Photometric Report

CATALOG NUMBER: ELW-EC-70W Thursday, September 30, 2010

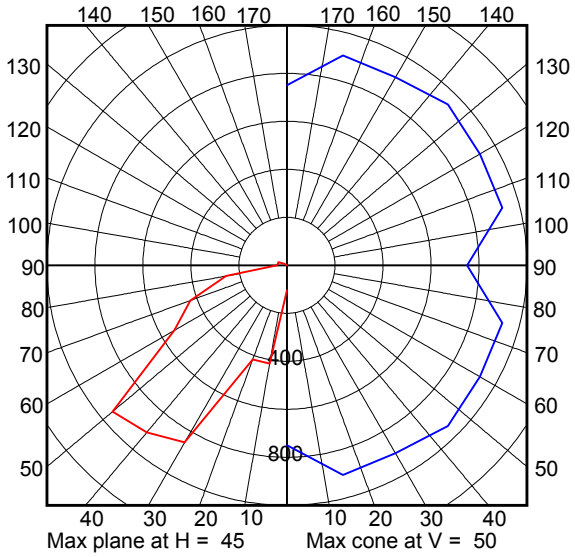
FILENAME: ELW-EC-70W.IES

ELW-EC-70W
IESNA91
[TEST] UM-TCAUP_ESLL
[MANUFAC]FSS Inc
[LUMCAT] ELW-EC-70W
[LUMINAIRE] 70W NEW CONTEMPORARY WALKWAY
[LAMPCAT] INDUCTION
[LAMP] 1; 70W 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 VS,
CUTOFF CLASSIFICATION:	CUTOFF
LUMENS/LAMP:	5900
NO. OF LAMPS:	1
LUMINOUS OPENING:	RECTANGULAR
Width:	1.50 (Feet)
Length:	1.50
Height:	0.00
INPUT WATTS:	75
TER - Task Efficacy (LPW):	40 (BF = 1)
TER Category:	Area and Site

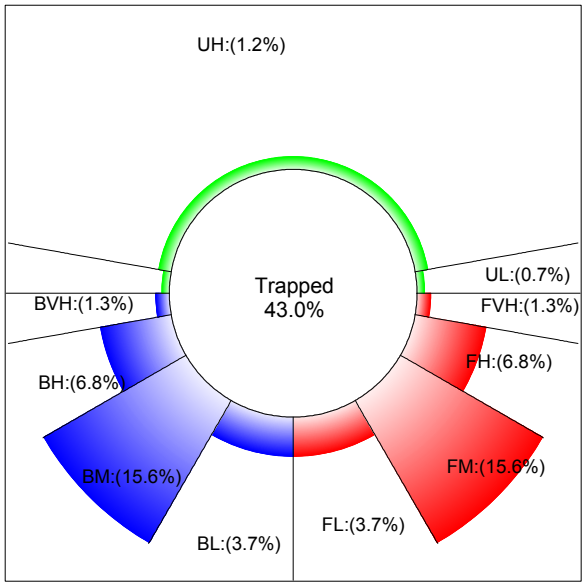
PLANE & CONE DIAGRAM



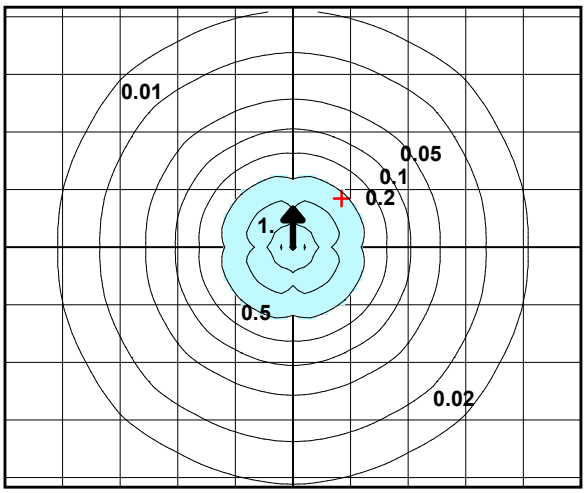
Max plane at H = 45 Max cone at V = 50
MAX CANDLEPOWER: 947.7

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

FORWARD LIGHT	Lumens	(% of Lamp Lumens)
FL (0-30):	221	(3.7%)
FM (30-60):	922	(15.6%)
FH (60-80):	404	(6.8%)
FVH(80-90):	77	(1.3%)
BACKLIGHT		
BL (0-30):	221	(3.7%)
BM (30-60):	922	(15.6%)
BH (60-80):	404	(6.8%)
BVH(80-90):	77	(1.3%)
UPLIGHT		
UL (90-100):	42	(0.7%)
UH (100-180):	72	(1.2%)
TRAPPED LIGHT:	2538	(43.0%)



ISO-ILLUMINANCE DIAGRAM (fc)



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

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:
2041 sq.ft.

