

Photometric Report

CATALOG NUMBER: EGF-EC-40W

Wednesday, July 01, 2009

FILENAME: EGF-EC-40W.IES

EGF-EC-40W
IESNA:LM-63-2001
[TEST] UM-TCAUP_ESLL
[MANUFAC] FULL SPECTRUM SOLUTIONS - JACKSON, MI, USA
[LUMINAIRE]40W GARAGE
[LUMCAT] EGF-EC-40W
[LAMP] 1; 40W INDUCTION
[LAMPCAT] INDUCTION
[OTHER] HOUSING: CAST BALLAST HOUSING ACRYLIC LENS
[MORE] REFL: ANODIZED ALUM
[MORE] LENS: PRISMATIC ACRYLIC

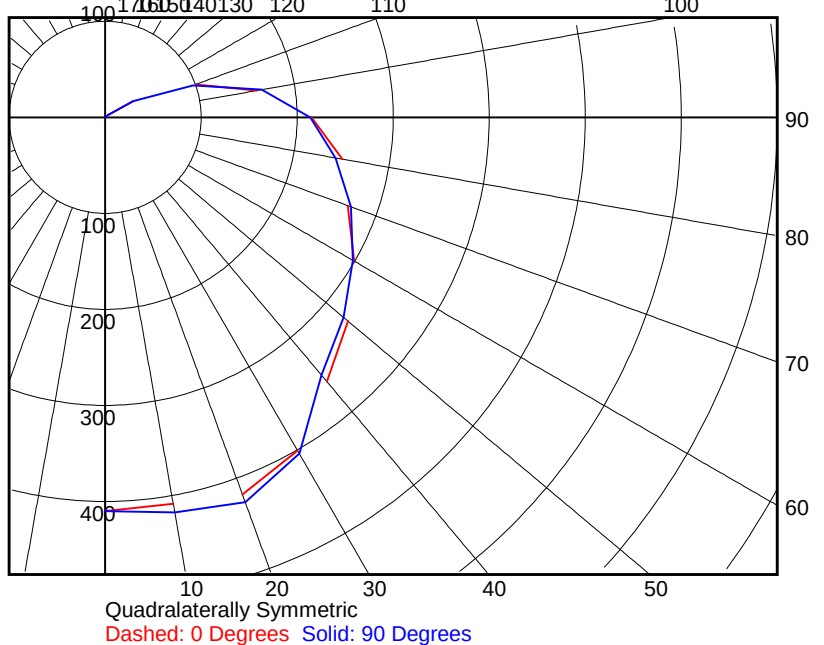
SUMMARY DATA

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: 3200
NO. OF LAMPS: 1
LUMINOUS OPENING: RECTANGULAR
Width: 0.32 (Meters)
Length: 0.32
Height: 0.25
INPUT WATTS: 44

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0 - 30	354.0	11.1	15.0
0 - 40	602.2	18.8	25.6
0 - 60	1159.2	36.2	49.2
60 - 90	802.0	25.1	34.0
0 - 90	1961.1	61.3	83.2
90 - 180	395.1	12.3	16.8
0 - 180	2356.2	73.6	100.0

CANDELA PLOT



AVERAGE LUMINANCE

(Candelas / Square Meter)

Angle	0	45	90
0	4003	4003	4003

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

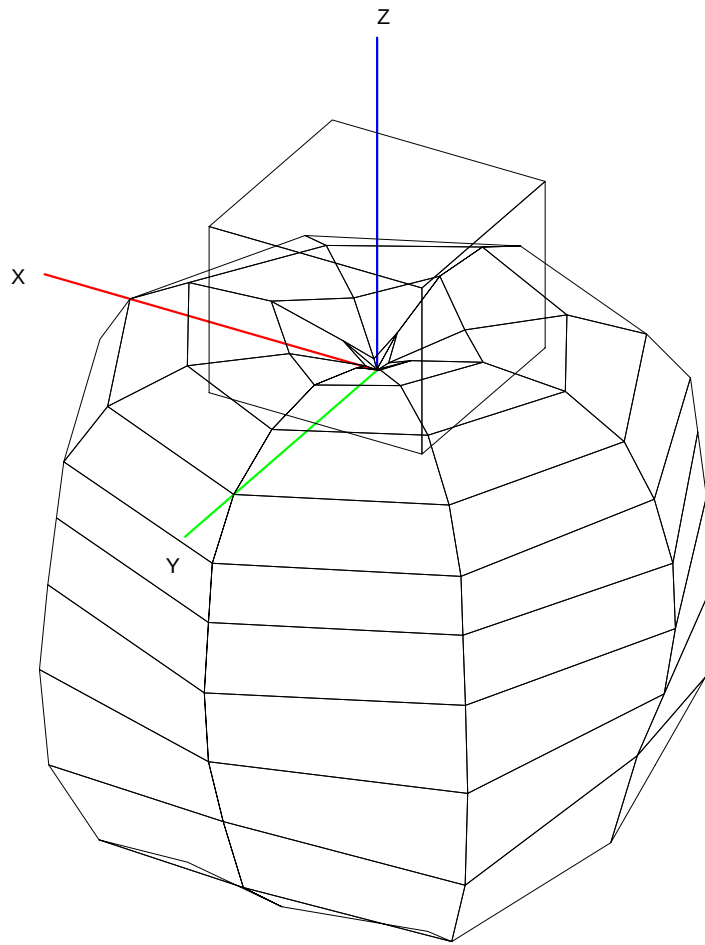
Reported data calculated from manufacturer's data file, based on IESNA recommended methods.

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