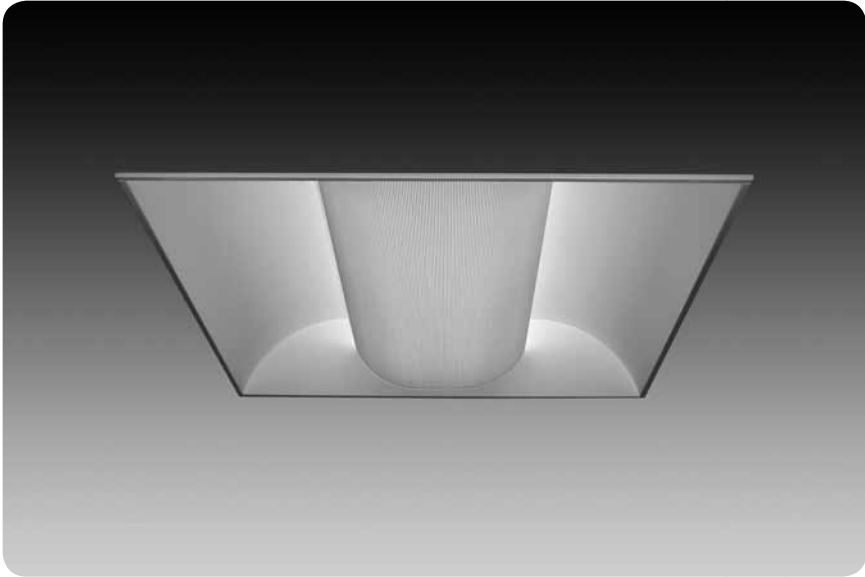


luna[®] 2x2



Covered by the following U.S. Patents: D395,727; D397,819.

features

2'x2' recessed indirect with perforated center basket.

Reflector and end caps form seamless one-piece housing.

High reflectance, low gloss Matte White finish controls glare and provides high efficiency.

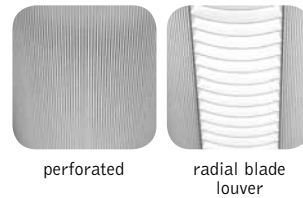
Perforated shield hinges open for quick and easy relamping.

Optional radial blade louver offers a distinct look that highlights interior architecture.

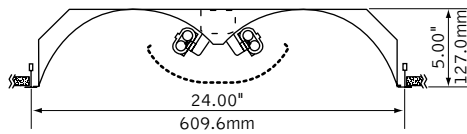
All luminaire combinations may be continuously row mounted.

Luna[®] provides high angle uniform distribution ideal for general illumination.

shielding options & details

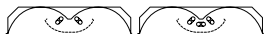


dimensional data



Overall height for ST luminaire is 5.50"

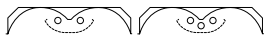
lamping options



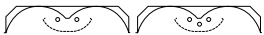
BIAX LAMPS



T8 U-BEND LAMPS



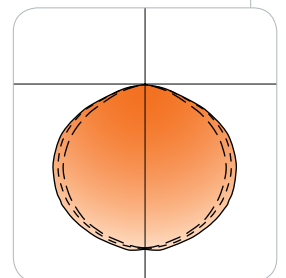
T8 LAMPS



T5/T5HO LAMPS

performance

2-Lamp 40W BiAx
70% Efficiency
1598 cd @ 5°



Visit focalpointlights.com for complete photometric data.

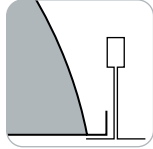
fixture:

project:

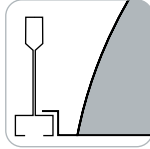
mounting information

grid

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



"G" flat tee
Luminaires may be installed in T-bar ceiling systems up to 1 11/16" high*.

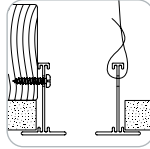


"ST" slot tee

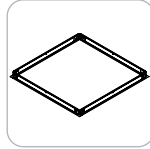
Overall height for ST luminaire is 5.50".

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

One-piece 20 Ga. steel reflector and housing.

20 Ga. steel ends form finished housing.

Lamps are shielded by detachable 22 Ga. steel perforated lamp shield with acrylic lens insert.

Lamp shield is secured by four spring-pins allowing shield to hinge down for relamping.

Optional radial blade louver: .75"H x 1" frequency fabricated of 20 Ga. steel with acrylic lens insert.

Top access 20 Ga. steel ballast compartment.