+ = Point of max candela

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

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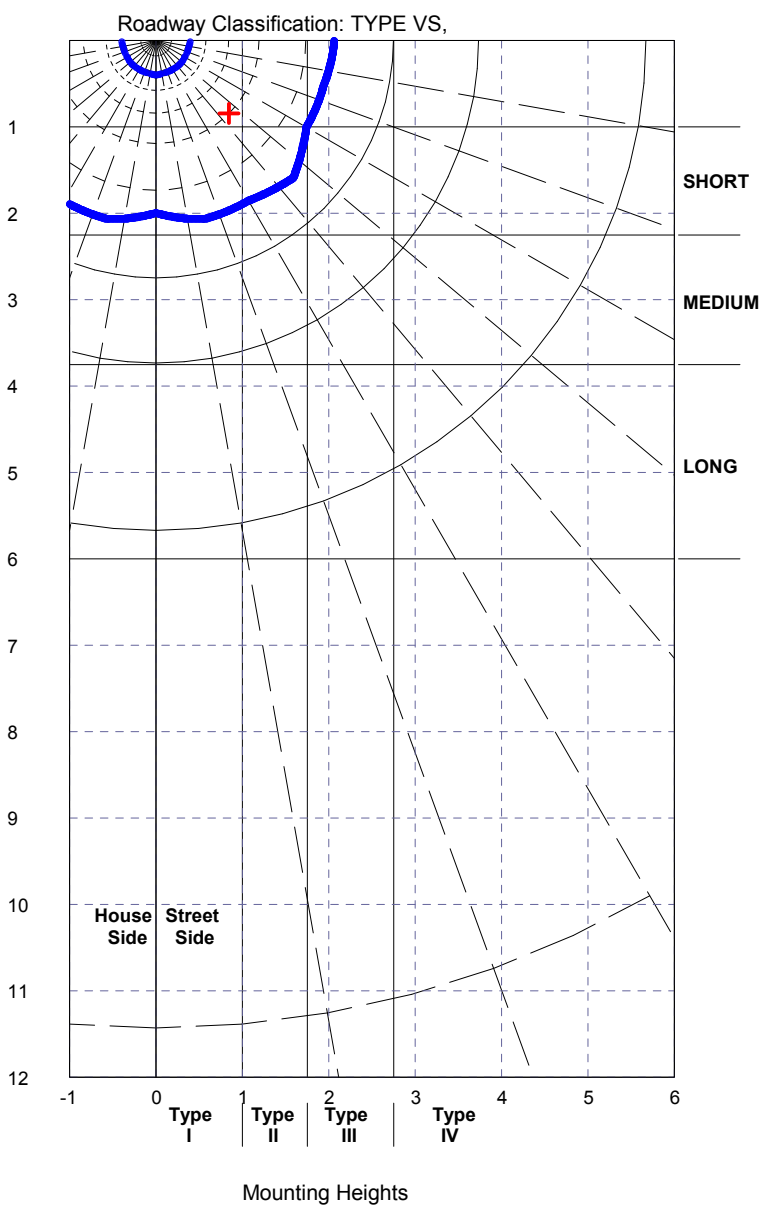

