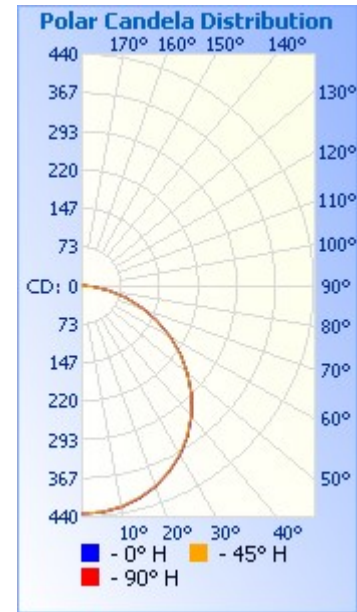


# Photometrics Pro

## Luminaire Photometric Report

- [Evaluation Version]

**Filename:** RDL-12-22-120D-WH  
**Manufacturer:** Globalux Lighting  
**Luminaire:** RDL-12-22-120D-WH  
**Lamp Output:** 1 lamp, rated Lumens/lamp: 1249.8  
**Max Candela:** 431.6 at Horizontal: 0°, Vertical: 0°  
**Input Wattage:** 17.68  
**Luminous Opening:** Circular (Dia: 9.84")  
**Test:** LCZP19060109  
**Test Date:** 2019/7/5  
**Test Lab:** LCTECH  
**Photometry :** Type C  
**CIE Class:** Direct  
**Cutoff Class:** Cutoff  
**Nema Type:** 7 X 7

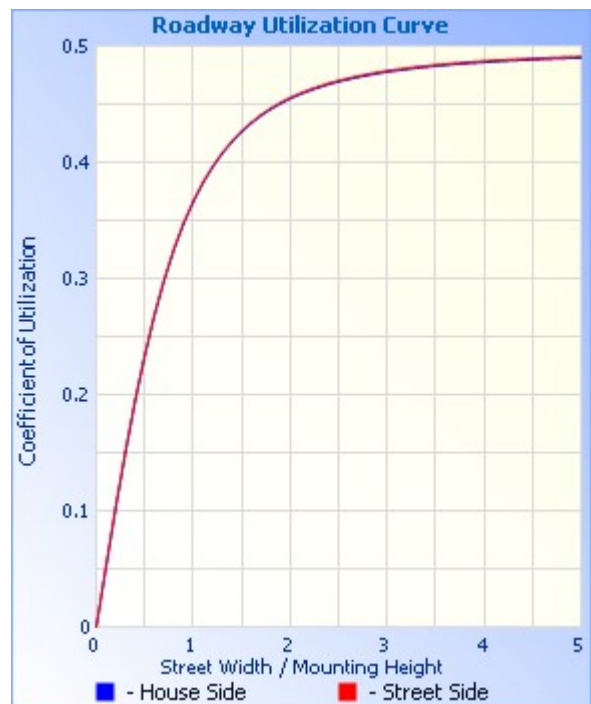


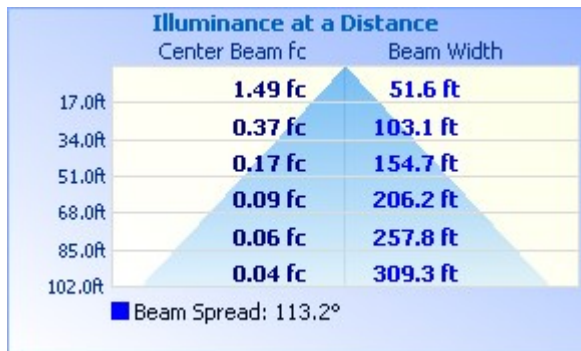
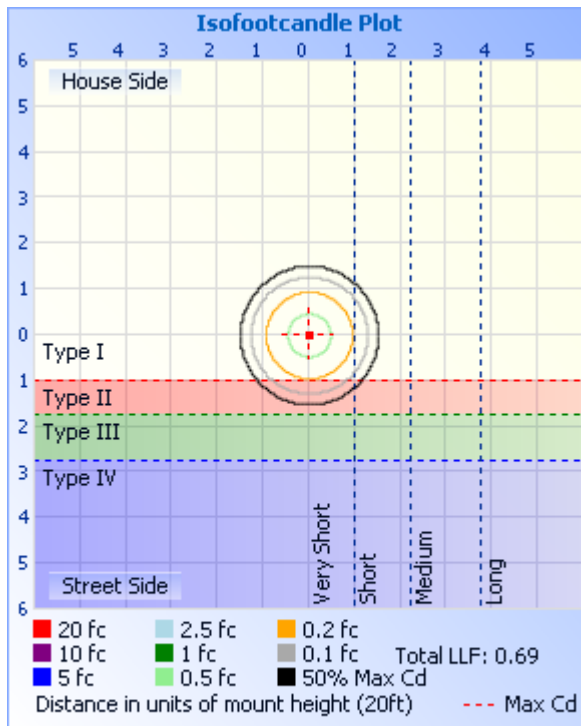
### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	336.8	26.9%	27%
0-40	553.0	44.2%	44.3%
0-60	979.4	78.4%	78.5%
60-90	264.3	21.1%	21.2%
70-100	112.6	9%	9%
90-120	2.0	0.2%	0.2%
0-90	1,243.6	99.5%	99.6%
90-180	4.8	0.4%	0.4%
0-180	1,248.4	99.9%	100%

### Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	40.8	3.3%	90-100	0.8	0.1%
10-20	117.3	9.4%	100-110	0.6	0%
20-30	178.6	14.3%	110-120	0.6	0%
30-40	216.2	17.3%	120-130	0.6	0%
40-50	224.5	18.0%	130-140	0.4	0%
50-60	201.9	16.2%	140-150	0.5	0%
60-70	152.4	12.2%	150-160	0.6	0%
70-80	87.2	7.0%	160-170	0.5	0%
80-90	24.6	2.0%	170-180	0.2	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	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	1.08	1.04	.99	.95	1.06	1.01	.97	.84	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2	.99	.90	.83	.78	.96	.88	.82	.70	.85	.79	.75	.81	.77	.73	.78	.75	.71	.69
3	.90	.79	.71	.64	.87	.78	.70	.60	.74	.68	.63	.72	.66	.61	.69	.64	.60	.58
4	.82	.70	.61	.54	.80	.69	.60	.51	.66	.59	.53	.64	.58	.52	.62	.56	.52	.50
5	.75	.63	.53	.47	.73	.61	.53	.45	.59	.52	.46	.57	.51	.45	.55	.50	.45	.43
6	.70	.56	.47	.41	.68	.55	.47	.39	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7	.65	.51	.42	.36	.63	.50	.42	.35	.49	.41	.36	.47	.40	.35	.46	.40	.35	.33
8	.60	.46	.38	.32	.58	.46	.38	.31	.44	.37	.32	.43	.36	.32	.42	.36	.31	.29
9	.56	.43	.34	.29	.55	.42	.34	.28	.41	.34	.29	.40	.33	.28	.39	.33	.28	.26
10	.53	.39	.31	.26	.51	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24

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**Candela Table - Type C**

	0	15	30	45	60	75	90
0	432	432	432	432	432	432	432
5	430	429	430	430	430	430	431
10	425	424	424	424	424	425	426
15	416	416	416	415	416	416	417
20	404	403	404	404	404	404	405
25	388	388	388	388	388	388	389
30	369	369	369	368	369	369	370
35	347	346	346	346	346	346	347
40	321	321	320	320	320	320	321
45	292	292	292	291	291	292	293
50	260	260	260	260	260	260	260
55	227	227	226	226	226	226	227
60	192	191	191	191	190	190	192
65	155	155	154	154	154	154	153
70	118	118	118	117	117	117	118
75	84	83	82	82	82	81	81
80	50	50	49	49	49	48	48
85	20	20	20	20	20	20	20
90	1	1	1	1	1	2	3
95	0	1	1	1	1	1	1
100	1	1	1	1	1	0	1
105	1	0	1	1	1	1	0
110	0	1	1	0	1	1	1
115	1	1	1	1	1	1	1
120	1	1	1	1	1	1	1
125	1	1	1	1	1	1	1
130	1	1	1	1	1	1	1
135	1	1	1	1	1	1	1
140	1	1	1	1	1	1	1
145	1	1	1	1	1	1	1
150	1	1	1	1	1	1	1
155	1	1	1	1	1	1	1
160	2	2	2	2	2	2	2
165	2	2	2	2	2	2	2
170	2	2	2	2	2	2	2
175	2	2	2	2	2	2	2
180	3	3	3	3	3	3	3

**Photometrics Pro - Evaluation Version****Luminaire Report Summary**

IESNA:LM-63-2002  
[TEST] LCZP19060109  
[TESTLAB] LCTECH  
[TESTDATE] 2019/7/5  
[ISSUE DATE] 2019/7/5  
[MANUFAC] Globalux Lighting  
[LUMCAT]  
[LUMINAIRE] RDL-12-22-120D-WH  
[LAMPCAT]  
[LAMP]  
FILE: CANDELA MULTIPLIER: 1  
FILE: VERTICAL ANGLES: 37, HORIZONTAL ANGLES: 7  
FILE: COORDINATE SYSTEM: TYPE C  
FILE: UNIT OF MEASURE: METRIC  
FILE: BALLAST FACTOR: 1

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Reported data calculated from manufacturer's data file, based on IES recommended methods.