

Photometric Report

CATALOG NUMBER: EHB-AC-300W

Wednesday, July 01, 2009

FILENAME: EHB-AC-300W.IES

EHB-AC-300W
IESNA91
[TEST] UM-TCAUP_ESLL
[MANUFAC] FULL SPECTRUM SOLUTIONS - JACKSON, MI, USA
[LUMINAIRE] 300W ALUMINUM HIGH BAY
[LUMCAT] EHB-AC-300W
[LAMP] 1; 300W INDUCTION
[LAMPCAT] INDUCTION
[OTHER] HOUSING: ALUMINUM ACRYLIC COVER
[MORE] REFL: ANODIZED ALUMINUM
[MORE] LENS: CLEAR ACRYLIC

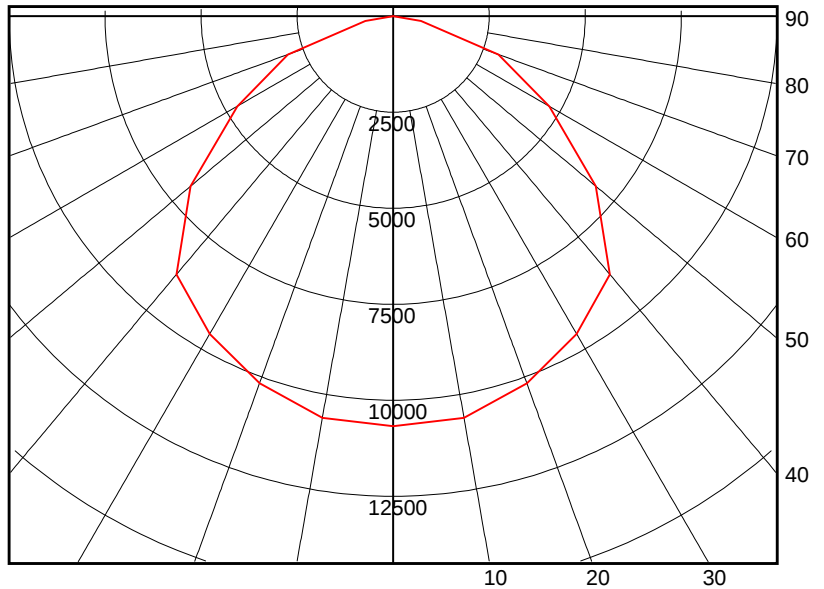
SUMMARY DATA

EFFICIENCY (Total): 120.8 %
EFFICIENCY (Downlight): 120.8 %
EFFICIENCY (Uplight): 0.0 %
CIE CLASSIFICATION: DIRECT
LUMENS/LAMP: 26100
NO. OF LAMPS: 1
LUMINOUS OPENING: RECTANGULAR
Width: 1.50 (Feet)
Length: 1.50
Height: 0.00
INPUT WATTS: 315

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0 - 30	8501.5	32.6	27.0
0 - 40	14243.6	54.6	45.2
0 - 60	25441.2	97.5	80.7
60 - 90	6075.9	23.3	19.3
0 - 90	31517.1	120.8	100.0
90 - 180	0.0	0.0	0.0
0 - 180	31517.1	120.8	100.0

CANDELA PLOT



AVERAGE LUMINANCE

(Candelas / Square Meter)

Angle	0	20	40	60	80	100	120	140	160	180
0	51068	51068	51068	51068	51068	51068	51068	51068	51068	51068

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	50	30	10	0
RCR																					
0	1.44	1.44	1.44	1.44	1.40	1.40	1.40	1.40	1.34	1.34	1.34	1.28	1.28	1.28	1.23	1.23	1.23	1.23	1.23	1.23	1.21
1	1.32	1.26	1.21	1.17	1.28	1.23	1.19	1.15	1.18	1.15	1.11	1.14	1.10	1.08	1.09	1.07	1.04	1.04	1.04	1.04	1.02
2	1.20	1.10	1.02	.95	1.17	1.08	1.00	.94	1.04	.97	.92	1.00	.94	.90	.96	.92	.88	.88	.88	.88	.85
3	1.09	.97	.87	.79	1.06	.95	.86	.78	.91	.83	.77	.88	.81	.76	.85	.79	.74	.74	.74	.74	.72
4	1.00	.86	.75	.67	.97	.84	.74	.67	.81	.72	.66	.78	.71	.65	.76	.69	.64	.64	.64	.64	.61
5	.92	.76	.66	.58	.89	.75	.65	.57	.72	.64	.57	.70	.62	.56	.68	.61	.55	.55	.55	.55	.53
6	.85	.69	.58	.50	.82	.68	.57	.50	.65	.56	.49	.63	.55	.49	.61	.54	.49	.49	.49	.49	.46
7	.79	.62	.52	.44	.76	.61	.51	.44	.59	.50	.44	.58	.49	.43	.56	.49	.43	.43	.43	.43	.41
8	.73	.57	.46	.39	.71	.56	.46	.39	.54	.45	.39	.53	.45	.39	.51	.44	.38	.38	.38	.38	.36
9	.68	.52	.42	.35	.66	.51	.42	.35	.50	.41	.35	.49	.41	.35	.47	.40	.35	.35	.35	.35	.32
10	.64	.48	.38	.32	.62	.47	.38	.32	.46	.38	.32	.45	.37	.32	.44	.37	.31	.31	.31	.31	.29

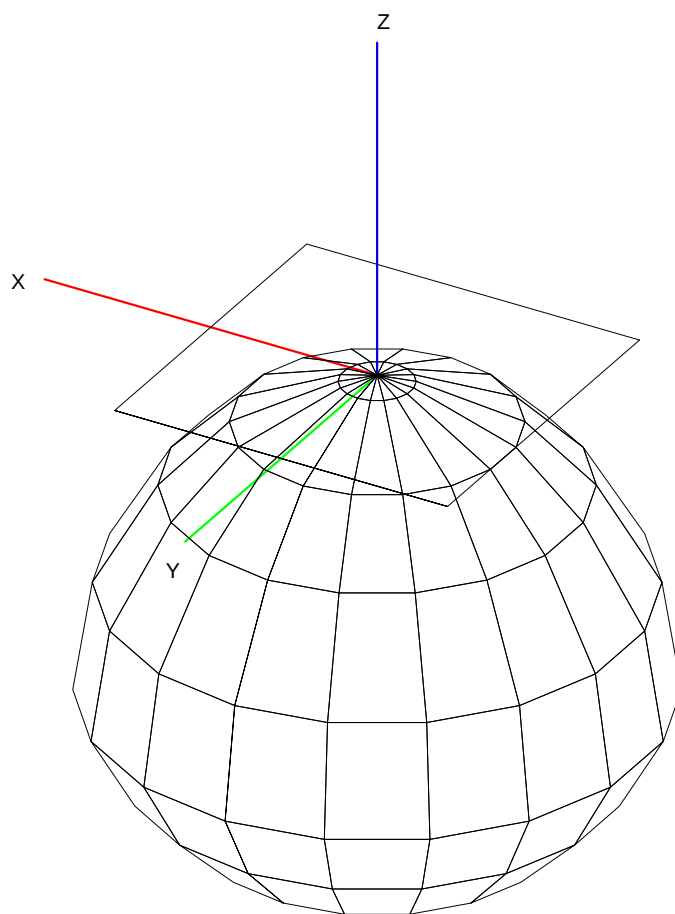
Reported data calculated from manufacturer's data file, based on IESNA recommended methods.

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