

Photometric Report

CATALOG NUMBER: EGF-EC-100W

Monday, October 12, 2009

FILENAME: EGF-EC-100W.IES

EGF-EC-100W
IESNA:LM-63-2001
[MANUFAC] FULL SPECTRUM SOLUTIONS - JACKSON, MI, USA
[LUMINAIRE]100W GARAGE
[LUMCAT] EGF-EC-100W
[LAMP] 1; 100W INDUCTION
[LAMPCAT] INDUCTION
[OTHER] HOUSING: CAST BALLAST HOUSING ACRYLIC LENS
[MORE] REFL: ANODIZED ALUM
[MORE] LENS: PRISMATIC ACRYLIC

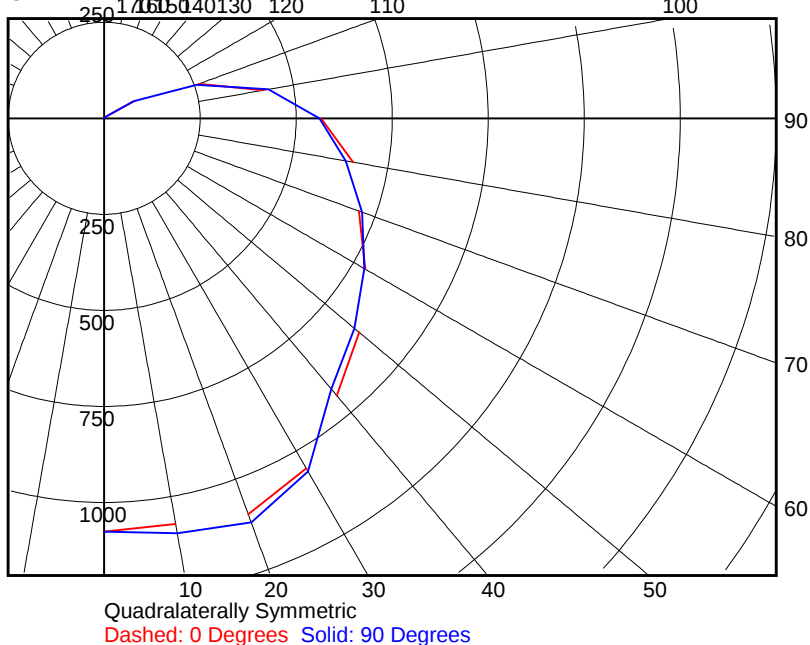
SUMMARY DATA

EFFICIENCY (Total): 73.6 %
EFFICIENCY (Downlight): 61.3 %
EFFICIENCY (Uplight): 12.3 %
CIE CLASSIFICATION: SEMI-DIRECT
SPACING CRITERION (0-Deg.): 1.43
SPACING CRITERION (90-Deg.): 1.43
LUMENS/LAMP: 8400
NO. OF LAMPS: 1
LUMINOUS OPENING: RECTANGULAR
Width: 0.32 (Meters)
Length: 0.32
Height: 0.25
INPUT WATTS: 110

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0 - 30	929.3	11.1	15.0
0 - 40	1580.7	18.8	25.6
0 - 60	3042.8	36.2	49.2
60 - 90	2105.2	25.1	34.0
0 - 90	5148.0	61.3	83.2
90 - 180	1037.1	12.3	16.8
0 - 180	6185.1	73.6	100.0

CANDELA PLOT



AVERAGE LUMINANCE

(Candelas / Square Meter)

