



www.GetGreenLighting.com
 Induction Lighting Provider
 (614) 556-7118

GGL-250ALA-18A

Aluminum Induction High Bay.



Features:

- ✓ Die cast housing with power painting.
- ✓ High purity aluminum reflector with vacuum coated inner surface.
- ✓ Assembled with 250W Induction lamp
- ✓ Optional flat tempered glass, polycarbonate lens.

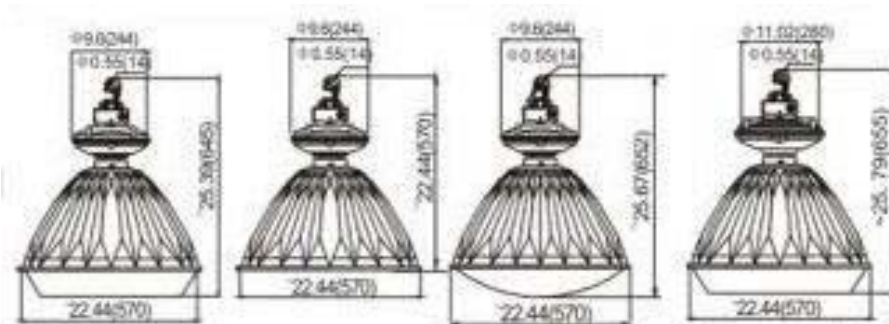
Applications:

Retail stores, warehouses, shopping malls.



Lamp and Ballast:

- Round tubular induction lamp features high lighting efficacy, long life, excellent color rendering index (CRI) and stable output.
- Electronic ballast features high power factor (>0.95).



Fixture Specifications										
#	Fixture Model #	Lamp	Wattage	Voltage	Kelvin	Ambient T. (C)	Install	IP Class	Note	UL
1	GGL-120ALA-18A	RD120	120W	120-277V	5,000	-20- +40	Hanging conduit/ hook suspended.	IP43 (ballast compartment)	22" AL Hood Optional lens, tempered glass, acrylic PC	X
2	GGL-150ALA-18A	RD150	150W							
3	GGL-200ALA-18A	RD200	200W							
4	GGL-250ALA-18A	RD250	250W						22" AL hood, acrylic lens	

*Color temperature 2,720-6,500 available upon request

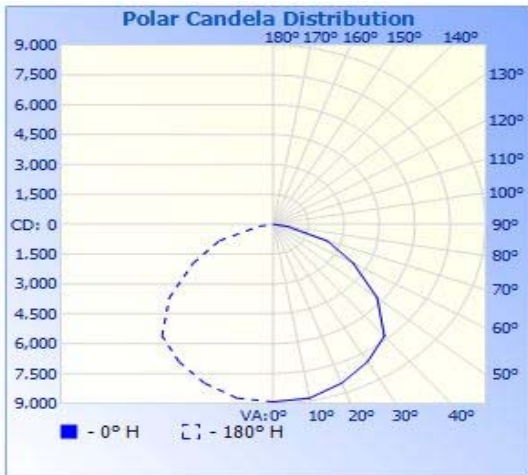


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GGL-250ALA-18A Luminaire Photometric Report.

Luminaire: 250W High Bay with Aluminum Hood
Luminaire Cat: GGL-250ALA-18A
Lamp: (1) 250W Induction
Lamp Output: (1) lamp, rated lumens/Lamp 21750
Max Candela: 8,916.2 at Horizontal: 0°, Vertical 10°
Input Wattage: 263
Luminous Opening: Circular
Photometry: Type C
CIE Class: Direct, full cutoff
Input voltage: 120-277V 50/60Hz.
Long life: Average lifetime of 100,000 hours.
High lighting efficiency: 65-90 lm/w
High color rendering index: Above 80 CRI.
Quick start: Instant start and re-strike.
High power factor: 0.95.
High frequency operation: No flickering, eyesight friendly.
Low Lamp Lumen Depreciation: Luminance maintenance rate 70% at 60,000 hours.
Optional color temperatures: 2720-6500K
Constant wattage output: The lamps output varies less than 3% with the input fluctuation up to ± 10%.
Strong adaptability: Operating ambient temperature -20°C+ 50°C with enclosed fixture, lamp for -40° available.
Low harmonic distortion: THD<10% meets international standard level L.
Dimming function: Optional intelligent dimming controller.



Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	7,100.9	32.6%	27%
0-40	11,897.0	54.7%	45.2%
0-60	21,249.7	97.7%	80.7%
60-90	5,074.9	23.3%	19.3%
0-90	26,324.6	121%	100%
90-180	0	0%	0%
0-180	26,324.6	121%	100%

Efficiency Total: 121%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	847.5	3.2%	90-100	0	0%
10-20	2,451.8	9.3%	100-110	0	0%
20-30	3,801.6	14.4%	110-120	0	0%
30-40	4,796.1	18.2%	120-130	0	0%
40-50	5,039.0	19.1%	130-140	0	0%
50-60	4,313.8	16.4%	140-150	0	0%
60-70	3,138.8	11.9%	150-160	0	0%
70-80	1,601.9	6.1%	160-170	0	0%
80-90	334.1	1.3%	170-180	0	0%

Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50			30			10			0
	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RW %:	1.44	1.44	1.44	1.44	1.41	1.41	1.41	1.21	1.34	1.34	1.34	1.29	1.29	1.29	1.24	1.24	1.24	1.21
RCR: 0	1.44	1.44	1.44	1.44	1.41	1.41	1.41	1.21	1.34	1.34	1.34	1.29	1.29	1.29	1.24	1.24	1.24	1.21
1	1.32	1.26	1.21	1.17	1.29	1.24	1.19	1.03	1.19	1.15	1.11	1.14	1.11	1.08	1.09	1.07	1.05	1.02
2	1.20	1.10	1.02	.95	1.17	1.08	1.01	.87	1.04	.97	.92	1.00	.95	.90	.96	.92	.88	.85
3	1.10	.97	.87	.79	1.07	.95	.86	.74	.91	.84	.77	.88	.81	.76	.85	.79	.75	.72
4	1.00	.86	.75	.67	.97	.84	.74	.64	.81	.73	.66	.78	.71	.65	.76	.69	.64	.61
5	.92	.77	.66	.58	.90	.75	.65	.55	.73	.64	.57	.70	.62	.56	.68	.61	.56	.53
6	.85	.69	.58	.50	.83	.68	.57	.49	.66	.56	.50	.63	.55	.49	.62	.54	.49	.46
7	.79	.62	.52	.44	.77	.61	.51	.43	.60	.50	.44	.58	.50	.43	.56	.49	.43	.41
8	.73	.57	.47	.39	.71	.56	.46	.38	.54	.45	.39	.53	.45	.39	.51	.44	.39	.36
9	.68	.52	.42	.35	.67	.51	.42	.35	.50	.41	.35	.49	.41	.35	.47	.40	.35	.33
10	.64	.48	.38	.32	.62	.47	.38	.31	.46	.38	.32	.45	.37	.32	.44	.37	.31	.29