

Photometric Report

CATALOG NUMBER: EHB-ED-150W

Monday, October 12, 2009

FILENAME: EHB-ED-150W.IES

EHB-ED-150W
IESNA:LM-63-2001
[MANUFAC] FULL SPECTRUM SOLUTIONS - JACKSON, MI, USA
[LUMINAIRE] 150W IP65 HIGH BAY
[LUMCAT] EHB-ED-150W
[LAMP] 1; 150W INDUCTION
[LAMPCAT] INDUCTION
[OTHER] HOUSING: EXTRUDED ALUMINUM
[MORE] REFL: ANODIZED ALUM
[MORE] LENS: TEMPERED GLASS

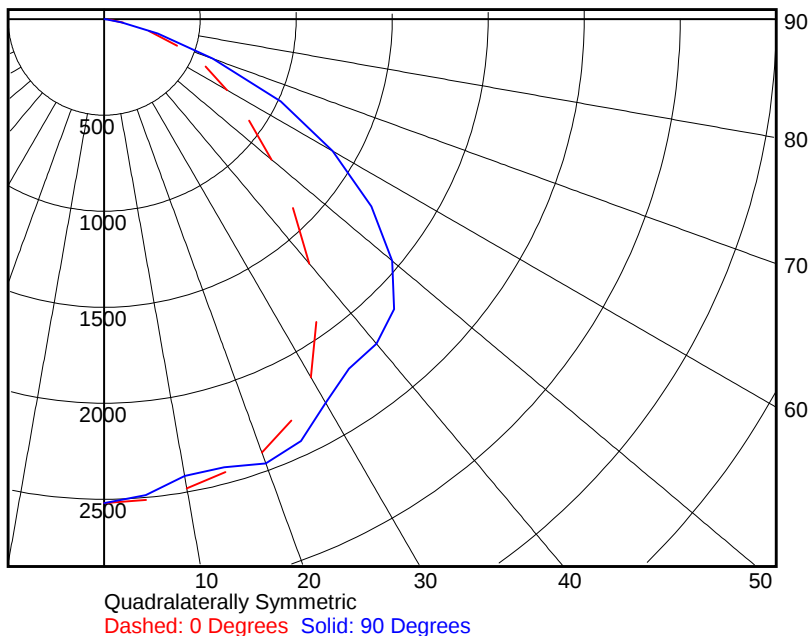
SUMMARY DATA

EFFICIENCY (Total): 60.6 %
EFFICIENCY (Downlight): 60.6 %
EFFICIENCY (Uplight): 0.0 %
CIE CLASSIFICATION: DIRECT
SPACING CRITERION (0-Deg.): 1.25
SPACING CRITERION (90-Deg.): 1.36
LUMENS/LAMP: 12600
NO. OF LAMPS: 1
LUMINOUS OPENING: RECTANGULAR
Width: 0.55 (Meters)
Length: 0.37
Height: 0.13
INPUT WATTS: 165

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0 - 30	2056.1	16.3	26.9
0 - 40	3465.4	27.5	45.3
0 - 60	6311.8	50.1	82.6
60 - 90	1329.8	10.6	17.4
0 - 90	7641.5	60.6	100.0
90 - 180	0.0	0.0	0.0
0 - 180	7641.5	60.6	100.0

CANDELA PLOT



AVERAGE LUMINANCE

(Candelas / Square Meter)

Angle	0	45	90
0	12383	12383	12383
45	7147	10627	12005
55	5254	9138	10879
65	3868	6871	7836
75	1977	2748	2923
85	283	247	230

