



RBW Studio LLC

Catalog Number

Hoist Sconce Bare Medium

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Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.1 °C	120.0 VAC	0.07532 A	8.778 W	0.971	60 Hz	24.6 %

Summary of Results

Total Lumen Output	658.4 Lumens
Luminaire Efficacy	74.9 lm/w
Maximum Candela	81 Candela
CCT	2686 K
CRI	82.4
Duv	0.0008
TM-30 Rf	83.5
TM-30 Rg	96.2

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	51	7.8%
0-40	89	13.5%
0-60	183	27.9%
0-90	345	52.7%
40-90	257	39.2%
60-90	162	24.8%
90-180	310	47.3%
0-180	656	100.0%

Spacing Criteria

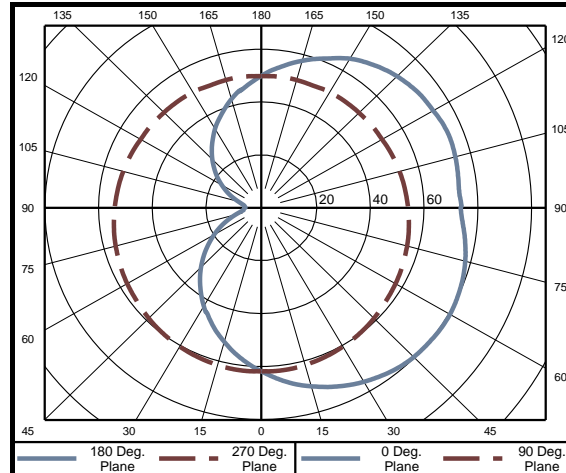
0-180	1.87
90-270	1.04

Average Luminance cd/m²

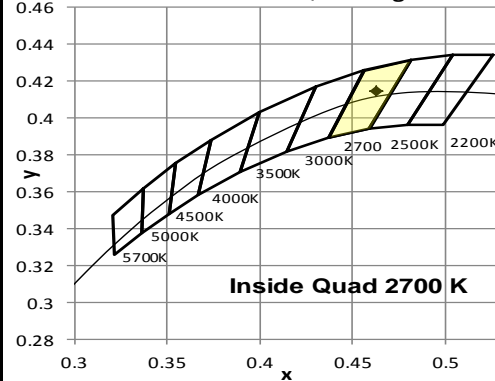
Vertical Angle	Horizontal Angle 0°
0	3839
45	3502
55	3592
65	3740
75	3963
85	4296

Cone of Light Tabulation

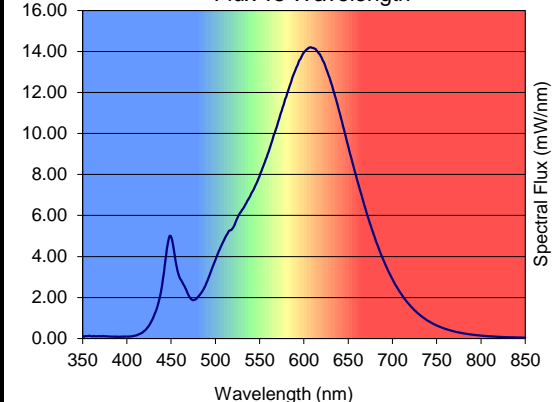
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	3.87	5.87
6.00	1.72	8.81
8.00	0.967	11.7
10.0	0.619	14.7
12.0	0.430	17.6
14.0	0.316	20.6
16.0	0.242	23.5



Nominal CCT Quadrangles



Flux vs Wavelength



Intensity (Candlepower) Summary

Angle	Mean CP	Lumens
0	62	
5	62	6
10	62	
15	61	17
20	61	
25	61	28
30	60	
35	59	37
40	59	
45	58	45
50	57	
55	56	50
60	55	
65	54	53
70	53	
75	52	55
80	51	
85	50	55
90	49	

Color Rendering Index Details

Ra (CRI)	82.4
R1	80.3
R2	90.2
R3	97.3
R4	80.2
R5	80.2
R6	88.5
R7	83.2
R8	59.2
R9	10.5
R10	78.1
R11	79.1
R12	73.2
R13	82.3
R14	99.0

Chromaticity Coordinates

Chromaticity (x)	0.4631
Chromaticity (y)	0.4147
Chromaticity (u)	0.2627
Chromaticity (v)	0.3529
Chromaticity (u')	0.2627
Chromaticity (v')	0.5294
Duv	0.0008

Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #11983880.01