

Photometric Report

CATALOG NUMBER: ELW-EC-40W

Thursday, September 30, 2010

FILENAME: ELW_EC_40W.IES

ELW-EC-40W
IESNA91
[TEST] UM-TCAUP_ESLL
[MANUFAC] FSS Inc
[LUMCAT] ELW-EC-40W
[LUMINAIRE] 40W NEW CONTEMPORARY WALKWAY
[LAMPCAT] INDUCTION
[LAMP] 1; 40W INDUCTION
[OTHER] Version: 8/22/07 - 12:00:00

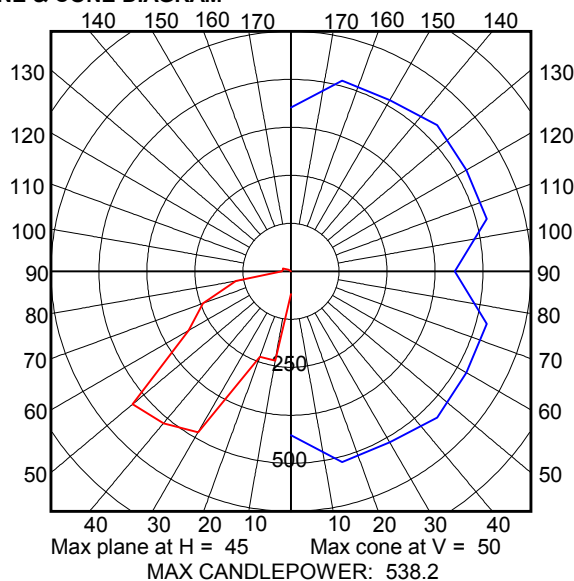
SUMMARY DATA

EFFICIENCY (Total): 57.0 %
EFFICIENCY (Down / Up): 55.1 % / 1.9 %
EFFICIENCY (Street / House): 28.5 % / 28.5 %
ROADWAY CLASSIFICATION: TYPE III,
CUTOFF CLASSIFICATION: CUTOFF
LUMENS/LAMP: 3350
NO. OF LAMPS: 1
LUMINOUS OPENING: RECTANGULAR
Width: 1.50 (Feet)
Length: 1.50
Height: 0.00
INPUT WATTS: 44
TER - Task Efficacy (LPW): 39 (BF = 1)
TER Category: Area and Site

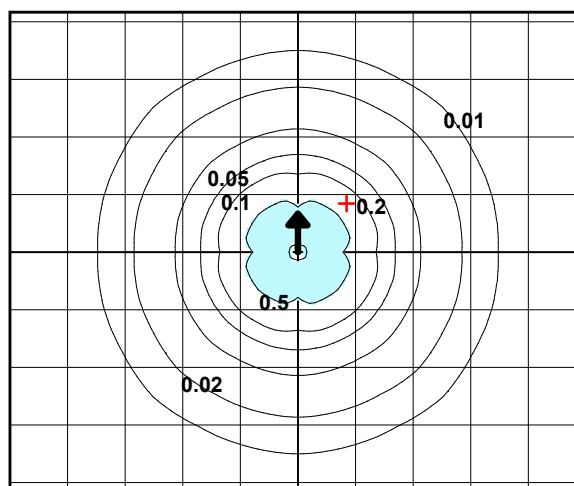
LUMINAIRE CLASSIFICATION SYSTEM (BUG RATING = B1-U2-G1)

FORWARD LIGHT	Lumens (% of Lamp Lumens)	
FL (0-30):	126	(3.7%)
FM (30-60):	524	(15.6%)
FH (60-80):	229	(6.8%)
FVH(80-90):	44	(1.3%)
BACKLIGHT		
BL (0-30):	126	(3.7%)
BM (30-60):	524	(15.6%)
BH (60-80):	229	(6.8%)
BVH(80-90):	44	(1.3%)
UPLIGHT		
UL (90-100):	24	(0.7%)
UH (100-180):	41	(1.2%)
TRAPPED LIGHT:	1441	(43.0%)

PLANE & CONE DIAGRAM



ISO-ILLUMINANCE DIAGRAM (fc)



Mounting Height	Multiplier
10	4.000
15	1.778
20	1.000
25	0.640
30	0.444
35	0.327
40	0.250
45	0.198
50	0.160

Shade Limit:
0.5 fc.

Shaded Area:
1048 sq.ft.

+ = Point of max candela

Mounting Height = 20 Feet. Each box represents one mounting height.

