

FEATURES & SPECIFICATIONS

The LumiDas Parking linear type LED multi-use luminaire is designed for great performance in a multitude of applications. As an alternative to fluorescent fixtures the LumiDas Parking enjoys all of the benefits that LED technology carries over fluorescent including extended life, reduced aintenance costs and reduced energy consumption.

The rugged yet elegant design of the LumiDas Parking series makes this fixture a natural for specification in utility, LumiDas Parking structure, retail and stairwell lighting applications. The environmentally friendly design efficiently manages heat with integral heat sinking. Compared to T8 Fluorescent fixtures of similar output, It is capable of reducing energy normally 49% by up to 60% with the employment of dimming control measures.

Construction

Aluminum Die casting Body
 Junction Box Mount, Surface Mount,
 Suspended Mount(Pipe, Chain, Cable)
 Weight : 5.5lb(2.5kg)

Performance

CCT : 4000/5000K
 Lumen Output : 3,528lm(@4000K) / 3,708lm(@5000K), 36W
 4,802lm(@4000K) / 5,047lm(@5000K), 49W
 Efficacy : 98lm/W(@4000K) / 103lm/W(@5000K)
 CRI : Minimum 70

Electrical

Integral, High Efficiency Driver.
 Input Voltage :120-277VAC, 50/60Hz
 Power Factor : >0.9
 Surge Protection : 6kV(Line to F.G)

Environmental

IP65(Damp. Location)
 Operating Temperature : -20°C to 50°C(-22°F to 122 °F)
 Operation Humidity : 5 to 95%

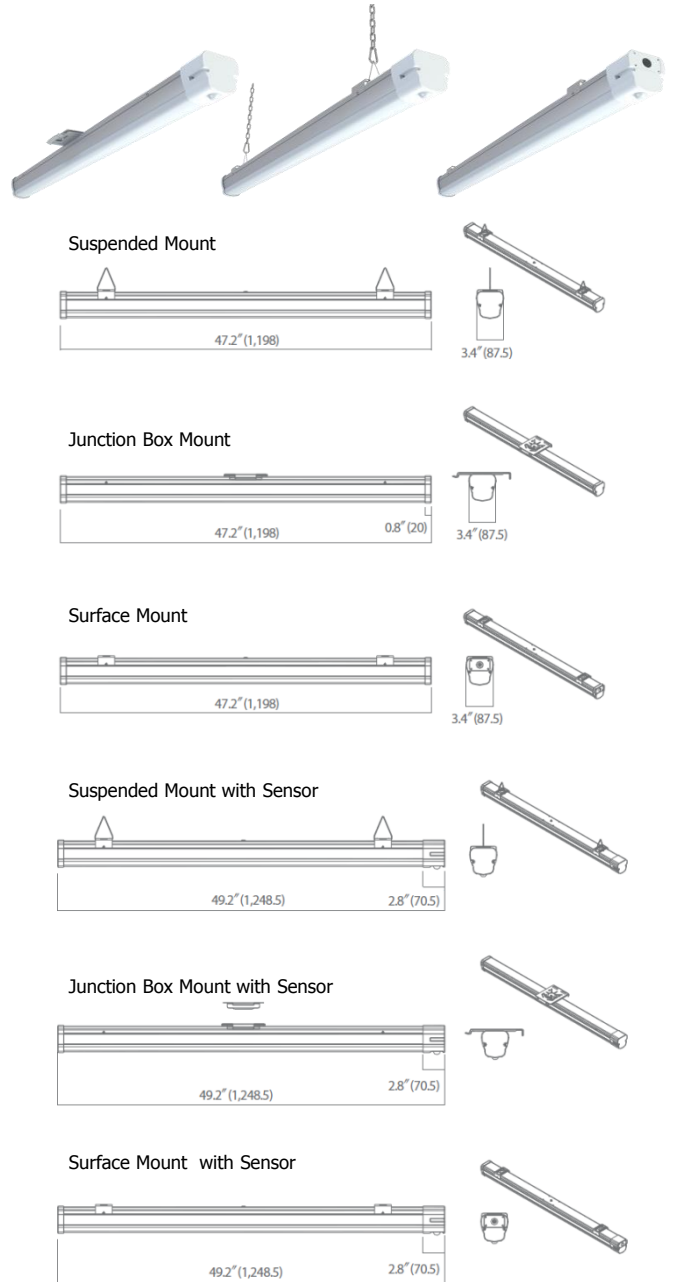
Listing

UL(cUL) Listed
 FCC :



