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 Induction Lighting Provider
 (614) 556-7118

GGL-100PC-18

PC Induction High Bay.

Features:

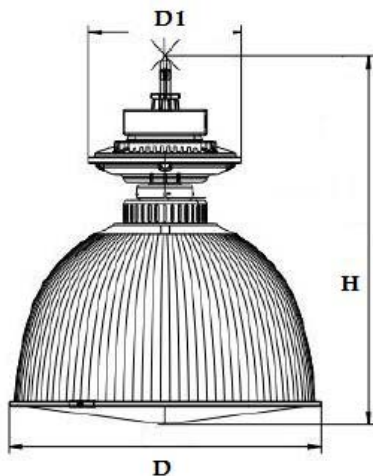
- ✓ Die cast housing with power painting.
- ✓ PC + UV reflector.
- ✓ Assembled with 100W Induction lamp

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

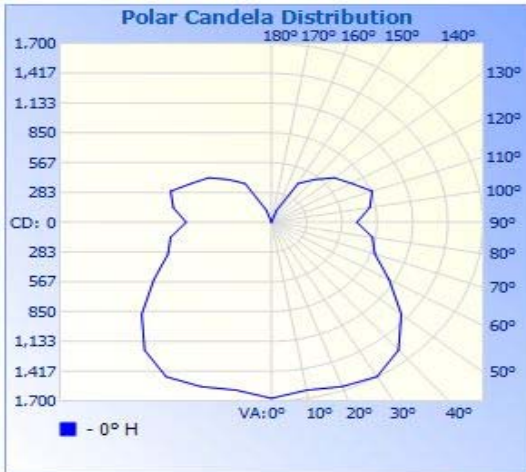


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GGL-100PC-18 Luminaire Photometric Report.

Luminaire: 100 W High Bay with Poly Carbonate Hood
Luminaire Cat: GGL-100PC-18
Lamp: (1) 100W Induction
Lamp Output: (1) lamp, rated lumens/Lamp 9625
Max Candela: 1,695.5 at Horizontal: 0°, Vertical 30°
Input Wattage: 110
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	156.1	1.4%	90-100	811.4	7.1%
10-20	466.6	4.1%	100-110	879.7	7.7%
20-30	778.1	6.8%	110-120	796.9	7%
30-40	1,028.9	9.0%	120-130	628.3	5.5%
40-50	1,138.0	10.0%	130-140	461.4	4%
50-60	1,097.0	9.6%	140-150	301.2	2.6%
60-70	978.6	8.6%	150-160	132.5	1.2%
70-80	903.3	7.9%	160-170	20.0	0.2%
80-90	823.8	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			
	70	50	30	0	70	50	30	0	50	30	20	0	50	30	20	0	50	30	20	0				
RW %:	1.31	1.31	1.31	1.31	1.23	1.23	1.23	.77	1.08	1.08	1.08	.95	.95	.95	.95	.82	.82	.82	.82	.77				
RCR: 0	1.16	1.09	1.03	.97	1.08	1.02	.97	.58	.89	.85	.81	.78	.74	.71	.67	.64	.62	.62	.62	.57				
1	1.04	.93	.84	.77	.97	.87	.79	.46	.76	.70	.65	.66	.61	.57	.57	.53	.50	.50	.45	.45				
2	.94	.81	.71	.62	.88	.76	.67	.38	.66	.59	.53	.58	.52	.47	.49	.45	.41	.36	.34	.30				
3	.86	.71	.60	.52	.80	.67	.57	.32	.58	.50	.44	.51	.44	.39	.43	.38	.34	.30	.25	.22				
4	.79	.63	.52	.44	.73	.59	.49	.27	.52	.44	.38	.45	.39	.33	.39	.34	.29	.26	.22	.22				
5	.72	.56	.45	.38	.67	.53	.43	.24	.46	.38	.32	.41	.34	.29	.35	.30	.25	.22	.19	.19				
6	.67	.51	.40	.33	.62	.48	.38	.21	.42	.34	.28	.37	.30	.25	.32	.26	.22	.19	.17	.17				
7	.62	.46	.36	.29	.58	.43	.34	.18	.38	.30	.25	.33	.27	.22	.29	.24	.20	.17	.15	.15				
8	.57	.42	.32	.26	.54	.39	.30	.17	.35	.27	.22	.31	.24	.20	.27	.21	.18	.15	.14	.14				
9	.54	.38	.29	.23	.50	.36	.28	.15	.32	.25	.20	.28	.22	.18	.25	.20	.16	.14	.14	.14				
10																								