



RBW Studio LLC
Catalog Number
AllSew Pendant 48"

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Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.0 °C	120.0 VAC	0.3331 A	38.91 W	0.974	60 Hz	14.1 %

Summary of Results

Total Lumen Output	3731 Lumens
Luminaire Efficacy	96 lm/w
Maximum Candela	659 Candela
CCT	2726 K
CRI	91.7
Duv	0.0006
TM-30 Rf	91.1
TM-30 Rg	100.6

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	446	12.5%
0-40	687	19.3%
0-60	1184	33.2%
0-90	1851	51.9%
40-90	1164	32.7%
60-90	667	18.7%
90-180	1713	48.1%
0-180	3563	100.0%

Spacing Criteria

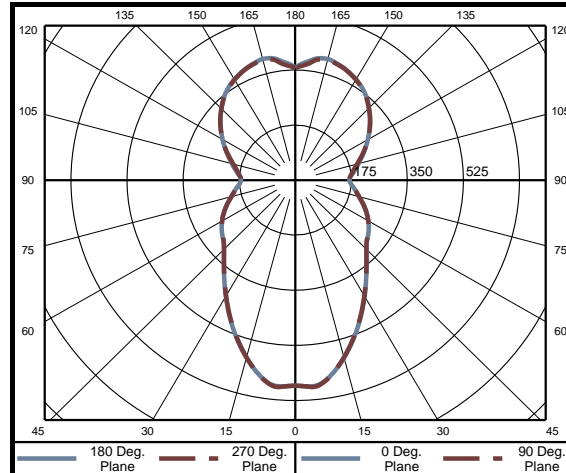
0-180	1.01
90-270	1.01

Average Luminance cd/m²

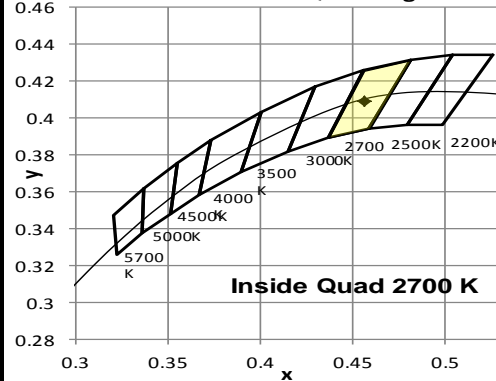
Vertical Angle	Horizontal Angle 0°
0	439
45	216
55	213
65	216
75	224
85	261

Cone of Light Tabulation

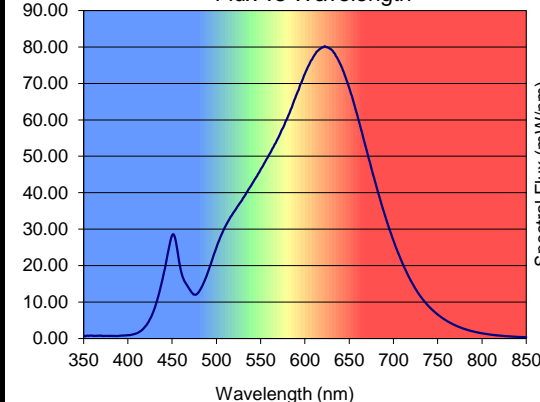
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	40.8	4.06
6.00	18.1	6.09
8.00	10.2	8.11
10.0	6.53	10.1
12.0	4.53	12.2
14.0	3.33	14.2
16.0	2.55	16.2



Nominal CCT Quadrangles



Flux vs Wavelength



Intensity (Candlepower) Summary

Angle	Mean CP	Lumens
0	653	
5	657	62
10	630	
15	578	163
20	531	
25	479	221
30	430	
35	385	241
40	346	
45	315	244
50	294	
55	282	252
60	266	
65	249	246
70	229	
75	209	222
80	193	
85	181	199
90	176	

Color Rendering Index Details

Ra (CRI)	91.7
R1	91.6
R2	95.1
R3	97.5
R4	92.0
R5	91.4
R6	94.7
R7	91.2
R8	79.7
R9	55.3
R10	88.2
R11	93.1
R12	85.5
R13	92.4
R14	97.9

Chromaticity Coordinates

Chromaticity (x)	0.4570
Chromaticity (y)	0.4091
Chromaticity (u)	0.2614
Chromaticity (v)	0.3509
Chromaticity (u')	0.2614
Chromaticity (v')	0.5263
Duv	0.0006

Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #13247821.01