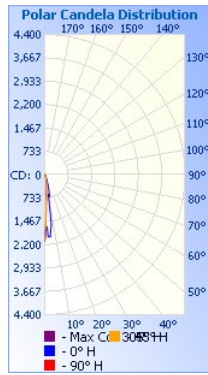


Photometrics Pro

Luminaire Photometric Report

- [Evaluation Version]

Filename: DOE-HO IES File
Manufacturer: Globalux Lighting LLC
Luminaire: Emergency Lighting Unit
Luminaire Cat: DOE-HO
Lamp Output: 1 lamp, rated Lumens/lamp: 278.8
Max Candela: 4,340.9 at Horizontal: 305°, Vertical: 7.5°
Input Wattage: 1
Luminous Opening: Circular (Dia: 1.97")
Test Date: 2017-04-28
Photometry : Type B
Nema Type: 2 X 2



Roadway Summary

Cutoff Classification:	CUTOFF	
Distribution:	TYPE I, VERY SHORT	
Max Cd, 90 Deg Vert:	1.3	
Max Cd, 80 to <90 Deg:	3.1	
	Lumens % Lamp	
Downward Street Side:	196.2	70.4%
Downward House Side:	83.7	30%
Downward Total:	279.9	100.4%
Total Lumens:	279.9	100.4%

Flood Summary

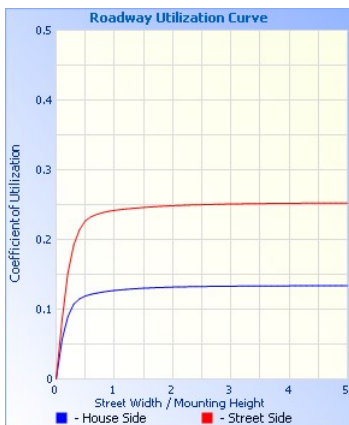
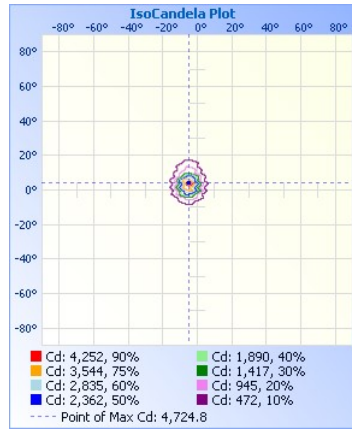
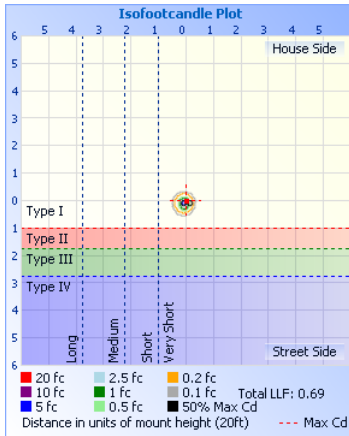
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	64.4%	179.7	20.2	25.6
Beam (50%):	28.5%	79.5	9.6	10.7
Total:	99.9%	278.6		

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	258.2	92.6%	92.5%
0-40	266.3	95.5%	95.4%
0-60	272.9	97.9%	97.8%
60-90	6.2	2.2%	2.2%
0-90	279.1	100.1%	100%

Lumens Per Zone

Zone	Lumens	% Total
0-10	128.3	46.0%
10-20	99.8	35.7%
20-30	30.1	10.8%
30-40	8.1	2.9%
40-50	3.5	1.3%
50-60	3.0	1.1%
60-70	3.0	1.1%
70-80	2.2	0.8%
80-90	1.1	0.4%



Illuminance at a Distance

	Center Beam fc	Beam Width
17.0ft	7.26 fc	3.2 ft 2.8 ft
34.0ft	1.81 fc	6.4 ft 5.7 ft
51.0ft	0.81 fc	9.6 ft 8.5 ft
68.0ft	0.45 fc	12.7 ft 11.4 ft
85.0ft	0.29 fc	15.9 ft 14.2 ft
102.0ft	0.20 fc	19.1 ft 17.0 ft

Vert. Spread: 10.7°
 Horiz. Spread: 9.6°

Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50				30				10				0			
RW %:	Z0	50	30	0	Z0	50	30	0	50	30	20	0	50	30	20	0	50	30	20	0	0	0	0	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	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.02	1.02	1.00	1.00	1.00	1.00
1	1.15	1.13	1.11	1.09	1.13	1.11	1.09	.97	1.07	1.05	1.04	1.03	1.02	1.01	1.01	1.00	.99	.98	.98	.96	.96	.96	.96	.96
2	1.11	1.07	1.04	1.02	1.09	1.06	1.03	.94	1.03	1.00	.99	1.00	.98	.96	.96	.97	.96	.94	.94	.93	.93	.93	.91	.90
3	1.08	1.03	.99	.96	1.06	1.02	.98	.91	.99	.96	.94	.97	.95	.93	.93	.95	.93	.91	.91	.89	.88	.88	.88	.88
4	1.05	.99	.95	.92	1.03	.98	.95	.88	.96	.93	.91	.94	.92	.90	.90	.93	.91	.89	.89	.88	.85	.85	.85	.85
5	1.02	.96	.92	.89	1.00	.95	.91	.86	.93	.90	.88	.92	.89	.87	.87	.91	.88	.86	.86	.84	.83	.83	.83	.83
6	.99	.93	.89	.86	.98	.92	.88	.84	.91	.88	.85	.90	.87	.85	.85	.89	.86	.84	.84	.83	.81	.81	.81	.81
7	.97	.90	.86	.84	.96	.90	.86	.82	.89	.85	.83	.88	.85	.83	.83	.87	.84	.82	.82	.81	.79	.79	.79	.79
8	.94	.88	.84	.81	.93	.88	.84	.80	.87	.83	.81	.86	.83	.81	.81	.85	.82	.80	.80	.79	.78	.78	.78	.78
9	.92	.86	.82	.79	.91	.85	.82	.78	.85	.81	.79	.84	.81	.79	.79	.83	.81	.79	.79	.78	.76	.76	.76	.76
10	.90	.84	.80	.78	.89	.84	.80	.77	.83	.80	.77	.82	.79	.77	.77	.82	.79	.77	.77	.76	.76	.76	.76	.76

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

[TESTDATE] 2017-04-28
[ISSUEDATE] 2017-04-28 11:40:39
[LAMPPOSITION] 0,0
[OTHER] DOE
[MANUFAC] Globalux Lighting LLC
[LUMINAIRE] Emergency Lighting Unit
[LUMCAT] DOE-HO
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 91, HORIZONTAL ANGLES: 181
FILE: COORDINATE SYSTEM: TYPE B
FILE: UNIT OF MEASURE: METRIC
FILE: BALLAST FACTOR: 1

Photometrics Pro 1.3.29 - (Evaluation Version) copyright 2003-2022 by JSolutions, Inc.
Reported data calculated from manufacturer's data file, based on IES recommended methods.