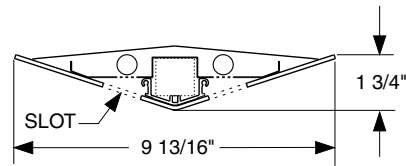


GLAS12U-254T5HO Legato Series

Angularo, Suspended Indirect Illumination



GLAS12U
9.812" wide indirect luminaire with rectangular shaped slots as filtered light component



2 x T5HO



Construction

Housing: Extruded aluminum body 9.812" wide x 1.75" high, 5052 H32, 0.125" minimum thickness. Available in one piece, unbroken lengths up to 13' with just two points of suspension.

Ballast: Osram - Sylvania or equal rapid start electronic ballast with less than 10% THD is standard: **ERS**.

Mounting and Feed: Aircraft cable is 7x7 stranded stainless steel with machined stainless steel stopper fitting at the top end. Lower end strands are welded and ground for easy insertion into continuously adjustable cable gripper. Feed cord is straight, white 3/C SVT or SJT #18 AWG. Coiled cord is available (specify **CC**)

Electrical

UL listed wiring and components throughout. Luminaire is 100% individually tested. No luminaire disassembly and no field wiring is required to install rows.

All fixtures bear UL & CUL Dry Location labels. Damp Location labels are available. Specify **DL** in the Options field.

Optical Performance

Reflectors: Reflectors shall be fabricated hammertone aluminum, 95% reflectance with rectangular apertures.

Filtered Light Component: Components shall be rectangular shaped slots with 0.20" white acrylic diffuser.

Performance: Independent photometric laboratory testing - ITL or equal - is required. Luminaire is 88% efficient.

Finish

Housing assembly is electrostatically sprayed with high solids aliphatic two component polyurethane to an average thickness of 2 mils. over acid etching primer. Specify **H** for high gloss in Paint Finish field. Specify **SG** for semi gloss.

Standard Features

Gammalux		Number of Lamps		Ballast	Suspension Type	Top Shielding	Options
Family Series Legato	Cross Section 9.812" W 1.750" H	2	Lamp Type T5HO T5	ERS Elec. <10% THD DIM Elec. Dimming (Consult factory)	C Cable (Std.)	OP Open (Std.)	GLR Fuse w/ holder BPE Battery Pack Em. kit DL UL Damp Label
GLAS12U - 254T5HO - 120V - ERS - 13' - C24" - OP - WH - XX		Nominal Lamp Wattage 54 (4' T5HO) 28 (4' T5)		Voltage 120 277	Fixture Length 5' to 13' units available. See chart.	Suspension Length 24" (ceiling to top of fixture) or cut to order	Paint Color W White (See color chart for other standard colors) CCM Custom color to match sample
Direction Uplight	Filtered Light Component* S - Slots direct	Cross Section Shape Angularo Vee Shape		Paint Finish H High Gloss SG Semi Gloss			

*Available without slots



GAMMALUX®

248 East Arrow Highway, San Dimas, CA 91773 Tel 909.599.9669 800.356.3275 Fax 909.599.5288
E-mail: info@gammalux.com http://www.gammalux.com

Photometric Report

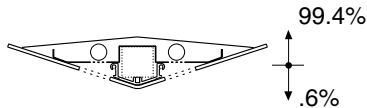
GLAS12U-254T5HO-120VERS-4'-C24"-OP-PT

Test: ITL #52412 03/19/02

IES Datafile: ITL52412.IES

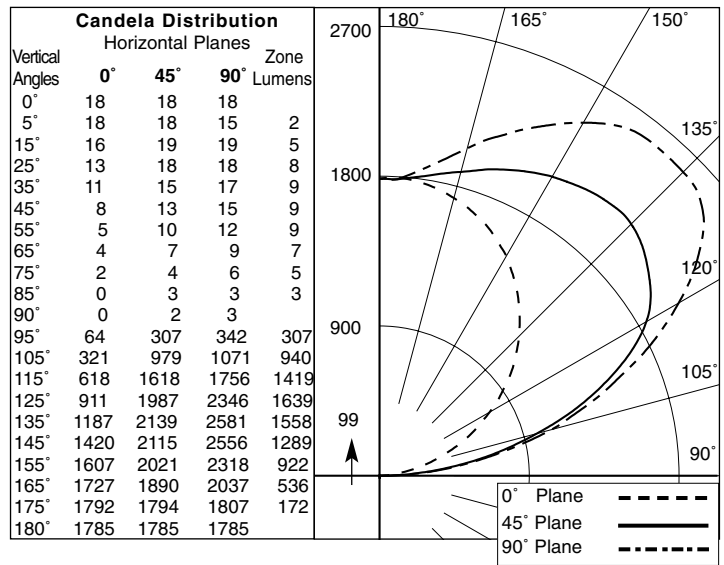
Lamps: 2-F54T5HO (5000 lumens)

88.4% Efficiency



LUMINANCE DATA IN CANDELA/SQ M

ANGLE IN DEG	AVERAGE 0-DEG	AVERAGE 45-DEG	AVERAGE 90-DEG
45	3043.	9114.	10803.
55	131.	1707.	6077.
65	51.	204.	382.
75	0.	208.	333.
85	0.	123.	370.



Coefficients of Utilization – Zonal Cavity Method

Effective Floor Cavity Reflectance (rfc) = 0.20

RCC	80%				70%				50%			30%		
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%
RW														
RCR														
0	.84	.84	.84	.84	.75	.75	.75	.75	.59	.59	.59	.44	.44	.44
1	.77	.74	.72	.69	.69	.67	.64	.62	.53	.51	.50	.40	.39	.38
2	.71	.66	.61	.58	.64	.59	.56	.53	.47	.45	.43	.36	.34	.33
3	.65	.59	.53	.49	.59	.53	.48	.45	.42	.39	.37	.32	.31	.29
4	.60	.52	.46	.42	.54	.47	.42	.39	.38	.35	.32	.29	.27	.25
5	.55	.47	.41	.36	.50	.43	.37	.34	.34	.31	.28	.27	.24	.22
6	.51	.42	.36	.32	.46	.38	.33	.29	.31	.27	.25	.24	.22	.20
7	.47	.38	.32	.28	.43	.35	.30	.26	.28	.25	.22	.22	.20	.18
8	.44	.35	.29	.25	.40	.32	.27	.23	.26	.22	.20	.20	.18	.16
9	.41	.32	.26	.22	.37	.29	.24	.21	.24	.20	.18	.19	.16	.14
10	.38	.29	.24	.20	.35	.27	.22	.19	.22	.18	.16	.17	.15	.13

Mtg. Dimensions

For individual rows of luminaires with cable suspended mtg.

