

Photometric Report

CATALOG NUMBER: EHB-AC-100W

Wednesday, July 01, 2009

FILENAME: EHB-AC-100W.IES

EHB-AC-100W
IESNA91
[TEST] UM-TCAUP_ESLL
[MANUFAC] FULL SPECTRUM SOLUTIONS - JACKSON, MI, USA
[LUMINAIRE] 100W ALUMINUM HIGH BAY
[LUMCAT] EHB-AC-100W
[LAMP] 1; 100W INDUCTION
[LAMPCAT] INDUCTION
[OTHER] HOUSING: ALUMINUM ACRYLIC COVER
[MORE] REFL: ANODIZED ALUMINUM
[MORE] LENS: CLEAR ACRYLIC

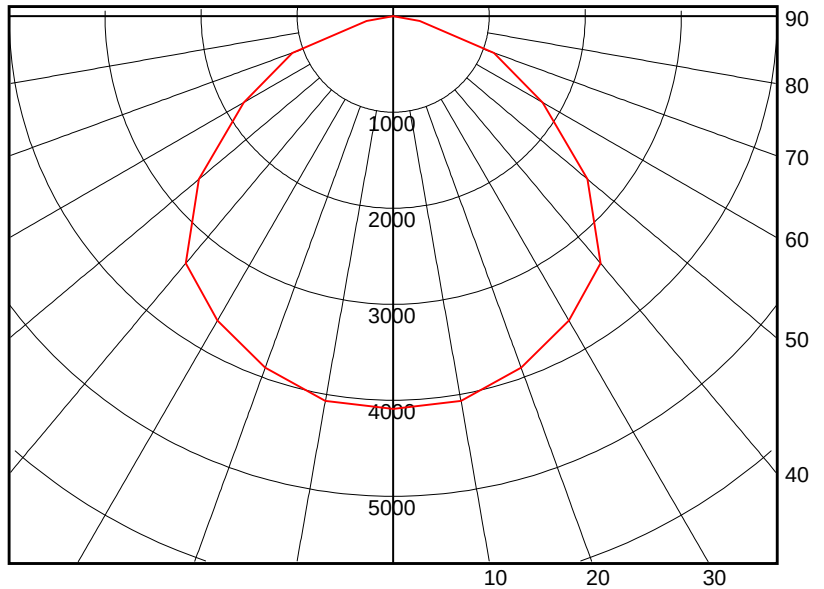
SUMMARY DATA

EFFICIENCY (Total): 125.5 %
EFFICIENCY (Downlight): 125.5 %
EFFICIENCY (Uplight): 0.0 %
CIE CLASSIFICATION: DIRECT
LUMENS/LAMP: 9625
NO. OF LAMPS: 1
LUMINOUS OPENING: RECTANGULAR
Width: 1.50 (Feet)
Length: 1.50
Height: 0.00
INPUT WATTS: 110

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0 - 30	3257.3	33.8	27.0
0 - 40	5457.3	56.7	45.2
0 - 60	9747.6	101.3	80.7
60 - 90	2327.9	24.2	19.3
0 - 90	12075.5	125.5	100.0
90 - 180	0.0	0.0	0.0
0 - 180	12075.5	125.5	100.0

CANDELA PLOT



AVERAGE LUMINANCE

(Candelas / Square Meter)

Angle	0	20	40	60	80	100	120	140	160	180
0	19566	19566	19566	19566	19566	19566	19566	19566	19566	19566

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	1.49	1.49	1.49	1.49	1.46	1.46	1.46	1.46	1.39	1.39	1.39	1.33	1.33	1.33	1.28	1.28	1.28	1.25			
1	1.37	1.31	1.26	1.21	1.33	1.28	1.23	1.19	1.23	1.19	1.15	1.18	1.15	1.12	1.13	1.11	1.09	1.06			
2	1.25	1.14	1.06	.99	1.21	1.12	1.04	.98	1.08	1.01	.95	1.03	.98	.93	1.00	.95	.91	.88			
3	1.14	1.00	.90	.82	1.10	.98	.89	.81	.95	.87	.80	.91	.84	.79	.88	.82	.77	.75			
4	1.04	.89	.78	.70	1.01	.87	.77	.69	.84	.75	.68	.81	.73	.67	.78	.72	.66	.64			
5	.95	.79	.68	.60	.93	.78	.67	.60	.75	.66	.59	.73	.65	.58	.71	.63	.58	.55			
6	.88	.71	.60	.52	.86	.70	.60	.52	.68	.58	.51	.66	.57	.51	.64	.56	.50	.48			
7	.82	.65	.54	.46	.79	.64	.53	.46	.62	.52	.45	.60	.51	.45	.58	.51	.45	.42			
8	.76	.59	.48	.41	.74	.58	.48	.41	.56	.47	.40	.55	.46	.40	.53	.46	.40	.38			
9	.71	.54	.44	.37	.69	.53	.43	.37	.52	.43	.36	.50	.42	.36	.49	.42	.36	.34			
10	.66	.50	.40	.33	.65	.49	.40	.33	.48	.39	.33	.47	.39	.33	.46	.38	.33	.30			

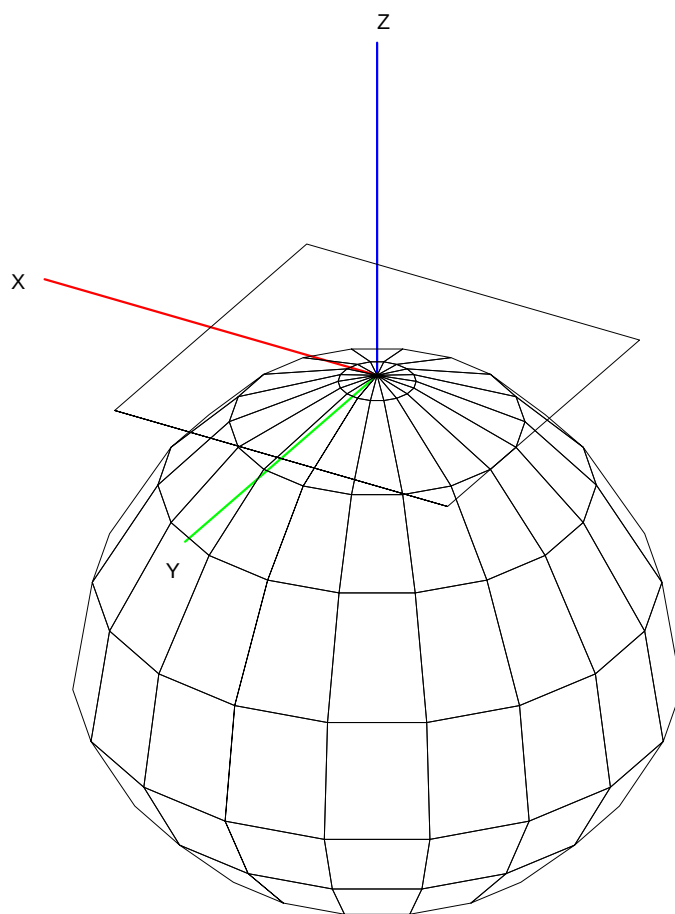
Reported data calculated from manufacturer's data file, based on IESNA recommended methods.

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