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

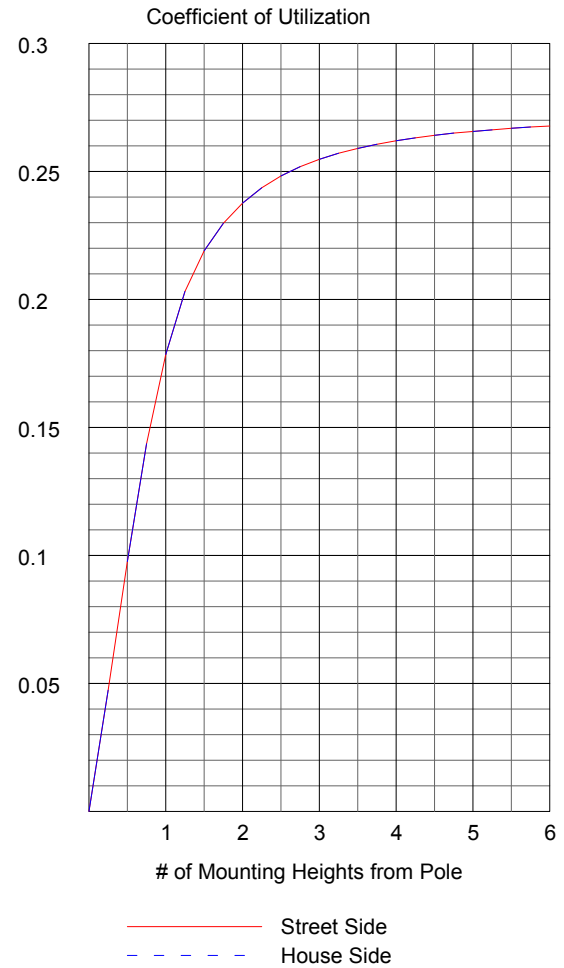
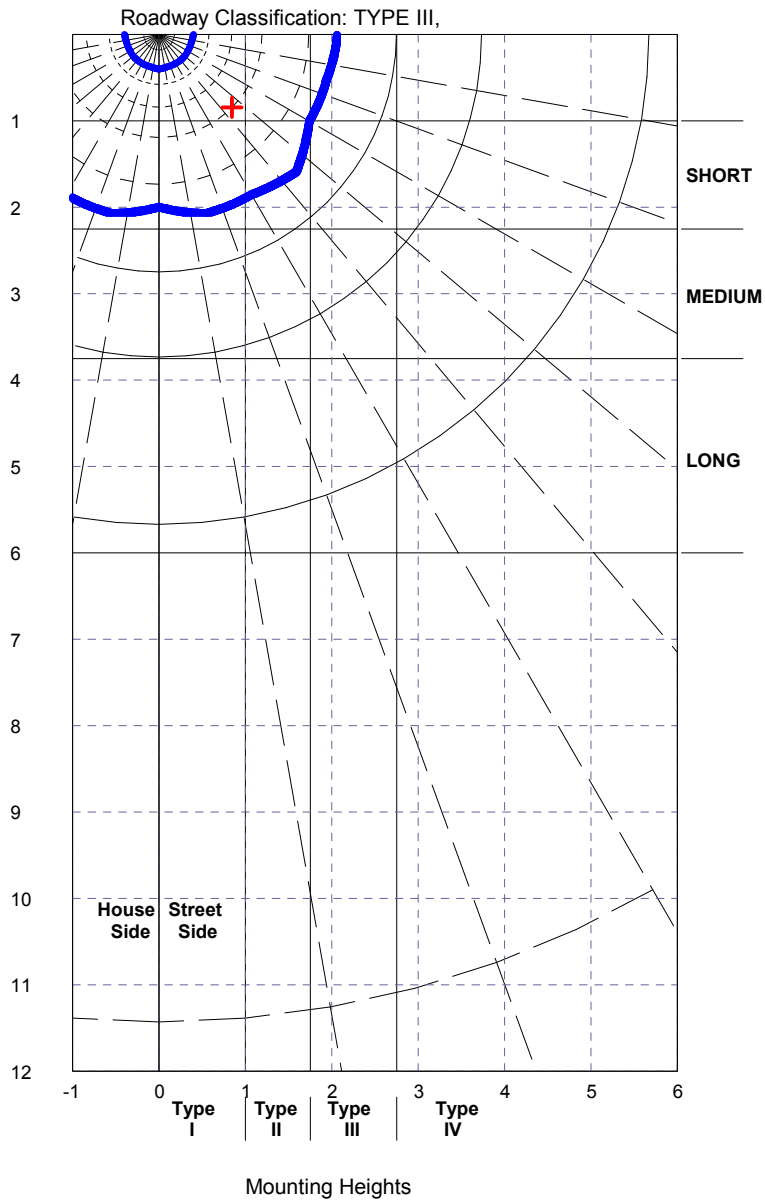
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CANDELA TABLE