Angle	0	45	90
0	10508	10508	10508

COEFFICIENT OF UTILIZATION TABLE

Effective Floor Cavity Reflectance = 20%

Pcc ...	80				70				50			30			10			0
Pw ...	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	.85	.85	.85	.85	.81	.81	.81	.81	.75	.75	.75	.69	.69	.69	.64	.64	.64	.61
1	.74	.69	.65	.61	.70	.66	.62	.58	.60	.57	.54	.55	.53	.50	.51	.49	.47	.44
2	.66	.58	.52	.47	.63	.56	.50	.45	.51	.46	.42	.47	.43	.40	.43	.40	.37	.34
3	.59	.50	.43	.38	.56	.48	.42	.36	.44	.39	.34	.40	.36	.32	.37	.33	.30	.28
4	.54	.44	.37	.31	.51	.42	.35	.30	.39	.33	.28	.35	.31	.27	.32	.28	.25	.23
5	.49	.39	.32	.26	.47	.37	.31	.26	.34	.29	.24	.32	.27	.23	.29	.25	.21	.19
6	.45	.35	.28	.23	.43	.33	.27	.22	.31	.25	.21	.28	.23	.20	.26	.22	.18	.17
7	.42	.31	.24	.20	.40	.30	.24	.19	.28	.22	.18	.26	.21	.17	.24	.19	.16	.14
8	.39	.28	.22	.17	.37	.27	.21	.17	.25	.20	.16	.23	.19	.15	.22	.17	.14	.13
9	.36	.26	.20	.15	.35	.25	.19	.15	.23	.18	.14	.22	.17	.14	.20	.16	.13	.11
10	.34	.24	.18	.14	.32	.23	.17	.13	.21	.16	.13	.20	.15	.12	.19	.14	.12	.10

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

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CANDELA TABLE

Vertical Angle	Horizontal Angles		
	0	45	90
0	1076	1076	1076
10	1073	1099	1097
20	1097	1127	1120
30	1053	1133	1062
40	942	1040	920
50	867	898	851
60	785	774	782
70	706	695	715
80	659	648	639
90	564	549	561
100	421	392	434
110	263	190	256
120	92	27	89
130	9	0	9
140	0	0	0
150	0	0	0
160	0	0	0
170	0	0	0
180	0	0	0

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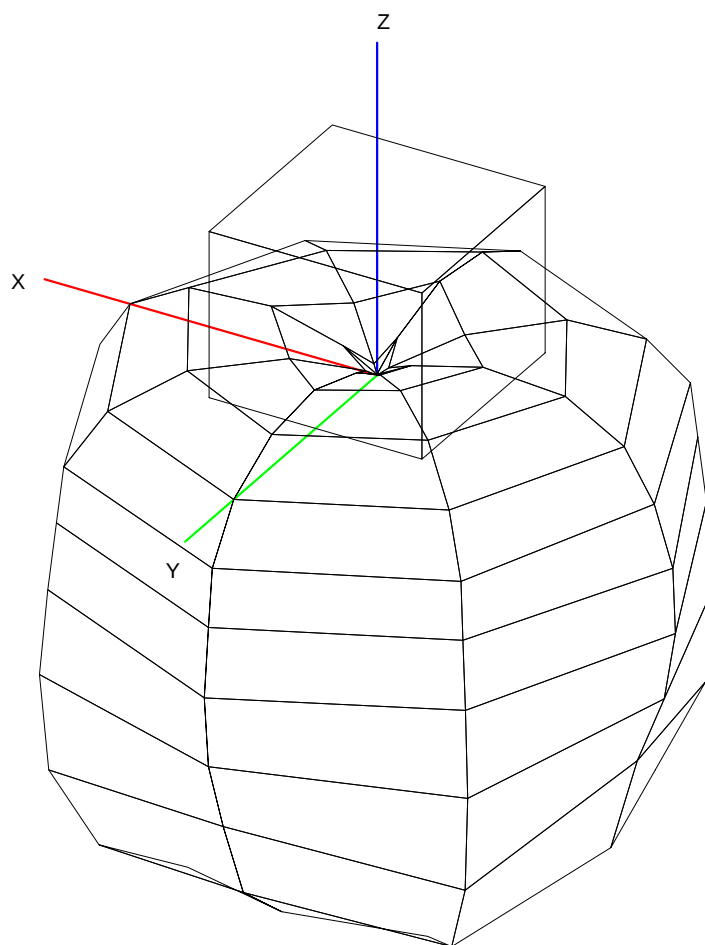
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