Warranty

5 YEARS limited warranty.
 Minimum 50,000 hours lifetime



All dimensions are inches (millimeters) unless otherwise indicated

ORDERING INFORMATION

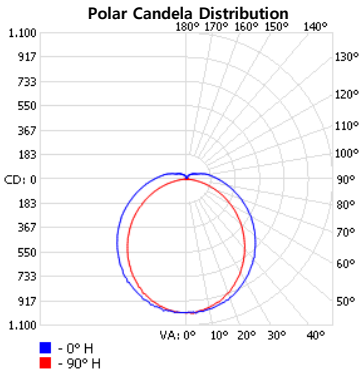
Example: PGL36-UM-SL1200B(ND-O)

Product Series	Watt	Input Voltage	Mounting Type	Form Type	Size	Converter Location	CCT	Beam Angle	Sensor
PGL: Parking Garage Linear	36: 36W 49: 39W	UM: 120/277V	J: Junction Box Mount S: Surface Mount P: Suspended Mount (Pipe, Chain, Cable)	L: Linear Type	1200: 1200mm	B: Built-in Converter	N: 4000K D: 5000K	D: Diffusion	O: Occupancy Sensor

Lead times will vary depending on order volumes and options selected. Consult with your sales representative.

PHOTOMETRICS

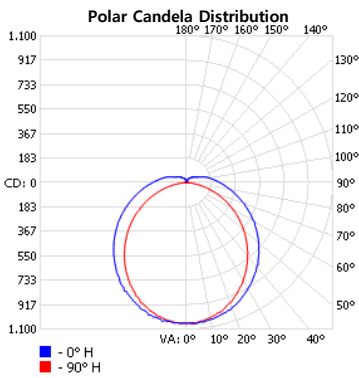
PGL36-UM-xL1200B(ND-y), 3,528 delivered lumens, tested by Intertek, tested in accordance to IESNA LM-79



Zone	Lumens	% Lamp	% Luminaire
0-30	780.2	21.90%	22.30%
0-40	1,278.10	35.90%	36.50%
0-60	2,288.10	64.30%	65.30%
60-90	887.8	25%	25.30%
70-100	602.9	17%	17.20%
90-120	246.6	6.90%	7%
0-90	3,175.80	89.30%	90.60%
90-180	328.6	9.20%	9.40%
0-180	3,504.40	98.60%	100%

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	0	50	30	20	0	50	30	20	0	0
RCR: 0	1.15	1.15	1.15	1.15	1.11	1.11	1.11	0.89	1.04	1.04	1.04	0.98	0.98	0.98	0.92	0.92	0.92	0.89	0.89	0.89	0.89
1	1.03	0.98	0.93	0.89	1.00	0.95	0.90	0.72	0.89	0.85	0.82	0.83	0.80	0.78	0.78	0.76	0.74	0.71	0.71	0.71	0.71
2	0.93	0.84	0.77	0.71	0.90	0.82	0.75	0.59	0.77	0.71	0.66	0.72	0.67	0.63	0.68	0.64	0.61	0.58	0.58	0.58	0.58
3	0.85	0.74	0.65	0.58	0.81	0.71	0.64	0.50	0.67	0.60	0.55	0.63	0.58	0.53	0.59	0.55	0.51	0.48	0.48	0.48	0.48
4	0.77	0.65	0.56	0.49	0.74	0.63	0.55	0.43	0.59	0.52	0.47	0.56	0.50	0.45	0.53	0.48	0.43	0.41	0.41	0.41	0.41
5	0.71	0.58	0.49	0.42	0.68	0.56	0.48	0.37	0.53	0.46	0.40	0.50	0.44	0.39	0.47	0.42	0.37	0.35	0.35	0.35	0.35
6	0.66	0.52	0.43	0.36	0.63	0.51	0.42	0.32	0.48	0.40	0.35	0.45	0.39	0.34	0.43	0.37	0.33	0.31	0.31	0.31	0.31
7	0.61	0.47	0.38	0.32	0.58	0.46	0.38	0.29	0.43	0.36	0.31	0.41	0.35	0.30	0.39	0.33	0.29	0.27	0.27	0.27	0.27
8	0.56	0.43	0.34	0.29	0.54	0.42	0.34	0.26	0.40	0.33	0.27	0.38	0.31	0.27	0.36	0.30	0.26	0.24	0.24	0.24	0.24
9	0.53	0.39	0.31	0.26	0.51	0.38	0.31	0.23	0.37	0.30	0.25	0.35	0.29	0.24	0.33	0.28	0.23	0.22	0.22	0.22	0.22
10	0.49	0.36	0.28	0.23	0.48	0.35	0.28	0.21	0.34	0.27	0.22	0.32	0.26	0.22	0.31	0.25	0.21	0.19	0.19	0.19	0.19

