

Photometrics Pro

Luminaire Photometric Report

Filename: LBeX64C

Manufacturer: INFINILUX - LED GARAGE LUMINAIRE

Luminaire: WITH WHITE INTERIOR

Luminaire Cat: LBeX64C

Lamp: 64 LEDS WITH INDIVIDUAL LENSES. LUMINAIRE OUTPUT = 6050 LMS

Lamp Output: 1 lamp(s), rated Lumens/lamp: 6051.084

Max Candela: 2,932.6 at Horizontal: 45°, Vertical: 67.5°

Input Wattage: 75

Luminous Opening: Rectangle (L: 0.69ft, W: 0.69ft)

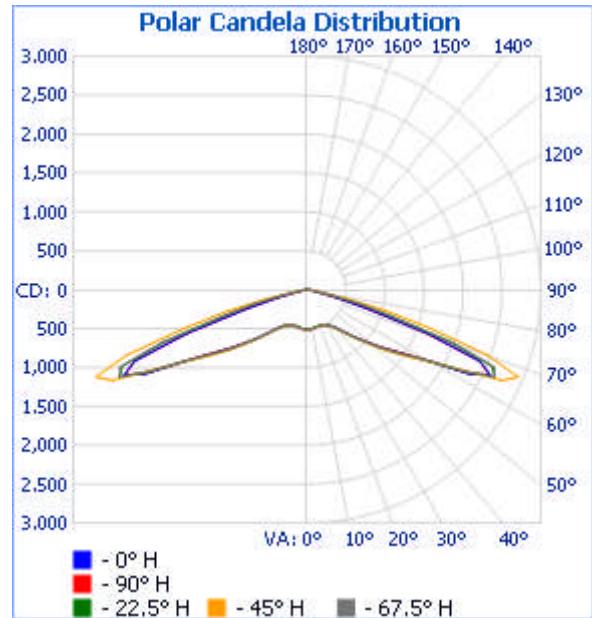
Test: 29665

Test Lab: LIGHTING SCIENCES, INC.

Photometry : Type C

CIE Class: Direct

Cutoff Class: Full Cutoff



Flood Summary

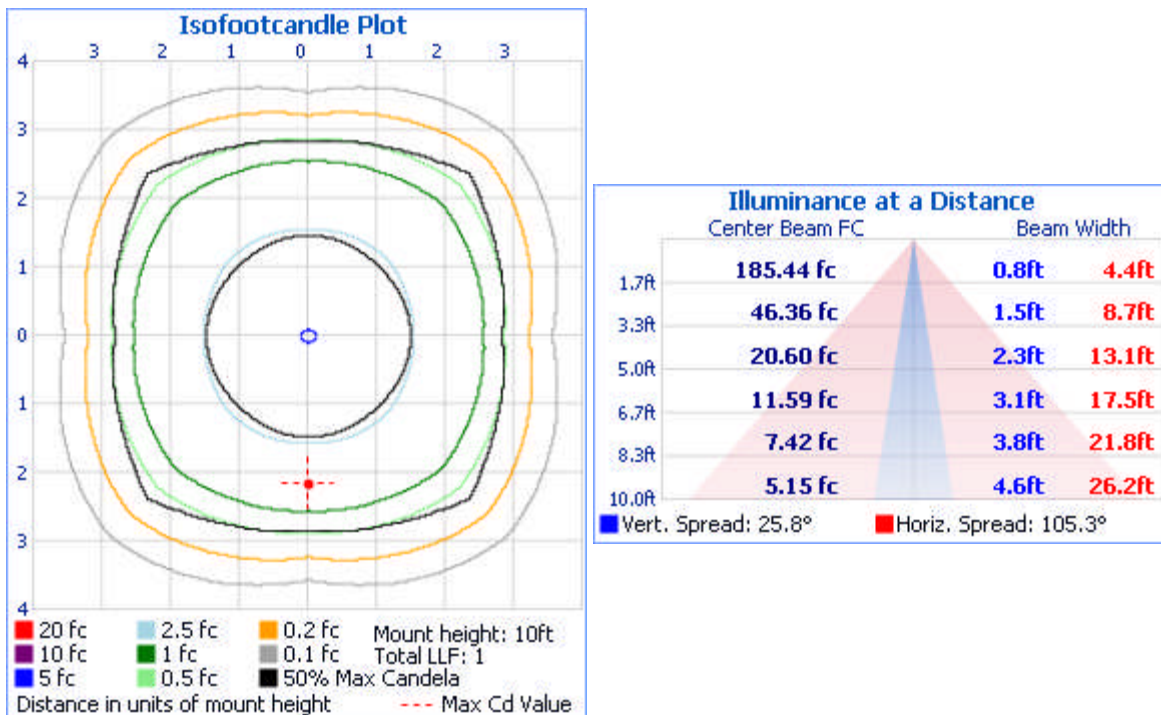
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	98.5%	5,961.6	130	151.2
Beam (50%):	55.5%	3,360.8	105.3	25.8
Total:	100%	6,048.2		

