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 Induction Lighting Provider
 (614) 556-7118

GGL-200ALA-18A

Aluminum Induction High Bay.



Features:

- ✓ Die cast housing with power painting.
- ✓ High purity aluminum reflector with vacuum coated inner surface.
- ✓ Assembled with 200W 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							

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

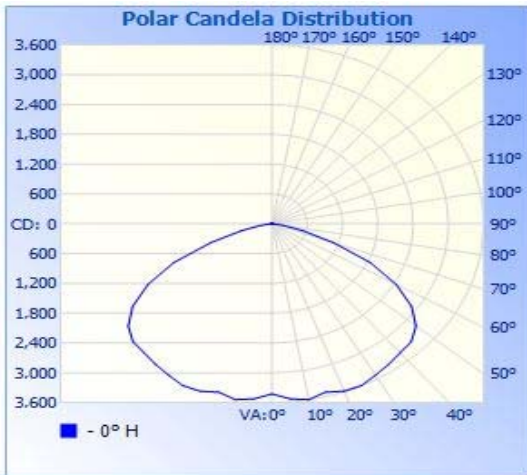


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GGL-200ALA-18A Luminaire Photometric Report.

- Luminaire:** 200W High Bay with Aluminum Hood
- Luminaire Cat:** GGL-200ALA-18A
- Lamp:** (1) 200W Induction
- Lamp Output:** (1) lamp, rated lumens/Lamp 16800
- Max Candela:** 3,594.3 at Horizontal: 0°, Vertical 10°
- Input Wattage:** 210
- 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 $\pm 10\%$.
- 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	2,998.0	17.8%	23.4%
0-40	5,166.7	30.8%	40.3%
0-60	10,292.7	61.3%	80.3%
60-90	2,498.8	14.9%	19.5%
0-90	12,791.5	76.1%	99.9%
90-180	19.0	0.1%	0.1%
0-180	12,810.6	76.3%	100%
Efficiency Total: 76.3%			

Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	339.4	2.6%	90-100	1.8	0%
10-20	1,005.6	7.8%	100-110	2.0	0%
20-30	1,653.0	12.9%	110-120	2.0	0%
30-40	2,168.8	16.9%	120-130	1.8	0%
40-50	2,570.2	20.1%	130-140	2.0	0%
50-60	2,555.7	20.0%	140-150	2.7	0%
60-70	1,786.1	13.9%	150-160	3.3	0%
70-80	632.0	4.9%	160-170	2.5	0%
80-90	80.7	0.6%	170-180	1.0	0%

Coefficients Of Utilization - Zonal Cavity Method																		
	Effective Floor Cavity Reflectance: 20%																	
RCC %:	80				70				50				30				10	0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	.91	.91	.91	.91	.89	.89	.89	.76	.85	.85	.85	.81	.81	.81	.78	.78	.78	.76
1	.83	.80	.77	.74	.81	.78	.75	.65	.75	.72	.70	.72	.70	.68	.69	.67	.66	.64
2	.75	.69	.64	.60	.73	.68	.63	.54	.65	.61	.58	.62	.59	.56	.60	.57	.55	.53
3	.68	.60	.54	.49	.67	.59	.53	.46	.57	.52	.48	.55	.50	.47	.53	.49	.46	.44
4	.62	.53	.46	.41	.61	.52	.46	.39	.50	.45	.40	.48	.43	.40	.47	.42	.39	.37
5	.57	.47	.40	.35	.55	.46	.40	.33	.44	.39	.34	.43	.38	.34	.42	.37	.33	.32
6	.52	.42	.35	.30	.51	.41	.35	.29	.40	.34	.30	.39	.33	.29	.37	.33	.29	.27
7	.48	.38	.31	.26	.47	.37	.31	.25	.36	.30	.26	.35	.30	.26	.34	.29	.25	.24
8	.45	.34	.28	.23	.44	.34	.27	.22	.33	.27	.23	.32	.26	.23	.31	.26	.22	.21
9	.42	.31	.25	.21	.41	.31	.25	.20	.30	.24	.20	.29	.24	.20	.28	.24	.20	.19
10	.39	.29	.23	.18	.38	.28	.22	.18	.28	.22	.18	.27	.22	.18	.26	.21	.18	.17