



RBW Studio LLC
Catalog Number
DP-S4-27-120-TR-IPXX

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Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.5 °C	120.0 VAC	0.06866 A	7.292 W	0.885	60 Hz	52.3 %

Summary of Results

Total Lumen Output	277.8 Lumens
Luminaire Efficacy	38.3 lm/w
Maximum Candela	51 Candela
CCT	2595 K
CRI	93.1
Duv	-0.0011
TM-30 Rf	92.0
TM-30 Rg	99.5

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	18	6.7%
0-40	32	11.6%
0-60	69	24.9%
0-90	142	51.1%
40-90	110	39.5%
60-90	73	26.2%
90-180	136	48.9%
0-180	277	100.0%

Spacing Criteria

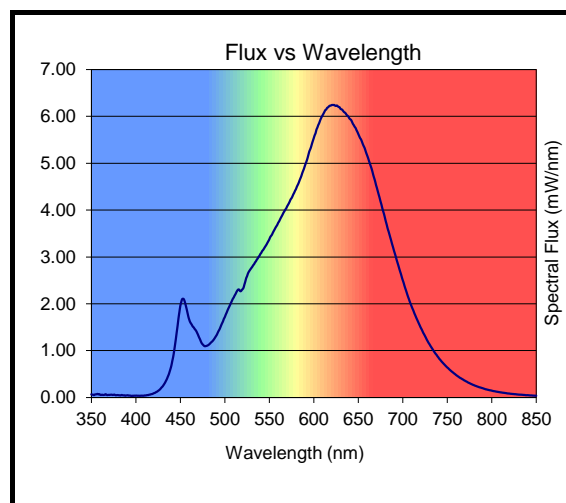
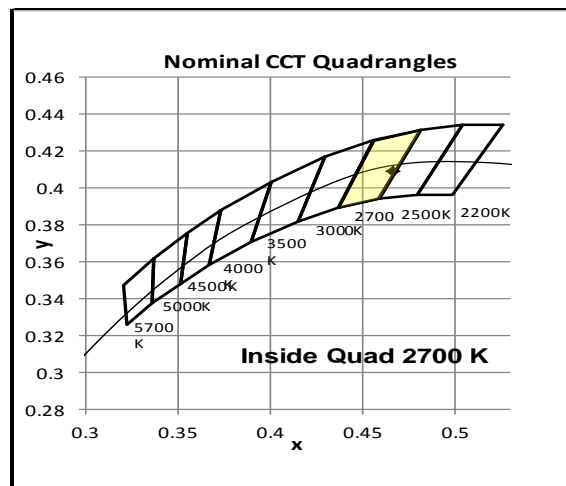
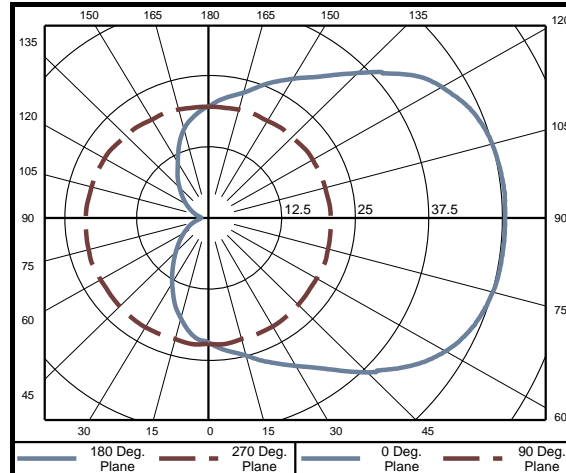
0-180	2.37
90-270	0.93

Average Luminance cd/m²

Vertical Angle	Horizontal Angle 0°
0	2726
45	2239
55	2480
65	2681
75	2834
85	3007

Cone of Light Tabulation

Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	1.37	6.05
6.00	0.611	9.08
8.00	0.343	12.1
10.0	0.220	15.1
12.0	0.153	18.2
14.0	0.112	21.2
16.0	0.0859	24.2



Intensity (Candlepower) Summary

Angle	Mean CP	Lumens
0	22	
5	22	2
10	22	
15	22	6
20	22	
25	22	10
30	22	
35	22	14
40	22	
45	22	17
50	22	
55	22	20
60	23	
65	23	23
70	23	
75	23	25
80	23	
85	23	25
90	23	

Color Rendering Index Details

Ra (CRI)	93.1
R1	93.5
R2	97.4
R3	98.7
R4	92.5
R5	93.2
R6	96.8
R7	91.2
R8	81.5
R9	61.3
R10	92.7
R11	93.3
R12	85.6
R13	94.6
R14	98.8

Chromaticity Coordinates

Chromaticity (x)	0.4668
Chromaticity (y)	0.4093
Chromaticity (u)	0.2675
Chromaticity (v)	0.3519
Chromaticity (u')	0.2675
Chromaticity (v')	0.5279
Duv	-0.0011

Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #13066746.04