

Photometric Report

CATALOG NUMBER: ELW-EC-100W

Thursday, September 30, 2010

FILENAME: ELW-EC-100W.IES

ELW-EC-100W
IESNA91
[TEST] UM-TCAUP_ESLL
[MANUFAC]FSS Inc
[LUMCAT] ELW-EC-100W
[LUMINAIRE] 100W NEW CONTEMPORARY WALKWAY
[LAMPCAT] INDUCTION
[LAMP] 1; 100W INDUCTION
[OTHER]Version: 8/22/07 - 12:00:00

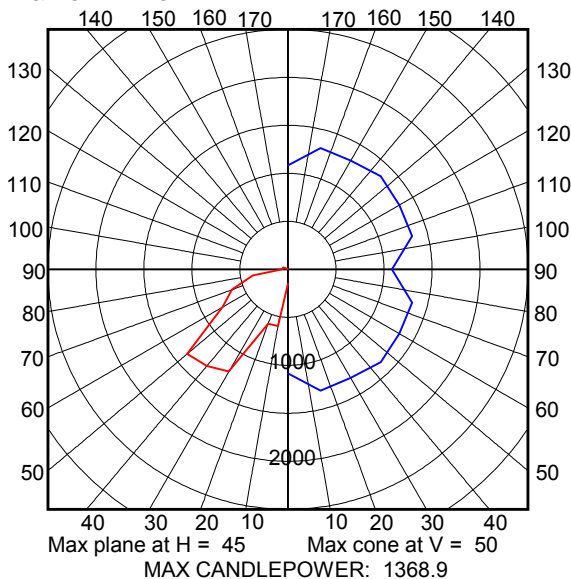
SUMMARY DATA

EFFICIENCY (Total): 57.9 %
EFFICIENCY (Down / Up): 55.9 % / 2.0 %
EFFICIENCY (Street / House): 28.9 % / 28.9 %
ROADWAY CLASSIFICATION: TYPE VS,
CUTOFF CLASSIFICATION: CUTOFF
LUMENS/LAMP: 8400
NO. OF LAMPS: 1
LUMINOUS OPENING: RECTANGULAR
Width: 1.50 (Feet)
Length: 1.50
Height: 0.00
INPUT WATTS: 110
TER - Task Efficacy (LPW): 40 (BF = 1)
TER Category: Area and Site

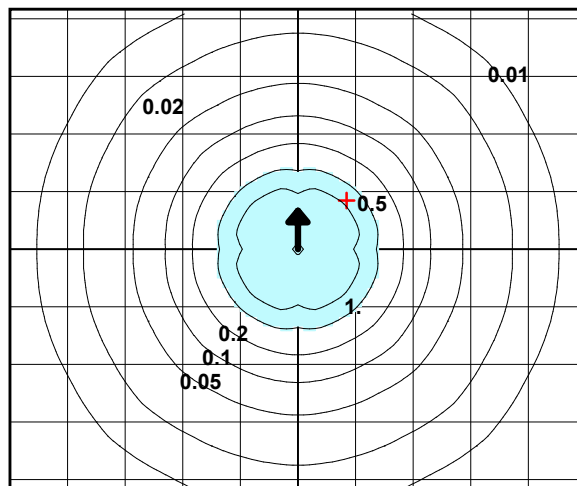
LUMINAIRE CLASSIFICATION SYSTEM (BUG RATING = B2-U3-G1)

FORWARD LIGHT	Lumens (% of Lamp Lumens)	
FL (0-30):	319	(3.8%)
FM (30-60):	1332	(15.9%)
FH (60-80):	583	(6.9%)
FVH(80-90):	111	(1.3%)
BACKLIGHT		
BL (0-30):	319	(3.8%)
BM (30-60):	1332	(15.9%)
BH (60-80):	583	(6.9%)
BVH(80-90):	111	(1.3%)
UPLIGHT		
UL (90-100):	61	(0.7%)
UH (100-180):	104	(1.2%)
TRAPPED LIGHT:	3544	(42.2%)

PLANE & CONE DIAGRAM



ISO-ILLUMINANCE DIAGRAM (fc)



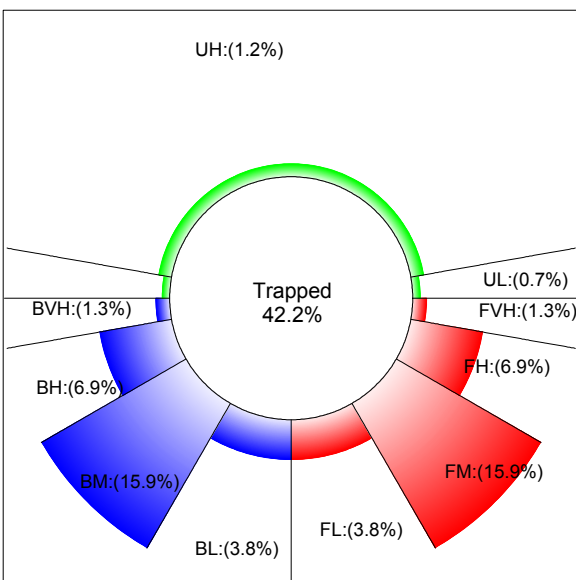
Mounting Height	Multiplier
10	4.000
15	1.778
20	1.000
25	0.640
30	0.444
35	0.327
40	0.250
45	0.198
50	0.160

Shade Limit:
0.5 fc.

