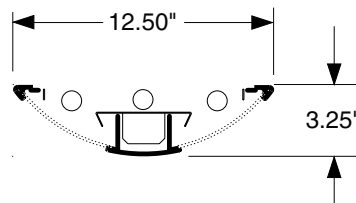


GAP13SG Softglow Series

**Suspended
Semi-Indirect Illumination**



GAP13SG
12.50" wide semi-indirect luminaire with alum.
perforated sides



3 x T8



Construction

Housing: Extruded aluminum body 12.50" wide x 3.25" high, 6063T5, 0.1" minimum thickness. Available in one piece, unbroken lengths up to 20' with just two points of suspension.

Joiner System: Automatic alignment, no loose parts, one tool to tighten two factory installed bolts for a hairline seam. No light leaks.

Ballast: Osram - Sylvania or equal electronic RS 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**).

Stems are 3/8" schedule 40 pipe with top swivels. California UBC compliant stems with internal safety cables available (specify **SEQ**).

Electrical

UL listed wiring and components throughout. Housing is completely wired with quick-connect plugs at all mating joints and individually tested. No fixture 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: Specular aluminum, 95% reflectance with a 25 year warranty.

Perforations: Aluminum, 30013H14, 0.032". 3/64" holes at 5/64" staggered centers. 32% open with 0.020" white acrylic diffuser, 70% transmission factor.

Dust Cover: Optional 0.060" clear acrylic top lens. Specify **DC**

Performance: Independent photometric laboratory testing - ITL or equal - is required. Luminaire is 84% efficient with 450 lm of down light. Max. of 2019 cd at 135° and no more than 1504 cd at 180° but with at least 2/3 of up light lumens emitted in the 90° to 140° zones.

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

Manufacturer Gammalux	Ballast ERS Elec. <10% THD DIM Elec. Dimming (Consult factory)	Suspension type C Cable (Std.) S Swivel stem SEQ CA Earthquake Stems/fittings SCA Stem w/Clevis	Paint Color W- White (Consult color chart for other standard colors) CCM- Custom Color Match (From submitted sample)	Paint Finish H - High gloss SG - Semi gloss
Nominal X-Section 12.50" x 3.25"	No. of Lamps 3	Fixture Length 4' to 20' units available. See Chart. For multiple units coupled end to end specify total length followed by ROW . For layouts in pattern specify PTN and attach drawing.	Suspension Length 24" (Ceiling to top of fixture) or cut to order	Options FU - Fuse w/ holder BPE - Battery Pack Em. kit DL - UL Damp Label CC - Coiled Cord SE - Sculptured Endcap
Voltage 120, 277	Lamp Type T8	Top Shielding OP - Open (Std.) DC - Dust Cover		
GAP13SG	332T8	120V	ERS	20'
Family Softglow	Nominal Lamp Watts 32 (4' - T8)	C24"	OP	WH
Alum. Panels Perforated				XX
Cross Section Shape Truncated Arc				



G A M M A L U X ®

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

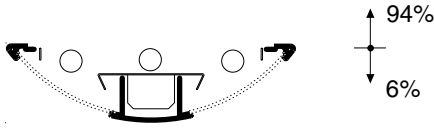
GAP13SG-332T8-120VERS-4'-C24"-OP-PT

Test: ITL #47641 03/30/98

IES Datafile: ITL47641.IES

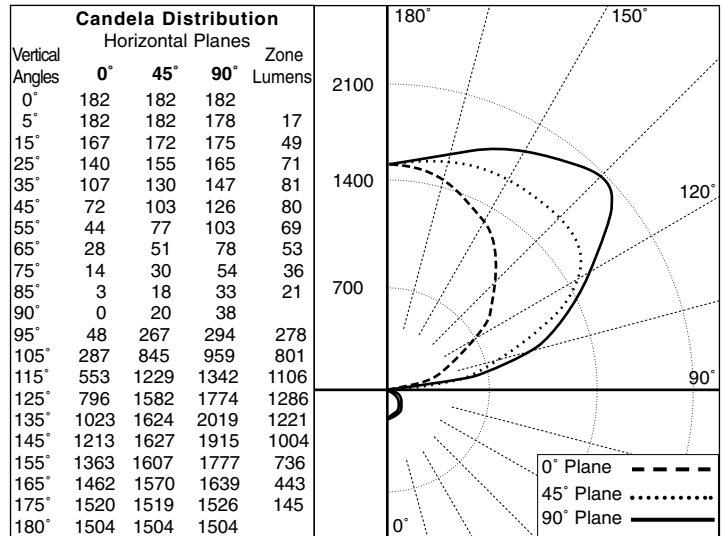
Lamps: 3-FP32T8 (2950 lumens each)

84.7% Efficiency



LUMINANCE DATA IN CANDELA/SQ M

ANGLE IN DEG	AVERAGE 0-DEG	AVERAGE 45-DEG	AVERAGE 90-DEG
45	400.	588.	719.
55	304.	537.	714.
65	265.	466.	644.
75	214.	359.	524.
85	137.	283.	388.



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	.82	.82	.82	.82	.71	.71	.71	.71	.50	.50	.50	.31	.31	.31
1	.75	.71	.68	.65	.64	.61	.59	.57	.44	.42	.41	.27	.26	.25
2	.68	.62	.57	.53	.58	.54	.50	.46	.38	.36	.33	.24	.22	.21
3	.62	.54	.49	.44	.53	.47	.42	.39	.33	.30	.28	.21	.19	.18
4	.56	.48	.42	.37	.48	.42	.36	.33	.30	.26	.24	.18	.17	.15
5	.52	.42	.36	.31	.44	.37	.32	.28	.26	.23	.20	.16	.15	.13
6	.47	.38	.31	.27	.41	.33	.28	.24	.24	.20	.17	.15	.13	.11
7	.44	.34	.28	.23	.37	.29	.24	.21	.21	.18	.15	.13	.11	.10
8	.40	.31	.24	.20	.35	.27	.21	.18	.19	.16	.13	.12	.10	.09
9	.37	.28	.22	.18	.32	.24	.19	.16	.17	.14	.12	.11	.09	.08
10	.35	.25	.19	.16	.30	.22	.17	.14	.16	.13	.10	.10	.08	.07

Mounting Dimensions

For individual and continuous rows of luminaires

