

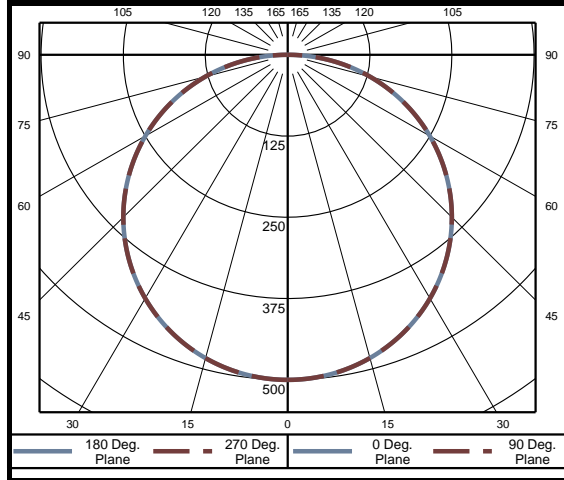


Lighting ETC Inc
 Catalog Number
NXG-16L-4K-U-F-XX

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Electrical Test Conditions						
Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.5 °C	120.0 VAC	0.8522 A	101.4 W	0.991	60 Hz	11.1 %

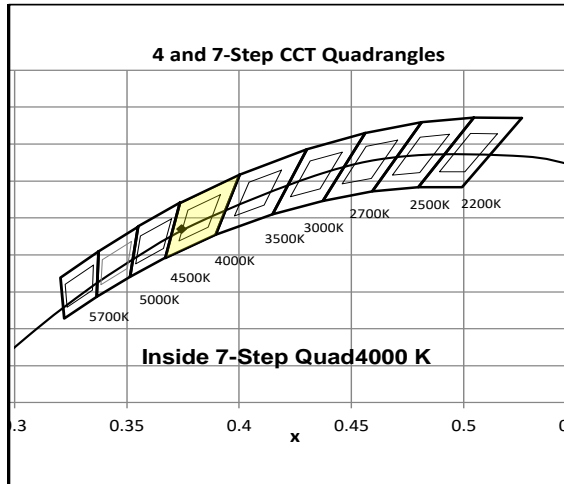
Summary of Results	
Total Lumen Output	15930 Lumens
Luminaire Efficacy	157.5 lm/w
Maximum Candela	5643 Candela
CCT	4142 K
CRI	83.5
Duv	0.0004
TM-30 Rf	83.0
TM-30 Rg	95.0



Intensity (Candlepower) Summary		
Angle	Mean CP	Lumens
0	5637	
5	5614	534
10	5555	
15	5483	1549
20	5365	
25	5132	2369
30	4886	
35	4601	2875
40	4254	
45	3879	2990
50	3464	
55	2963	2643
60	2427	
65	1855	1835
70	1297	
75	793	864
80	425	
85	187	223
90	56	

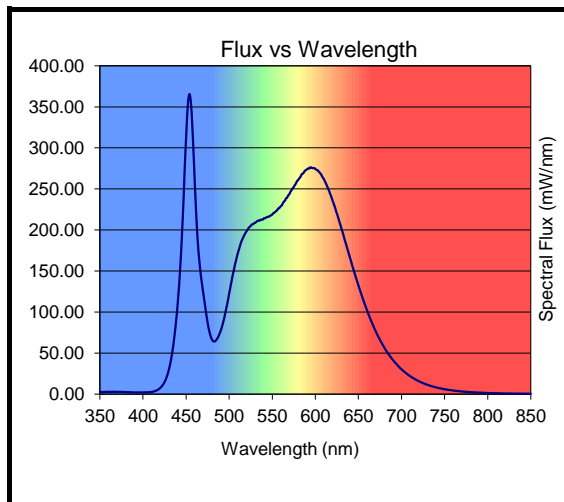
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	4452	28.0%
0-40	7328	46.1%
0-60	12962	81.5%
0-90	15885	99.9%
40-90	8557	53.8%
60-90	2923	18.4%
90-180	13	0.1%
0-180	15898	100.0%

Spacing Criteria	
0-180	1.29
90-270	1.29



Color Rendering Index Details	
Ra (CRI)	83.5
R1	82.6
R2	89.5
R3	94.2
R4	83.0
R5	82
R6	85.1
R7	86.4
R8	65.2
R9	8.8
R10	74.5
R11	82.7
R12	56.9
R13	84.6
R14	97.0

Average Luminance cd/m ²	
Vertical Angle	Horizontal Angle 0°
0	34330
45	33420
55	31460
65	26740
75	18670
85	13070



Cone of Light Tabulation		
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	352	5.15
6.00	157	7.72
8.00	88.1	10.3
10.0	56.4	12.9
12.0	39.1	15.4
14.0	28.8	18.0
16.0	22.0	20.6

Chromaticity Coordinates	
Chromaticity (x)	0.3745
Chromaticity (y)	0.3739
Chromaticity (u)	0.2224
Chromaticity (v)	0.3330
Chromaticity (u')	0.2224
Chromaticity (v')	0.4994
Duv	0.0004

Testing was performed in accordance with LM-79-08
 The results contained in this summary pertain only to report #13605441.01