Shaded Area:
2585 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.

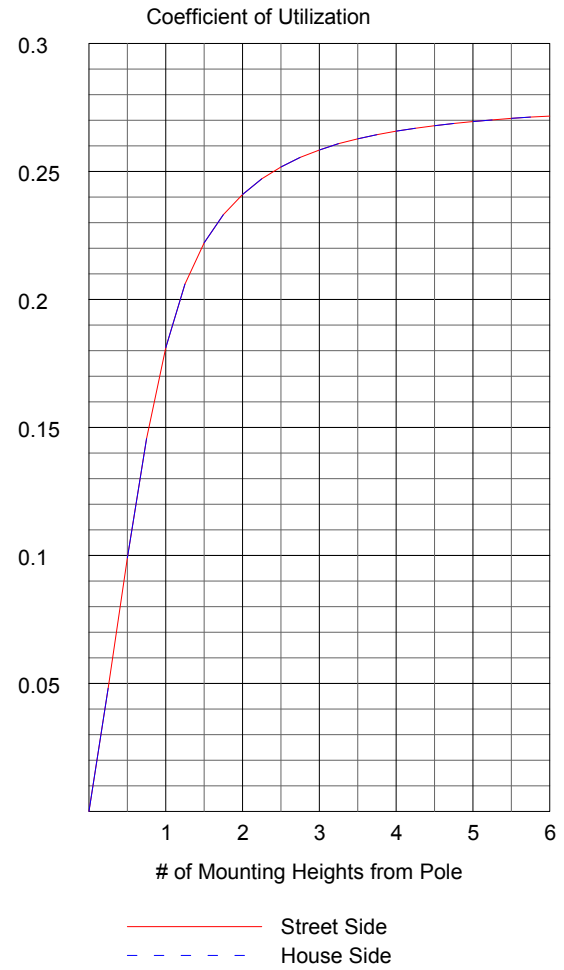
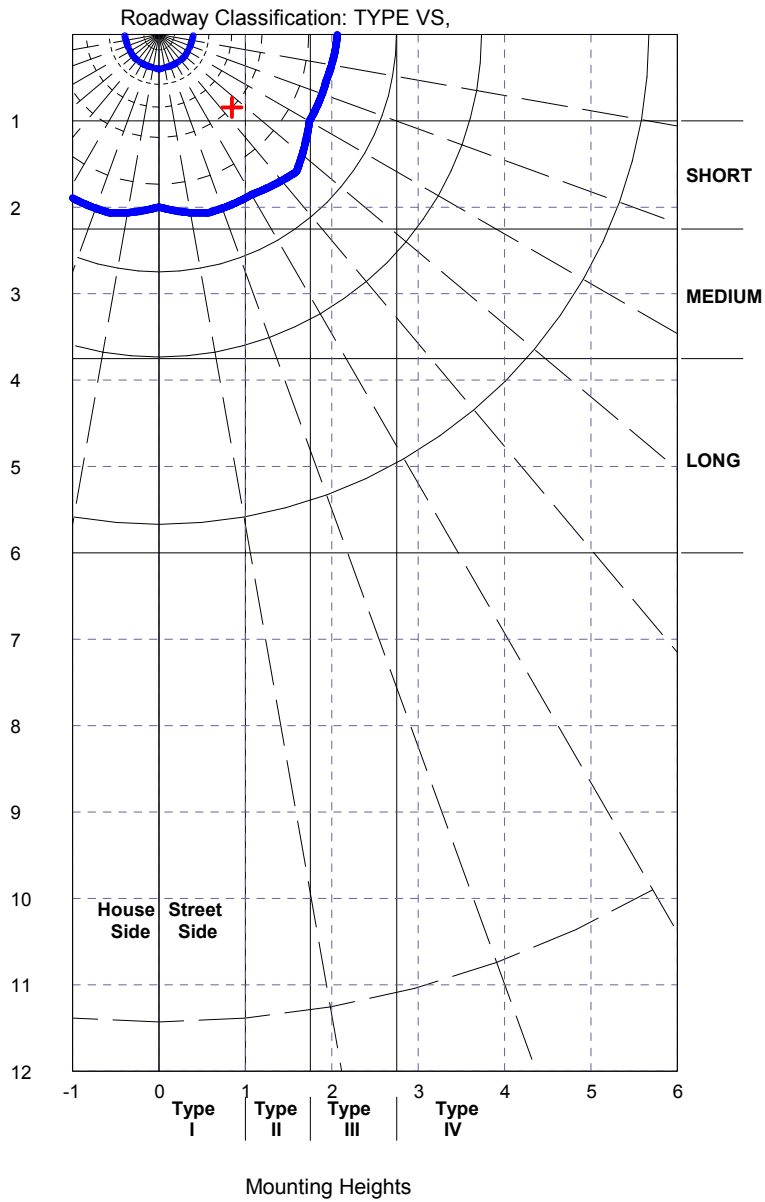
Photometric Viewer v3.4

