



RBW Studio LLC

Catalog Number

DP-S2-27-120-TM-DEX-IPXX

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Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.4 °C	120.0 VAC	0.06400 A	7.445 W	0.970	60 Hz	14.1 %

Summary of Results

Total Lumen Output	165.8 Lumens
Luminaire Efficacy	22.3 lm/w
Maximum Candela	27 Candela
CCT	2515 K
CRI	96.5
Duv	-0.0032
TM-30 Rf	93.7
TM-30 Rg	106.1

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	10	6.3%
0-40	18	11.3%
0-60	40	24.9%
0-90	81	50.5%
40-90	63	39.3%
60-90	41	25.7%
90-180	79	49.5%
0-180	160	100.0%

Spacing Criteria

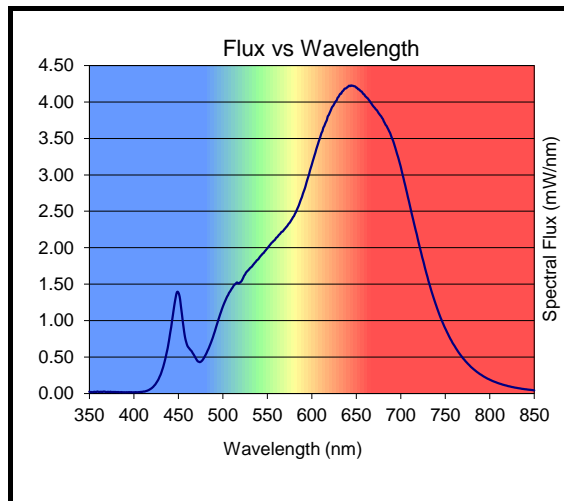
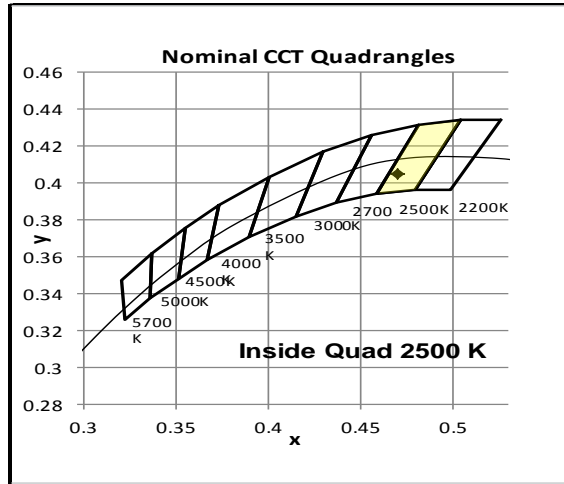
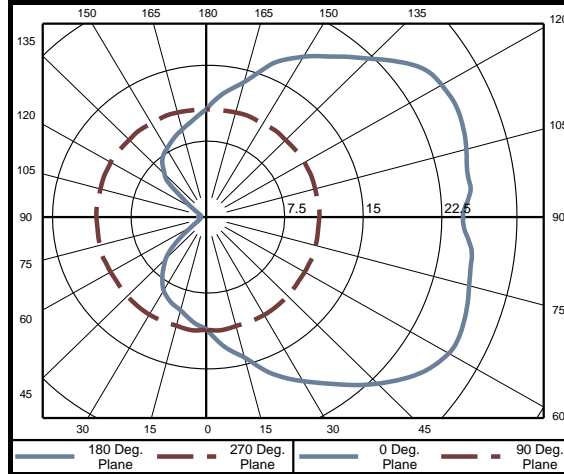
0-180	2.67
90-270	1.13

Average Luminance cd/m²

Vertical Angle	Horizontal Angle 0°
0	1378
45	1360
55	1466
65	1499
75	1484
85	1511

Cone of Light Tabulation

Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	0.695	6.94
6.00	0.309	10.4
8.00	0.174	13.9
10.0	0.111	17.4
12.0	0.0772	20.8
14.0	0.0567	24.3
16.0	0.0434	27.8



Intensity (Candlepower) Summary

Angle	Mean CP	Lumens
0	11	
5	11	1
10	12	
15	12	3
20	12	
25	12	6
30	13	
35	13	8
40	13	
45	13	10
50	13	
55	13	12
60	13	
65	13	13
70	13	
75	13	14
80	13	
85	13	14
90	13	

Color Rendering Index Details

Ra (CRI)	96.5
R1	96.6
R2	98.5
R3	96.7
R4	93.3
R5	96.1
R6	96.2
R7	96.9
R8	98.0
R9	98.5
R10	97.7
R11	89.6
R12	96.6
R13	96.6
R14	97.3

Chromaticity Coordinates

Chromaticity (x)	0.4703
Chromaticity (y)	0.4048
Chromaticity (u)	0.2720
Chromaticity (v)	0.3511
Chromaticity (u')	0.2720
Chromaticity (v')	0.5267
Duv	-0.0032

Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #13066746.06