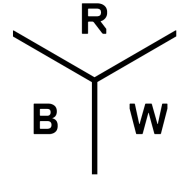




**RBW Studio LLC**  
Catalog Number  
**QP-1 - 3500K**  
Queue Pendant - Direct



**Electrical Test Conditions**

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.3 °C	120.0 VAC	0.3762 A	45.08 W	0.998	60 Hz	4.65 %

**Summary of Results**

Total Lumen Output	3936 Lumens
Luminaire Efficacy	87.8 lm/w
Maximum Candela	876 Candela
CCT	3458 K
CRI	95.8
Duv	-0.0030
TM-30 Rf	91.1
TM-30 Rg	100.7

**Zonal Lumen Summary**

Zone	Lumens	% Luminaire
0-30	681	17.6%
0-40	1129	29.2%
0-60	2101	54.4%
0-90	3203	82.9%
40-90	2074	53.7%
60-90	1102	28.5%
90-180	660	17.1%
0-180	3863	100.0%

**Spacing Criteria**

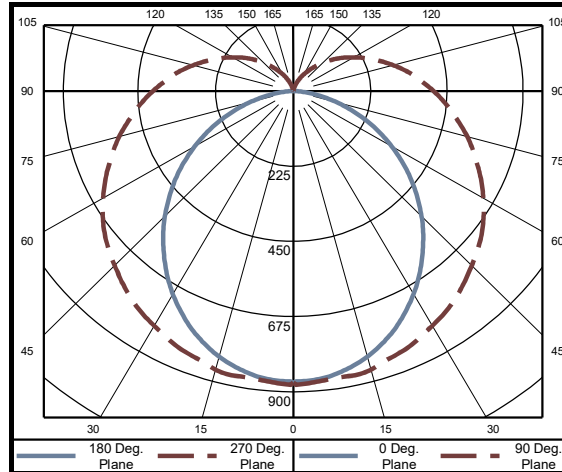
0-180	1.20
90-270	1.20

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

Vertical Angle	Horizontal Angle 0°
0	12110
45	9773
55	8858
65	7618
75	5644
85	2139

**Cone of Light Tabulation**

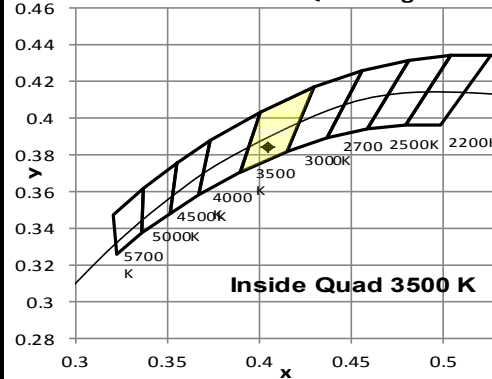
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	54.3	5.15
6.00	24.1	7.73
8.00	13.6	10.3
10.0	8.69	12.9
12.0	6.04	15.5
14.0	4.44	18.0
16.0	3.40	20.6



**Intensity (Candlepower) Summary**

Angle	Mean CP	Lumens
0	869	
5	864	82
10	854	
15	836	237
20	815	
25	786	362
30	751	
35	715	448
40	675	
45	632	488
50	587	
55	540	484
60	491	
65	443	439
70	395	
75	350	370
80	306	
85	268	293
90	235	

**Nominal CCT Quadrangles**

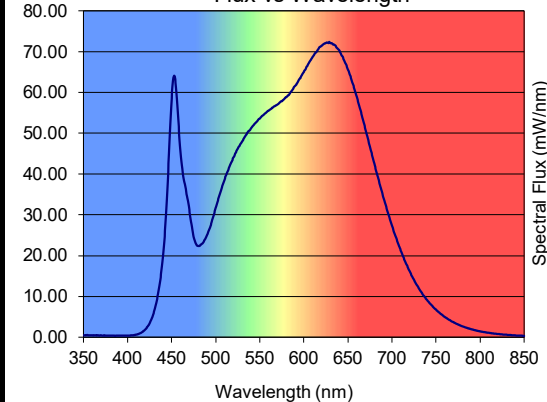


**Inside Quad 3500 K**

**Color Rendering Index Details**

Ra (CRI)	95.8
R1	97.2
R2	97.8
R3	95.5
R4	95.8
R5	95.9
R6	94.8
R7	96.2
R8	92.9
R9	83.3
R10	92.6
R11	95.2
R12	76.5
R13	97.8
R14	96.8

**Flux vs Wavelength**



**Chromaticity Coordinates**

Chromaticity (x)	0.4046
Chromaticity (y)	0.3842
Chromaticity (u)	0.2380
Chromaticity (v)	0.3389
Chromaticity (u')	0.2380
Chromaticity (v')	0.5084
Duv	-0.0030

Testing was performed in accordance with LM-79-08  
The results contained in this summary pertain only to report #12476656.01