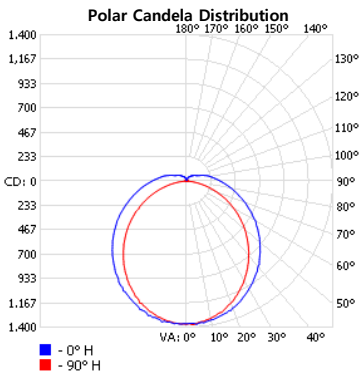
PGL36-UM-xL1200B(DD-y), 3,708 delivered lumens, tested by Intertek, tested in accordance to IESNA LM-79



Zone	Lumens	% Lamp	% Luminaire
0-30	820	21.90%	22.30%
0-40	1,343.20	35.90%	36.50%
0-60	2,404.80	64.30%	65.30%
60-90	933	25%	25.30%
70-100	633.7	17%	17.20%
90-120	259.2	6.90%	7%
0-90	3,337.90	89.30%	90.60%
90-180	345.4	9.20%	9.40%
0-180	3,683.20	98.60%	100%

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	0	50	30	20	0	50	30	20	0	0
RCR: 0	1.15	1.15	1.15	1.15	1.11	1.11	1.11	0.89	1.04	1.04	1.04	0.98	0.98	0.98	0.92	0.92	0.92	0.89	0.89	0.89	0.89
1	1.03	0.98	0.93	0.89	1.00	0.95	0.90	0.72	0.89	0.85	0.82	0.83	0.80	0.78	0.78	0.76	0.74	0.71	0.71	0.71	0.71
2	0.93	0.84	0.77	0.71	0.90	0.82	0.75	0.59	0.77	0.71	0.66	0.72	0.67	0.63	0.68	0.64	0.61	0.58	0.58	0.58	0.58
3	0.85	0.74	0.65	0.58	0.81	0.71	0.64	0.50	0.67	0.60	0.55	0.63	0.58	0.53	0.59	0.55	0.51	0.48	0.48	0.48	0.48
4	0.77	0.65	0.56	0.49	0.74	0.63	0.55	0.43	0.59	0.52	0.47	0.56	0.50	0.45	0.53	0.48	0.43	0.41	0.41	0.41	0.41
5	0.71	0.58	0.49	0.42	0.68	0.56	0.48	0.37	0.53	0.46	0.40	0.50	0.44	0.39	0.47	0.42	0.37	0.35	0.35	0.35	0.35
6	0.66	0.52	0.43	0.36	0.63	0.51	0.42	0.32	0.48	0.40	0.35	0.45	0.39	0.34	0.43	0.37	0.33	0.31	0.31	0.31	0.31
7	0.61	0.47	0.38	0.32	0.58	0.46	0.38	0.29	0.43	0.36	0.31	0.41	0.35	0.30	0.39	0.33	0.29	0.27	0.27	0.27	0.27
8	0.56	0.43	0.34	0.29	0.54	0.42	0.34	0.26	0.40	0.33	0.27	0.38	0.31	0.27	0.36	0.30	0.26	0.24	0.24	0.24	0.24
9	0.53	0.39	0.31	0.26	0.51	0.38	0.31	0.23	0.37	0.30	0.25	0.35	0.29	0.24	0.33	0.28	0.23	0.22	0.22	0.22	0.22
10	0.49	0.36	0.28	0.23	0.48	0.35	0.28	0.21	0.34	0.27	0.22	0.32	0.26	0.22	0.31	0.25	0.21	0.19	0.19	0.19	0.19

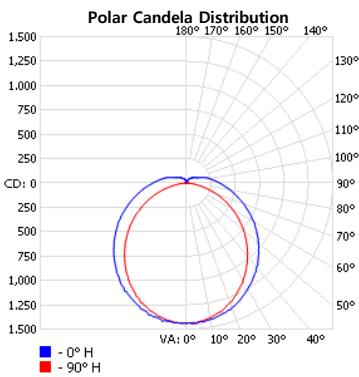
PGL49-UM-xL1200B(ND-y), 4,802 delivered lumens, tested by Intertek, tested in accordance to IESNA LM-79



Zone	Lumens	% Lamp	% Luminaire
0-30	1,061.90	21.90%	22.30%
0-40	1,739.50	35.90%	36.50%
0-60	3,114.30	64.30%	65.30%
60-90	1,208.30	25%	25.30%
70-100	820.7	17%	17.20%
90-120	335.7	6.90%	7%
0-90	4,322.60	89.30%	90.60%
90-180	447.3	9.20%	9.40%
0-180	4,769.90	98.60%	100%

