



RBW Studio LLC  
Catalog Number  
AllSew Pendant 36"

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Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.9 °C	120.0 VAC	0.3331 A	38.93 W	0.974	60 Hz	14.1 %

Summary of Results

Total Lumen Output	3663 Lumens
Luminaire Efficacy	94.3 lm/w
Maximum Candela	605 Candela
CCT	2724 K
CRI	91.6
Duv	0.0005
TM-30 Rf	91.1
TM-30 Rg	100.5

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	424	12.0%
0-40	664	18.7%
0-60	1167	32.9%
0-90	1885	53.2%
40-90	1221	34.4%
60-90	718	20.3%
90-180	1660	46.8%
0-180	3545	100.0%

Spacing Criteria

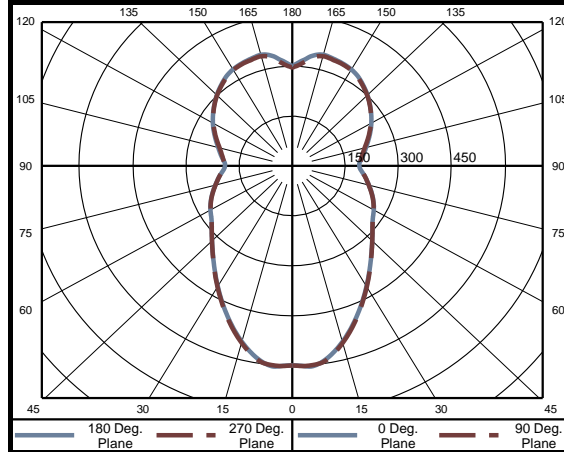
0-180	1.06
90-270	1.06

Average Luminance cd/m<sup>2</sup>

Vertical Angle	Horizontal Angle 0°
0	717
45	362
55	340
65	349
75	366
85	411

Cone of Light Tabulation

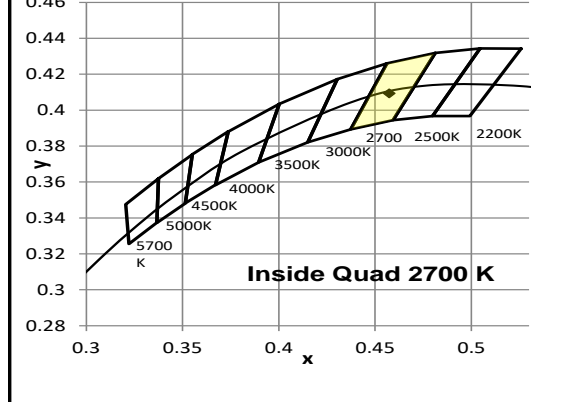
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	37.5	4.27
6.00	16.6	6.40
8.00	9.36	8.53
10.0	5.99	10.7
12.0	4.16	12.8
14.0	3.06	14.9
16.0	2.34	17.1



Intensity (Candlepower) Summary

Angle	Mean CP	Lumens
0	599	
5	602	57
10	585	
15	544	154
20	506	
25	462	213
30	420	
35	383	240
40	350	
45	322	249
50	299	
55	282	253
60	270	
65	257	255
70	243	
75	228	241
80	214	
85	203	222
90	197	

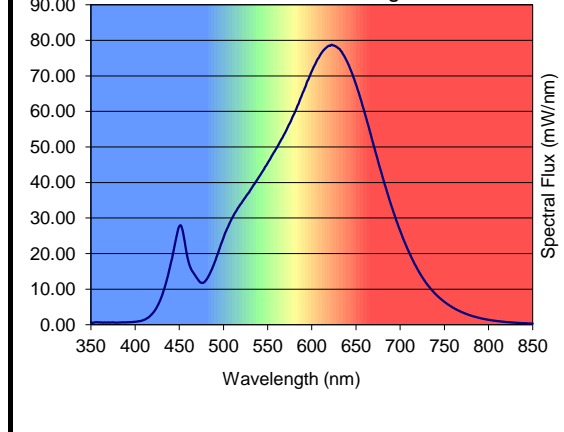
Nominal CCT Quadrangles



Color Rendering Index Details

Ra (CRI)	91.6
R1	91.6
R2	95.1
R3	97.5
R4	92.0
R5	91.4
R6	94.6
R7	91.3
R8	79.7
R9	55.2
R10	88.2
R11	93.1
R12	85.4
R13	92.4
R14	97.9

Flux vs Wavelength



Chromaticity Coordinates

Chromaticity (x)	0.4573
Chromaticity (y)	0.4093
Chromaticity (u)	0.2614
Chromaticity (v)	0.3510
Chromaticity (u')	0.2614
Chromaticity (v')	0.5265
Duv	0.0005

Testing was performed in accordance with LM-79-08  
The results contained in this summary pertain only to report #13247821.02