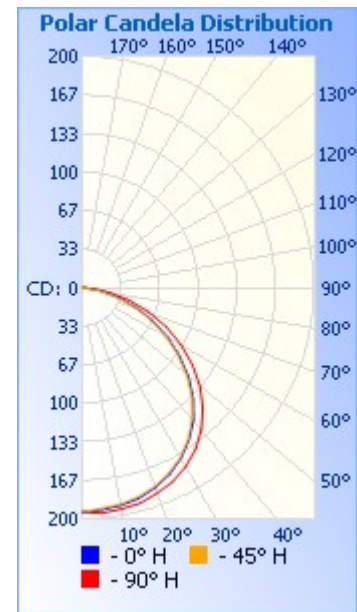


Photometrics Pro

Luminaire Photometric Report

- [Evaluation Version]

- Filename:** RDL-5-10-120D-WH
- Manufacturer:** Globalux lighting
- Luminaire:** RDL-5-10-120D-WH
- Lamp Output:** 1 lamp, rated Lumens/lamp: 598.1
- Max Candela:** 194.8 at Horizontal: 90°, Vertical: 5°
- Input Wattage:** 9.909
- Luminous Opening:** Point
- Photometry :** Type C
- CIE Class:** Direct
- Cutoff Class:** Cutoff
- Nema Type:** 7 X 7

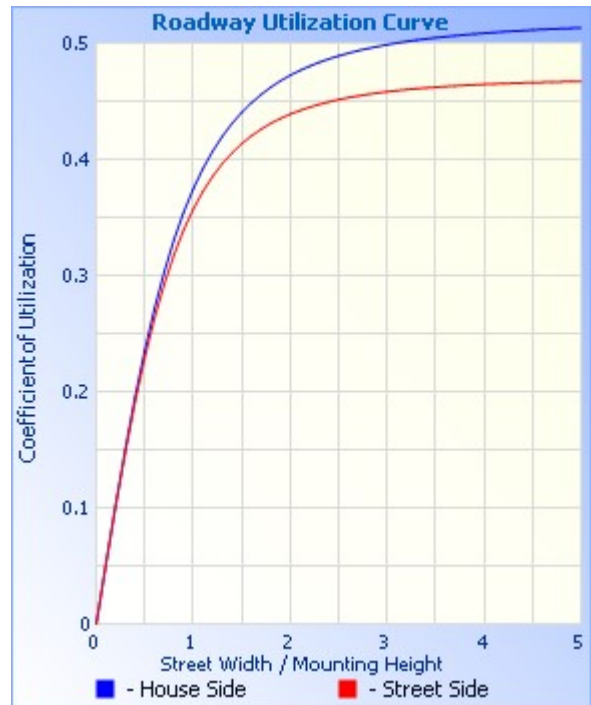


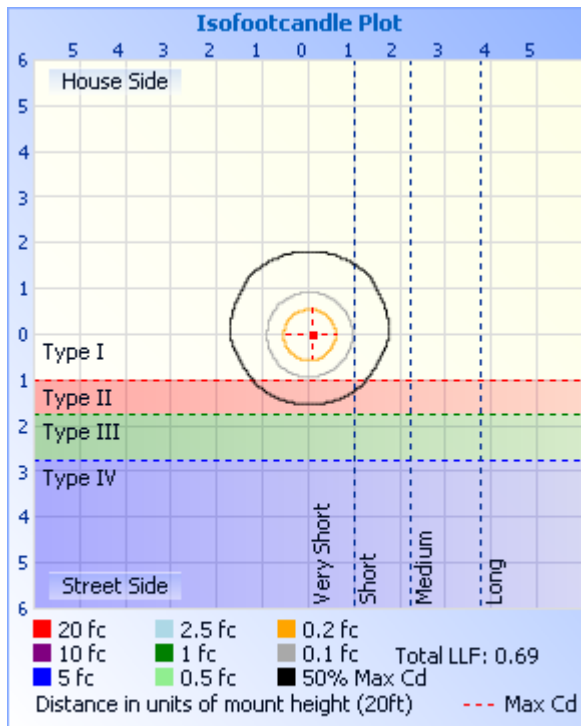
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	155.2	26%	26%
0-40	258.7	43.3%	43.3%
0-60	467.5	78.2%	78.2%
60-90	127.9	21.4%	21.4%
70-100	53.5	9%	9%
90-120	0.8	0.1%	0.1%
0-90	595.4	99.5%	99.6%
90-180	2.1	0.4%	0.4%
0-180	597.5	99.9%	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	18.4	3.1%	90-100	0.4	0.1%
10-20	53.5	9.0%	100-110	0.2	0%
20-30	83.3	13.9%	110-120	0.3	0%
30-40	103.5	17.3%	120-130	0.3	0%
40-50	109.5	18.3%	130-140	0.3	0.1%
50-60	99.3	16.6%	140-150	0.3	0%
60-70	74.7	12.5%	150-160	0.2	0%
70-80	42.0	7.0%	160-170	0.1	0%
80-90	11.2	1.9%	170-180	0.0	0%





