



Lighting ETC Inc
Catalog Number
LWP-64-U



Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.6 °C	120.0 VAC	0.4357 A	52.16 W	0.998	60 Hz	5.95 %

Summary of Results

Total Lumen Output	5237 Lumens
Luminaire Efficacy	100.5 lm/w
Maximum Candela	3076 Candela
IES Roadway Classification	Type II, Very Short
Cutoff Classification	Noncutoff
BUG Rating	B0 U4 G5
CCT	4121 K
CRI	83.2
Duv	0.0000
TM-30 Rf	82.3
TM-30 Rg	95.6

Luminaire Classification System (LCS)

LCS	Zone	Lumens	%
FL	(0-30)	228	4%
FM	(30-60)	1123	21%
FH	(60-80)	1640	31%
FVH	(80-90)	830	16%
BL	(0-30)	63	1%
BM	(30-60)	93	2%
BH	(60-80)	43	1%
BVH	(80-90)	20	0%
UL	(90-100)	561	11%
UH	(100-180)	622	12%

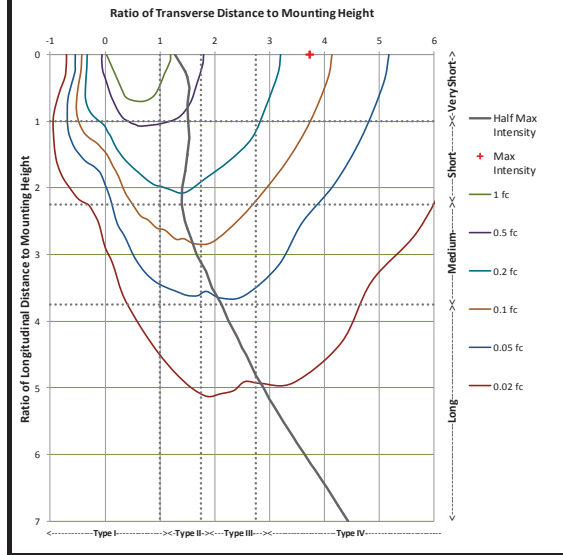
Color Rendering Index Details

Ra (CRI)	83.2
R1	81.5
R2	88.9
R3	94.1
R4	82.1
R5	81.4
R6	84.2
R7	86.8
R8	66.2
R9	11.2
R10	73.2
R11	80.7
R12	61.7
R13	83.3
R14	96.8

Chromaticity Coordinates

Chromaticity (x)	0.3754
Chromaticity (y)	0.3746
Chromaticity (u)	0.2227
Chromaticity (v)	0.3333
Chromaticity (u')	0.2227
Chromaticity (v')	0.4999

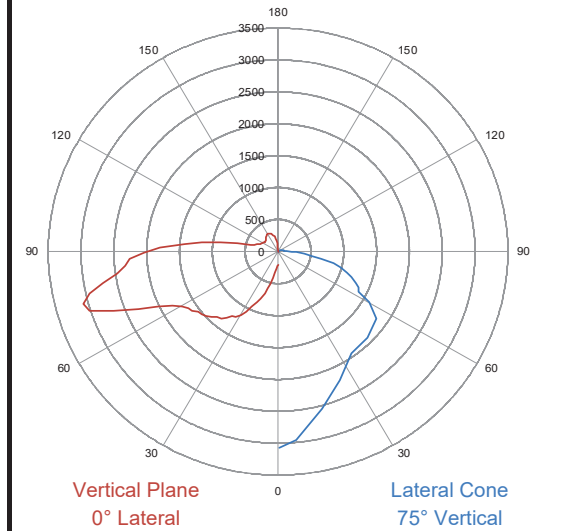
ISO FootCandle Plot at 20 Feet



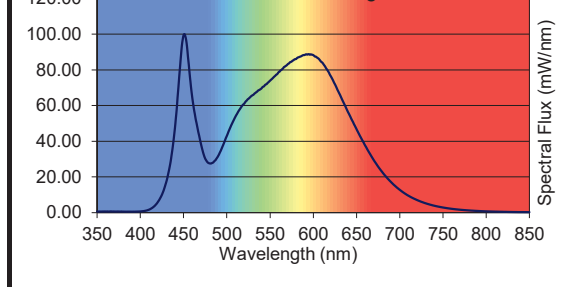
Intensity Through Maximum Plane (Candlepower)

Angle	Candlepower	Lumens
0	207	
5	267	23
10	420	
15	597	87
20	783	
25	943	182
30	1145	
35	1232	299
40	1357	
45	1434	409
50	1515	
55	1600	508
60	1695	
65	2015	736
70	2672	
75	3076	946
80	2713	
85	2337	850
90	2049	
95	1422	561
100	892	
105	429	224
110	339	
115	292	126
120	270	
125	255	90
130	252	
135	261	69
140	290	
145	305	53
150	318	
155	310	38
160	292	
165	265	19
170	208	
175	134	3
180	0	

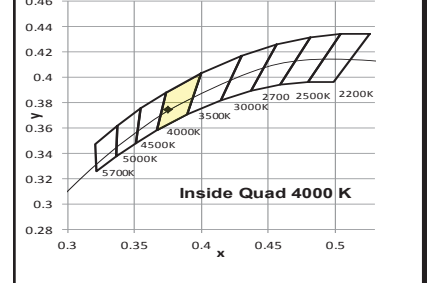
Maximum Plane and Cone Plots of Candela



Flux vs Wavelength



Nominal CCT Quadrangles



Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #12170386.01A