



# RBW Studio LLC

Catalog Number

PAS-1D-AAXX-F-27-120-TR-IPXX

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## Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.3 °C	120.1 VAC	0.07015 A	7.483 W	0.888	60 Hz	51.6 %

## Summary of Results

Total Lumen Output	429.9 Lumens
Luminaire Efficacy	57.5 lm/w
Maximum Candela	80 Candela
CCT	2684 K
CRI	91.5
Duv	-0.0008
TM-30 Rf	90.8
TM-30 Rg	98.6

## Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	30	6.7%
0-40	52	11.7%
0-60	112	25.2%
0-90	226	50.9%
40-90	174	39.2%
60-90	114	25.7%
90-180	218	49.1%
0-180	444	100.0%

## Spacing Criteria

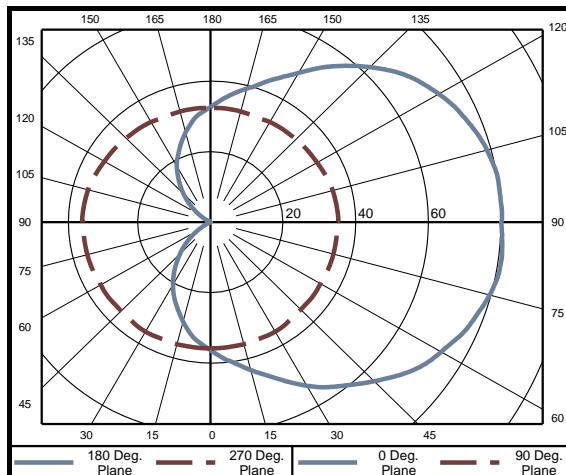
0-180	2.40
90-270	0.92

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

Vertical Angle	Horizontal Angle 0°
0	3628
45	3439
55	3732
65	4007
75	4345
85	4709

## Cone of Light Tabulation

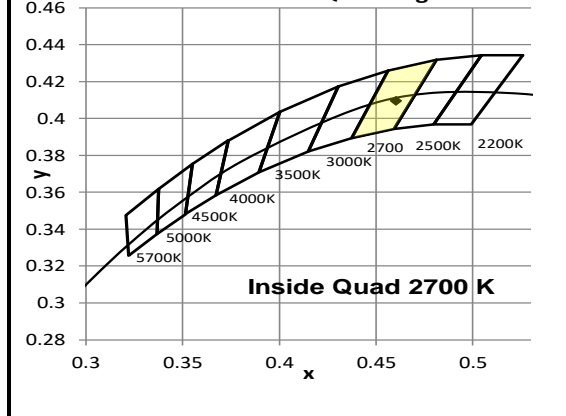
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	2.19	6.21
6.00	0.975	9.31
8.00	0.549	12.4
10.0	0.351	15.5
12.0	0.244	18.6
14.0	0.179	21.7
16.0	0.137	24.8



## Intensity (Candlepower) Summary

Angle	Mean CP	Lumens
0	35	
5	35	3
10	35	
15	35	10
20	35	
25	35	16
30	36	
35	36	22
40	35	
45	36	28
50	36	
55	36	32
60	36	
65	36	36
70	36	
75	36	39
80	37	
85	37	40
90	37	

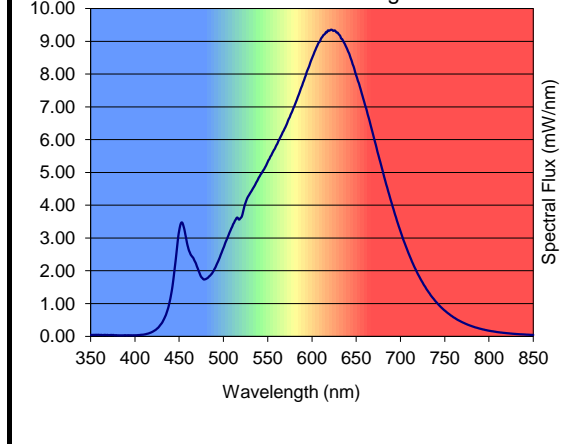
## Nominal CCT Quadrangles



## Color Rendering Index Details

Ra (CRI)	91.5
R1	91.4
R2	96.2
R3	98.5
R4	90.4
R5	91
R6	95.4
R7	90.2
R8	78.5
R9	54
R10	89.9
R11	90.7
R12	82.2
R13	92.6
R14	98.8

## Flux vs Wavelength



## Chromaticity Coordinates

Chromaticity (x)	0.4603
Chromaticity (y)	0.4095
Chromaticity (u)	0.2633
Chromaticity (v)	0.3513
Chromaticity (u')	0.2633
Chromaticity (v')	0.5270
Duv	-0.0008

Testing was performed in accordance with LM-79-08  
The results contained in this summary pertain only to report #12851222.11