



RBW Studio LLC

Catalog Number

DP-S1-27-120-TM-DEX-IPXX

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Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.6 °C	120.0 VAC	0.06401 A	7.448 W	0.970	60 Hz	14.1 %

Summary of Results

Total Lumen Output	315.2 Lumens
Luminaire Efficacy	42.3 lm/w
Maximum Candela	40 Candela
CCT	2466 K
CRI	94.6
Duv	-0.0010
TM-30 Rf	92.1
TM-30 Rg	102.8

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	21	6.6%
0-40	37	11.9%
0-60	81	25.9%
0-90	157	50.4%
40-90	120	38.5%
60-90	76	24.5%
90-180	155	49.6%
0-180	312	100.0%

Spacing Criteria

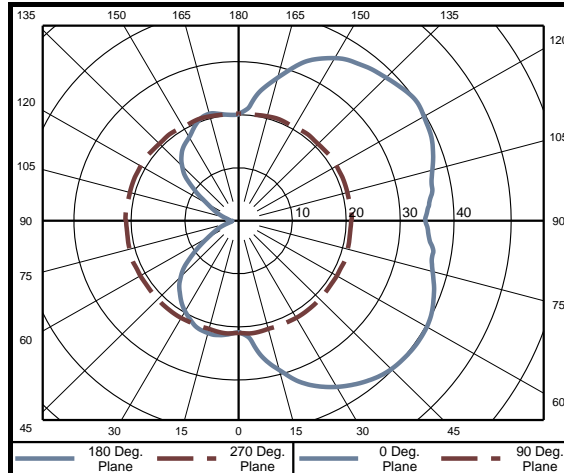
0-180	2.39
90-270	1.36

Average Luminance cd/m²

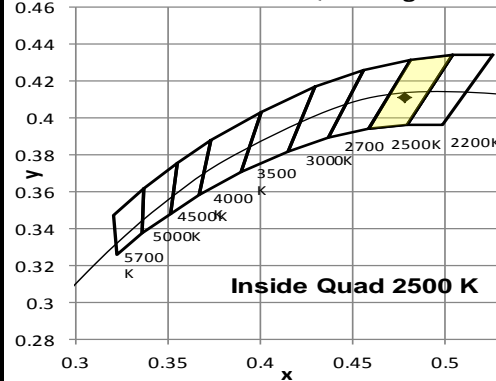
Vertical Angle	Horizontal Angle 0°
0	2613
45	2317
55	2251
65	2183
75	2091
85	2096

Cone of Light Tabulation

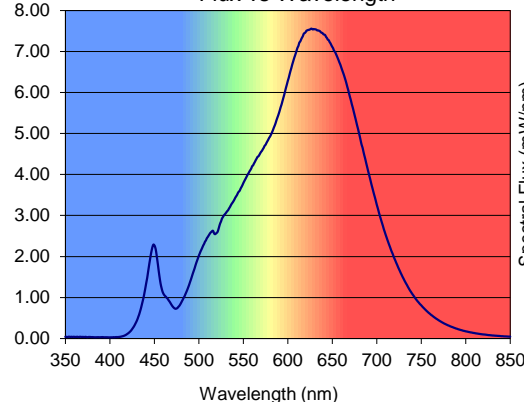
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	1.32	7.36
6.00	0.585	11.0
8.00	0.329	14.7
10.0	0.211	18.4
12.0	0.146	22.1
14.0	0.108	25.8
16.0	0.0823	29.4



Nominal CCT Quadrangles



Flux vs Wavelength



Intensity (Candlepower) Summary

Angle	Mean CP	Lumens
0	21	
5	22	2
10	23	
15	24	7
20	25	
25	26	12
30	26	
35	26	17
40	26	
45	26	20
50	26	
55	26	23
60	25	
65	25	25
70	25	
75	24	26
80	24	
85	24	26
90	24	

Color Rendering Index Details

Ra (CRI)	94.6
R1	95.5
R2	97.2
R3	97.2
R4	95.4
R5	95.3
R6	97.3
R7	93.3
R8	85.9
R9	69.9
R10	92.8
R11	96.6
R12	91.5
R13	96
R14	97.5

Chromaticity Coordinates

Chromaticity (x)	0.4781
Chromaticity (y)	0.4112
Chromaticity (u)	0.2741
Chromaticity (v)	0.3536
Chromaticity (u')	0.2741
Chromaticity (v')	0.5303
Duv	-0.0010

Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #13066746.05