

Endura DX Canopy

EN-120/277V-080W-5K-00

Induction Lamp Specifications

Wattage (W)	Luminance (LM)	CRI	Color Temp (K)	Rated Life (Hours)
80	6,800	85	5,000	100,000

Driver Specifications

Wattage (W)	Input Voltage (VAC)	Input Current (A)	Input Frequency	Power Factor	Operating Temp	Input Power (W)
80	120/277	0.74 - 0.32	50-60Hz	0.98	-30 to 122° F	88

Photometric Report

CATALOG NUMBER:

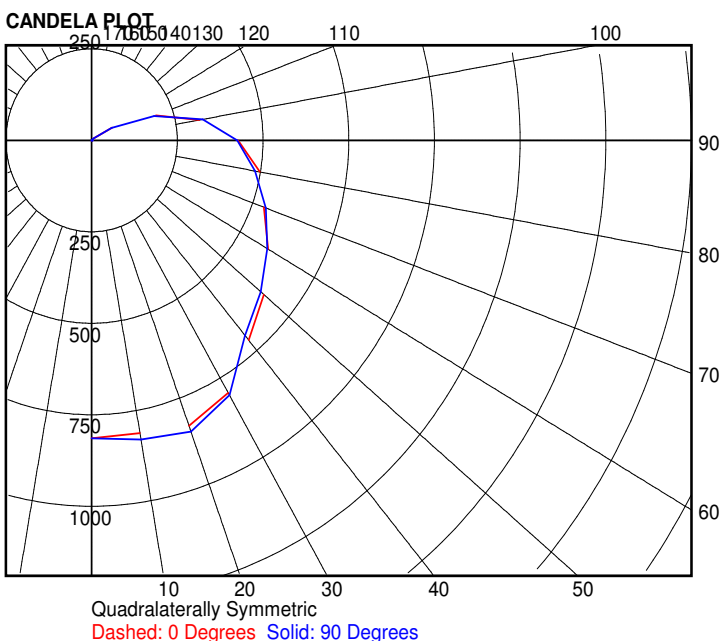
Thursday, November 12, 2009

FILENAME: ENDURA DX 80W.IES

IESNA:LM-63-2002
 [TESTLAB] Lighting Labs
 [MANUFAC] US Lighting Tech
 [LUMINAIRE] Endura 80W

SUMMARY DATA

EFFICIENCY (Total): 73.2 %
 EFFICIENCY (Downlight): 60.9 %
 EFFICIENCY (Uplight): 12.3 %
 CIE CLASSIFICATION: SEMI-DIRECT
 SPACING CRITERION (0-Deg.): 1.43
 SPACING CRITERION (90-Deg.): 1.43
 LUMENS/LAMP: 6400
 NO. OF LAMPS: 1
 LUMINOUS OPENING: RECTANGULAR
 Width: 1.05 (Feet)
 Length: 1.05
 Height: 0.82
 INPUT WATTS: 84
 TER - Task Efficacy (LPW): 39 (BF = 1)
 TER Category: Roadway



ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0 - 30	703.6	11.0	15.0
0 - 40	1196.8	18.7	25.6
0 - 60	2303.8	36.0	49.2
60 - 90	1594.0	24.9	34.0
0 - 90	3897.8	60.9	83.2
90 - 180	785.2	12.3	16.8
0 - 180	4683.0	73.2	100.0

AVERAGE LUMINANCE

(Candelas / Square Meter)

Angle	0	45	90
	7954	7954	7954

COEFFICIENT OF UTILIZATION TABLE

Effective Floor Cavity Reflectance = 20%

Pcc ...	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Pw ...																		
RCR																		
0	.84	.84	.84	.84	.81	.81	.81	.81	.74	.74	.74	.69	.69	.69	.63	.63	.63	.61
1	.73	.68	.64	.60	.70	.66	.62	.58	.60	.57	.54	.55	.52	.50	.50	.48	.46	.44
2	.66	.58	.52	.47	.62	.55	.50	.45	.51	.46	.42	.46	.43	.39	.42	.39	.37	.34
3	.59	.50	.43	.37	.56	.48	.41	.36	.44	.38	.34	.40	.36	.32	.37	.33	.30	.27
4	.54	.44	.36	.31	.51	.42	.35	.30	.38	.33	.28	.35	.30	.27	.32	.28	.25	.23
5	.49	.39	.31	.26	.47	.37	.30	.25	.34	.28	.24	.31	.26	.23	.29	.25	.21	.19
6	.45	.35	.27	.22	.43	.33	.27	.22	.31	.25	.21	.28	.23	.19	.26	.22	.18	.16
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	.34	.25	.19	.15	.23	.18	.14	.21	.17	.13	.20	.16	.13	.11
10	.34	.24	.18	.14	.32	.23	.17	.13	.21	.16	.13	.20	.15	.12	.18	.14	.12	.10