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	.72	.72	.72	.72	.71	.71	.71	.71	.67	.67	.67	.65	.65	.65	.62	.62	.62	.61
1	.66	.64	.61	.59	.65	.62	.60	.58	.60	.58	.56	.57	.56	.55	.55	.54	.53	.52
2	.61	.56	.52	.48	.59	.55	.51	.48	.52	.49	.47	.50	.48	.46	.49	.47	.45	.43
3	.55	.49	.44	.40	.54	.48	.44	.40	.46	.42	.39	.45	.41	.39	.43	.40	.38	.37
4	.50	.43	.38	.34	.49	.43	.38	.34	.41	.37	.33	.40	.36	.33	.38	.35	.32	.31
5	.46	.39	.33	.29	.45	.38	.33	.29	.37	.32	.29	.35	.32	.28	.34	.31	.28	.27
6	.43	.35	.29	.25	.42	.34	.29	.25	.33	.28	.25	.32	.28	.25	.31	.27	.25	.23
7	.40	.31	.26	.22	.39	.31	.26	.22	.30	.25	.22	.29	.25	.22	.28	.25	.22	.21
8	.37	.29	.23	.20	.36	.28	.23	.20	.27	.23	.20	.27	.23	.20	.26	.22	.19	.18
9	.34	.26	.21	.18	.33	.26	.21	.18	.25	.21	.18	.24	.20	.18	.24	.20	.17	.16
10	.32	.24	.19	.16	.31	.24	.19	.16	.23	.19	.16	.23	.19	.16	.22	.18	.16	.15

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	2520	2520	2520
5	2512	2520	2487
10	2481	2468	2415
15	2442	2451	2415
20	2402	2501	2462
25	2306	2530	2424
30	2153	2497	2307
35	1925	2429	2221
40	1662	2325	2206
45	1390	2165	2136
50	1138	1945	1958
55	921	1700	1698
60	738	1430	1373
65	583	1118	1016
70	404	713	601
75	241	369	290
80	102	129	91
85	25	25	15
90	3	3	1

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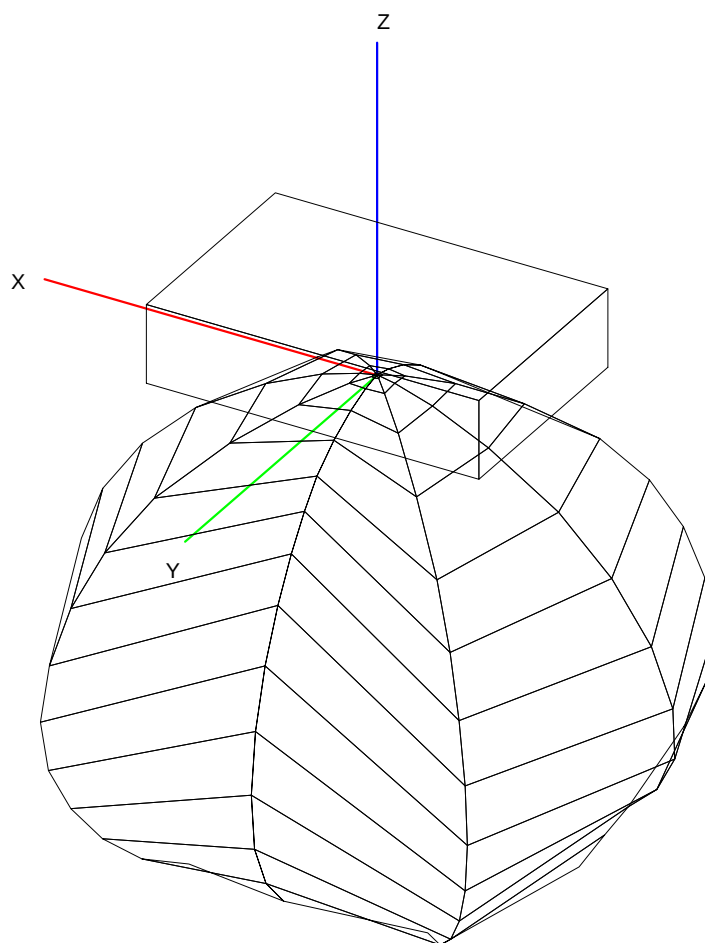
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