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RBW Studio LLC  
Catalog Number  
DP-S4-27-120-TM-DEX-IPXX

Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.8 °C	120.0 VAC	0.06404 A	7.449 W	0.970	60 Hz	14.2 %

Summary of Results

Total Lumen Output	367.1 Lumens
Luminaire Efficacy	49.3 lm/w
Maximum Candela	69 Candela
CCT	2525 K
CRI	94.4
Duv	-0.0014
TM-30 Rf	91.9
TM-30 Rg	102.9

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	23	6.2%
0-40	40	10.9%
0-60	86	23.8%
0-90	182	50.0%
40-90	142	39.1%
60-90	95	26.2%
90-180	182	50.0%
0-180	363	100.0%

Spacing Criteria

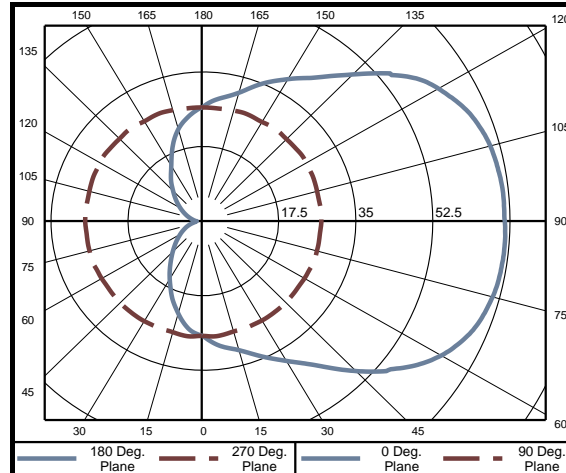
0-180	2.51
90-270	0.91

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

Vertical Angle	Horizontal Angle 0°
0	3339
45	2911
55	3313
65	3644
75	3875
85	4117

Cone of Light Tabulation

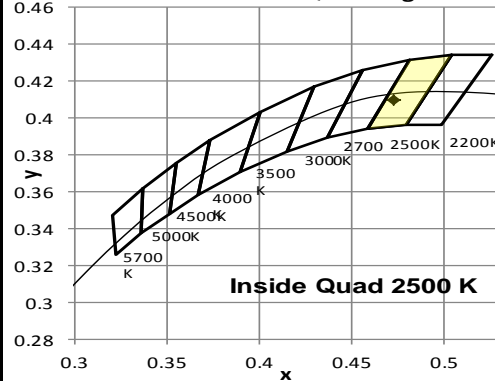
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	1.68	6.12
6.00	0.748	9.18
8.00	0.421	12.2
10.0	0.269	15.3
12.0	0.187	18.4
14.0	0.137	21.4
16.0	0.105	24.5



Intensity (Candlepower) Summary

Angle	Mean CP	Lumens
0	27	
5	27	3
10	27	
15	27	8
20	27	
25	27	12
30	27	
35	27	17
40	27	
45	27	21
50	28	
55	29	26
60	29	
65	30	30
70	30	
75	30	32
80	30	
85	31	33
90	31	

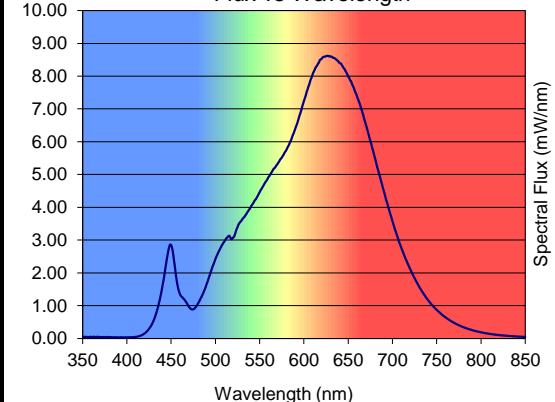
Nominal CCT Quadrangles



Color Rendering Index Details

Ra (CRI)	94.4
R1	95.3
R2	97.0
R3	97.1
R4	95.1
R5	95
R6	97.0
R7	93.2
R8	85.7
R9	69.2
R10	92.4
R11	96.3
R12	90.8
R13	95.8
R14	97.4

Flux vs Wavelength



Chromaticity Coordinates

Chromaticity (x)	0.4727
Chromaticity (y)	0.4101
Chromaticity (u)	0.2710
Chromaticity (v)	0.3527
Chromaticity (u')	0.2710
Chromaticity (v')	0.5291
Duv	-0.0014

Testing was performed in accordance with LM-79-08  
The results contained in this summary pertain only to report #13066746.08