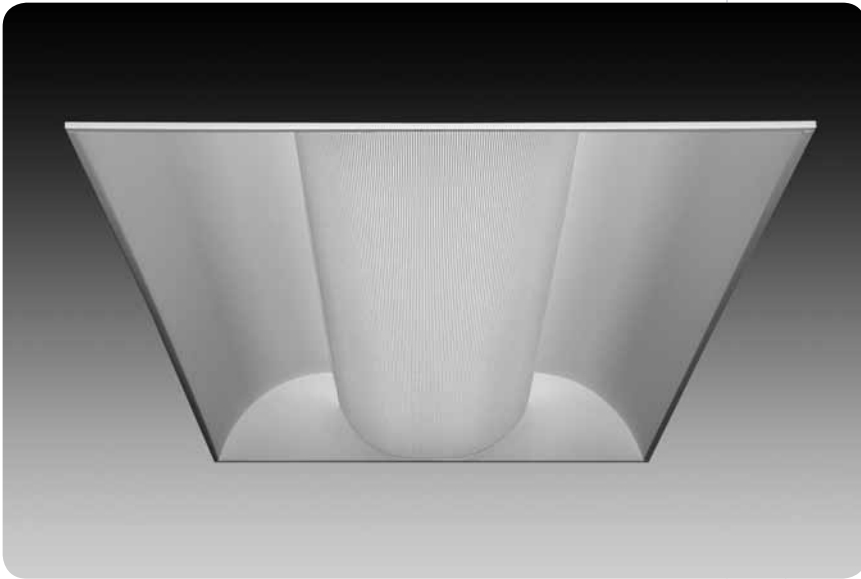


luna[®] 2x4



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

features

2'x4' 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.

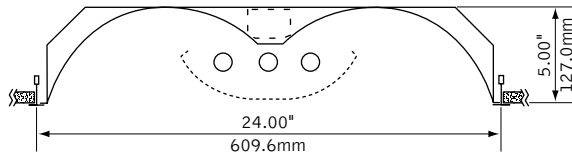
Perforated shield hinges open for quick and easy relamping.

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.

dimensional data



Overall height for ST luminaire is 5.50"

lamping options

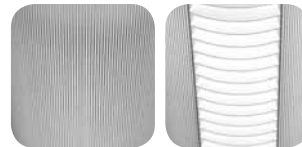


T8 LAMPS



T5/T5H0 LAMPS

shielding options & details

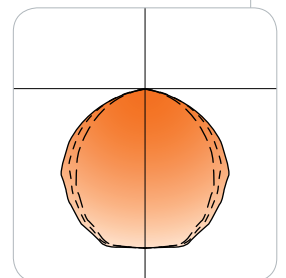


perforated

radial blade louver

performance

2-Lamp T8
72% Efficiency
1528 cd @ 10°



Visit focalpointlights.com for complete photometric data.

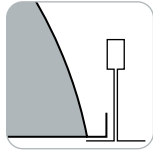
fixture:

project:

mounting information

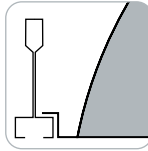
grid

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.

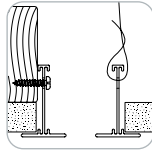
Overall height for ST luminaire is 5.50".



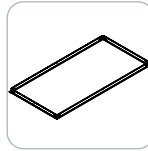
"ST" slot tee

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 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: 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	FLU
nominal size	2' x 4'	24	24
distribution	Bi-Directional	B	B
lamp quantity	Two Lamp	2	
	Three Lamp	3	
lamp type	T8	T8	
	(1 11/16" maximum grid height)		
	T5	T5	
	T5H0	T5H0	
ballast			
Electronic Instant Start <20% THD (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" Min: 48.25"/Max 48.563")	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
	Matte Satin White	WH	

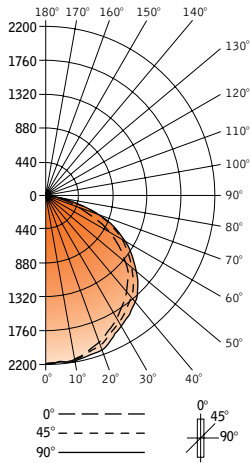
* for more information see Reference section.

luna[®] 2x4



Filename: FLU242T8PS.IES
 Catalog #: FLU-24-B-2-T8-E-120-G-PS-WH
 Efficiency: 72%
 Test #: 11161.0

CANDLEPOWER DISTRIBUTION



Spacing 1.2
 Criterion: 1.3

Vertical Angle	Horizontal Angle				Zonal Lumens
	0°	22.5°	45°	67.5°	
0°	1510	1510	1510	1510	1510
5°	1503	1503	1505	1511	1510
15°	1493	1497	1506	1524	1524
25°	1332	1340	1369	1402	1412
35°	1132	1150	1198	1257	1273
45°	907	941	1023	1094	1122
55°	6635	687	781	856	874
65°	386	449	531	555	560
75°	187	228	221	254	260
85°	35	39	45	48	48
90°	3	4	4	4	4
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°	1206	20.4	28.5
0°-40°	1934	33.2	46.4
0°-60°	3440	58.3	81.3
0°-90°	4231	71.7	100.0
Total Luminaire	4231	71.7	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	1825	2059	2258
55°	1575	1937	2168
65°	1300	1788	1885
75°	1028	1215	1429
85°	571	735	784

CO-EFFICIENTS OF UTILIZATION

Floor	80				70				20							
Ceiling	70	50	30	10	70	50	30	10	50	10	50	10	50	10	50	10
Wall	85	85	85	85	83	83	83	80	80	76	76	73	73	72	72	
RCR 0	85	85	85	85	83	83	83	80	80	76	76	73	73	72	72	
1	79	76	73	71	77	74	69	71	67	68	65	66	63	62	62	
2	72	67	63	59	71	66	58	63	57	61	56	59	54	53	53	
3	67	60	54	50	65	58	49	56	49	54	48	53	47	45	45	
4	61	53	47	43	59	52	42	50	42	49	41	47	41	39	39	
5	56	47	41	36	54	46	36	45	36	43	35	42	35	33	33	
6	51	42	36	31	50	41	31	40	31	39	31	38	30	29	29	
7	47	38	32	27	46	37	27	36	27	35	27	34	27	25	25	
8	43	34	28	24	42	33	24	32	23	31	23	31	23	22	22	
9	40	30	24	20	39	30	20	29	20	28	20	27	20	19	19	
10	37	28	22	18	36	27	18	26	18	26	18	25	18	16	16	

Numbers indicate percentage values of

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