

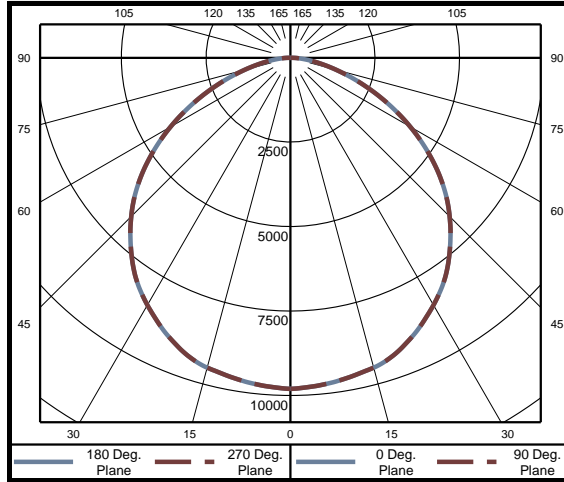


Lighting ETC Inc
Catalog Number
NXG-28L-4K-U-F-XX



Electrical Test Conditions						
Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.5 °C	120.0 VAC	1.543 A	184.7 W	0.997	60 Hz	5.63 %

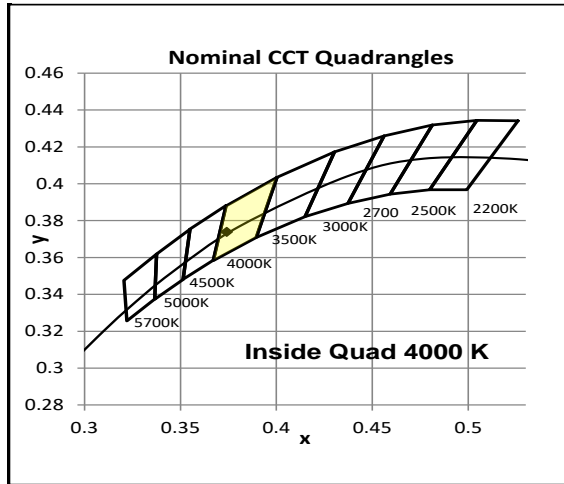
Summary of Results	
Total Lumen Output	27860 Lumens
Luminaire Efficacy	151 lm/w
Maximum Candela	9808 Candela
CCT	4155 K
CRI	83.3
Duv	0.0002
TM-30 Rf	83.3
TM-30 Rg	95.3



Intensity (Candlepower) Summary		
Angle	Mean CP	Lumens
0	9808	
5	9743	927
10	9633	
15	9490	2683
20	9266	
25	8894	4099
30	8456	
35	7962	4971
40	7334	
45	6651	5126
50	5890	
55	5020	4480
60	4091	
65	3146	3117
70	2240	
75	1441	1551
80	820	
85	376	441
90	107	

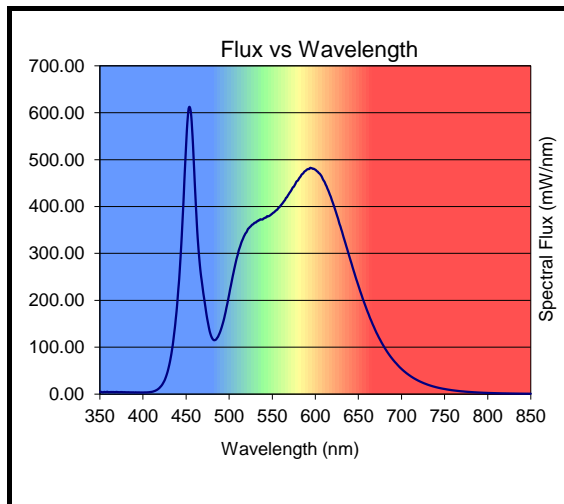
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	7708	28.1%
0-40	12679	46.2%
0-60	22285	81.3%
0-90	27395	99.9%
40-90	14716	53.7%
60-90	5110	18.6%
90-180	23	0.1%
0-180	27418	100.0%

Spacing Criteria	
0-180	1.28
90-270	1.28



Color Rendering Index Details	
Ra (CRI)	83.3
R1	82.2
R2	89.2
R3	94.1
R4	82.7
R5	81.7
R6	84.8
R7	86.4
R8	65.0
R9	7.9
R10	73.9
R11	82.2
R12	57.0
R13	84.2
R14	96.9

Average Luminance cd/m ²	
Vertical Angle	Horizontal Angle 0°
0	59740
45	530400
55	493500
65	419800
75	17860
85	3993



Cone of Light Tabulation		
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
10.0	98.1	12.8
14.0	50.0	17.9
18.0	30.3	23.0
22.0	20.3	28.2
26.0	14.5	33.3
28.0	12.5	35.8
30.0	10.9	38.4

Chromaticity Coordinates	
Chromaticity (x)	0.3741
Chromaticity (y)	0.3739
Chromaticity (u)	0.2220
Chromaticity (v)	0.3329
Chromaticity (u')	0.2220
Chromaticity (v')	0.4994
Duv	0.0002

Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #13353212.01