

LX-D-45 Retrofit Inflatable Dome Luminaire

DIRECT WITH GLASS LENS

Model Number	Lumens	Efficacy (lm/w)	Input Power (w)	CCT (k)	CRI	Weight
LX-D45-5000K-UNV-S-G1-6P	48,904	155.1	315.3	5,000	82+	23lbs
LX-D45-5000K-347-480-S-G1-6P	49,528	154.47	320.63	5,000	82+	24lbs

Zonal Lumens Summary and Percentages for LX-D45 Series

ZONE	LUMENS	% LUMINAIRE
0-30	12,509	25.58
0-40	20,762	42.46
0-60	37,871	77.44
0-90	48,550	99.28
40-90	27,788	56.82
60-90	10,678	21.84
90-180	353	0.72
0-180	48,904	100.0



Electrical Characteristics

Model Number	Input Voltage	Amperage	Input Power (w)	THD	P.F.
LX-D45-5000K-120-S-G1-6P	120	2.628	315.3	5.01	0.9971
LX-D45-5000K-208-S-G1-6P	208	1.516	315.3	5.01	0.9971
LX-D45-5000K-240-S-G1-6P	240	1.314	315.3	5.01	0.9971
LX-D45-5000K-277-S-G1-6P	277	1.138	315.3	5.01	0.9971
LX-D45-5000K-347-S-G1-6P	347	0.924	320.63	6.51	0.99460
LX-D45-5000K-480-S-G1-6P	480	0.668	320.63	6.51	0.99460

Fixture Type	Lumens	Color Temp	Voltage	Mounting Options	Fixture Options
LX- D	45	5000K		S	-
I - Indirect			120-277	S - Suspended by chain	L1 - Glass Lens
D - Direct			347-480	P - Pole Mounted (Indirect fixture only)	G1 - Wireguard

Fixture Options for Twist Lock Plug and 6ft Power Cord

6P-120 L5-20 - 120V, 20 Amp
 6P-208 L6-20 - 250V, 20 Amp
 6P-240 L6-20 - 250V, 20 Amp
 6P-277 L7-20 - 277V, 20 Amp
 6P-347 L24-20 - 347V, 20 Amp
 6P-480 L8-20 - 480V, 20 Amp

Consult factory for add-ons that can be ordered separately such as Chain Sway Tethers or Net Protectors.

*208 and 240 are extrapolated values and could vary slightly.



Luxor Lighting Inc.

220 Ramsey Drive, Dunnville, ON N1A 0A7
 Tel: 289.331.9905 Fax: 905.774.3439
www.luxorlighting.ca

LX-I-45 Retrofit Inflatable Dome Luminaire

INDIRECT WITH GLASS LENS

Model Number	Lumens	Efficacy (lm/w)	Input Power (w)	CCT (k)	CRI	Weight
LX-I45-5000K-UNV-S-L1-6P	46,227	146.0	316.6	5,000	82+	28lbs
LX-I45-5000K-347-480-S-L1-6P	46,951	145.6	322.42	5,000	82+	29lbs

Zonal Lumens Summary and Percentages for LX-I45 Series

ZONE	LUMENS	% LUMINAIRE
0-30	0	0.0
0-40	0	0.0
0-60	0	0.0
0-90	0	0.0
40-90	0	0.0
60-90	0	0.0
90-180	46,227	100.0
0-180	46,227	100.0



Electrical Characteristics

Model Number	Input Voltage	Amperage	Input Power (w)	THD	P.F.
LX-I45-5000K-120-S-L1-6P	120	2.638	316.6	5.04	0.9772
LX-I45-5000K-208-S-L1-6P	208	1.522	316.6	5.04	0.9772
LX-I45-5000K-240-S-L1-6P	240	1.319	316.6	5.04	0.9772
LX-I45-5000K-277-S-L1-6P	277	1.143	316.6	5.04	0.9772
LX-I45-5000K-347-S-L1-6P	347	0.929	322.42	6.73	0.99460
LX-I45-5000K-480-S-L1-6P	480	0.672	322.42	6.73	0.99460

Fixture Type	Lumens	Color Temp	Voltage	Mounting Options	Fixture Options
LX- ☐ I ☐ D	45	5000K	120-277	S - Suspended by chain P - Pole Mounted (Indirect fixture only)	L1- L1 - Glass Lens (required for Indirect) G1 - Wireguard

Fixture Options for Twist Lock Plug and 6ft Power Cord

6P-120	L5-20	- 120V, 20 Amp
6P-208	L6-20	- 250V, 20 Amp
6P-240	L6-20	- 250V, 20 Amp
6P-277	L7-20	- 277V, 20 Amp
6P-347	L24-20	- 347V, 20 Amp
6P-480	L8-20	- 480V, 20 Amp

Consult factory for add-ons that can be ordered separately such as Chain Sway Tethers or Net Protectors.

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