



RBW Studio LLC

Catalog Number

DP-S3-27-120-TM-DEX-IPXX

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Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.7 °C	120.0 VAC	0.06373 A	7.441 W	0.973	60 Hz	13.7 %

Summary of Results

Total Lumen Output	216.5 Lumens
Luminaire Efficacy	29.1 lm/w
Maximum Candela	36 Candela
CCT	1752 K
CRI	82.9
Duv	0.0009
TM-30 Rf	84.8
TM-30 Rg	95.1

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	13	5.9%
0-40	23	10.9%
0-60	52	24.3%
0-90	107	49.9%
40-90	84	39.0%
60-90	55	25.5%
90-180	108	50.1%
0-180	215	100.0%

Spacing Criteria

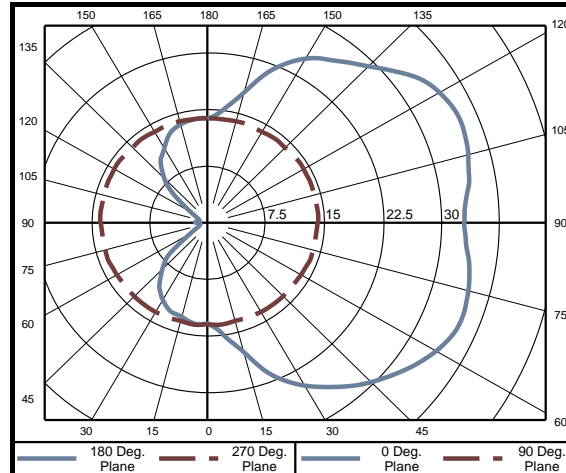
0-180	2.73
90-270	1.29

Average Luminance cd/m²

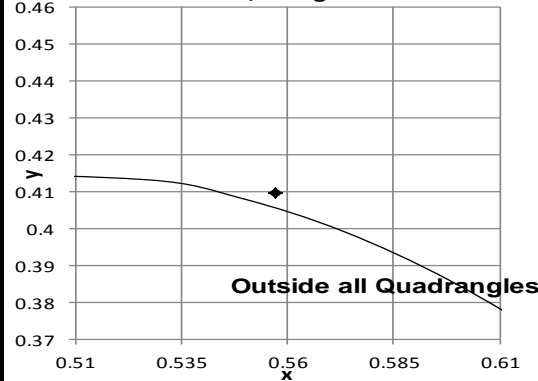
Vertical Angle	Horizontal Angle 0°
0	1663
45	1745
55	1838
65	1940
75	1974
85	1999

Cone of Light Tabulation

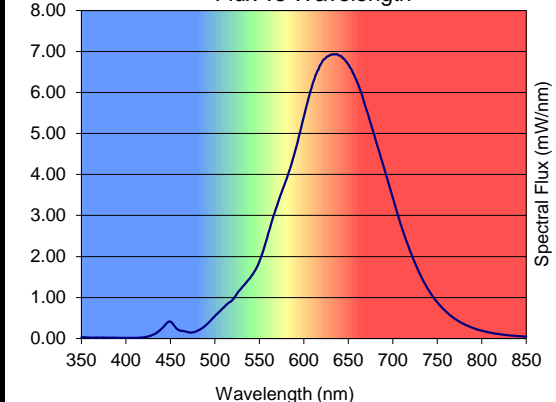
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	0.838	7.49
6.00	0.373	11.2
8.00	0.210	15.0
10.0	0.134	18.7
12.0	0.0931	22.5
14.0	0.0684	26.2
16.0	0.0524	29.9



CIE 1931, 2 Degree - Detail



Flux vs Wavelength



Intensity (Candlepower) Summary

Angle	Mean CP	Lumens
0	13	
5	14	1
10	14	
15	14	4
20	15	
25	16	7
30	16	
35	17	11
40	17	
45	17	13
50	17	
55	17	16
60	17	
65	17	17
70	18	
75	18	19
80	17	
85	17	19
90	17	

Color Rendering Index Details

Ra (CRI)	82.9
R1	80.8
R2	91.3
R3	96.9
R4	77.8
R5	79.3
R6	90.8
R7	83.2
R8	63.1
R9	30.7
R10	81.9
R11	76
R12	80.9
R13	82.2
R14	99.6

Chromaticity Coordinates

Chromaticity (x)	0.5573
Chromaticity (y)	0.4096
Chromaticity (u)	0.3278
Chromaticity (v)	0.3614
Chromaticity (u')	0.3278
Chromaticity (v')	0.5420
Duv	0.0009

Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #13066746.07