



RBW Studio LLC  
Catalog Number  
DP-S1-27-120-TR-IPXX

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Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.3 °C	120.0 VAC	0.06864 A	7.284 W	0.885	60 Hz	52.6 %

Summary of Results

Total Lumen Output	236.9 Lumens
Luminaire Efficacy	32.7 lm/w
Maximum Candela	30 Candela
CCT	2535 K
CRI	93.3
Duv	-0.0011
TM-30 Rf	92.1
TM-30 Rg	99.6

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	16	6.7%
0-40	29	12.1%
0-60	62	26.2%
0-90	121	50.9%
40-90	92	38.8%
60-90	58	24.6%
90-180	117	49.1%
0-180	238	100.0%

Spacing Criteria

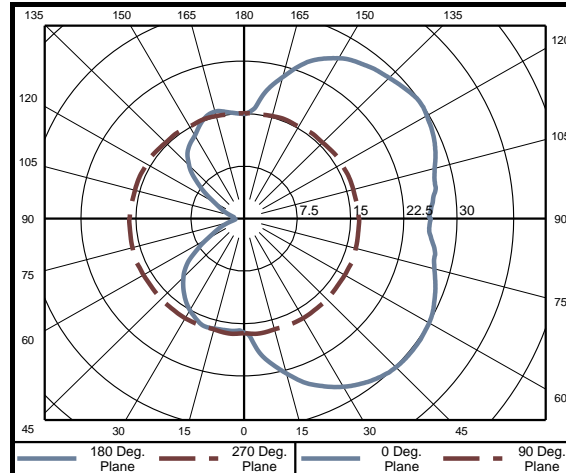
0-180	2.35
90-270	1.36

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

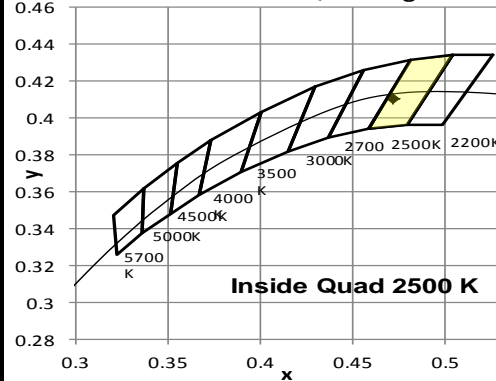
Vertical Angle	Horizontal Angle 0°
0	2028
45	1753
55	1686
65	1622
75	1556
85	1553

Cone of Light Tabulation

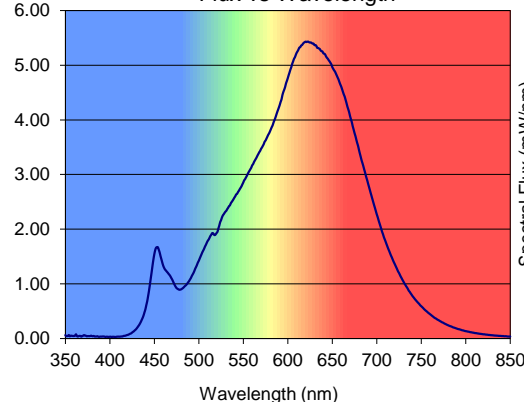
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	1.02	7.32
6.00	0.454	11.0
8.00	0.256	14.6
10.0	0.164	18.3
12.0	0.114	22.0
14.0	0.0834	25.6
16.0	0.0639	29.3



Nominal CCT Quadrangles



Flux vs Wavelength



Intensity (Candlepower) Summary

Angle	Mean CP	Lumens
0	16	
5	17	2
10	18	
15	18	5
20	19	
25	20	9
30	20	
35	20	13
40	20	
45	20	16
50	20	
55	20	18
60	20	
65	19	19
70	19	
75	19	20
80	18	
85	18	20
90	18	

Color Rendering Index Details

Ra (CRI)	93.3
R1	93.6
R2	97.4
R3	98.8
R4	92.8
R5	93.3
R6	97.0
R7	91.3
R8	81.8
R9	62.1
R10	92.9
R11	93.6
R12	86.2
R13	94.7
R14	98.8

Chromaticity Coordinates

Chromaticity (x)	0.4723
Chromaticity (y)	0.4108
Chromaticity (u)	0.2704
Chromaticity (v)	0.3529
Chromaticity (u')	0.2704
Chromaticity (v')	0.5293
Duv	-0.0011

Testing was performed in accordance with LM-79-08  
The results contained in this summary pertain only to report #13066746.01