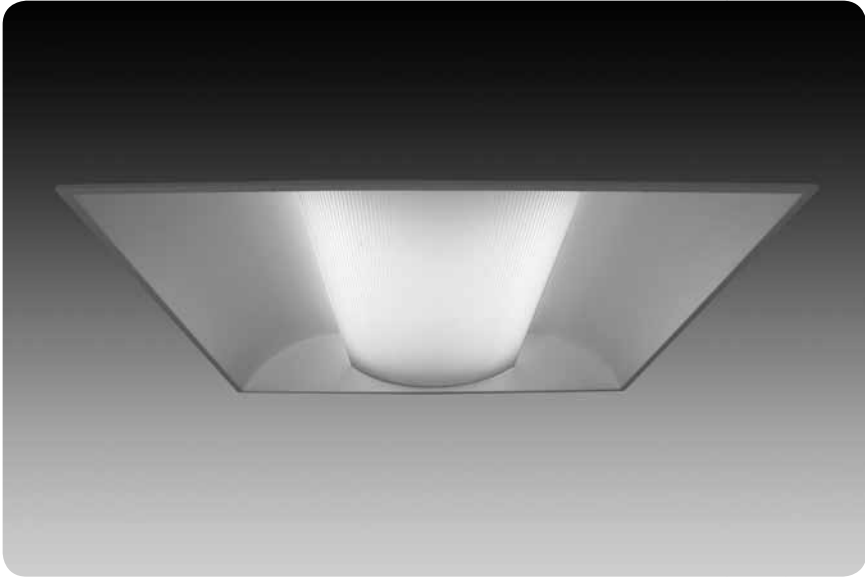


apollo 2 2x2



Covered by the following US Patents: 7,674,005 B2 and 7,963,662 B2.

features

2'x2' recessed indirect with acrylic diffuser.

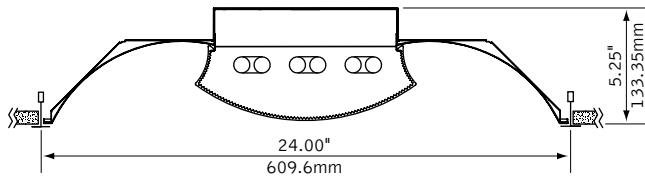
Fixture efficiencies as high as 74%.

Sealed optical compartment for easy cleaning and maintenance.

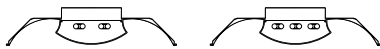
Extruded acrylic diffuser provides low brightness and even illumination.

The Apollo 2 luminaire, with its clean architectural design, is ideal for corridors and offices in healthcare applications.

dimensional data



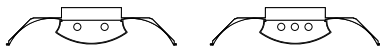
lamping options



BIAX LAMPS



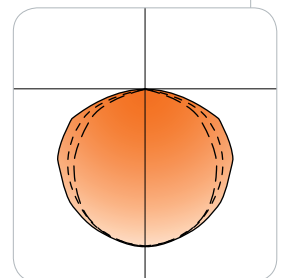
T5/T5H0 LAMPS



T8 LAMPS

performance

2-Lamp 40W BiAx
74% Efficiency
1550 cd @ 15°



Visit focalpointlights.com for complete photometric data.

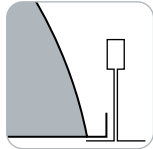
fixture:

project:

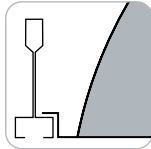
mounting information

grid

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



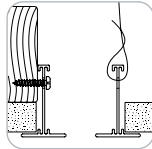
"G" flat tee
Luminaires cannot be installed in T-bar ceiling systems over 1.5".



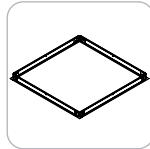
"ST" slot tee

drywall frame kit

specify "DF" 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

construction

20 Ga. steel housing.
Lamp compartment is sealed and enclosed by detachable extruded acrylic diffuser.
.250" closed-cell gasket seals acrylic lamp shield at ends of fixture.
Bottom access 20 Ga. steel ballast compartment.

weight: 23 lbs

optic

One-piece 20 Ga. steel side reflectors finished in Matte Satin White powder coat.
20 Ga. steel center reflector finished in High reflectance White.

electrical

Ballasts are thermally protected and have a Class "P" rating.
Optional dimming ballasts available.
Consult factory for dimming specifications and availability.
UL and cUL listed.

finish

Polyester powder coat applied over a 5-stage pre-treatment.

