



UL Verification Services Inc.
7036 Snowdrift Road
Allentown, PA 18106
610-774-1300

Renova Lighting Systems Inc
Catalog Number
SVN24-N-L30-UNV-DM-C40-AF



Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.3 °C	120.0 VAC	0.2172 A	25.96 W	0.996	60 Hz	6.89 %

Summary of Results

Total Lumen Output	2829 Lumens
Luminaire Efficacy	109.3 lm/w
Maximum Candela	1036 Candela
CCT	4118 K
CRI	82.8
Duv	0.0006

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	790	28.4%
0-40	1276	45.9%
0-60	2183	78.5%
0-90	2781	100.0%
40-90	1505	54.1%
60-90	598	21.5%
90-180	0	0.0%
0-180	2781	100.0%

Spacing Criteria

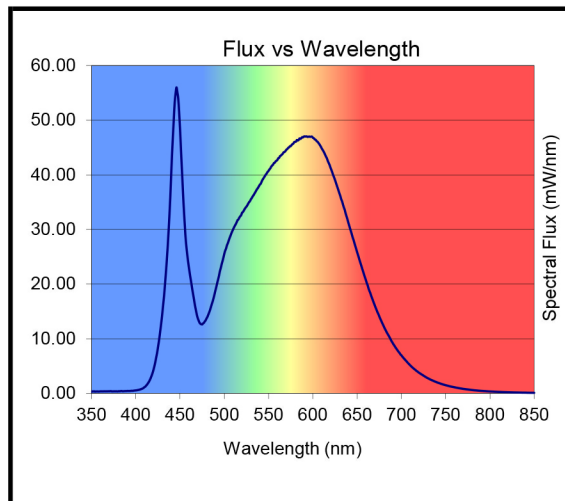
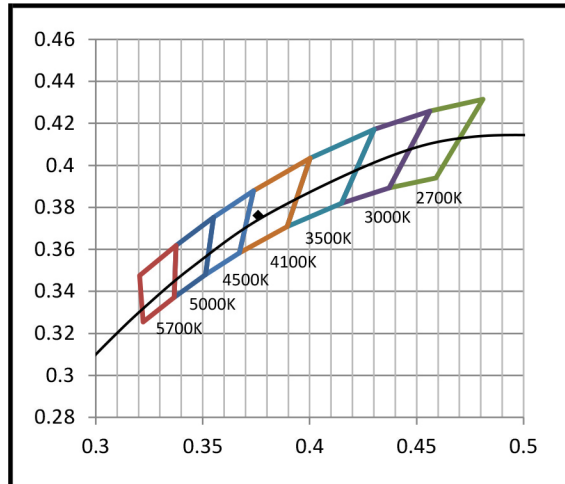
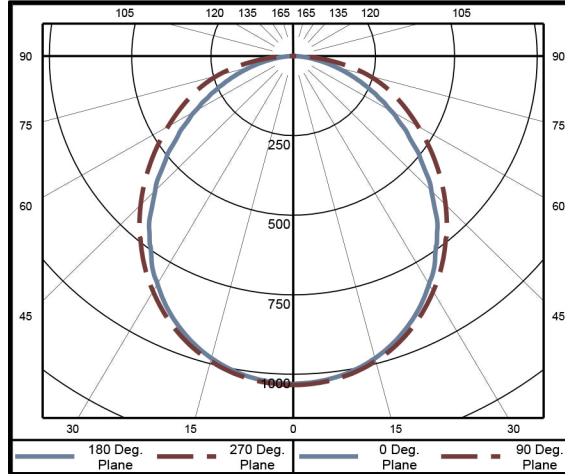
0-180	1.20
90-270	1.20

Average Luminance cd/m²

Vertical Angle	Horizontal Angle 0°
0	1497
45	1220
55	1076
65	927
75	760
85	551

Cone of Light Tabulation

Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	64.6	4.86
6.00	28.7	7.29
8.00	16.1	9.71
10.0	10.3	12.1
12.0	7.17	14.6
14.0	5.27	17.0
16.0	4.03	19.4



Intensity (Candlepower) Summary

Angle	Mean CP	Lumens
0	1033	
5	1027	98
10	1012	
15	982	278
20	948	
25	900	414
30	843	
35	777	486
40	707	
45	629	485
50	550	
55	471	422
60	395	
65	324	322
70	259	
75	195	206
80	130	
85	64	70
90	0	

Color Rendering Index Details

Ra (CRI)	82.8
R1	81.1
R2	87.1
R3	92.2
R4	83.3
R5	81.5
R6	82.7
R7	86.9
R8	67.6
R9	12.9
R10	69.9
R11	82.5
R12	65.7
R13	82.1
R14	95.6

Chromaticity Coordinates

Chromaticity (x)	0.3759
Chromaticity (y)	0.3761
Chromaticity (u)	0.2224
Chromaticity (v)	0.3338
Chromaticity (u')	0.2224
Chromaticity (v')	0.5006
Duv	0.0006

Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #1108345