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SPECTRUM LIGHTING INC
Catalog Number
GC2208LED240L35KDS10X/TJL/GW

Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.8 °C	120.0 VAC	1.133 A	134.9 W	0.992	60 Hz	11.8 %

Summary of Results

Total Lumen Output	18610 Lumens
Luminaire Efficacy	137.9 lm/w
Maximum Candela	5359 Candela
CCT	3459 K
CRI	83.0
Duv	-0.0014
TM-30 Rf	84.0
TM-30 Rg	96.0

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	4378	23.2%
0-40	7317	38.7%
0-60	13209	69.9%
0-90	18047	95.5%
40-90	10730	56.8%
60-90	4838	25.6%
90-180	845	4.5%
0-180	18892	100.0%

Spacing Criteria

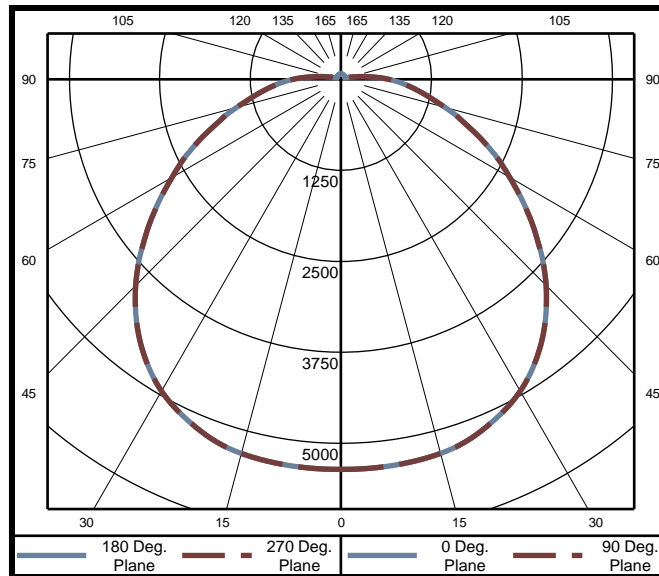
0-180	1.36
90-270	1.36

Average Luminance cd/m²

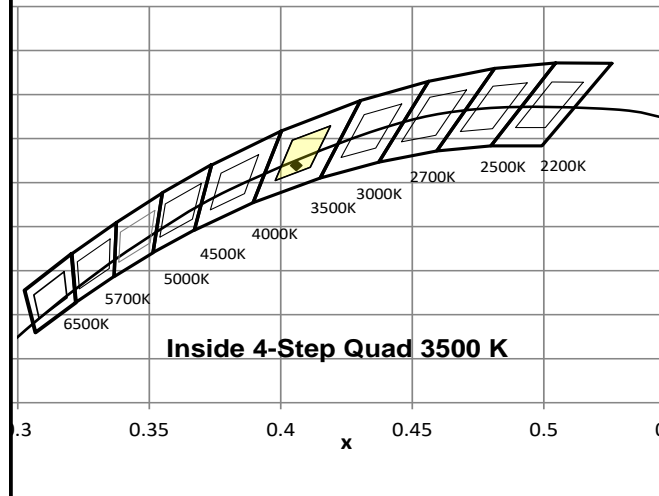
Vertical Angle	Horizontal Angle 0°
0	26440
45	20240
55	17440
65	14640
75	11730
85	9621

Cone of Light Tabulation

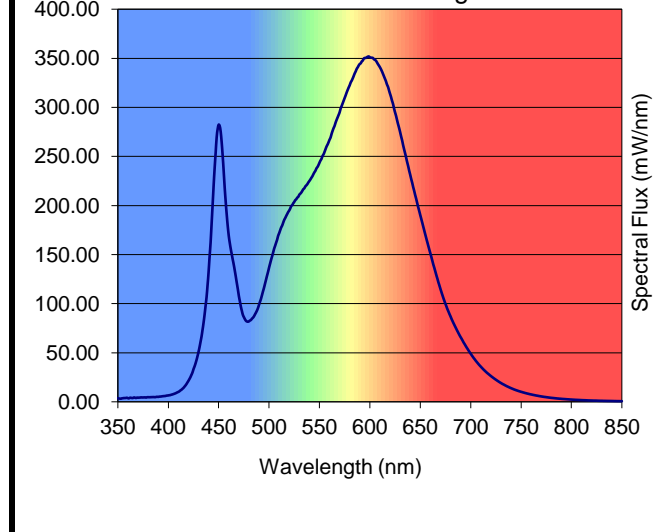
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	335	5.45
6.00	149	8.17
8.00	83.7	10.9
10.0	53.6	13.6
12.0	37.2	16.3
14.0	27.3	19.1
16.0	20.9	21.8



4 and 7-Step CCT Quadrangles



Flux vs Wavelength



Intensity (Candlepower) Summary

Angle	Mean CP	Lumens
0	5358	
5	5357	511
10	5346	
15	5320	1504
20	5249	
25	5119	2362
30	4950	
35	4700	2939
40	4384	
45	4009	3088
50	3578	
55	3133	2804
60	2691	
65	2281	2256
70	1858	
75	1492	1583
80	1172	
85	912	997
90	663	

Color Rendering Index Details

Ra (CRI)	83.0
R1	81.4
R2	90.2
R3	96
R4	81.5
R5	81.8
R6	87.2
R7	84
R8	61.6
R9	7.6
R10	77.2
R11	80.9
R12	68.8
R13	83.6
R14	98.2

Chromaticity Coordinates

Chromaticity (x)	0.4059
Chromaticity (y)	0.3878
Chromaticity (u)	0.2373
Chromaticity (v)	0.3401
Chromaticity (u')	0.2373
Chromaticity (v')	0.5101
Duv	-0.0014

Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #14671091.02A