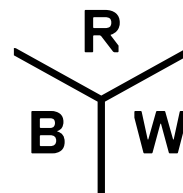




RBW Studio LLC
Catalog Number
SP-20W (Optic 24deg)



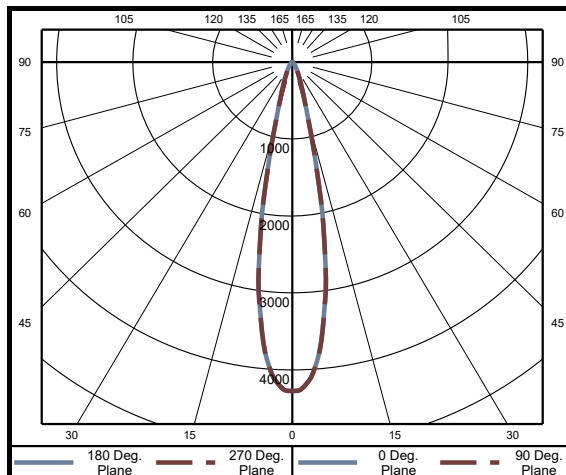
RBW.COM

Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.5 °C	120.0 VAC	0.1050 A	12.46 W	0.989	60 Hz	12.5 %

Summary of Results

Total Lumen Output	784.8 Lumens
Luminaire Efficacy	63.1 lm/w
Maximum Candela	4275 Candela
CCT	2774 K
CRI	90.9
Duv	0.0006
TM-30 Rf	90.0
TM-30 Rg	101.0



Intensity (Candlepower) Summary

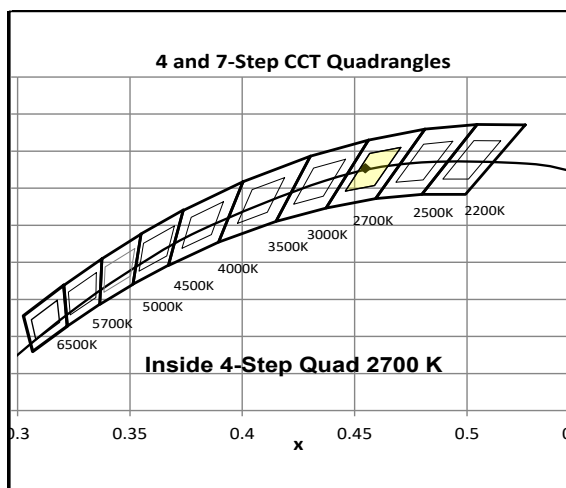
Angle	Mean CP	Lumens
0	4275	
5	3873	326
10	2497	
15	954	292
20	402	
25	219	104
30	131	
35	85	54
40	52	
45	28	21
50	7	
55	4	4
60	3	
65	2	2
70	0	
75	0	0
80	0	
85	0	0
90	0	

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	721	89.9%
0-40	775	96.6%
0-60	800	99.8%
0-90	802	100.0%
40-90	27	3.4%
60-90	2	0.2%
90-180	0	0.0%
0-180	802	100.0%

Spacing Criteria

0-180	0.38
90-270	0.38

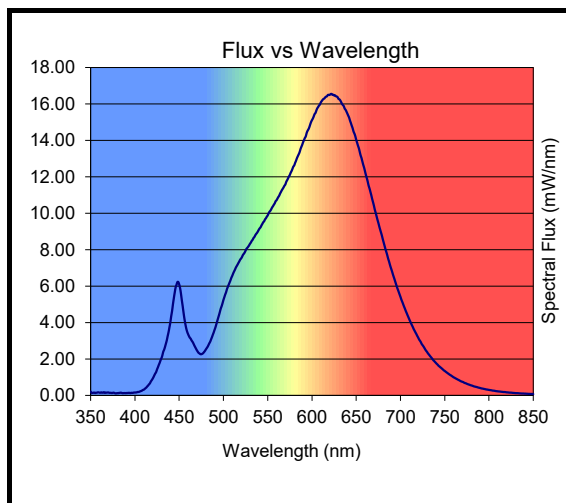


Color Rendering Index Details

Ra (CRI)	90.9
R1	90.9
R2	93.9
R3	96
R4	91.9
R5	90.5
R6	93.0
R7	91.6
R8	79.7
R9	53.6
R10	85.4
R11	93
R12	82.9
R13	91.5
R14	97.0

Average Luminance cd/m²

Vertical Angle	Horizontal Angle 0°
0	21090
45	196
55	35
65	23
75	1
85	2



Cone of Light Tabulation

Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	267	1.52
6.00	119	2.27
8.00	66.8	3.03
10.0	42.8	3.79
12.0	29.7	4.55
14.0	21.8	5.31
16.0	16.7	6.07

Chromaticity Coordinates

Chromaticity (x)	0.4547
Chromaticity (y)	0.4108
Chromaticity (u)	0.2590
Chromaticity (v)	0.3511
Chromaticity (u')	0.2590
Chromaticity (v')	0.5267
Duv	0.0006

Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #15425123.02