

Photometric Report

CATALOG NUMBER: EHBUS-AC-300W

Thursday, May 19, 2011

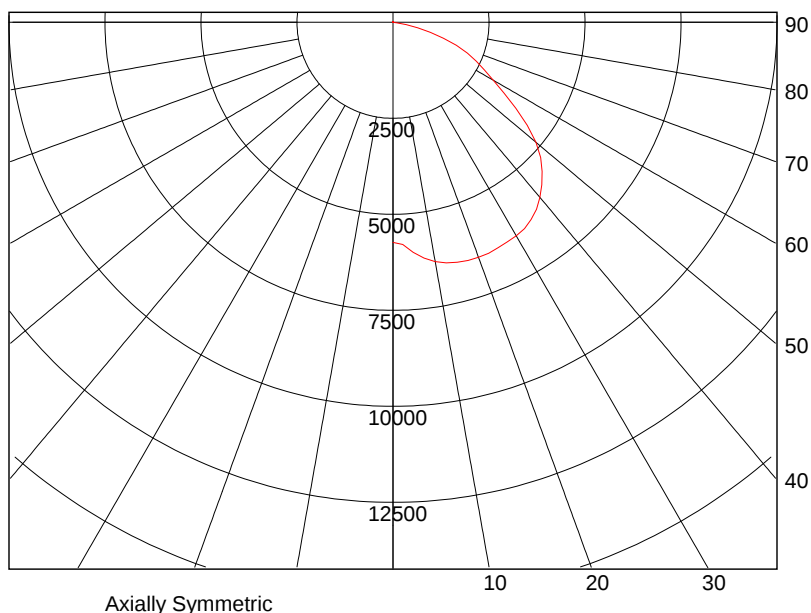
FILENAME: EHBUS-AC-300W.IES

IESNA:LM-63-2002
[TEST]03540
[TESTLAB]ALP-LEXALITE
[ISSUEDATE]10/18/10
[MANUFAC]FULL SPECTRUM
[LUMCAT]EHBUS-AC-300W
[LUMINAIRE]A1100-0 REFLECTOR WITH FLAT ACRYLIC LENS
[LAMPCAT]INDUCTION
[LAMP]ONE 300 WATT INDUCTION LAMP
[BALLAST]FULL SPECTRUM SOLUTIONS INC. EB-300W

SUMMARY DATA

EFFICIENCY (Total): 81.7 %
EFFICIENCY (Downlight): 81.6 %
EFFICIENCY (Uplight): 0.1 %
CIE CLASSIFICATION: DIRECT
SPACING CRITERION (0-Deg.): 1.61
LUMENS/LAMP: 25200
NO. OF LAMPS: 1
LUMINOUS OPENING: CIRCULAR
Diameter: 1.83 (Feet)
INPUT WATTS: 320
TER - Task Efficacy (LPW): 32 (BF = 1)
TER Category: Highbay, Non-linear

CANDELA PLOT



ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0 - 30	5411.0	21.5	26.3
0 - 40	9325.6	37.0	45.3
0 - 60	17041.0	67.6	82.8
60 - 90	3521.6	14.0	17.1
0 - 90	20562.7	81.6	99.9
90 - 180	17.8	0.1	0.1
0 - 180	20580.5	81.7	100.0

AVERAGE LUMINANCE

(Candelas / Square Meter)

Angle	0
0	23370
45	31658
55	27746
65	23098
75	15786
85	561

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	.97	.97	.97	.97	.95	.95	.95	.95	.91	.91	.91	.87	.87	.87	.83	.83	.83	.82
1	.89	.86	.83	.80	.87	.84	.81	.78	.81	.78	.76	.77	.75	.74	.74	.73	.71	.70
2	.82	.75	.70	.65	.79	.73	.69	.64	.71	.66	.63	.68	.64	.61	.65	.63	.60	.58
3	.74	.66	.59	.54	.72	.65	.59	.54	.62	.57	.53	.60	.56	.52	.58	.54	.51	.49
4	.68	.58	.51	.46	.66	.57	.51	.46	.55	.49	.45	.53	.48	.44	.52	.47	.44	.42
5	.62	.52	.45	.39	.61	.51	.44	.39	.49	.43	.39	.48	.42	.38	.46	.42	.38	.36
6	.58	.47	.39	.34	.56	.46	.39	.34	.44	.38	.34	.43	.38	.33	.42	.37	.33	.31
7	.53	.42	.35	.30	.52	.42	.35	.30	.40	.34	.30	.39	.34	.29	.38	.33	.29	.28
8	.49	.38	.31	.27	.48	.38	.31	.27	.37	.31	.26	.36	.30	.26	.35	.30	.26	.24
9	.46	.35	.28	.24	.45	.35	.28	.24	.34	.28	.24	.33	.27	.23	.32	.27	.23	.22
10	.43	.32	.26	.21	.42	.32	.26	.21	.31	.25	.21	.30	.25	.21	.30	.25	.21	.20

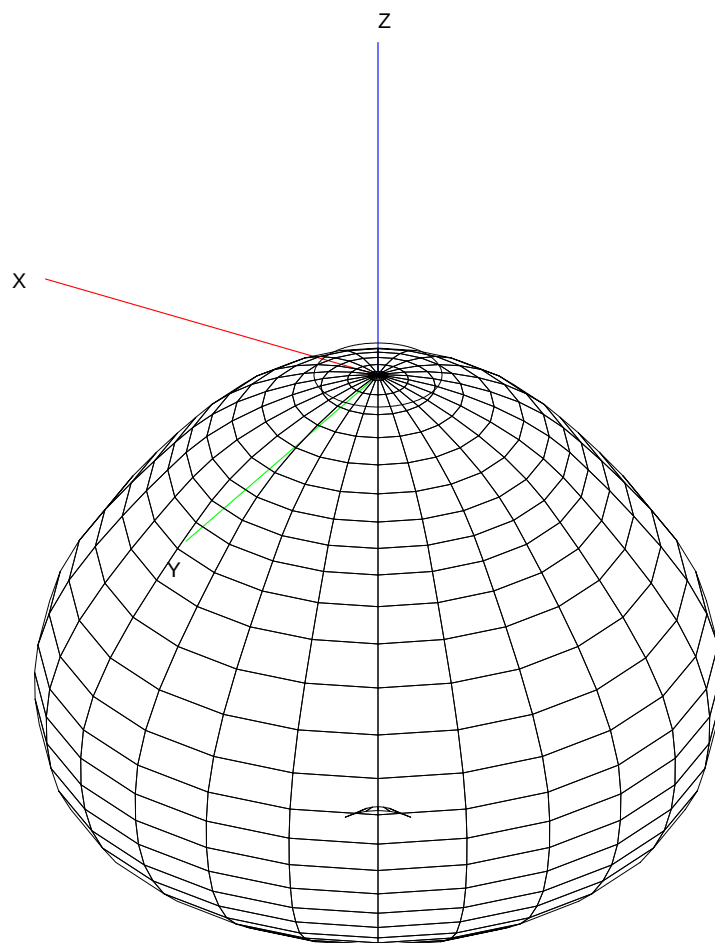
Reported data calculated from manufacturer's data file, based on IESNA recommended methods.

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Photometric Viewer v3.4