

DATA LUME

DATA CENTER LIGHTS FOR DG 1.5 GRID SYSTEM



FEATURES & SPECIFICATIONS

INTENDED USE

Specification grade, low profile troffer for use in Gordon DG 1.5 Data Center Ceiling Grid. Troffer is ideal for Data Centers requiring general illumination with recessed configuration.

SIZE W x L x H in inches

23-3/16" x 23-1/8" x 4-3/8"

LAMP

(4) T8 lamp positions. Sylvania XPXL 850 17W T-8 Fluorescent lamps, 5,000K

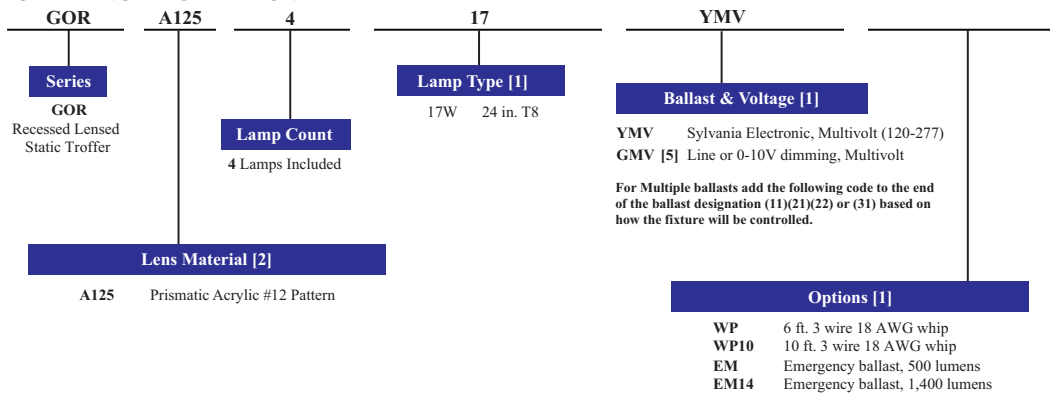
MATERIALS & FEATURES

Housing fabricated using 22 gauge pre-painted steel. Finish is high-reflectance white (90% reflective efficiency.) Wiring knock-outs are provided on back and end of housing. Lens is held with hinged aluminum door frame, hinges downward on either side and held closed by two positive cam latches. Clear 0.125" A12 Acrylic Lens is standard. Door hinges from either side and is field reversible. Dual access plates to simplify wiring. Lamps are included and are factory installed.

WARRANTY

OSRAM SYLVANIA, Inc. warrants SYLVANIA lamps installed on QUICKTRONIC ballasts to be free of defects in material and workmanship and to operate from the date of installation (or date of manufacture if installation date is not known or available) for the time periods and subject to Terms and Conditions on Gordon website. If lamps fail to operate for the warranty period, OSRAM SYLVANIA will provide a free replacement lamp (but no labor allowance). If a QUICKTRONIC ballast fails to operate within the warranty period, OSRAM SYLVANIA will provide a free replacement ballast and labor allowance in accordance with the "Labor Options" on Gordon website.

ORDERING INFORMATION



GOR 2' x 2'

Recessed Lensed Static Troffer Gordon Grid Mount



MOUNTING

Gordon DG1.5 T-Grid Lay-in Mount

LISTING

Fixture & Ballast UL Listed (10% THD)
.88 Ballast Factor



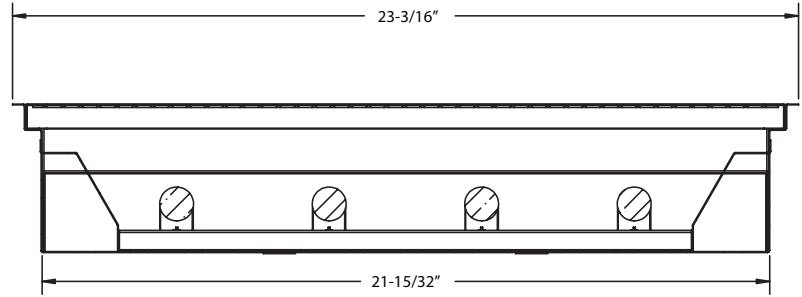
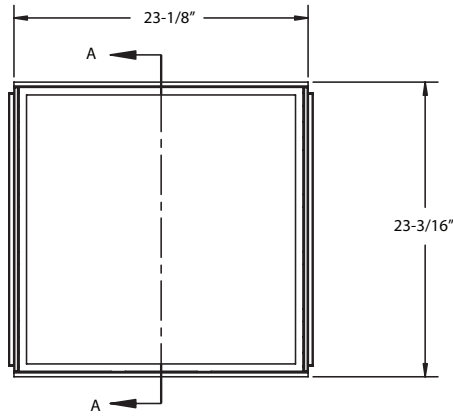
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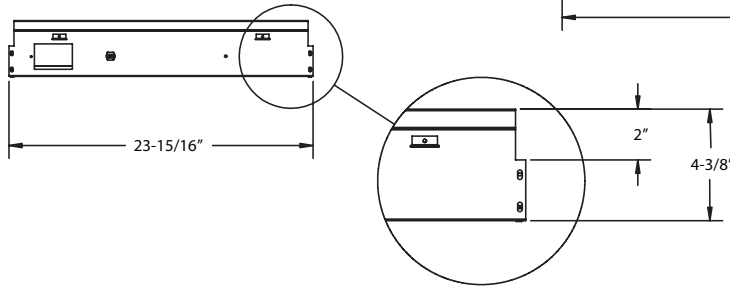


GOR 2' x 2'

Recessed Lensed Static Troffer
Gordon Grid Mount



SECTION A-A



PHOTOMETRICS

Calculated using the zonal cavity method in accordance with IESNA LM41 procedure. Lamp configurations shown are typical. Photometric data on these and other configurations available upon request.

Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			131A232	Spacing ratio.		Along 1.2	Across 1.3	
0	1.00	1.00	1.00	0.98	0.97	0.97	0.92	0.93	0.92
1	0.92	0.88	0.84	0.90	0.86	0.83	0.88	0.80	0.78
2	0.85	0.78	0.72	0.83	0.76	0.71	0.73	0.69	0.65
3	0.78	0.69	0.62	0.76	0.68	0.61	0.65	0.60	0.56
4	0.72	0.62	0.54	0.70	0.61	0.54	0.59	0.53	0.48
5	0.66	0.55	0.48	0.64	0.54	0.47	0.53	0.47	0.42
6	0.61	0.50	0.42	0.60	0.49	0.42	0.48	0.41	0.37
7	0.57	0.45	0.38	0.56	0.45	0.38	0.44	0.37	0.33
8	0.53	0.42	0.35	0.52	0.41	0.34	0.40	0.34	0.30
9	0.50	0.38	0.31	0.49	0.38	0.31	0.37	0.31	0.27
10	0.47	0.35	0.29	0.45	0.35	0.29	0.34	0.28	0.24

Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			131A332	Spacing ratio.		Along 1.2	Across 1.3	
0	0.94	0.94	0.93	0.92	0.91	0.91	0.87	0.87	0.87
1	0.87	0.83	0.79	0.84	0.81	0.78	0.78	0.75	0.73
2	0.8	0.73	0.68	0.78	0.72	0.67	0.69	0.65	0.61
3	0.73	0.65	0.58	0.71	0.64	0.58	0.61	0.56	0.52
4	0.68	0.58	0.51	0.66	0.57	0.51	0.55	0.5	0.45
5	0.62	0.52	0.45	0.61	0.51	0.45	0.5	0.44	0.4
6	0.58	0.47	0.4	0.56	0.46	0.4	0.45	0.39	0.35
7	0.54	0.43	0.36	0.52	0.42	0.36	0.41	0.35	0.31
8	0.5	0.39	0.33	0.49	0.39	0.32	0.38	0.32	0.28
9	0.47	0.36	0.3	0.46	0.36	0.3	0.35	0.29	0.25
10	0.44	0.33	0.27	0.43	0.33	0.27	0.32	0.27	0.23

Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			131A432	Spacing ratio.		Along 1.2	Across 1.3	
0	0.95	0.94	0.94	0.93	0.92	0.92	0.88	0.88	0.87
1	0.87	0.83	0.8	0.85	0.82	0.78	0.78	0.76	0.73
2	0.8	0.74	0.68	0.78	0.72	0.67	0.69	0.65	0.62
3	0.74	0.65	0.59	0.72	0.64	0.58	0.62	0.57	0.53
4	0.68	0.59	0.52	0.66	0.57	0.51	0.56	0.5	0.46
5	0.63	0.52	0.45	0.61	0.52	0.45	0.5	0.44	0.4
6	0.58	0.47	0.4	0.56	0.47	0.4	0.45	0.39	0.35
7	0.54	0.43	0.36	0.53	0.42	0.36	0.41	0.35	0.31
8	0.51	0.4	0.33	0.49	0.39	0.33	0.38	0.32	0.28
9	0.47	0.36	0.3	0.46	0.36	0.3	0.35	0.29	0.25
10	0.44	0.33	0.27	0.43	0.33	0.27	0.32	0.27	0.23

Floor	20%	20%	20%	20%	20%	20%	20%	20%	20%
Ceiling	80%	80%	80%	70%	70%	70%	50%	50%	50%
Wall	70%	50%	30%	70%	50%	30%	50%	30%	10%
RCR	Zonal cavity coefficients			131A232M20	Spacing ratio.		Along 1.2	Across 1.2	
0	1.04	1.03	1.02	1.01	1.01	1.00	0.96	0.96	0.95
1	0.96	0.92	0.88	0.93	0.90	0.86	0.86	0.83	0.81
2	0.88	0.81	0.76	0.86	0.80	0.74	0.77	0.72	0.69
3	0.81	0.72	0.66	0.79	0.71	0.65	0.69	0.63	0.59
4	0.75	0.65	0.58	0.73	0.64	0.57	0.62	0.56	0.52
5	0.70	0.59	0.51	0.68	0.58	0.51	0.56	0.50	0.45
6	0.65	0.53	0.46	0.63	0.52	0.45	0.51	0.45	0.40
7	0.60	0.49	0.41	0.59	0.48	0.41	0.47	0.40	0.36
8	0.56	0.45	0.38	0.55	0.44	0.37	0.43	0.37	0.33
9	0.53	0.41	0.34	0.52	0.41	0.34	0.40	0.34	0.29
10	0.49	0.38	0.31	0.48	0.38	0.31	0.37	0.31	0.27