

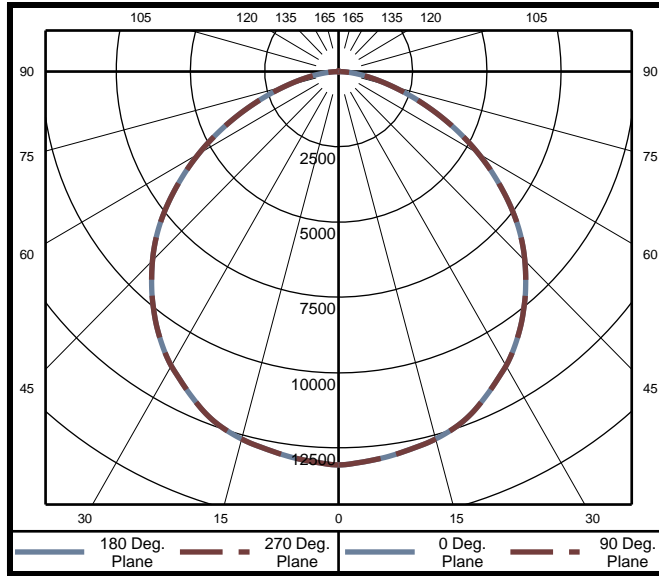


Lighting ETC Inc
Catalog Number
NXG-36L-4K-U-F-XX (REF 1950)



Electrical Test Conditions						
Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.6 °C	120.0 VAC	2.008 A	240.3 W	0.997	60 Hz	6.33 %

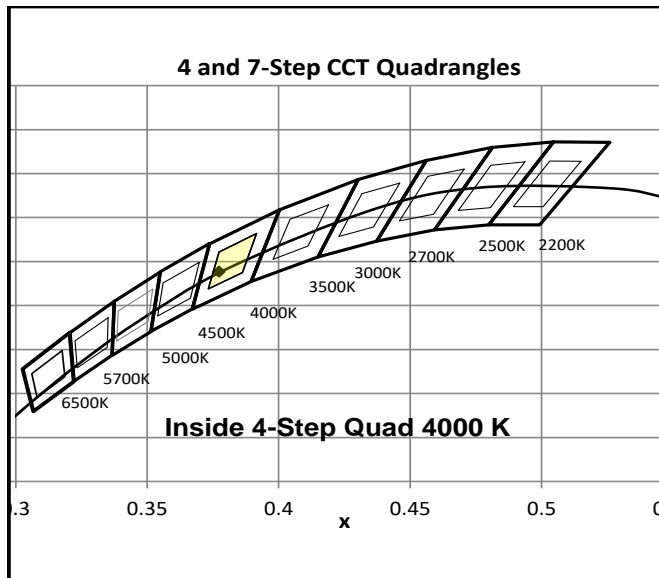
Summary of Results	
Total Lumen Output	37470 Lumens
Luminaire Efficacy	155.4 lm/w
Maximum Candela	13055 Candela
CCT	4074 K
CRI	82.4
Duv	0.0003
TM-30 Rf	82.0
TM-30 Rg	94.0



Intensity (Candlepower) Summary		
Angle	Mean CP	Lumens
0	13055	
5	12950	1232
10	12799	
15	12625	3566
20	12331	
25	11829	5456
30	11274	
35	10583	6616
40	9768	
45	8863	6829
50	7849	
55	6666	5953
60	5429	
65	4158	4117
70	2931	
75	1867	2011
80	1051	
85	476	561
90	137	

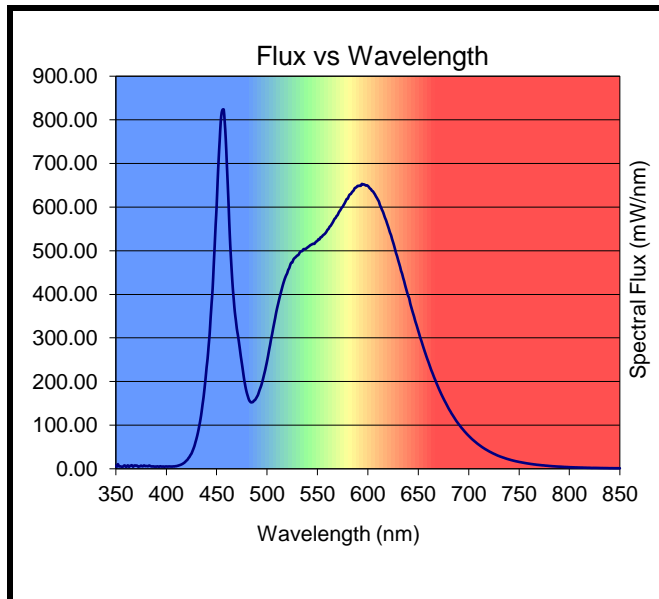
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	10254	28.2%
0-40	16869	46.4%
0-60	29651	81.5%
0-90	36340	99.9%
40-90	19471	53.5%
60-90	6689	18.4%
90-180	29	0.1%
0-180	36369	100.0%

Spacing Criteria	
0-180	1.28
90-270	1.28



Color Rendering Index Details	
Ra (CRI)	82.4
R1	81.4
R2	89.2
R3	93.8
R4	80.8
R5	80.4
R6	84.1
R7	85.9
R8	64.0
R9	6.6
R10	72.8
R11	79.3
R12	54.6
R13	83.7
R14	96.6

Average Luminance cd/m ²	
Vertical Angle	Horizontal Angle 0°
0	64410
45	59940
55	54850
65	45440
75	31800
85	19770



Cone of Light Tabulation		
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
10.0	131	12.8
14.0	66.6	17.9
18.0	40.3	23.1
22.0	27.0	28.2
26.0	19.3	33.3
28.0	16.7	35.9
30.0	14.5	38.4

Chromaticity Coordinates	
Chromaticity (x)	0.3773
Chromaticity (y)	0.3754
Chromaticity (u)	0.2236
Chromaticity (v)	0.3337
Chromaticity (u')	0.2236
Chromaticity (v')	0.5005
Duv	0.0003

Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #14068426.01

