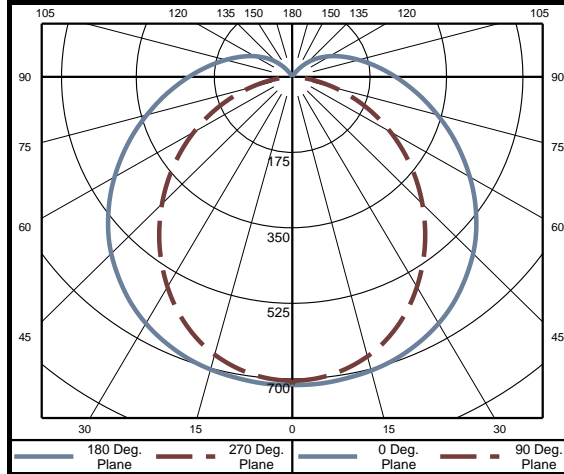




Product Name: AVID RAIL System - 98 CRI - Full Spectrum

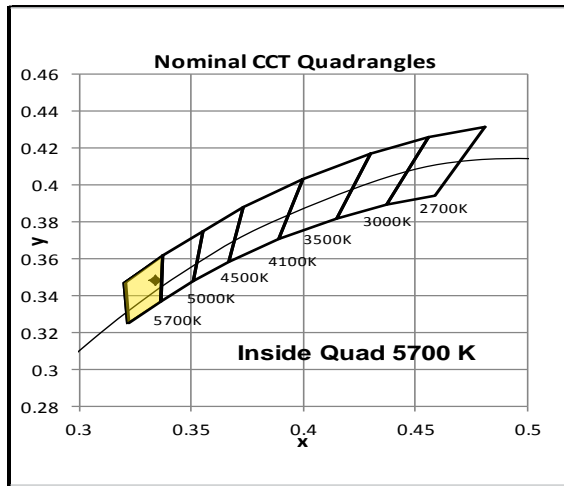
Electrical Test Conditions						
Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.3 °C	120.0 VAC	0.5625 A	67.32 W	0.998	60 Hz	4.37 %

Summary of Results	
Total Lumen Output	2890 Lumens
Luminaire Efficacy	42.9 lm/w
Maximum Candela	714 Candela
CCT	5411 K
CRI	96.2
Duv	0.0026
TM-30 Rf	95.5
TM-30 Rg	101.3



Intensity (Candlepower) Summary		
Angle	Mean CP	Lumens
0	712	
5	709	67
10	701	
15	686	194
20	669	
25	645	297
30	616	
35	582	364
40	544	
45	504	389
50	462	
55	417	374
60	373	
65	328	326
70	285	
75	244	258
80	206	
85	173	189
90	145	

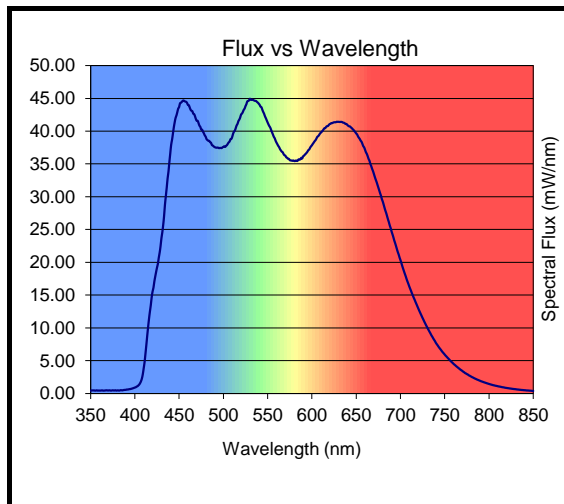
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	559	20.0%
0-40	923	32.9%
0-60	1686	60.2%
0-90	2459	87.8%
40-90	1536	54.8%
60-90	773	27.6%
90-180	343	12.2%
0-180	2802	100.0%



Spacing Criteria	
0-180	1.38
90-270	1.38

Color Rendering Index Details	
Ra (CRI)	96.2
R1	94.7
R2	97.9
R3	96.6
R4	95.6
R5	96.3
R6	98.0
R7	97.4
R8	93.1
R9	82
R10	97.2
R11	94.3
R12	93.3
R13	95.1
R14	97.4

Average Luminance cd/m ²	
Vertical Angle	Horizontal Angle 0°
0	30640
45	34610
55	36920
65	41320
75	52700
85	106600



Cone of Light Tabulation		
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	44.5	5.14
6.00	19.8	7.71
8.00	11.1	10.3
10.0	7.12	12.9
12.0	4.94	15.4
14.0	3.63	18.0
16.0	2.78	20.6

Chromaticity Coordinates	
Chromaticity (x)	0.3345
Chromaticity (y)	0.3483
Chromaticity (u)	0.2055
Chromaticity (v)	0.3210
Chromaticity (u')	0.2055
Chromaticity (v')	0.4815
Duv	0.0026

Testing was performed in accordance with LM-79-08
 The results contained in this summary pertain only to report #1249881