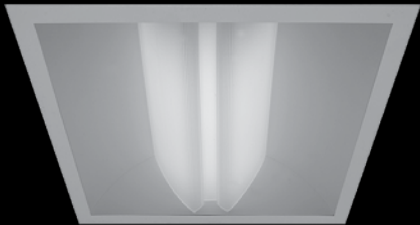


Aerion[®] 1x1

FLUORESCENT



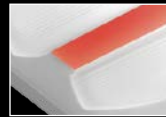
Standard Diffuser



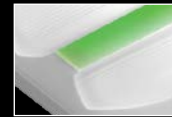
Round Accent Strip



Square Accent Strip



Red Insert

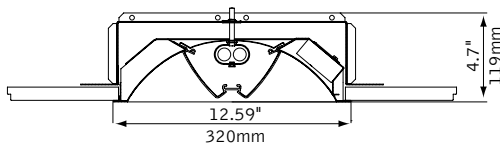


Green Insert



Blue Insert

DIMENSIONAL DATA



lamping options



BIAX LAMPS

endcap detail



FEATURES

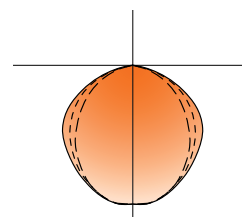
High efficiency architectural recessed fluorescent luminaire.

Aerion's sweeping curves and contemporary lines compliment architecture.

Aerion's center lamp chamber provides minimal contrast between the diffuser and side reflectors creating even illumination and comfort.

The lamp diffuser has been designed with an upper and lower track that accepts individual or combinations of accent strips.

PERFORMANCE



1-Lamp 18W Biax
65% Efficient
319 cd @ 5°

PRODUCT OVERVIEW

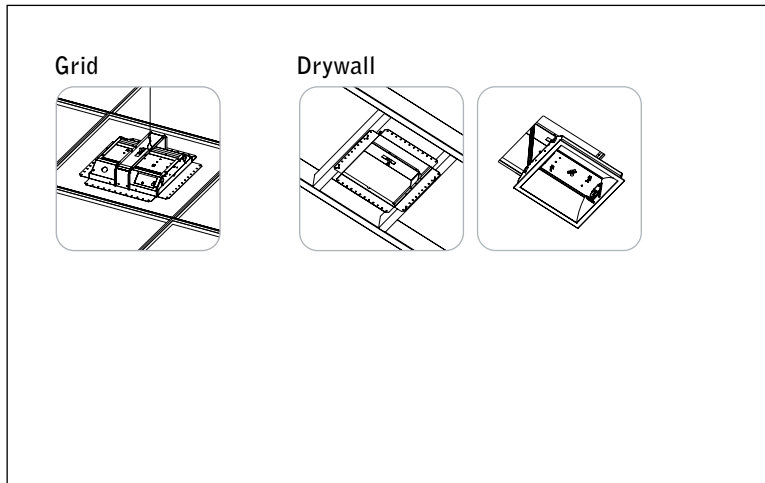
Lumen Output: 780-1370lm
 Wattage: 18-31W
 Lamping: Biax

Visit focalpointlights.com for complete photometric data.

fixture:

project:

MOUNTING INFORMATION



SPECIFICATIONS

Construction

One piece 20 Ga. steel reflector and housing. 20 Ga. steel ends form finishing housing. Top access 20 Ga. steel ballast compartment. Housing ships with 20 Ga. galvanized steel mounting yoke. Unit weight: 10 lbs.

Optic

20 Ga. steel reflectors finished in matte satin white powder coat. .095" thick frosted white acrylic lamp diffusers with linear micro-prism pattern. Optional .020" thick acrylic accent strip available in round or square pattern.

Electrical

Electronic ballasts are thermally protected and have a Class "P" rating.

Labels

UL and cUL listed.

Finish

Polyester powder coat applied over a 5-stage pre-treatment. Optional Matte Satin White with anti-microbial coating provides 99.99% protection against a broad spectrum of micro-organisms.

ORDERING

Luminaire Series	Aerion	FAR	FAR
Nominal Size	1' x 1'	11	11
Shielding	Acrylic Diffuser	AC	
	Acrylic Diffuser with Round Accent Strip	RA	
	Acrylic Diffuser with Square Accent Strip	SA	
Optional Color Inserts	<small>(Leave blank for no color)</small>		
	Red	R	
	Green	G	
	Blue	B	
Lamp Quantity	One Lamp	1	
	Two Lamps	2	
Lamp Type	18W Biax	BX18	BX18
Circuit	Single Circuit	1C	1C
Voltage	120 Volt	120	
	277 Volt	277	
Ballast	Electronic Program Start <10% THD	S	S
Mounting	Universal	U	U
Factory Options	Chicago Plenum	CP	
	HLR/GLR Fuse	FU	
	6' New York City Flex Whip	FNY	
	6' Flex Whip	FW	
	Include 3000K Lamp	L830	
	Include 3500K Lamp	L835	
	Include 4100K Lamp	L841	
Finish	Matte Satin White	WH	
	Matte Satin White with Anti-Microbial Coating	WHA	