Vertical	Horizontal Angles											
Angle	0	15	30	45	60	75	90	105	120	135	150	165
0	59	59	59	59	59	59	59	59	59	59	59	59
10	245	238	238	236	241	241	243	241	241	236	238	238
20	246	243	243	237	243	243	243	243	243	237	243	243
30	381	481	481	484	465	465	381	465	465	484	481	481
40	418	503	503	516	508	508	418	508	508	516	503	503
50	426	514	514	538	527	527	426	527	527	538	514	514
60	297	292	292	308	305	305	292	305	305	308	292	292
70	230	227	227	243	232	232	224	232	232	243	227	227
80	140	135	135	146	138	138	135	138	138	146	135	135
90	16	22	22	24	23	23	24	23	23	24	22	22
100	22	22	22	22	22	22	22	22	22	22	22	22
110	22	22	22	22	22	22	22	22	22	22	22	22
120	7	7	7	7	7	7	7	7	7	7	7	7
130	0	0	0	0	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0	0	0

Vertical Angle	Horizontal Angles
	<u>180</u>
0	59
10	245
20	246
30	381
40	418
50	426
60	297
70	230
80	140
90	16
100	22
110	22
120	7
130	0
140	0
150	0
160	0
170	0
180	0

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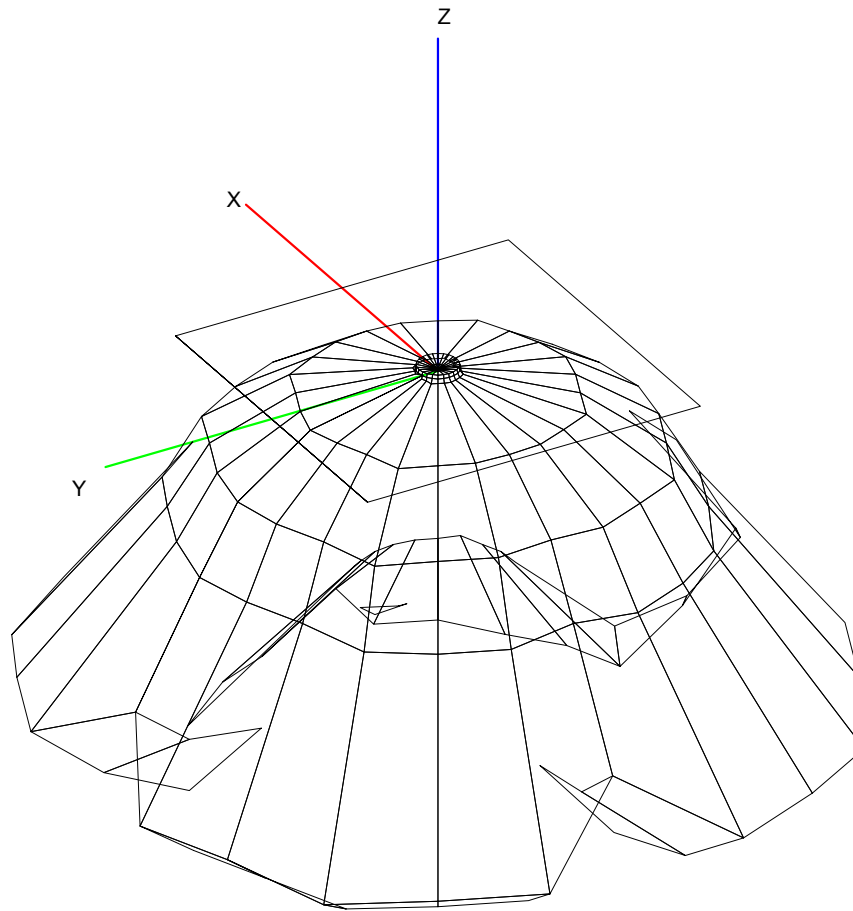
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