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CANDELA TABLE

Vertical Angle	Horizontal Angles											
	<u>0</u>	<u>15</u>	<u>30</u>	<u>45</u>	<u>60</u>	<u>75</u>	<u>90</u>	<u>105</u>	<u>120</u>	<u>135</u>	<u>150</u>	<u>165</u>
0	151	151	151	151	151	151	151	151	151	151	151	151
10	622	605	605	600	612	612	619	612	612	600	605	605
20	625	619	619	603	619	619	619	619	619	603	619	619
30	970	1224	1224	1231	1183	1183	970	1183	1183	1231	1224	1224
40	1062	1279	1279	1313	1293	1293	1062	1293	1293	1313	1279	1279
<u>50</u>	<u>1083</u>	<u>1307</u>	<u>1307</u>	<u>1369</u>	<u>1341</u>	<u>1341</u>	<u>1083</u>	<u>1341</u>	<u>1341</u>	<u>1369</u>	<u>1307</u>	<u>1307</u>
60	756	743	743	784	777	777	743	777	777	784	743	743
70	585	578	578	619	591	591	571	591	591	619	578	578
80	356	344	344	371	350	350	344	350	350	371	344	344
90	41	55	55	62	60	60	62	60	60	62	55	55
100	55	55	55	55	55	55	55	55	55	55	55	55
110	55	55	55	55	55	55	55	55	55	55	55	55
120	19	19	19	19	19	19	19	19	19	19	19	19
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>Angle</u>	<u>180</u>
0	151
10	622
20	625
30	970
40	1062
50	1083
60	756
70	585
80	356
90	41
100	55
110	55
120	19
130	0
140	0
150	0
160	0
170	0
180	0

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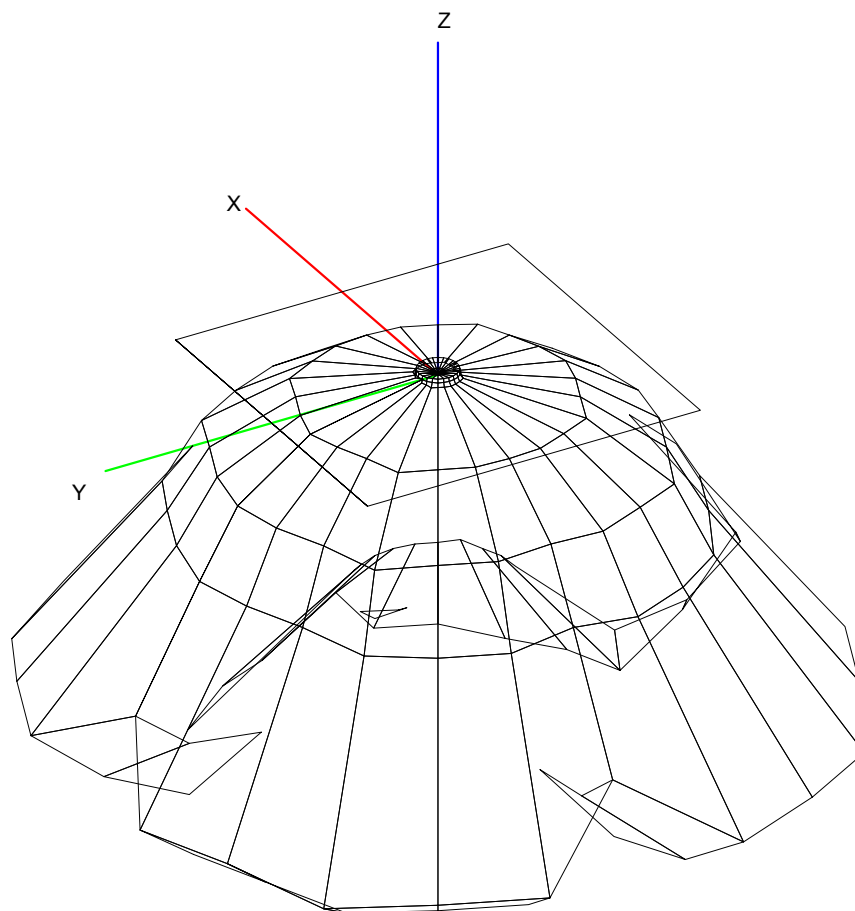
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