

split basket
luna[®] 2x4



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

features

2'x4' recessed indirect with center perforated split basket.

Reflector and end caps form seamless one-piece housing.

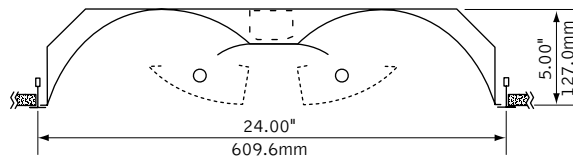
High reflectance, low gloss Matte White finish controls glare and provides high efficiency.

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



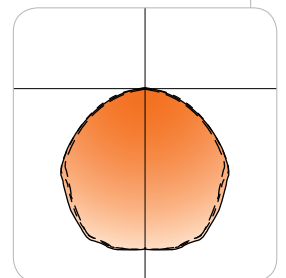
Overall height for ST luminaire is 5.50"

lampping options



performance

2-Lamp T5
74% Efficiency
1544 cd @ 5°



Visit focalpointlights.com for complete photometric data.

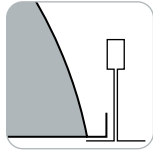
fixture:

project:

mounting information

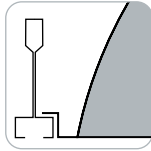
grid

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 in T8 lamp configurations.

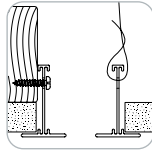
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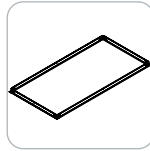
"ST" slot tee

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"
4': Min: 48.25"
Max: 48.563"

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: 29 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
nominal size	2' x 4'	24
distribution	Bi-Directional	B
lamp quantity	Two Lamp	2
lamp type	T5 T5H0	
ballast	Electronic Program Start <10% THD Electronic Dimming Ballast*	S D
voltage	120 Volt 277 Volt 347 Volt	120 277 347
mounting	Grid Slot Tee Surface Mount	G ST SM
shielding	Split Basket	SB
factory options	Air Return Chicago Plenum Drywall Frame Kit (Cut out dimensions: Min:24.25"/Max: 24.563" Min: 48.25"/Max 48.563") Emergency Battery Pack* Earthquake Clip HLR/GLR Fuse Flex Whip* Include 3000K Lamp* Include 3500K Lamp* Include 4100K Lamp* Separate Circuit Tandem* Labor Saving Master Satellite* Ballast Saving Tandem* Lutron™ Sensor Feed* (EcoSystem ballast required)	AR CP DF EM EQ FU FW L830 L835 L841 SCT LS BST SF
finish	Matte Satin White	WH

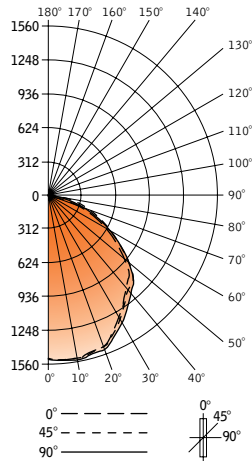
* for more information see Reference section.

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Filename: FLU242T5SB.IES
 Catalog #: FLU-24-B-2-T5-E-120-G-SB-WH
 Efficiency: 74%
 Test #: 12180.0

CANDLEPOWER DISTRIBUTION



Spacing 1.2
 Criterion: 1.3

Vertical Angle	Horizontal Angle				Zonal Lumens
	0°	22.5°	45°	67.5°	
0°	1539	1539	1539	1539	1539
5°	1543	1543	1543	1544	1544
15°	1518	1518	1526	1529	1532
25°	1390	1397	1405	1422	1430
35°	1192	1199	1222	1245	1256
45°	1097	1049	1087	1103	1103
55°	743	768	791	769	753
65°	474	509	473	443	432
75°	232	213	183	198	206
85°	44	40	48	53	53
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°	1231	21.2	28.9
0°-40°	1999	34.5	46.9
0°-60°	3524	60.8	82.7
0°-90°	4261	73.5	100.0
Total Luminaire	4261	73.5	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	2090	2190	2223
55°	1846	1965	1871
65°	1598	1595	1456
75°	1277	1007	1134
85°	719	785	866

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	87	87	87	87	85	85	85	85	82	82	78	78	75	75	75	75	73	73	73	73	73	73	73	73
RCR	0	1	2	3	4	5	6	7	8	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1	81	78	75	72	79	76	71	73	69	70	67	68	65	64										
2	74	69	64	61	73	68	60	65	59	63	57	61	56	55										
3	68	61	56	52	67	60	51	58	50	56	49	54	49	47										
4	36	55	49	44	61	54	44	52	43	50	43	49	42	41										
5	57	48	42	38	56	48	37	46	37	45	37	43	36	35										
6	53	43	37	33	52	43	32	41	32	40	32	39	32	30										
7	49	39	33	28	47	38	28	37	28	36	28	35	28	26										
8	45	35	29	25	44	34	24	33	24	33	24	32	24	23										
9	41	31	25	21	40	31	21	30	21	29	21	28	21	19										
10	38	28	23	19	37	28	19	27	19	27	18	26	18	17										

Numbers indicate percentage values of

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