Weight: 20 lbs

optic

One-piece 20 Ga. steel reflectors finished in Matte Satin White powder coat.

electrical

Electronic 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	Luna	FLU	FLU
nominal size	2' x 2'	22	22
distribution	Bi-Directional	B	B
lamp quantity	Two Lamp	2	
	Three Lamp	3	
lamp type	40 Watt Biax	BX40	
	50 Watt Biax	BX50	
	55 Watt Biax	BX55	
	F31/T8U	T831	
	(two lamp only)		
	T8	T8	
	(1 11/16" maximum grid height)		
	T5	T5	
	T5H0	T5H0	
ballast	Electronic Instant Start <20% THD (BX40 & T8 only)	E	
	Electronic Program Start <10% THD	S	
	Electronic Dimming Ballast*	D	
voltage	120 Volt	120	
	277 Volt	277	
	347 Volt	347	
mounting	Grid	G	
	Slot Tee	ST	
	Surface Mount	SM	
shielding	Perforated Shield	PS	
	Radial Blade Louver	RLP	
factory options	Air Return	AR	
	Chicago Plenum	CP	
	Dust Cover	DC	
	Drywall Frame Kit (Cut out dimensions: Min:24.25"/Max: 24.563")	DF	
	Emergency Battery Pack*	EM	
	Earthquake Clip	EQ	
	HLR/GLR Fuse	FU	
	Flex Whip*	FW	
	Include 3000K Lamp*	L830	
	Include 3500K Lamp*	L835	
	Include 4100K Lamp*	L841	
	Separate Circuit*	SC	
	Separate Circuit Tandem*	SCT	
	Labor Saving Master Satellite*	LS	
	Ballast Saving Tandem*	BST	
	Lutron™ Sensor Feed* (EcoSystem ballast required)	SF	
finish			WH

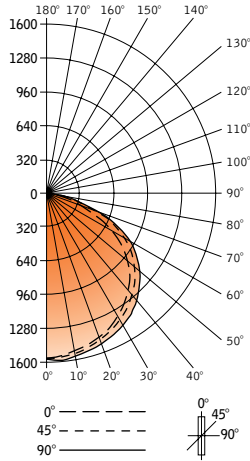
* for more information see Reference section.

luna[®] 2x2



Filename: FLU222BX40PS.IES
 Catalog #: FLU-22-B-2-BX40-E-120-G-PS-WH
 Efficiency: 70%
 Test #: 11020.0

CANDLEPOWER DISTRIBUTION



Spacing 1.2
 Criterion: 1.3

Vertical Angle	Horizontal Angle				Zonal Lumens
	0°	22.5°	45°	67.5°	
0°	1595	1595	1595	1595	1595
5°	1581	1583	1583	1596	1598
15°	1505	1515	1521	1543	1550
25°	1370	1386	1416	1451	1467
35°	1184	1209	1262	1320	1341
45°	944	981	1065	1140	1172
55°	676	731	837	913	940
65°	408	477	570	587	592
75°	183	224	230	259	271
85°	29	34	44	43	48
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°	1241	19.7	28.1
0°-40°	2034	32.3	46.1
0°-60°	3594	57.0	81.4
0°-90°	4415	70.1	100.0
Total Luminaire	4415	70	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	3924	4427	4872
55°	3464	4289	4817
65°	2838	3965	4118
75°	2078	2612	3078
85°	978	1484	1619

CO-EFFICIENTS OF UTILIZATION

Floor	80				70				20							
Ceiling	70	50	30	10	70	50	30	10	50	10	30	10	50	10	30	10
Wall	83	83	83	83	81	81	81	81	78	78	75	75	72	72	72	72
RCR 0	83	83	83	83	81	81	81	81	78	78	75	75	72	72	72	70
1	77	74	71	69	75	73	68	68	70	66	67	64	64	62	61	61
2	71	66	61	57	69	64	57	57	62	56	60	54	58	53	52	52
3	65	58	53	49	63	57	48	48	55	47	53	47	51	46	44	44
4																
5	60	52	46	42	58	51	41	41	49	41	48	40	46	40	38	38
6	54	46	40	35	53	45	35	35	44	35	42	34	41	34	32	32
7	50	41	35	30	49	40	30	30	39	30	38	30	37	30	28	28
8	46	37	31	26	45	36	26	26	35	26	34	26	33	26	24	24
9	42	33	27	23	41	32	23	23	31	23	31	23	30	22	21	21
10	39	29	24	20	38	29	20	20	28	20	27	19	27	19	18	18

Numbers indicate percentage values of

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