



RBW Studio LLC  
Catalog Number  
Vitis Chandelier

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Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.1 °C	120.2 VAC	0.06013 A	6.482 W	0.897	60 Hz	13.6 %

Summary of Results

Total Lumen Output	181.8 Lumens
Luminaire Efficacy	28.1 lm/w
Maximum Candela	31 Candela
CCT	2489 K
CRI	91.3
Duv	-0.0004
TM-30 Rf	90.8
TM-30 Rg	98.8

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	21	11.9%
0-40	33	18.9%
0-60	59	33.5%
0-90	98	55.7%
40-90	65	36.8%
60-90	39	22.2%
90-180	78	44.3%
0-180	176	100.0%

Spacing Criteria

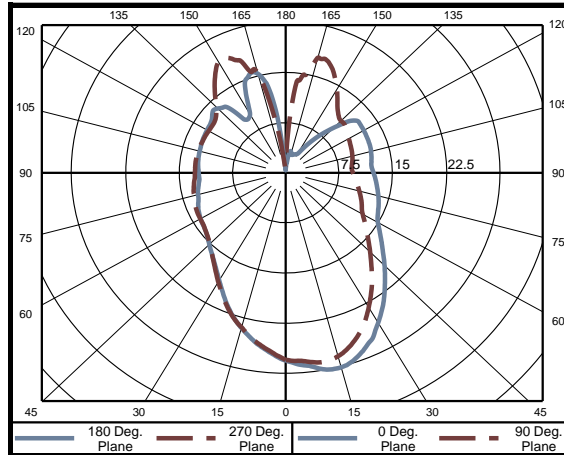
0-180	1.33
90-270	1.02

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

Vertical Angle	Horizontal Angle 0°
0	43
45	39
55	34
65	32
75	33
85	35

Cone of Light Tabulation

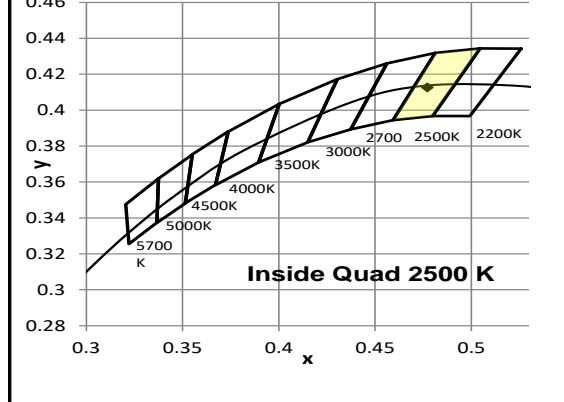
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	1.75	4.61
6.00	0.778	6.92
8.00	0.438	9.22
10.0	0.280	11.5
12.0	0.195	13.8
14.0	0.143	16.1
16.0	0.109	18.4



Intensity (Candlepower) Summary

Angle	Mean CP	Lumens
0	28	
5	28	3
10	27	
15	26	7
20	25	
25	23	11
30	22	
35	20	12
40	18	
45	16	13
50	15	
55	14	13
60	14	
65	13	13
70	13	
75	12	13
80	12	
85	12	13
90	12	

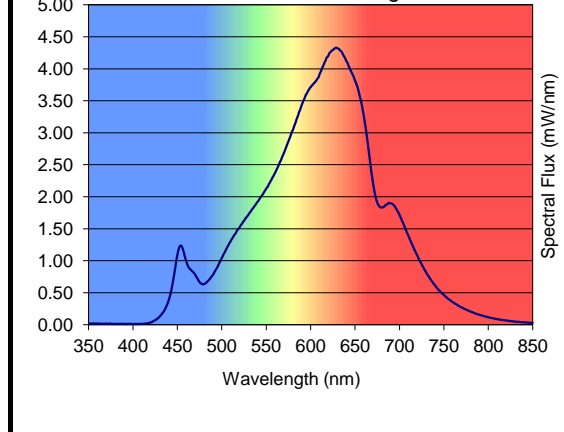
Nominal CCT Quadrangles



Color Rendering Index Details

Ra (CRI)	91.3
R1	91
R2	96.4
R3	98.4
R4	90.2
R5	91
R6	96.5
R7	89.3
R8	77.4
R9	53.5
R10	91.2
R11	91.3
R12	85.0
R13	92.4
R14	99.5

Flux vs Wavelength



Chromaticity Coordinates

Chromaticity (x)	0.4771
Chromaticity (y)	0.4126
Chromaticity (u)	0.2727
Chromaticity (v)	0.3538
Chromaticity (u')	0.2727
Chromaticity (v')	0.5307
Duv	-0.0004

Testing was performed in accordance with LM-79-08  
The results contained in this summary pertain only to report #13247821.05