



RBW Studio LLC
Catalog Number
DP-S3-27-120-TR-IPXX

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Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.5 °C	120.0 VAC	0.06871 A	7.297 W	0.885	60 Hz	52.5 %

Summary of Results

Total Lumen Output	164 Lumens
Luminaire Efficacy	22.7 lm/w
Maximum Candela	27 Candela
CCT	1793 K
CRI	80.8
Duv	0.0011
TM-30 Rf	84.7
TM-30 Rg	93.0

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	11	6.6%
0-40	20	11.9%
0-60	43	26.1%
0-90	86	51.9%
40-90	66	40.1%
60-90	43	25.8%
90-180	79	48.1%
0-180	165	100.0%

Spacing Criteria

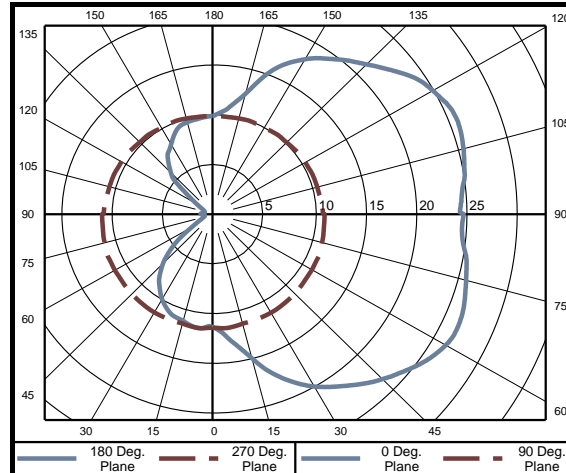
0-180	2.60
90-270	1.28

Average Luminance cd/m²

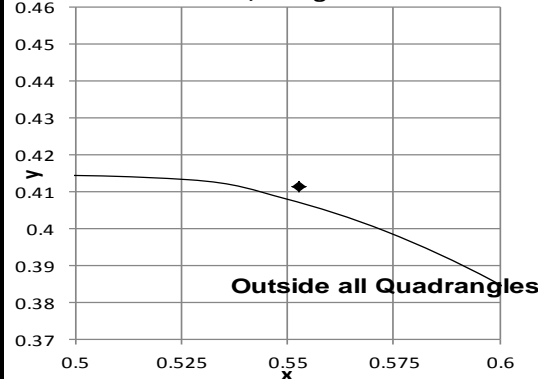
Vertical Angle	Horizontal Angle 0°
0	1412
45	1374
55	1439
65	1478
75	1460
85	1468

Cone of Light Tabulation

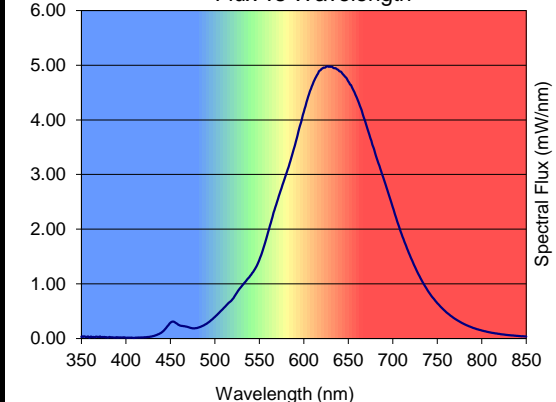
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	0.712	7.28
6.00	0.316	10.9
8.00	0.178	14.6
10.0	0.114	18.2
12.0	0.0791	21.9
14.0	0.0581	25.5
16.0	0.0445	29.1



CIE 1931, 2 Degree - Detail



Flux vs Wavelength



Intensity (Candlepower) Summary

Angle	Mean CP	Lumens
0	11	
5	12	1
10	12	
15	12	4
20	13	
25	13	6
30	14	
35	14	9
40	14	
45	14	11
50	14	
55	14	13
60	14	
65	14	14
70	14	
75	14	14
80	13	
85	13	15
90	13	

Color Rendering Index Details

Ra (CRI)	80.8
R1	78.5
R2	90.5
R3	95.6
R4	74.6
R5	76.9
R6	89.6
R7	81.5
R8	59.1
R9	22.9
R10	80.3
R11	71.6
R12	78.0
R13	80.2
R14	98.9

Chromaticity Coordinates

Chromaticity (x)	0.5528
Chromaticity (y)	0.4116
Chromaticity (u)	0.3236
Chromaticity (v)	0.3614
Chromaticity (u')	0.3236
Chromaticity (v')	0.5421
Duv	0.0011

Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #13066746.03