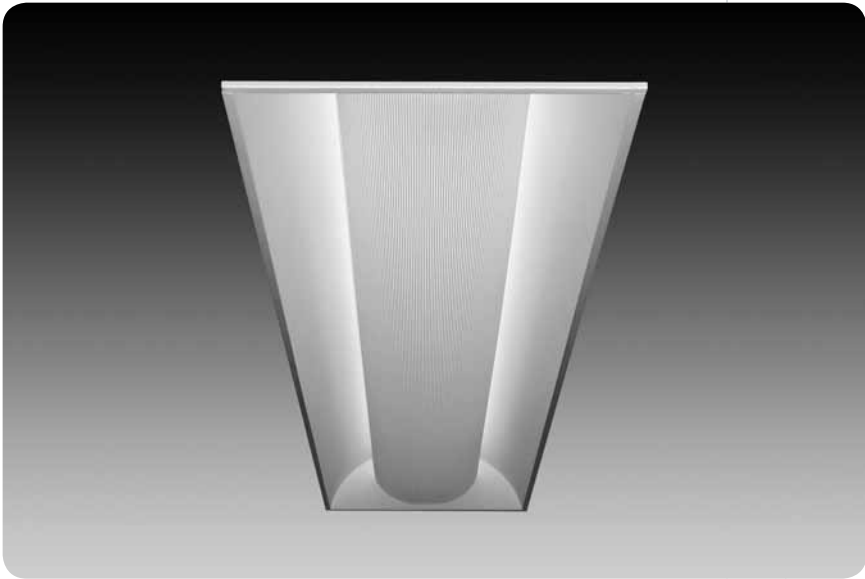


luna[®] 1x4



Covered by U.S. Patent No. D397,819.

features

1'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.

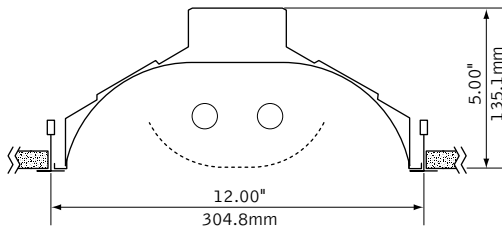
Perforated shield hinges open for quick and easy relamping.

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

All luminaire combinations may be continuously row mounted.

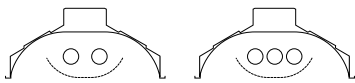
Luna[®] provides high angle uniform distribution ideal for general illumination.

dimensional data

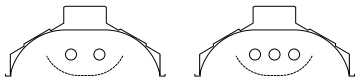


Overall height for ST luminaire is 5.50"

lamping options

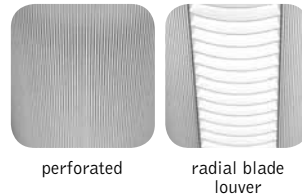


T8 LAMPS



T5/T5HO LAMPS

shielding options & details

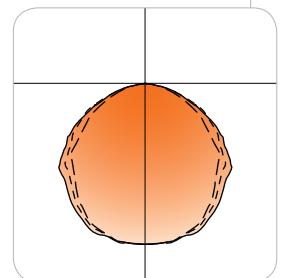


perforated

radial blade louver

performance

2-Lamp T8
59% Efficiency
1305 cd @ 0°



Visit focalpointlights.com for complete photometric data.

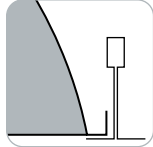
fixture:

project:

mounting information

grid

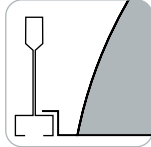
specify "G" for flat 9/16" and 15/16" tee or "ST" for 9/16" slot tee grid types.



"G" flat tee

Luminaires may be installed in T-bar ceiling systems up to 1 11/16" high in T8 lamp configurations.

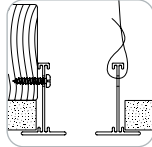
Overall height for ST luminaire is 5.50".



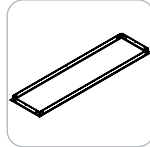
"ST" slot tee

drywall frame kit

specify "DF" Drywall Frame Kit for drywall ceiling conditions.



