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 Induction Lighting Provider  
 (614) 556-7118

# GGL-200PC-18

## PC Induction High Bay.

**Features:**

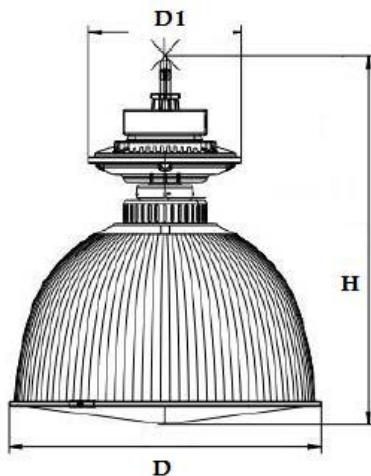
- ✓ Die cast housing with power painting.
- ✓ PC + UV reflector.
- ✓ Assembled with 200W Induction lamp

**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 Dimensions				
Model #	D	D1	H	Note
GGL-70-100PC-18	16.14"	8.07"	23.62	16" hood
GGL-120-150PC-18	22.44"	9.6"	27.24"	22" hood
GGL-200PC-18	22.44"	9.6"	27.24"	22" hood
GGL-250PC-18	22.44"	11.02"	27.72"	22" hood

Fixture Specifications										
#	Fixture Model #	Lamp	Wattage	Voltage	Kelvin	Ambient T. (C)	Install	IP Class	Note	UL
1	GGL-70PC-18	RD70	70W	120-277V	5,000	-20- +40	Hanging conduit/ hook suspended.	IP43 (ballast compartment)	16" Hood	X
2	GGL-80PC-18	RD80	80W							
3	GGL-100PC-18	RD100	100W							
3	GGL-120PC-18	RD120	120W							
4	GGL-150PC-18	RD150	150W							
5	GGL-200PC-18	RD200	200W							
6	GGL-250PC-18	RD250	250W	22" Hood	X					

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

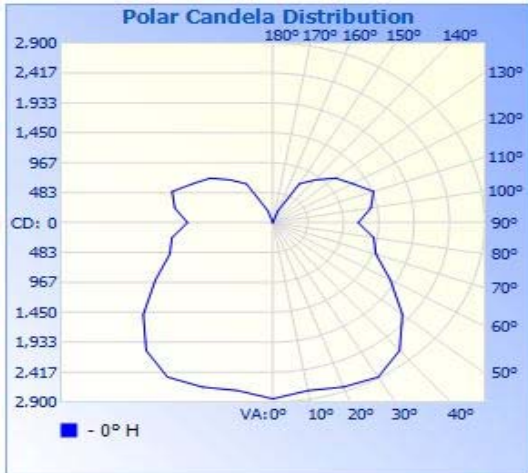


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## PC Induction High Bay.

### GGL-200PC-18 Luminaire Photometric Report.

**Luminaire:** 200W High Bay with Poly Carbonate Hood  
**Luminaire Cat:** GGL-200PC-18  
**Lamp:** (1) 200W Induction  
**Lamp Output:** (1) lamp, rated lumens/Lamp 17500  
**Max Candela:** 2,882.4 at Horizontal: 0°, Vertical 30°  
**Input Wattage:** 210  
**Luminous Opening:** Circular  
**Photometry:** Type C  
**CIE Class:** Semi-Direct  
**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 RI.  
**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	2,381.3	13.6%	12.3%
0-40	4,130.4	23.6%	21.3%
0-60	7,929.9	45.3%	40.9%
60-90	4,599.8	26.3%	23.7%
0-90	12,529.7	71.6%	64.6%
90-180	6,853.5	39.2%	35.4%
0-180	19,383.2	110.8%	100%

Efficiency Total: 110.8%

#### Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	265.4	1.4%	90-100	1,379.4	7.1%
10-20	793.2	4.1%	100-110	1,495.5	7.7%
20-30	1,322.7	6.8%	110-120	1,354.6	7%
30-40	1,749.1	9.0%	120-130	1,068.2	5.5%
40-50	1,934.6	10.0%	130-140	784.4	4%
50-60	1,864.8	9.6%	140-150	512.0	2.6%
60-70	1,663.7	8.6%	150-160	225.2	1.2%
70-80	1,535.6	7.9%	160-170	34.0	0.2%
80-90	1,400.5	7.2%	170-180	0.3	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	50	30	20	0			
RW %:	1.23	1.23	1.23	1.23	1.15	1.15	1.15	.72	1.01	1.01	1.01	.89	.89	.89	.77	.77	.77	.72	.72	.72	.72			
RCR: 0	1.08	1.02	.96	.91	1.01	.96	.90	.54	.84	.80	.76	.73	.70	.67	.63	.60	.58	.53	.50	.46	.42			
1	.97	.87	.79	.72	.91	.82	.74	.43	.71	.66	.60	.62	.57	.53	.53	.50	.46	.42	.42	.42	.34			
2	.88	.76	.66	.58	.82	.71	.62	.35	.62	.55	.49	.54	.48	.44	.46	.42	.38	.34	.34	.34	.28			
3	.80	.66	.56	.49	.75	.62	.53	.30	.55	.47	.41	.47	.41	.37	.41	.36	.32	.28	.28	.28	.24			
4	.73	.59	.49	.41	.68	.55	.46	.26	.48	.41	.35	.42	.36	.31	.36	.31	.27	.24	.24	.24	.21			
5	.67	.53	.43	.35	.63	.49	.40	.22	.43	.36	.30	.38	.32	.27	.33	.28	.24	.21	.21	.21	.18			
6	.62	.47	.38	.31	.58	.45	.36	.19	.39	.32	.26	.34	.28	.24	.30	.25	.21	.18	.18	.18	.16			
7	.58	.43	.33	.27	.54	.40	.32	.17	.36	.28	.23	.31	.25	.21	.27	.22	.18	.16	.16	.16	.14			
8	.54	.39	.30	.24	.50	.37	.29	.15	.33	.26	.21	.29	.23	.19	.25	.20	.16	.14	.14	.14	.13			
9	.50	.36	.27	.21	.47	.34	.26	.14	.30	.23	.19	.26	.21	.17	.23	.18	.15	.13	.13	.13	.11			
10																								