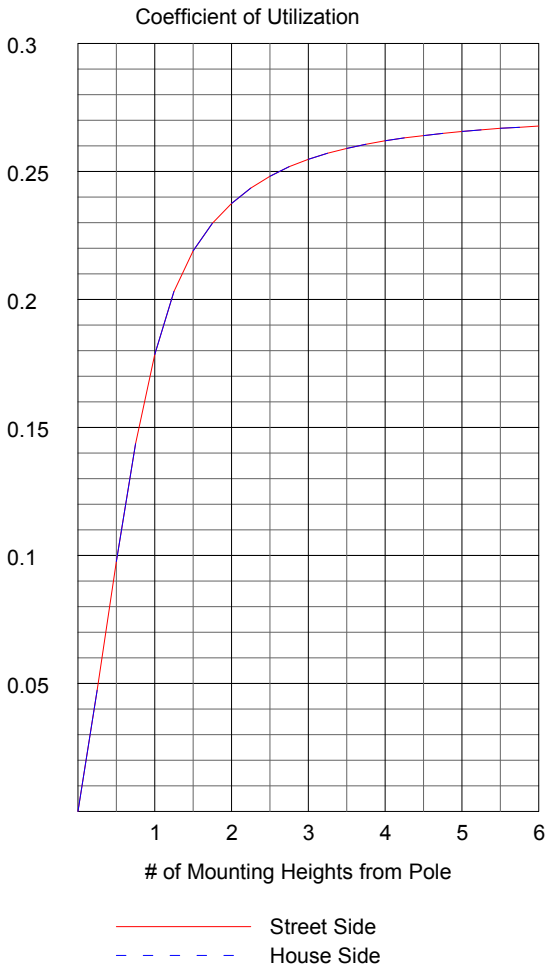

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CANDELA TABLE

Vertical Angle	Horizontal Angles 0	15	30	45	60	75	90	105	120	135	150	165
0	104	104	104	104	104	104	104	104	104	104	104	104
10	431	419	419	416	424	424	428	424	424	416	419	419
20	433	428	428	417	428	428	428	428	428	417	428	428
30	671	847	847	852	819	819	671	819	819	852	847	847
40	735	885	885	909	895	895	735	895	895	909	885	885
50	750	905	905	948	928	928	750	928	928	948	905	905
60	523	514	514	543	538	538	514	538	538	543	514	514
70	405	400	400	428	409	409	395	409	409	428	400	400
80	246	238	238	257	242	242	238	242	242	257	238	238
90	28	38	38	43	41	41	43	41	41	43	38	38
100	38	38	38	38	38	38	38	38	38	38	38	38
110	38	38	38	38	38	38	38	38	38	38	38	38
120	13	13	13	13	13	13	13	13	13	13	13	13
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 180
0	104
10	431
20	433
30	671
40	735
50	750
60	523
70	405
80	246
90	28
100	38
110	38
120	13
130	0
140	0
150	0
160	0
170	0
180	0

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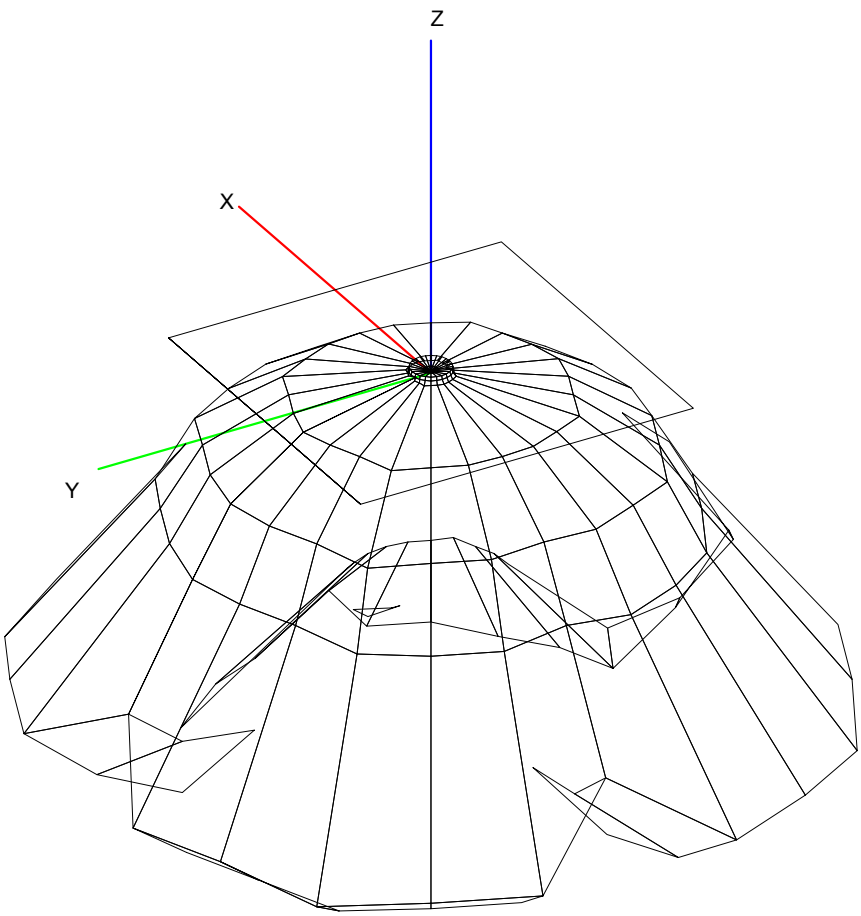

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