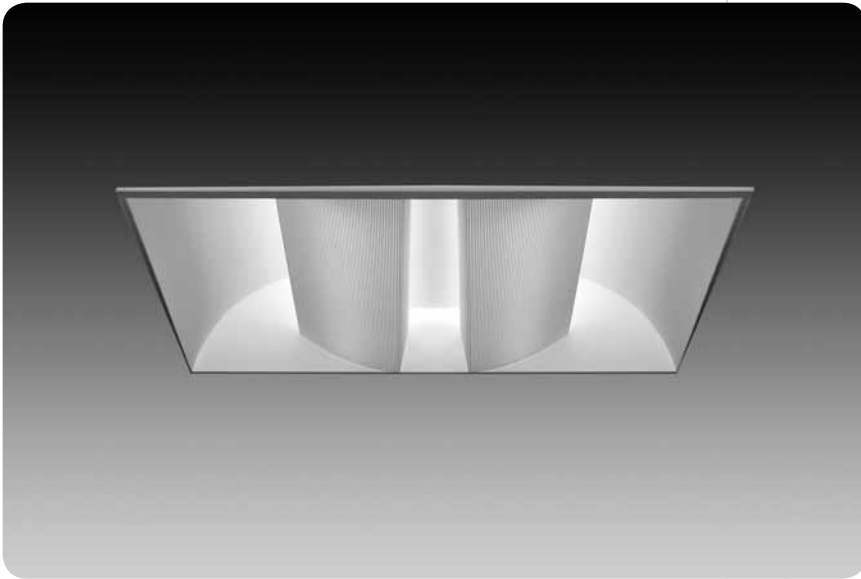


split basket
luna[®] 2x2



Covered by U.S. Patent No. D395,727.

features

2'x2' recessed indirect with center perforated split basket.

Reflector and end caps form seamless one-piece housing.

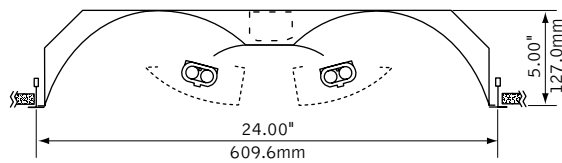
High reflectance, low gloss Matte White finish controls glare and provides high efficiency.

Perforated shields hinge for easy relamping.

All luminaire combinations may be continuously row mounted.

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

dimensional data



Overall height for ST luminaire is 5.50"

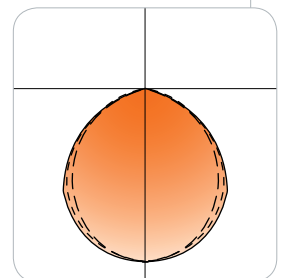
lamping options



BIAX LAMPS

performance

2-Lamp 40W Biax
63% Efficiency
1495 cd @ 0°



Visit focalpointlights.com for complete photometric data.

January 2012 D

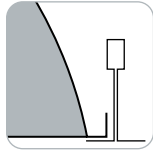
fixture:

project:

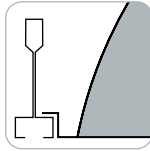
mounting information

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*.

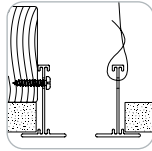


"ST" slot tee

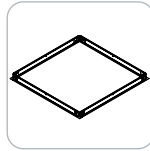
Overall height for ST luminaire is 5.50".

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 two-piece hinged, 22 Ga. steel perforated lamp shields 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

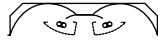
Polyester powder coat applied over a 5-stage pre-treatment.

