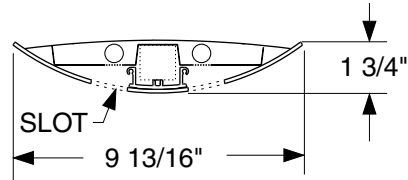


# GLCS12U-254T5HO Legato Series

## Curva, Suspended Indirect Illumination



**GLCS12U**  
9.812" wide indirect luminaire with ovoid 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 9' 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 oval apertures.

**Filtered Light Component:** Components shall be ovoid 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	
<b>Family Series</b> Legato  <b>Cross Section</b> 9.812" W 1.750" H	2  <b>Lamp Type</b> T5HO T5	<b>ERS</b> Elec. <10% THD <b>DIM</b> Elec. Dimming (Consult factory)	<b>C</b> Cable (Std.)	<b>OP</b> Open (Std.)	<b>GLR</b> Fuse w/ holder <b>BPE</b> Battery Pack Em. kit <b>DL</b> UL Damp Label	
<b>GLCS12U - 254T5HO - 120V - ERS - 9' - C24" - OP - WH - XX</b>						
<b>Direction</b> Uplight  <b>Filtered Light Component*</b> S - Slots direct  <b>Cross Section Shape</b> Curva Shape	<b>Nominal Lamp Wattage</b> 54 (4' T5HO) 28 (4' T5)	<b>Voltage</b> 120 277	<b>Fixture Length</b> 5' to 9' units available. See chart.	<b>Suspension Length</b> 24" (ceiling to top of fixture) or cut to order	<b>Paint Color</b> <b>W</b> White (See color chart for other standard colors) <b>CCM</b> Custom color to match sample	<b>Paint Finish</b> <b>H</b> High Gloss <b>SG</b> Semi Gloss

\*Available without slots

**Photometric Report**

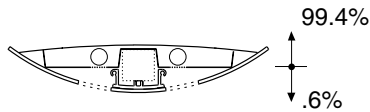
**GLCS12U-254T5HO-120VERS-4'-C24"-OP-PT**

Test: ITL #52412 03/19/02

IES Datafile: ITL52412.IES

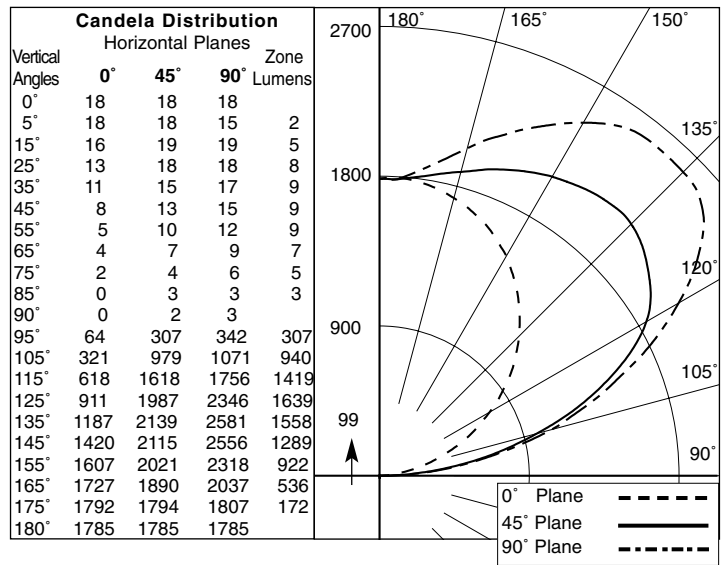
Lamps: 2-F54T5HO (5000 lumens)

**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.

