

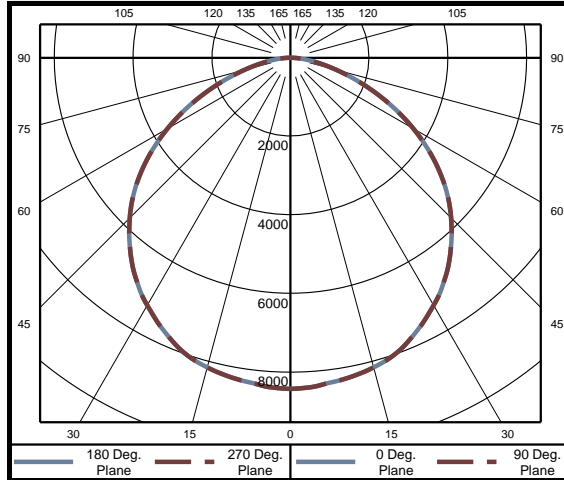


**LIGHTING ETC INC**  
 Catalog Number  
**NXG-24L-4K-U-F-XX**



Electrical Test Conditions						
Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.4 °C	120.1 VAC	1.293 A	154.7 W	0.997	60 Hz	6.71 %

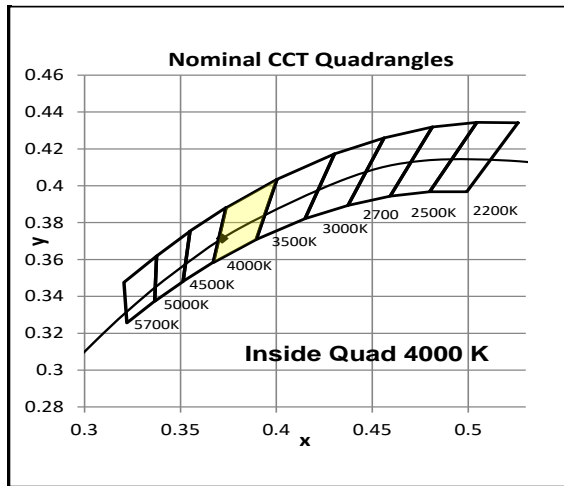
Summary of Results	
Total Lumen Output	24440 Lumens
Luminaire Efficacy	157.4 lm/w
Maximum Candela	8430 Candela
CCT	4208 K
CRI	83.3
Duv	0.0001
TM-30 Rf	83.0
TM-30 Rg	95.1



Intensity (Candlepower) Summary		
Angle	Mean CP	Lumens
0	8430	
5	8377	796
10	8284	
15	8147	2306
20	7970	
25	7645	3526
30	7276	
35	6848	4283
40	6338	
45	5772	4449
50	5139	
55	4407	3930
60	3608	
65	2774	2746
70	1960	
75	1246	1342
80	699	
85	319	376
90	99	

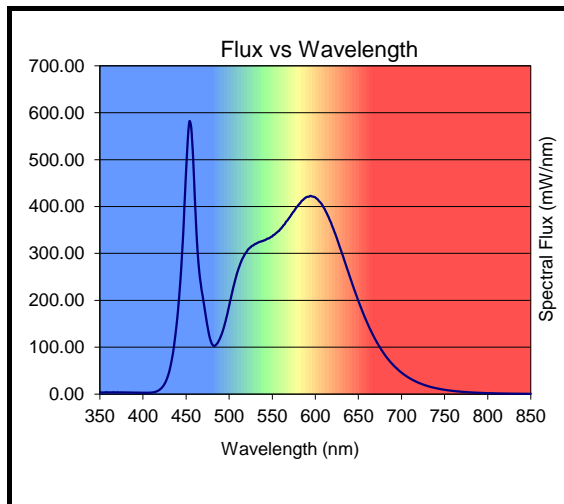
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	6629	27.9%
0-40	10912	45.9%
0-60	19291	81.1%
0-90	23756	99.9%
40-90	12844	54.0%
60-90	4465	18.8%
90-180	24	0.1%
0-180	23780	100.0%

Spacing Criteria	
0-180	1.28
90-270	1.28



Color Rendering Index Details	
Ra (CRI)	83.3
R1	82.3
R2	89.6
R3	94.4
R4	82.4
R5	81.8
R6	85.0
R7	86.1
R8	64.7
R9	7.5
R10	74.7
R11	82
R12	56.4
R13	84.5
R14	97.1

Average Luminance cd/m <sup>2</sup>	
Vertical Angle	Horizontal Angle 0°
0	43750
45	217700
55	204900
65	31600
75	11920
85	2730



Cone of Light Tabulation		
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
10.0	84.3	12.8
14.0	43.0	18.0
18.0	26.0	23.1
22.0	17.4	28.2
26.0	12.5	33.3
28.0	10.8	35.9
30.0	9.37	38.5

Chromaticity Coordinates	
Chromaticity (x)	0.3717
Chromaticity (y)	0.3714
Chromaticity (u)	0.2214
Chromaticity (v)	0.3319
Chromaticity (u')	0.2214
Chromaticity (v')	0.4979
Duv	0.0001

Testing was performed in accordance with LM-79-08  
 The results contained in this summary pertain only to report #13237699.01