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SPECTRUM LIGHTING INC
Catalog Number
GC2208LED150L35KDS10X/TJL/GW

Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.9 °C	120.0 VAC	0.7763 A	92.38 W	0.992	60 Hz	10.9 %

Summary of Results

Total Lumen Output	13120 Lumens
Luminaire Efficacy	141.9 lm/w
Maximum Candela	3785 Candela
CCT	3457 K
CRI	83.4
Duv	-0.0018
TM-30 Rf	85.0
TM-30 Rg	97.0

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	3073	24.1%
0-40	5103	40.1%
0-60	9092	71.4%
0-90	12289	96.5%
40-90	7186	56.4%
60-90	3197	25.1%
90-180	445	3.5%
0-180	12734	100.0%

Spacing Criteria

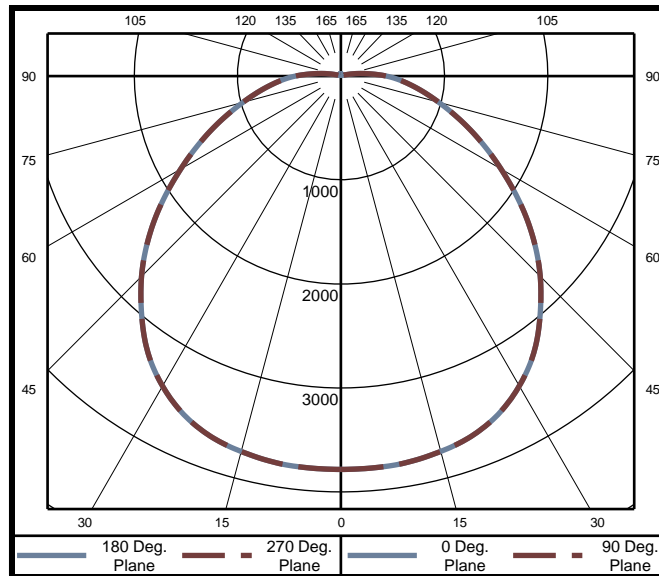
0-180	1.34
90-270	1.34

Average Luminance cd/m²

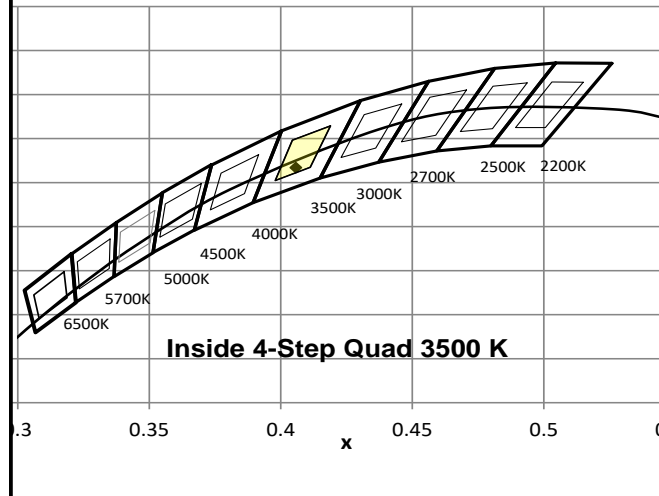
Vertical Angle	Horizontal Angle 0°
0	18670
45	13770
55	11740
65	9598
75	7736
85	6426

Cone of Light Tabulation

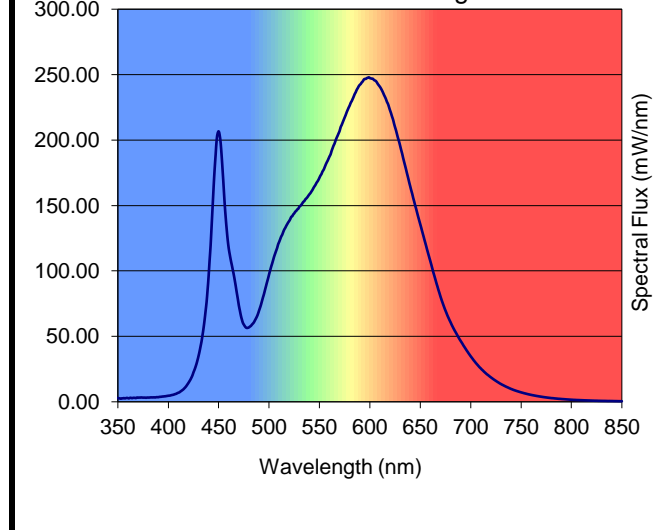
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	237	5.36
6.00	105	8.05
8.00	59.1	10.7
10.0	37.8	13.4
12.0	26.3	16.1
14.0	19.3	18.8
16.0	14.8	21.5



4 and 7-Step CCT Quadrangles



Flux vs Wavelength



Intensity (Candlepower) Summary

Angle	Mean CP	Lumens
0	3784	
5	3782	361
10	3770	
15	3738	1058
20	3688	
25	3594	1656
30	3446	
35	3252	2031
40	2998	
45	2727	2102
50	2429	
55	2109	1886
60	1789	
65	1496	1485
70	1225	
75	984	1047
80	784	
85	609	666
90	442	

Color Rendering Index Details

Ra (CRI)	83.4
R1	82
R2	90.5
R3	96
R4	82.1
R5	82.3
R6	87.5
R7	84.2
R8	62.3
R9	9.5
R10	77.8
R11	81.7
R12	69.4
R13	84.1
R14	98.2

Chromaticity Coordinates

Chromaticity (x)	0.4057
Chromaticity (y)	0.3868
Chromaticity (u)	0.2376
Chromaticity (v)	0.3398
Chromaticity (u')	0.2376
Chromaticity (v')	0.5097
Duv	-0.0018

Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #14671091.01A