



RBW Studio LLC
Catalog Number
VS-1-SM

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Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.5 °C	120.1 VAC	0.06017 A	6.489 W	0.898	60 Hz	13.5 %

Summary of Results

Total Lumen Output	143 Lumens
Luminaire Efficacy	22.1 lm/w
Maximum Candela	23 Candela
CCT	2582 K
CRI	95.0
Duv	-0.0032
TM-30 Rf	93.0
TM-30 Rg	101.3

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	15	11.2%
0-40	24	17.2%
0-60	41	29.8%
0-90	72	52.7%
40-90	48	35.5%
60-90	31	22.8%
90-180	65	47.3%
0-180	137	100.0%

Spacing Criteria

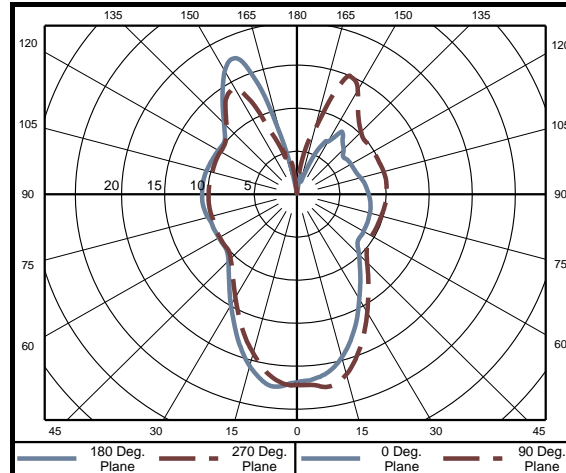
0-180	1.01
90-270	1.03

Average Luminance cd/m²

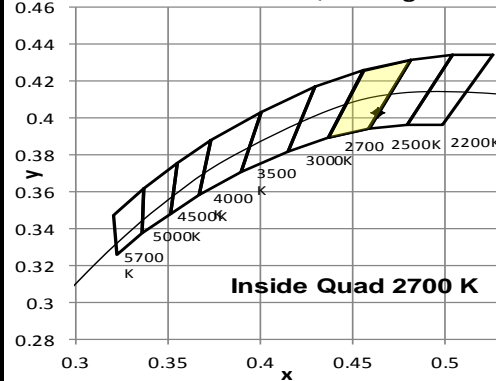
Vertical Angle	Horizontal Angle 0°
0	2711
45	#NUM!
55	#NUM!
65	#NUM!
75	#NUM!
85	#NUM!

Cone of Light Tabulation

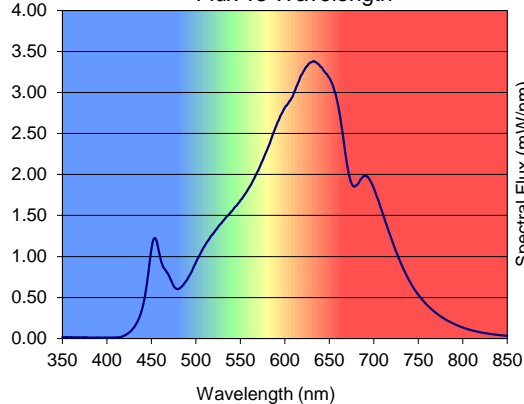
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	1.37	4.12
6.00	0.611	6.18
8.00	0.343	8.24
10.0	0.220	10.3
12.0	0.153	12.4
14.0	0.112	14.4
16.0	0.0859	16.5



Nominal CCT Quadrangles



Flux vs Wavelength



Intensity (Candlepower) Summary

Angle	Mean CP	Lumens
0	22	
5	22	2
10	21	
15	20	6
20	18	
25	16	8
30	15	
35	13	8
40	12	
45	11	8
50	10	
55	10	9
60	10	
65	10	10
70	10	
75	10	10
80	10	
85	10	11
90	10	

Color Rendering Index Details

Ra (CRI)	95.0
R1	96.7
R2	99.1
R3	97.7
R4	95.4
R5	97.1
R6	96.1
R7	91.9
R8	86.2
R9	73.3
R10	98.3
R11	96.8
R12	88.2
R13	97.9
R14	99.5

Chromaticity Coordinates

Chromaticity (x)	0.4641
Chromaticity (y)	0.4031
Chromaticity (u)	0.2687
Chromaticity (v)	0.3501
Chromaticity (u')	0.2687
Chromaticity (v')	0.5251
Duv	-0.0032

Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #13286208.01