ordering

luminaire series	Apollo 2	FMA2	<u>FMA2</u>
nominal size	2'x2'	22	<u>22</u>
lamp quantity	Two Lamp	2	_____
	Three Lamp	3	_____
lamp type			_____
	40 Watt Biax	BX40	_____
	50 Watt Biax	BX50	_____
	55 Watt Biax	BX55	_____
	T5	T5	_____
	T5H0	T5H0	_____
	T8	T8	_____
circuits			_____
	Single Circuit	1C	_____
	Dual Circuit	2C	_____
voltage			_____
	120 Volt	120	_____
	277 Volt	277	_____
	347 Volt	347	_____
ballast			_____
	Electronic Instant Start <20% THD	E	_____
	Electronic Program Start <10% THD	S	_____
	Electronic Dimming Ballast*	D	_____
mounting			_____
	Grid Mount	G	_____
	Slot tee	ST	_____
factory options			_____
	Chicago Plenum	CP	_____
	Drywall Frame Kit (Cut out dimensions: Min: 24.25"/Max: 24.563")	DF	_____
	Emergency Battery Pack*	EM	_____
	Single Fuse and Holder	FU	_____
	Include 3000K Lamp*	L830	_____
	Include 3500K Lamp*	L835	_____
	Include 4100K Lamp*	L841	_____
	Flex Whip*	_____	_____
	Separate Circuit*	SC	_____
	Separate Circuit Tandem*	SCT	_____
	Labor Saving Master Satellite*	LS	_____
	Ballast Saving Tandem*	BST	_____
finish			_____
	Matte Satin White	WH	_____
	Matte Satin White Anti-Microbial	WHA	_____

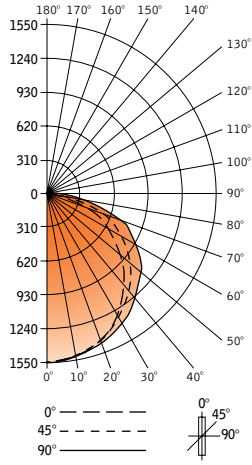
* for more information see Reference section.

apollo 2 2x2



Filename: FMA2222BX40.IES
 Catalog #: FMA2-22-2-BX40-1C-120-E-G-WH
 Efficiency: 74%

CANDLEPOWER DISTRIBUTION



Spacing 1.2
 Criterion: 1.8

Vertical Angle	Horizontal Angle				Zonal Lumens
	0°	22.5°	45°	67.5°	
0°	1550	1550	1550	1550	1550
5°	1547	1542	1542	1542	1541
15°	1483	1481	1488	1496	1495
25°	1364	1367	1383	1403	1416
35°	1178	1203	1241	1292	1322
45°	967	995	1074	1159	1192
55°	729	758	871	981	1006
65°	490	516	642	751	817
75°	231	274	351	399	420
85°	34	50	56	64	59
90°	0	0	0	0	0
95°	0	0	0	0	0
105°	0	0	0	0	0
115°	0	0	0	0	0
125°	0	0	0	0	0
135°	0	0	0	0	0
145°	0	0	0	0	0
155°	0	0	0	0	0
165°	0	0	0	0	0
175°	0	0	0	0	0
180°	0	0	0	0	0

LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixt
0°-30°	1211	19.2	26.0
0°-40°	1994	31.6	42.8
0°-60°	3608	57.3	77.4
0°-90°	4659	74.0	100.0
Total Luminaire	4659	74.0	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	3976	4416	4901
55°	3695	4415	5100
65°	3371	4417	5621
75°	2595	3943	4718
85°	1134	1868	1968

CO-EFFICIENTS OF UTILIZATION

Floor	80				70				50				30				10				00			
Ceiling	70	50	30	10	70	50	30	10	50	10	50	10	50	10	50	10	50	10	50	10	50	10	50	10
Wall	88	88	88	88	86	86	86	86	82	82	79	79	75	75	75	75	74	74	74	74	74	74	74	74
RCR	0	8	16	24	0	8	16	24	0	8	16	24	0	8	16	24	0	8	16	24	0	8	16	24
1	81	78	75	72	79	76	71	73	69	70	66	67	65	63										
2	74	68	63	59	72	67	58	64	57	62	56	59	55	53										
3	68	60	54	50	66	59	49	57	48	55	47	53	47	45										
4	62	53	47	42	60	52	42	50	41	49	41	47	40	38										
5	56	47	40	35	55	46	35	44	35	43	34	41	34	32										
6	52	42	35	30	50	41	30	40	30	38	30	37	29	28										
7	48	37	31	26	46	37	26	36	26	35	26	34	26	24										
8	44	33	27	23	43	33	23	32	22	31	22	30	22	21										
9	40	30	24	20	39	30	19	29	19	28	19	27	19	18										
10	37	27	21	17	36	27	17	26	17	25	17	25	17	16										

Numbers indicate percentage values of

Go to www.focalpointlights.com for additional photometric data.