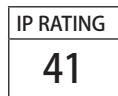


LED PANEL LIGHT 2X2 BOL-EPL

DESCRIPTION

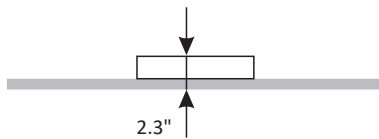
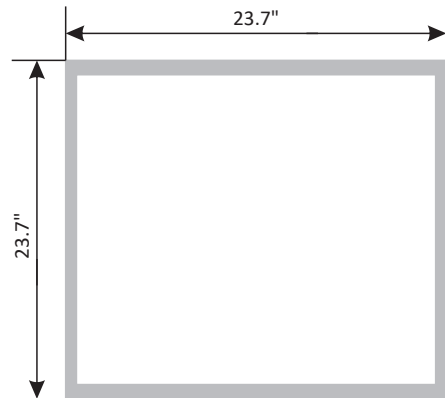
Blue Ocean's ECO LED Panel Light series is a 2' by 2' energy-efficient and aesthetically pleasing choice for new construction or replacement for traditional fluorescent troffer fixtures in drop ceilings with recessed installation, in office spaces, schools, hospitality, healthcare and other commercial and industrial application. Achieving great optical performance by combination of reflective and refractive optical components and guide plate printing high-density pixels, it produced evenly-distributed light with minimal glare and no shelter angle. Equipped with high performance LED chip allows the panels deliver high energy efficiency, accurate colour rendering, colour consistency and minimum luminous depreciation. Face frame, back panel and driver housing are all made of aluminum to act as heat sinks for high heat dissipation, enabling fixture to reach optimal performance and to prolong lifespan.



SPECIFICATION CHART

Model No.	BOL-EPL-2X2-55W-N-XX
Voltage	AC100-277V 50/60Hz
Wattage	55W
Replacement	100W T8
Lumen Output	4550-4750lm
CRI	>80
CCT	3500K 4000K 5000K
Power Factor	>0.9
Beam Angle	120°
Dimensions	L23.7" x W23.7" x H2.3"
Installation	Recessed
IC-Rated	Yes
Damp-Rated	Yes
Operating Temp.	-20~45°C

DRAWING



ORDERING INFORMATION

Series No.
BOL-EPL

Dimension
2X2=2'X2'

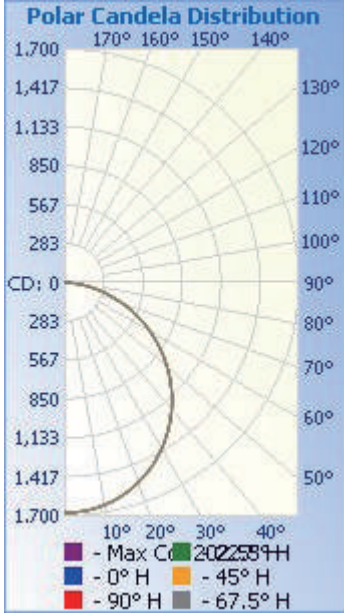
Wattage
55W=55W

Dimming
N=Non-dimmable

CCT
35=3500K
40=4000K
50=5000K

Finish
WHT=White
SIL=Silver*

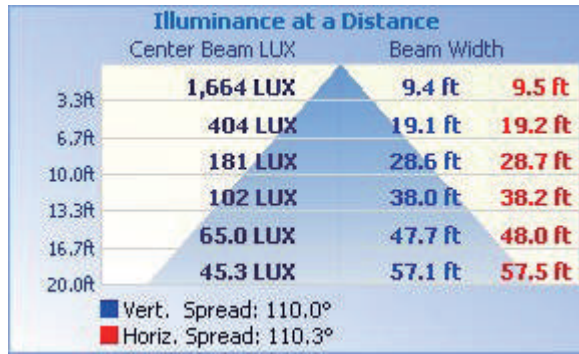
PHOTOMETRIC SPEC



BLUE OCEAN LIGHTING™

BOLEPL2X255WN

20' Mounting Height



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	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.09	1.04	1.00	.96	1.06	1.02	.98	.85	.97	.94	.91	.93	.91	.88	.90	.88	.86	.84
2	.99	.91	.84	.78	.96	.89	.82	.71	.85	.80	.75	.82	.77	.73	.79	.75	.72	.70
3	.90	.80	.71	.65	.88	.78	.70	.60	.75	.68	.63	.72	.67	.62	.70	.65	.61	.59
4	.82	.70	.62	.55	.80	.69	.61	.52	.67	.59	.54	.64	.58	.53	.62	.57	.52	.50
5	.76	.63	.54	.47	.74	.62	.53	.45	.60	.52	.46	.58	.51	.46	.56	.50	.45	.43
6	.70	.57	.48	.41	.68	.56	.47	.40	.54	.46	.41	.52	.45	.40	.51	.45	.40	.38
7	.65	.51	.43	.36	.63	.51	.42	.35	.49	.41	.36	.48	.41	.36	.46	.40	.35	.33
8	.60	.47	.38	.33	.59	.46	.38	.32	.45	.37	.32	.44	.37	.32	.42	.36	.32	.30
9	.56	.43	.35	.29	.55	.42	.35	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10	.53	.40	.32	.27	.52	.39	.32	.26	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,296.6	27.6%
0-40	2,114.1	45%
0-60	3,708.0	79%
60-90	983.2	20.9%
70-100	413.1	8.8%
90-120	0.6	0%
0-90	4,691.2	99.9%
90-180	2.7	0.1%
0-180	4,693.9	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	159.0	3.4%	90-100	0.0	0%
10-20	453.9	9.7%	100-110	0.2	0%
20-30	683.6	14.6%	110-120	0.5	0%
30-40	817.5	17.4%	120-130	0.6	0%
40-50	840.8	17.9%	130-140	0.6	0%
50-60	753.1	16.0%	140-150	0.4	0%
60-70	570.1	12.1%	150-160	0.3	0%
70-80	326.9	7.0%	160-170	0.2	0%
80-90	86.2	1.8%	170-180	0.1	0%