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	420.6	7%
0-40	798.7	13.2%
0-60	2,785.8	46%
60-90	3,265.3	54%
70-100	905.2	15%
90-120	0	0%
0-90	6,051.1	100%
90-180	0	0%
0-180	6,051.1	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	48.3	0.8%	90-100	0	0%
10-20	139.5	2.3%	100-110	0	0%
20-30	232.8	3.8%	110-120	0	0%
30-40	378.1	6.2%	120-130	0	0%
40-50	687.5	11.4%	130-140	0	0%
50-60	1,299.7	21.5%	140-150	0	0%
60-70	2,360.0	39.0%	150-160	0	0%
70-80	861.3	14.2%	160-170	0	0%
80-90	43.9	0.7%	170-180	0	0%



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	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	1.00	1.06	1.06	1.06	1.00	1.02	1.02	1.02	1.00	1.02	1.02	1.02	1.00
1	1.05	.99	.93	.88	1.02	.96	.91	.77	.92	.87	.83	.77	.88	.84	.81	.77	.84	.81	.78	.76	.84	.81	.78	.76
2	.91	.80	.71	.63	.88	.78	.69	.57	.74	.67	.60	.57	.70	.64	.59	.57	.67	.62	.58	.55	.67	.62	.58	.55
3	.80	.66	.55	.46	.77	.64	.54	.42	.60	.52	.44	.42	.57	.50	.44	.44	.55	.48	.43	.40	.55	.48	.43	.40
4	.70	.55	.43	.34	.68	.53	.42	.32	.50	.41	.33	.32	.48	.40	.33	.33	.45	.38	.32	.30	.45	.38	.32	.30
5	.63	.47	.35	.27	.61	.45	.34	.25	.43	.33	.26	.26	.41	.32	.26	.26	.39	.31	.25	.22	.39	.31	.25	.22
6	.57	.40	.29	.21	.55	.39	.29	.20	.37	.28	.21	.21	.35	.27	.20	.20	.34	.26	.20	.18	.34	.26	.20	.18
7	.52	.35	.25	.17	.50	.35	.24	.16	.33	.24	.17	.17	.31	.23	.17	.17	.30	.22	.16	.14	.30	.22	.16	.14
8	.48	.32	.21	.14	.46	.31	.21	.14	.29	.20	.14	.14	.28	.20	.14	.14	.27	.19	.14	.12	.27	.19	.14	.12
9	.44	.29	.19	.12	.43	.28	.19	.12	.27	.18	.12	.12	.25	.18	.12	.12	.24	.17	.12	.10	.24	.17	.12	.10
10	.41	.26	.17	.11	.40	.25	.17	.10	.24	.16	.10	.10	.23	.16	.10	.10	.22	.15	.10	.08	.22	.15	.10	.08

Luminaire Report Summary

IESNA:LM-63-2002
 [TEST]29665
 [TESTLAB]LIGHTING SCIENCES, INC.
 [ISSUEDATE]10/ 4/2011
 [MANUFAC]INFINILUX - LED GARAGE LUMINAIRE
 [LUMCAT]LBeX64C
 [LUMINAIRE]WITH WHITE INTERIOR
 [LAMP]64 LEDS WITH INDIVIDUAL LENSES. LUMINAIRE OUTPUT = 6050 LMS

[OTHER]LUMINAIRE OPERATING AT 277 VAC AND 75.0 WATTS

FILE: CREATED USING ABSOLUTE PHOTOMETRY
 FILE: CANDELA MULTIPLIER: 1
 FILE: VERTICAL ANGLES: 37, HORIZONTAL ANGLES: 5
 FILE: COORDINATE SYSTEM: TYPE C
 FILE: UNIT OF MEASURE: STANDARD
 FILE: BALLAST FACTOR: 1

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