



AVID Labs
Catalog Number
LGT-RAI-CRIL04-5600

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Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.9 °C	119.9 VAC	0.5164 A	61.78 W	0.997	60 Hz	4.52 %

Summary of Results

Total Lumen Output	3590 Lumens
Luminaire Efficacy	58.1 lm/w
Maximum Candela	885 Candela
CCT	5660 K
CRI	96.4
Duv	0.0001
TM-30 Rf	91.4
TM-30 Rg	99.6

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	689	20.0%
0-40	1132	32.9%
0-60	2053	59.7%
0-90	2993	87.0%
40-90	1861	54.1%
60-90	940	27.3%
90-180	447	13.0%
0-180	3440	100.0%

Spacing Criteria

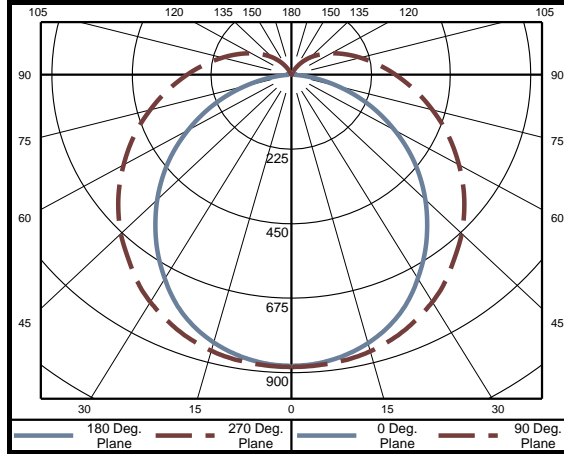
0-180	1.20
90-270	1.20

Average Luminance cd/m²

Vertical Angle	Horizontal Angle 0°
0	22640
45	18980
55	17600
65	15710
75	12750
85	7503

Cone of Light Tabulation

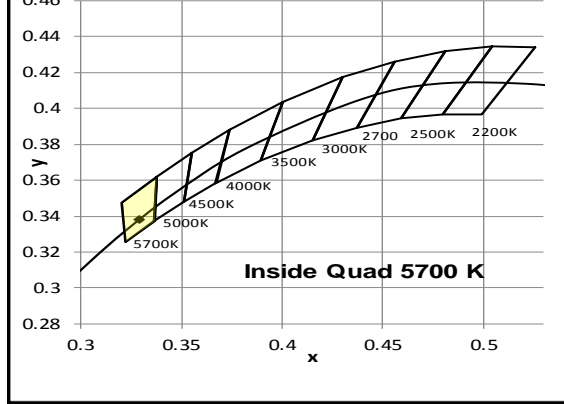
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	55.1	5.08
6.00	24.5	7.62
8.00	13.8	10.2
10.0	8.81	12.7
12.0	6.12	15.2
14.0	4.49	17.8
16.0	3.44	20.3



Intensity (Candlepower) Summary

Angle	Mean CP	Lumens
0	881	
5	878	83
10	868	
15	849	240
20	826	
25	793	365
30	753	
35	708	443
40	658	
45	608	470
50	557	
55	504	451
60	450	
65	397	394
70	346	
75	297	314
80	252	
85	211	232
90	178	

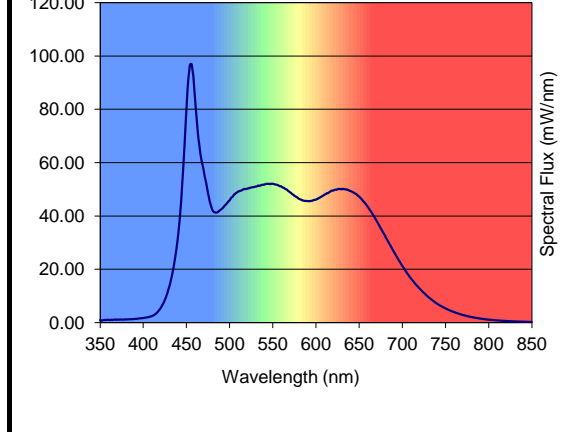
Nominal CCT Quadrangles



Color Rendering Index Details

Ra (CRI)	Value
Ra (CRI)	96.4
R1	96
R2	97.3
R3	98.5
R4	96.8
R5	95.9
R6	95.4
R7	96.5
R8	94.9
R9	86.1
R10	96.3
R11	98.8
R12	76.7
R13	96.2
R14	98.8

Flux vs Wavelength



Chromaticity Coordinates

Chromaticity (x)	0.3288
Chromaticity (y)	0.3381
Chromaticity (u)	0.2055
Chromaticity (v)	0.3170
Chromaticity (u')	0.2055
Chromaticity (v')	0.4755
Duv	0.0001

Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #11731583.01