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	0	50	30	20	0	50	30	20	0	0
RCR: 0	1.15	1.15	1.15	1.15	1.11	1.11	1.11	0.89	1.04	1.04	1.04	0.98	0.98	0.98	0.92	0.92	0.92	0.89	0.89	0.89	0.89
1	1.03	0.98	0.93	0.89	1.00	0.95	0.90	0.72	0.89	0.85	0.82	0.83	0.80	0.78	0.78	0.76	0.74	0.71	0.71	0.71	0.71
2	0.93	0.84	0.77	0.71	0.90	0.82	0.75	0.59	0.77	0.71	0.66	0.72	0.67	0.63	0.68	0.64	0.61	0.58	0.58	0.58	0.58
3	0.85	0.74	0.65	0.58	0.81	0.71	0.64	0.50	0.67	0.60	0.55	0.63	0.58	0.53	0.59	0.55	0.51	0.48	0.48	0.48	0.48
4	0.77	0.65	0.56	0.49	0.74	0.63	0.55	0.43	0.59	0.52	0.47	0.56	0.50	0.45	0.53	0.48	0.43	0.41	0.41	0.41	0.41
5	0.71	0.58	0.49	0.42	0.68	0.56	0.48	0.37	0.53	0.46	0.40	0.50	0.44	0.39	0.47	0.42	0.37	0.35	0.35	0.35	0.35
6	0.66	0.52	0.43	0.36	0.63	0.51	0.42	0.32	0.48	0.40	0.35	0.45	0.39	0.34	0.43	0.37	0.33	0.31	0.31	0.31	0.31
7	0.61	0.47	0.38	0.32	0.58	0.46	0.38	0.29	0.43	0.36	0.31	0.41	0.35	0.30	0.39	0.33	0.29	0.27	0.27	0.27	0.27
8	0.56	0.43	0.34	0.29	0.54	0.42	0.34	0.26	0.40	0.33	0.27	0.38	0.31	0.27	0.36	0.30	0.26	0.24	0.24	0.24	0.24
9	0.53	0.39	0.31	0.26	0.51	0.38	0.31	0.23	0.37	0.30	0.25	0.35	0.29	0.24	0.33	0.28	0.23	0.22	0.22	0.22	0.22
10	0.49	0.36	0.28	0.23	0.48	0.35	0.28	0.21	0.34	0.27	0.22	0.32	0.26	0.22	0.31	0.25	0.21	0.19	0.19	0.19	0.19

PGL49-UM-xL1200B(DD-y), 5,047 delivered lumens, tested by Intertek, tested in accordance to IESNA LM-79



Zone	Lumens	% Lamp	% Luminaire
0-30	1,116.10	21.90%	22.30%
0-40	1,828.20	35.90%	36.50%
0-60	3,273.20	64.30%	65.30%
60-90	1,270.00	25%	25.30%
70-100	862.5	17%	17.20%
90-120	352.8	6.90%	7%
0-90	4,543.20	89.30%	90.60%
90-180	470.1	9.20%	9.40%
0-180	5,013.30	98.60%	100%

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	0	50	30	20	0	50	30	20	0	0
RCR: 0	1.15	1.15	1.15	1.15	1.11	1.11	1.11	0.89	1.04	1.04	1.04	0.98	0.98	0.98	0.92	0.92	0.92	0.89	0.89	0.89	0.89
1	1.03	0.98	0.93	0.89	1.00	0.95	0.90	0.72	0.89	0.85	0.82	0.83	0.80	0.78	0.78	0.76	0.74	0.71	0.71	0.71	0.71
2	0.93	0.84	0.77	0.71	0.90	0.82	0.75	0.59	0.77	0.71	0.66	0.72	0.67	0.63	0.68	0.64	0.61	0.58	0.58	0.58	0.58
3	0.85	0.74	0.65	0.58	0.81	0.71	0.64	0.50	0.67	0.60	0.55	0.63	0.58	0.53	0.59	0.55	0.51	0.48	0.48	0.48	0.48
4	0.77	0.65	0.56	0.49	0.74	0.63	0.55	0.43	0.59	0.52	0.47	0.56	0.50	0.45	0.53	0.48	0.43	0.41	0.41	0.41	0.41
5	0.71	0.58	0.49	0.42	0.68	0.56	0.48	0.37	0.53	0.46	0.40	0.50	0.44	0.39	0.47	0.42	0.37	0.35	0.35	0.35	0.35
6	0.66	0.52	0.43	0.36	0.63	0.51	0.42	0.32	0.48	0.40	0.35	0.45	0.39	0.34	0.43	0.37	0.33	0.31	0.31</		