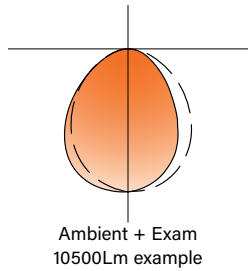
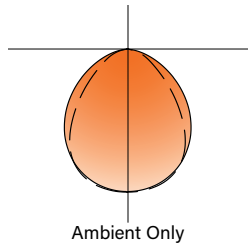
(Not available with Flex Whip.

Consult factory for fixture spacing greater than 4'-8")

**Finish**

Matte Satin White Antimicrobial WHA

**FIXTURE PAIR PERFORMANCE CHART (FMA8LE) - AMBIENT + EXAM FUNCTIONS**



Lumen Output	Function	Delivered Lumens	80+ CRI		90+ CRI	
			Tested System Watts	LPW	Tested System Watts	LPW
10300	Ambient Only	2800	22	130	25	112
	Ambient + Exam	10300	85	122	98	106
10400	Ambient Only	4300	34	127	39	110
	Ambient + Exam	10400	84	123	98	107
10500	Ambient Only	5700	45	126	52	109
	Ambient + Exam	10500	84	125	97	108
11000	Ambient Only	2800	22	130	25	112
	Ambient + Exam	11000	90	121	104	104
12000	Ambient Only	4300	34	127	39	110
	Ambient + Exam	12000	103	121	117	105
13000	Ambient Only	5700	45	126	52	109
	Ambient + Exam	13000	104	122	121	105

Values are the total from a fixture pair, 3500k. Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%. Photometric curves depict a single fixture.

Visit [focalpointlights.com](http://focalpointlights.com) for complete specification information.