



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

GGL-150PC-18

PC Induction High Bay.

Features:

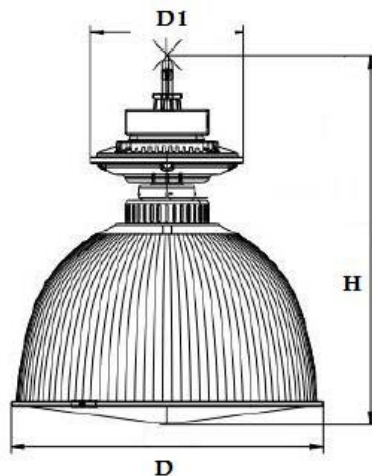
- ✓ Die cast housing with power painting.
- ✓ PC + UV reflector.
- ✓ Assembled with 150W Induction lamp

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						22" Hood	X
4	GGL-150PC-18	RD150	150W							
5	GGL-200PC-18	RD200	200W							
6	GGL-250PC-18	RD250	250W							

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

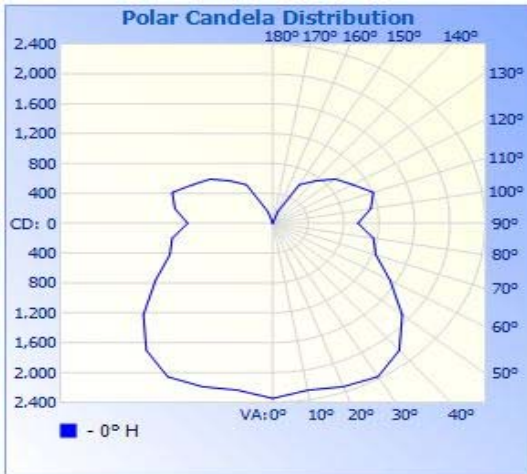


G G L - 1 5 0 P C - 1 8

PC Induction High Bay.

GGL-150PC-18 Luminaire Photometric Report.

- Luminaire:** 150W High Bay with Poly Carbonate Hood
- Luminaire Cat:** GGL-150PC-18
- Lamp:** (1) 150W Induction
- Lamp Output:** (1) lamp, rated lumens/Lamp 14400
- Max Candela:** 2,373.7 at Horizontal: 0°, Vertical 30°
- Input Wattage:** 160
- 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	1,400.8	14.6%	12.3%
0-40	2,429.7	25.2%	21.3%
0-60	4,664.6	48.5%	40.9%
60-90	2,705.8	28.1%	23.7%
0-90	7,370.4	76.6%	64.6%
90-180	4,031.5	41.9%	35.4%
0-180	11,401.9	118.5%	100%

Efficiency Total: 118.5%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	218.5	1.4%	90-100	1,135.9	7.1%
10-20	653.3	4.1%	100-110	1,231.6	7.7%
20-30	1,089.3	6.8%	110-120	1,115.6	7%
30-40	1,440.5	9.0%	120-130	879.7	5.5%
40-50	1,593.2	10.0%	130-140	645.9	4%
50-60	1,535.8	9.6%	140-150	421.7	2.6%
60-70	1,370.1	8.6%	150-160	185.4	1.2%
70-80	1,264.6	7.9%	160-170	28.0	0.2%
80-90	1,153.4	7.2%	170-180	0.2	0%

Coefficients Of Utilization - Zonal Cavity Method

		Effective Floor Cavity Reflectance: 20%																							
RCC %:		80				70				50				30				10				0			
RW %:	RCR:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	50	30	20	0			
0	1	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			
1	2	1.08	1.02	.96	.91	1.01	.96	.91	.54	.84	.80	.76	.73	.70	.67	.63	.60	.58	.53	.53	.53	.53			
2	3	.97	.87	.79	.72	.91	.82	.74	.43	.72	.66	.60	.62	.57	.53	.53	.50	.46	.42	.42	.42	.42			
3	4	.88	.76	.66	.58	.82	.71	.62	.36	.62	.55	.49	.54	.48	.44	.46	.42	.38	.34	.34	.34	.34			
4	5	.80	.66	.56	.49	.75	.62	.53	.30	.55	.47	.41	.47	.41	.37	.41	.36	.32	.28	.28	.28	.28			
5	6	.73	.59	.49	.41	.68	.55	.46	.26	.49	.41	.35	.42	.36	.31	.36	.31	.27	.24	.24	.24	.24			
6	7	.68	.53	.43	.35	.63	.49	.40	.22	.43	.36	.30	.38	.32	.27	.33	.28	.24	.21	.21	.21	.21			
7	8	.62	.47	.38	.31	.58	.45	.36	.19	.39	.32	.26	.34	.28	.24	.30	.25	.21	.18	.18	.18	.18			
8	9	.58	.43	.33	.27	.54	.40	.32	.17	.36	.28	.23	.31	.25	.21	.27	.22	.18	.16	.16	.16	.16			
9	10	.54	.39	.30	.24	.50	.37	.29	.15	.33	.26	.21	.29	.23	.19	.25	.20	.17	.14	.14	.14	.14			
10		.50	.36	.27	.21	.47	.34	.26	.14	.30	.23	.19	.27	.21	.17	.23	.18	.15	.13	.13	.13	.13			