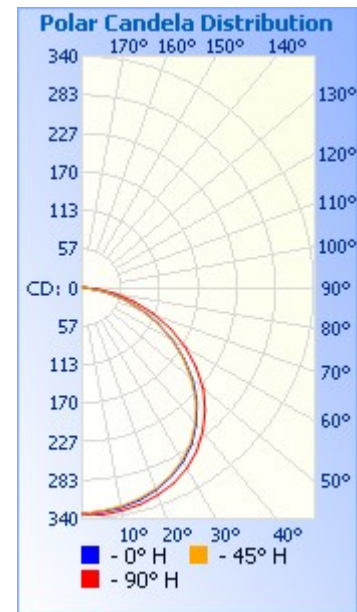


# Photometrics Pro

## Luminaire Photometric Report

- [Evaluation Version]

- Filename:** RDL-7-15-120D-WH IES File
- Manufacturer:** Globalux Lighting
- Luminaire:** RDL-7-15-120D-WH
- Lamp Output:** 1 lamp, rated Lumens/lamp: 1037.9
- Max Candela:** 333.5 at Horizontal: 90°, Vertical: 5°
- Input Wattage:** 14.768
- Luminous Opening:** Point
- Photometry :** Type C
- CIE Class:** Direct
- Cutoff Class:** Cutoff
- Nema Type:** 7 X 7

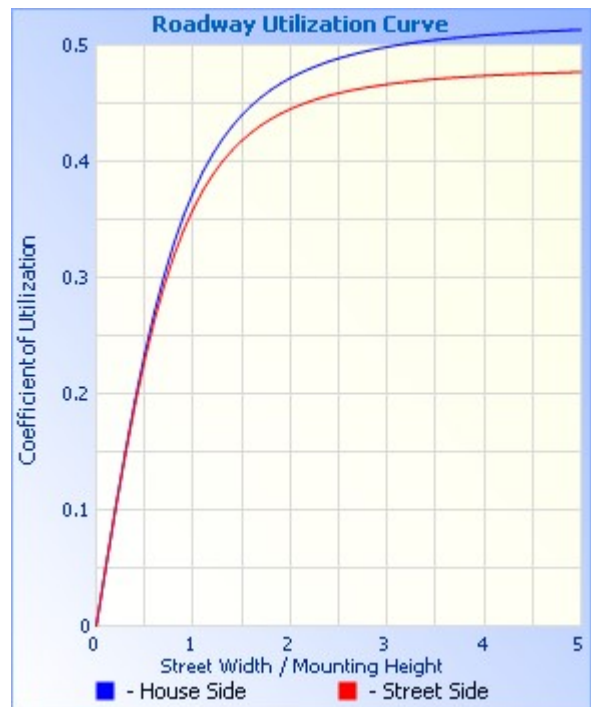


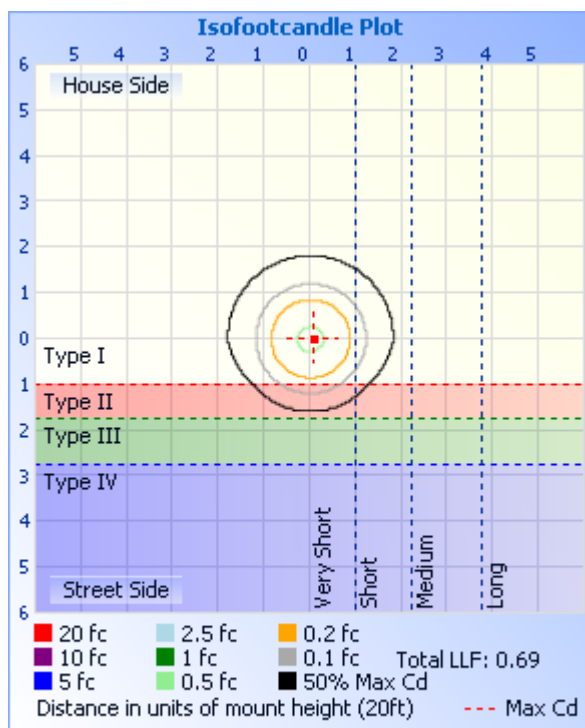
### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	266.3	25.7%	25.7%
0-40	444.5	42.8%	42.9%
0-60	806.5	77.7%	77.8%
60-90	227.7	21.9%	22%
70-100	96.7	9.3%	9.3%
90-120	1.1	0.1%	0.1%
0-90	1,034.2	99.6%	99.7%
90-180	2.7	0.3%	0.3%
0-180	1,036.9	99.9%	100%

### Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	31.5	3.0%	90-100	0.5	0.1%
10-20	91.7	8.8%	100-110	0.2	0%
20-30	143.1	13.8%	110-120	0.3	0%
30-40	178.2	17.2%	120-130	0.4	0%
40-50	189.3	18.3%	130-140	0.4	0%
50-60	172.7	16.7%	140-150	0.4	0%
60-70	131.5	12.7%	150-160	0.3	0%
70-80	75.2	7.3%	160-170	0.2	0%
80-90	21.0	2.0%	170-180	0.1	0%





**Illuminance at a Distance**

Distance (ft)	Center Beam Fc	Beam Width
17.0ft	1.14 fc	57.2 ft
34.0ft	0.29 fc	114.4 ft
51.0ft	0.13 fc	171.6 ft
68.0ft	0.07 fc	228.8 ft
85.0ft	0.05 fc	286.1 ft
102.0ft	0.03 fc	343.3 ft

Vert. Spread: 118.6°  
Horiz. Spread: 119.6°

**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	1.03	.99	.95	1.06	1.01	.97	.84	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2	.98	.90	.83	.77	.96	.88	.81	.70	.84	.79	.74	.81	.76	.72	.78	.74	.71	.69
3	.89	.79	.70	.64	.87	.77	.69	.59	.74	.67	.62	.71	.65	.61	.69	.64	.60	.57
4	.82	.69	.60	.54	.79	.68	.60	.51	.66	.58	.52	.63	.57	.52	.61	.55	.51	.49
5	.75	.62	.53	.46	.73	.61	.52	.44	.59	.51	.45	.57	.50	.45	.55	.49	.44	.42
6	.69	.56	.46	.40	.67	.55	.46	.38	.53	.45	.39	.51	.44	.39	.49	.43	.39	.36
7	.64	.50	.41	.35	.62	.49	.41	.34	.48	.40	.35	.46	.40	.34	.45	.39	.34	.32
8	.60	.46	.37	.31	.58	.45	.37	.30	.44	.36	.31	.42	.36	.31	.41	.35	.30	.29
9	.56	.42	.34	.28	.54	.41	.33	.27	.40	.33	.28	.39	.32	.28	.38	.32	.27	.26
10	.52	.39	.31	.25	.51	.38	.30	.25	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23

**Photometrics Pro - Evaluation Version**

**Candela Table - Type C**

	0	45	90	135	180	225	270	315	360
0	331	331	331	331	331	331	331	331	331
5	329	328	333	330	330	329	333	331	329
10	327	325	331	329	328	327	331	329	327
15	322	319	328	326	326	324	327	324	322
20	315	313	323	321	321	319	321	318	315
25	305	304	316	314	313	312	311	309	305
30	294	291	305	304	304	302	299	297	294
35	279	276	291	291	291	289	284	282	279
40	259	257	274	276	275	273	265	262	259
45	237	234	254	255	254	252	242	239	237
50	210	208	231	232	231	229	216	213	210
55	181	180	203	205	204	203	188	184	181
60	151	151	174	175	175	175	157	154	151
65	121	120	142	144	144	145	125	123	121
70	90	89	110	113	114	113	93	90	90
75	60	60	78	81	82	81	64	60	60
80	33	33	49	51	52	52	35	33	33
85	9	9	22	23	25	26	11	9	9
90	0	0	1	3	3	3	0	0	0
95	0	0	0	0	0	0	0	0	0
100	0	1	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	1	0
110	1	1	0	0	0	0	0	0	1
115	0	1	0	0	0	0	0	1	0
120	1	1	0	0	0	0	0	0	1
125	1	1	0	0	0	0	0	0	1
130	1	1	0	0	0	0	1	1	1
135	1	1	0	0	0	0	1	1	1
140	1	1	0	0	0	0	0	1	1
145	1	1	1	0	1	1	0	1	1
150	1	1	1	0	1	1	1	1	1
155	1	1	1	0	1	0	1	1	1
160	1	1	1	0	1	1	0	1	1
165	1	1	1	1	0	1	0	1	1
170	1	1	0	1	1	1	0	1	1
175	1	1	1	1	1	1	0	1	1
180	1	1	1	1	1	1	1	1	1

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

IESNA:LM-63-1995  
[TEST]  
[DATE]  
[MANUFAC] Globalux Lighting  
[LUMCAT]  
[LUMINAIRE] RDL-7-15-120D-WH  
[LAMPCAT]  
[LAMP]  
FILE: CANDELA MULTIPLIER: 1  
FILE: VERTICAL ANGLES: 37, HORIZONTAL ANGLES: 9  
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.