

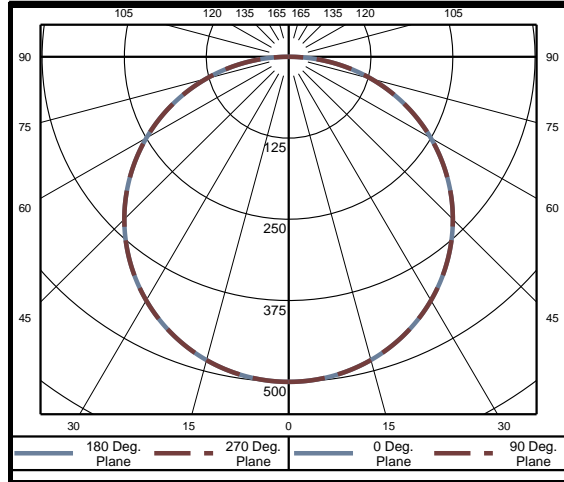


Lighting ETC Inc
Catalog Number
NXG-32L-4K-U-F-XX (REF 1700)



Electrical Test Conditions						
Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.6 °C	120.1 VAC	1.751 A	209.4 W	0.996	60 Hz	7.19 %

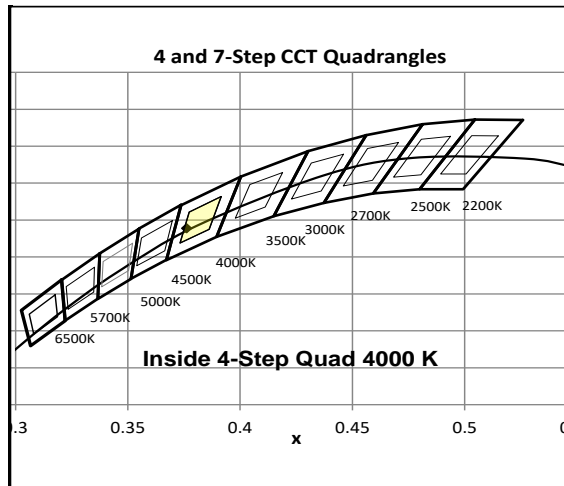
Summary of Results	
Total Lumen Output	31800 Lumens
Luminaire Efficacy	152.2 lm/w
Maximum Candela	11598 Candela
CCT	4105 K
CRI	81.9
Duv	0.0007
TM-30 Rf	82.0
TM-30 Rg	95.0



Intensity (Candlepower) Summary		
Angle	Mean CP	Lumens
0	11598	
5	11522	1096
10	11392	
15	11190	3157
20	10881	
25	10486	4833
30	9991	
35	9424	5892
40	8736	
45	7944	6118
50	7033	
55	6017	5362
60	4894	
65	3752	3717
70	2660	
75	1707	1837
80	966	
85	443	521
90	132	

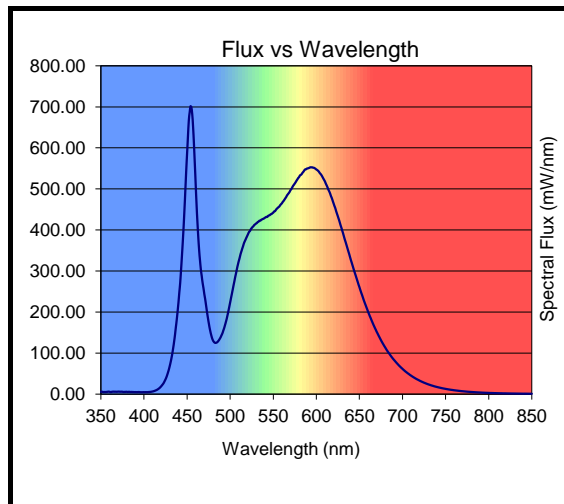
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	9086	27.9%
0-40	14978	46.0%
0-60	26459	81.3%
0-90	32534	99.9%
40-90	17556	53.9%
60-90	6075	18.7%
90-180	29	0.1%
0-180	32563	100.0%

Spacing Criteria	
0-180	1.28
90-270	1.28



Color Rendering Index Details	
Ra (CRI)	
Ra (CRI)	81.9
R1	80.5
R2	88.1
R3	93.4
R4	80.9
R5	80
R6	83.1
R7	85.8
R8	63.1
R9	2.9
R10	71.1
R11	79.8
R12	54.8
R13	82.6
R14	96.4

Average Luminance cd/m ²	
Vertical Angle	Horizontal Angle 0°
0	57220
45	52110
55	47450
65	38540
75	26290
85	14520



Cone of Light Tabulation		
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
10.0	116	12.8
14.0	59.2	17.9
18.0	35.8	23.0
22.0	24.0	28.2
26.0	17.2	33.3
28.0	14.8	35.8
30.0	12.9	38.4

Chromaticity Coordinates	
Chromaticity (x)	0.3762
Chromaticity (y)	0.3755
Chromaticity (u)	0.2228
Chromaticity (v)	0.3336
Chromaticity (u')	0.2228
Chromaticity (v')	0.5004
Duv	0.0007

Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #14200952.01