ordering

luminaire series	Luna	FLU	<u>FLU</u>
nominal size	2' x 2'	22	<u>22</u>
distribution	Bi-Directional	B	<u>B</u>
lamp quantity	Two Lamp	2	<u> </u>
lamp type	40 Watt Biax	BX40	<u> </u>
	50 Watt Biax	BX50	<u> </u>
	55 Watt Biax	BX55	<u> </u>
ballast	Electronic Instant Start <20% THD (BX40 only)	E	<u> </u>
	Electronic Program Start <10% THD	S	<u> </u>
	Electronic Dimming Ballast*	D	<u> </u>
voltage	120 Volt	120	<u> </u>
	277 Volt	277	<u> </u>
	347 Volt	347	<u> </u>
mounting	Grid	G	<u> </u>
	Slot Tee	ST	<u> </u>
	Surface Mount	SM	<u> </u>
shielding	Split Basket	SB	<u>SB</u>
factory options	Air Return	AR	<u> </u>
	Chicago Plenum	CP	<u> </u>
	Drywall Frame Kit (Cut out dimensions: Min:24.25"/Max: 24.563")	DF	<u> </u>
	Emergency Battery Pack*	EM	<u> </u>
	Earthquake Clip	EQ	<u> </u>
	HLR/GLR Fuse	FU	<u> </u>
	Flex Whip*	FW	<u> </u>
	Include 3000K Lamp*	L830	<u> </u>
	Include 3500K Lamp*	L835	<u> </u>
	Include 4100K Lamp*	L841	<u> </u>
	Separate Circuit Tandem*	SCT	<u> </u>
	Labor Saving Master Satellite*	LS	<u> </u>
	Ballast Saving Tandem*	BST	<u> </u>
	Lutron™ Sensor Feed* (EcoSystem ballast required)	SF	<u> </u>
finish	Matte Satin White	WH	<u>WH</u>

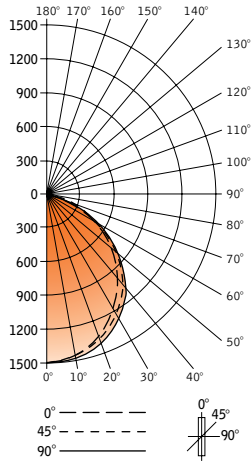
* for more information see Reference section.

split basket luna® 2x2



Filename: FLU222BX40SB.IES
 Catalog #: FLU-22-B-2-BX40-E-120-G-SB-WH
 Efficiency: 63%
 Test #: 11931.0

CANDLEPOWER DISTRIBUTION



Spacing 1.2
 Criterion: 1.3

Vertical Angle	Horizontal Angle				Zonal Lumens
	0°	22.5°	45°	67.5°	
0°	1495	1495	1495	1495	1495
5°	1487	1484	1488	1490	1492
15°	1426	1428	1439	1446	1453
25°	1297	1307	1329	1356	1365
35°	1124	1146	1180	1218	1231
45°	911	937	988	1009	998
55°	662	701	718	688	673
65°	406	453	411	434	428
75°	178	174	177	196	205
85°	30	31	38	39	41
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°	1166	18.5	29.6
0°-40°	1907	30.3	48.4
0°-60°	3282	52.1	83.3
0°-90°	3942	62.6	100.0
Total Luminaire	3942	63	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	3829	4152	4194
55°	3430	3720	3487
65°	2855	2890	3010
75°	2044	2032	2354
85°	1023	1296	1398

CO-EFFICIENTS OF UTILIZATION

Floor	80				70				20					
Ceiling	70	50	30	10	70	50	10	50	10	50	10	10	00	
Wall	74	74	74	74	73	73	73	70	70	67	67	64	64	
RCR 0	74	74	74	74	73	73	73	70	70	67	67	64	64	
1	69	66	64	62	67	65	61	62	59	60	57	58	56	54
2	64	59	55	52	62	58	51	56	50	54	49	52	48	47
3	59	53	48	44	57	52	44	50	43	48	42	47	42	40
4	54	47	42	38	52	46	38	45	37	43	37	42	36	35
5	49	42	36	32	48	41	32	40	32	38	32	37	31	30
6	45	37	32	28	44	37	28	36	28	35	28	34	27	26
7	42	34	28	25	41	33	24	32	24	31	24	30	24	23
8	38	30	25	21	37	30	21	29	21	28	21	27	21	20
9	35	27	22	18	34	27	18	26	18	25	18	25	18	17
10	33	25	20	16	32	24	16	24	16	23	16	22	16	15

Numbers indicate percentage values of

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