Aerion™ 1x1

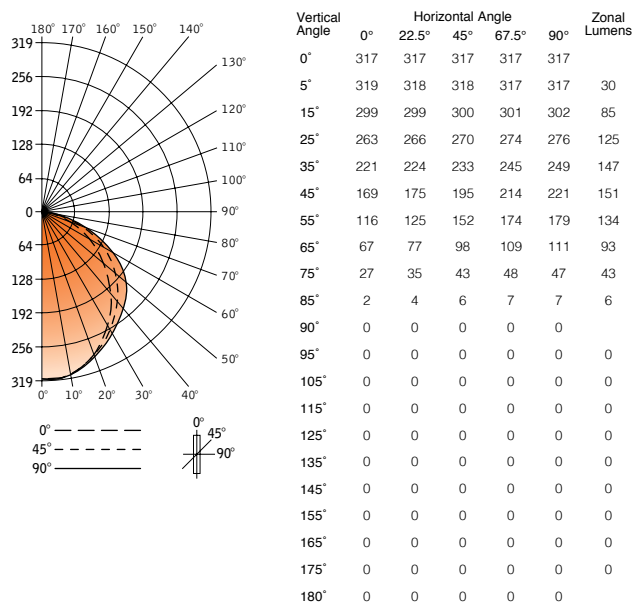
FLUORESCENT

FAR-11-AC-1-BX18-S-120-U-WH

Filename: FAR11AC1BX18.IES
Test #: 14323.0

Lumens: 814lm
Efficiency: 65%

CANDLEPOWER DISTRIBUTION



LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0-30°	240	19.2	29.5
0-40°	387	31.0	47.6
0-60°	673	53.8	82.6
0-90°	814	65.1	100
Total Luminaire 0-180°	814	65.1	100

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	3004	3466	3928
55°	2542	3331	3922
65°	1993	2914	3301
75°	1311	2088	2282
85°	288	865	1009

CO-EFFICIENTS OF UTILIZATION

Floor Ceiling Wall	80				70			20		50		30		10		00
	70	50	30	10	70	50	10	50	10	50	10	50	10	50	10	00
RCR 0	78	78	78	78	76	76	76	72	72	69	69	66	66	66	66	65
1	72	69	67	64	70	68	63	65	61	62	60	60	58	57	57	59
2	66	61	57	54	64	60	53	58	52	56	51	54	50	49	49	49
3	61	55	50	46	59	54	45	52	45	50	44	48	43	42	42	42
4	56	49	43	39	54	48	39	46	38	45	38	43	37	36	36	36
5	51	43	38	33	50	42	33	41	33	40	33	39	32	31	31	31
6	47	39	33	29	46	38	29	37	29	36	28	35	28	27	27	27
7	43	35	29	25	42	34	25	33	25	32	25	31	25	23	23	23
8	40	31	26	22	39	31	22	30	22	29	22	28	21	20	20	20
9	37	28	23	19	36	28	19	27	19	26	19	25	19	17	17	17
10	34	28	20	17	33	25	17	24	17	24	17	23	17	15	15	15

Numbers indicate percentage values of reflectivity.

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

Aerion™ 1x1

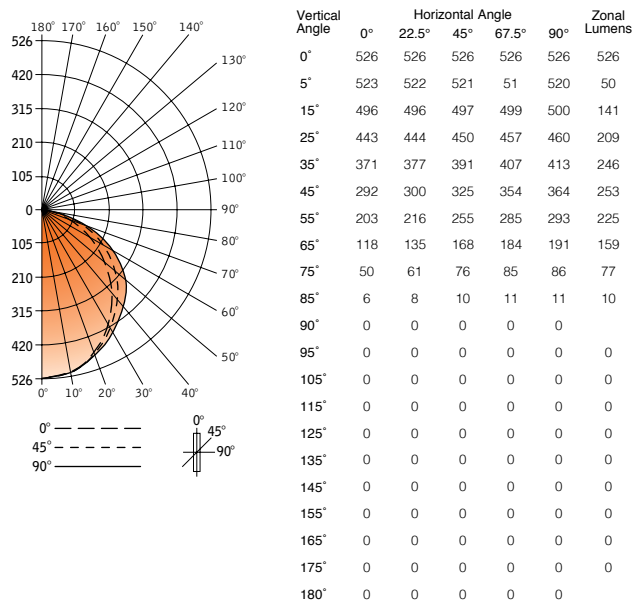
FLUORESCENT

FAR-11-AC-2-BX18-S-120-U-WH

Filename: FAR11AC2BX18.IES
Test #: 14321.0

Lumens: 1370lm
Efficiency: 55%

CANDLEPOWER DISTRIBUTION



LUMEN SUMMARY

Zone	Lumens	% Lamp	% Fixture
0-30°	399	16.0	29.2
0-40°	645	25.8	47.1
0-60°	1124	44.9	82.0
0-90°	1370	54.8	100
Total Luminaire 0-180°	1370	54.8	100

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	5190	5777	6470
55°	4448	5588	6420
65°	3509	4996	5680
75°	2428	3691	4176
85°	865	144	1586

CO-EFFICIENTS OF UTILIZATION

Floor Ceiling Wall	80				70			20		50		30		10		00
	70	50	30	10	70	50	10	50	10	50	10	50	10	50	10	00
RCR 0	65	65	65	65	64	64	64	61	61	58	58	56	56	55	55	55
1	60	58	56	54	59	57	53	55	52	52	50	51	49	48	48	48
2	55	51	48	45	54	50	45	49	44	47	43	45	42	41	41	41
3	51	46	42	38	50	45	38	43	37	42	37	40	36	35	35	35
4	47	41	36	33	46	40	33	39	32	37	3	36	31	30	30	30
5	43	36	31	28	42	35	28	34	27	33	27	32	27	26	26	26
6	39	32	28	24	38	32	24	31	24	30	24	29	23	22	22	22
7	36	29	24	1	35	29	21	28	21	27	21	26	21	19	19	19
8	33	26	21	18	33	26	18	25	18	24	18	24	18	17	17	17
9	31	23	19	16	30	23	16	22	16	22	16	21	16	15	15	15
10	29	21	17	14	28	21	14	20	14	20	14	19	14	13	13	13

Numbers indicate percentage values of reflectivity.

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