Use tie-wire or screws to secure frame kit.



cut out dimensions:
1': Min: 12.25"
 Max: 12.563"
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: 16 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	1' x 4'	14	<u>14</u>
distribution	Bi-Directional	B	<u>B</u>
lamp quantity	Two Lamp	2	<u> </u>
	Three Lamp	3	<u> </u>
lamp type	T8	T8	<u> </u>
	(1 11/16" maximum grid height)		
	T5	T5	<u> </u>
	T5H0	T5H0	<u> </u>
ballast			<u> </u>
	Electronic Instant Start <20% THD (T8 only)	E	<u> </u>
	Electronic Program Start <10% THD	S	<u> </u>
	Electronic Dimming Ballast*	D	<u> </u>
voltage			<u> </u>
	120 Volt	120	<u> </u>
	277 Volt	277	<u> </u>
	347 Volt	347	<u> </u>
mounting			<u> </u>
	Grid	G	<u> </u>
	Slot Tee	ST	<u> </u>
	Surface Mount	SM	<u> </u>
shielding			<u> </u>
	Perforated Shield	PS	<u> </u>
	Radial Blade Louver	RLP	<u> </u>
factory options			<u> </u>
	Air Return	AR	<u> </u>
	Chicago Plenum	CP	<u> </u>
	Dust Cover	DC	<u> </u>
	Drywall Frame Kit (Cut out dimensions: Min: 12.25"/Max: 12.563" Min: 48.25"/Max 48.563")	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*	SC	<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			<u>WH</u>
	Matte Satin White	WH	<u> </u>

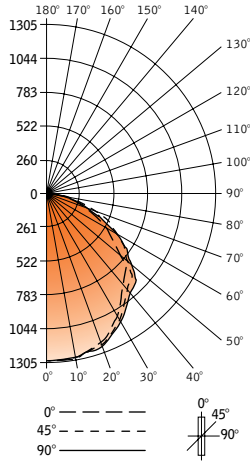
* for more information see Reference section.

luna[®] 1x4



Filename: FLU142T8PS.IES
 Catalog #: FLU-14-B-2-T8-E-120-G-PS-WH
 Efficiency: 59%
 Test #: 9880.0

CANDLEPOWER DISTRIBUTION



Spacing 1.2
 Criterion: 1.3

Vertical Angle	Horizontal Angle				Zonal Lumens
	0°	22.5°	45°	67.5°	
0°	1305	1305	1305	1305	1305
5°	1288	1286	1286	1286	123
15°	1272	1272	1277	1282	362
25°	1133	1134	1147	1159	531
35°	982	989	1009	1031	634
45°	835	849	877	893	674
55°	620	636	652	633	568
65°	402	412	360	374	381
75°	200	158	173	180	185
85°	34	34	37	36	39
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°	1016	17.2	29.0
0°-40°	1650	28.0	47.2
0°-60°	2892	49.0	82.7
0°-90°	3498	59.3	100.0
Total Luminaire	3498	59.3	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	3513	3690	3766
55°	3216	3382	3112
65°	2830	2534	2668
75°	2299	1989	2046
85°	1161	1263	1331

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	71	71	71	71	69	69	69	66	66	66	63	63	60	60	60	60	59	59	57	54	55	53	51	44
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	65	63	61	59	64	62	58	59	56	57	54	55	53	51	44	44	44	44	44	44	44	44	44	
2	60	56	52	49	59	55	48	53	47	51	46	49	45	44	44	44	44	44	44	44	44	44	44	
3	55	50	45	42	54	49	41	47	41	45	40	44	39	38	38	38	38	38	38	38	38	38	38	
4	51	44	39	36	49	43	35	42	35	41	34	39	34	33	33	33	33	33	33	33	33	33	33	
5	46	39	34	30	45	39	30	37	30	36	30	35	29	28	28	28	28	28	28	28	28	28	28	
6	43	35	30	26	42	35	26	33	26	33	26	32	26	24	24	24	24	24	24	24	24	24	24	
7	39	32	26	23	38	31	23	30	23	29	23	28	22	21	21	21	21	21	21	21	21	21	21	
8	36	28	23	20	35	28	20	27	20	26	20	26	19	18	18	18	18	18	18	18	18	18	18	
9	33	25	20	17	32	25	17	24	17	24	17	23	17	16	16	16	16	16	16	16	16	16	16	
10	31	23	18	15	30	23	15	22	15	21	15	21	15	14	14	14	14	14	14	14	14	14	14	

Numbers indicate percentage values of

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