Illuminance at a Distance

Distance (ft)	Center Beam Fc	Beam Width
17.0ft	0.67 fc	55.8 ft 57.4 ft
34.0ft	0.17 fc	111.6 ft 114.8 ft
51.0ft	0.07 fc	167.4 ft 172.1 ft
68.0ft	0.04 fc	223.2 ft 229.5 ft
85.0ft	0.03 fc	279.0 ft 286.9 ft
102.0ft	0.02 fc	334.8 ft 344.3 ft

Vert. Spread: 117.3°
 Horiz. Spread: 118.7°

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	.98	.90	.83	.77	.96	.88	.82	.70	.84	.79	.75	.81	.77	.73	.78	.74	.71	.69
3	.90	.79	.71	.64	.87	.77	.70	.59	.74	.68	.62	.71	.66	.61	.69	.64	.60	.58
4	.82	.70	.61	.54	.80	.68	.60	.51	.66	.59	.53	.63	.57	.52	.61	.56	.51	.49
5	.75	.62	.53	.46	.73	.61	.52	.44	.59	.51	.45	.57	.50	.45	.55	.49	.44	.42
6	.69	.56	.47	.40	.67	.55	.46	.39	.53	.45	.40	.51	.44	.39	.50	.44	.39	.37
7	.64	.51	.42	.35	.62	.50	.41	.34	.48	.40	.35	.47	.40	.35	.45	.39	.34	.32
8	.60	.46	.37	.31	.58	.45	.37	.31	.44	.36	.31	.43	.36	.31	.41	.35	.31	.29
9	.56	.42	.34	.28	.54	.42	.34	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26
10	.52	.39	.31	.26	.51	.38	.31	.25	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23

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Candela Table - Type C

	0	45	90	135	180	225	270	315	360
0	193	193	193	193	193	193	193	193	193
5	192	191	195	194	192	192	195	193	192
10	190	189	194	192	191	191	193	192	190
15	188	186	192	191	189	189	191	190	188
20	183	182	188	187	186	186	188	185	183
25	177	176	184	183	182	182	183	180	177
30	170	169	178	177	177	176	176	172	170
35	160	159	170	169	169	170	167	163	160
40	149	147	159	159	160	160	156	152	149
45	135	133	146	148	148	148	142	138	135
50	119	117	132	133	134	134	127	123	119
55	102	100	115	118	120	120	110	107	102
60	84	82	98	100	103	103	92	88	84
65	66	64	80	82	84	85	73	70	66
70	48	46	60	63	66	66	55	52	48
75	31	30	42	45	48	48	38	35	31
80	15	14	24	28	31	31	21	19	15
85	3	2	10	13	15	16	6	5	3
90	0	0	0	1	2	3	0	0	0
95	0	1	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0	0	0
115	1	0	0	0	0	0	0	0	1
120	1	0	0	0	0	0	0	0	1
125	1	0	0	0	0	0	0	0	1
130	1	0	0	0	0	0	0	0	1
135	1	1	0	0	0	0	0	1	1
140	1	1	0	0	0	0	0	1	1
145	0	1	0	0	0	1	0	1	0
150	1	1	0	0	0	0	0	0	1
155	1	1	0	0	0	0	0	0	1
160	1	1	0	1	0	0	0	1	1
165	1	1	0	0	1	1	0	0	1
170	1	1	1	0	1	0	0	0	1
175	1	1	0	0	1	0	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-5-10-120D-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.