

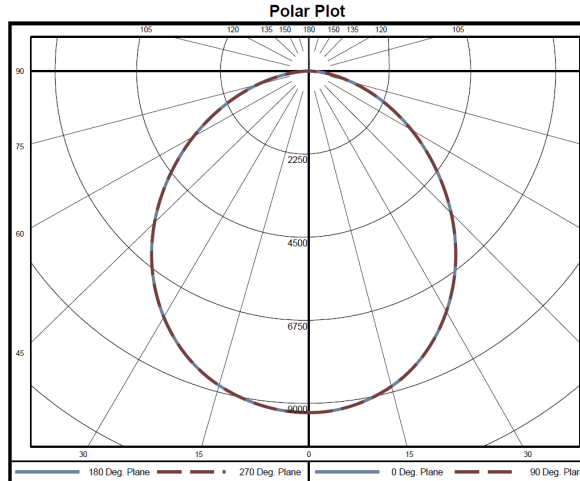


Lighting ETC Inc
Catalog Number
NXG-24L-5K-48-F-XX



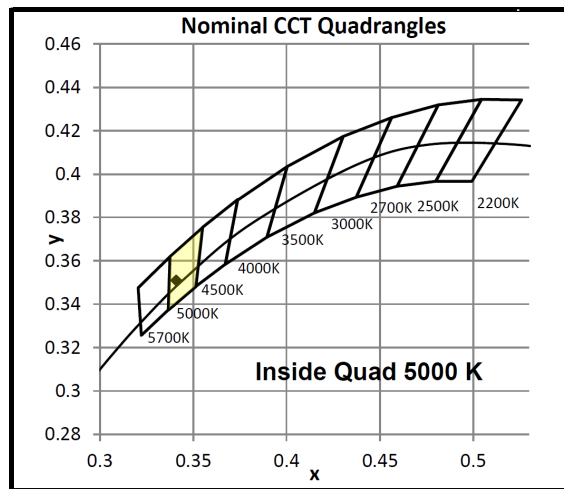
Electrical Test Conditions						
Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.9 °C	480.0 VAC	0.4136 A	197.4 W	0.994	60 Hz	10.9 %

Summary of Results	
Total Lumen Output	24630 Lumens
Luminaire Efficacy	124.8 lm/w
Maximum Candela	9304 Candela
CCT	5156 K
CRI	83.0
Duv	0.0009
TM-30 Rf	80.8
TM-30 Rg	94.3



Intensity (Candlepower) Summary		
Angle	Mean CP	Lumens
0	9252	
5	9206	875
10	9072	
15	8858	2499
20	8553	
25	8143	3749
30	7645	
35	7067	4417
40	6419	
45	5710	4401
50	4959	
55	4201	3757
60	3451	
65	2717	2693
70	2020	
75	1372	1456
80	787	
85	310	370
90	23	

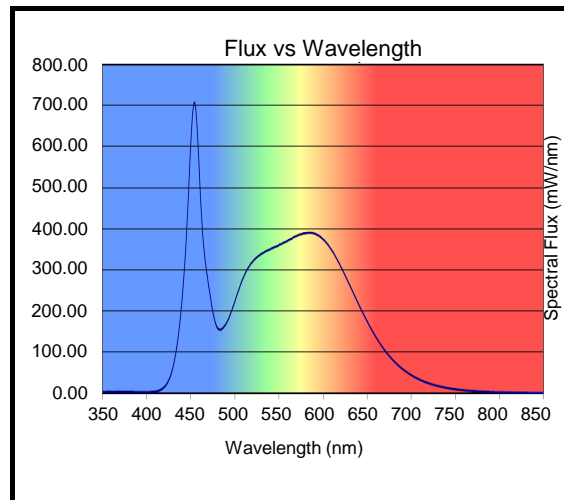
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	7123	29.3%
0-40	11539	47.6%
0-60	19696	81.3%
0-90	24216	100.0%
40-90	12677	52.3%
60-90	4520	18.6%
90-180	0	0.0%
0-180	24220	100.0%



Spacing Criteria	
0-180	1.23
90-270	1.23

Color Rendering Index Details	
Ra (CRI)	83.3
R1	82.0
R2	89.4
R3	93.1
R4	82.2
R5	82.1
R6	84.0
R7	86.6
R8	67.1
R9	8.4
R10	73.8
R11	81.3
R12	58.8
R13	84.3
R14	96.5

Average Luminance cd/m ²	
Vertical Angle	Horizontal Angle 0°
0	56350
45	49180
55	44620
65	39160
75	32290
85	21690



Cone of Light Tabulation		
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
10.0	92.5	12.3
14.0	47.2	17.2
18.0	28.6	22.1
22.0	19.1	27.0
26.0	13.7	31.9
28.0	11.8	34.4
30.0	10.3	36.8

Chromaticity Coordinates	
Chromaticity (x)	0.3409
Chromaticity (y)	0.3510
Chromaticity (u)	0.2088
Chromaticity (v)	0.3225
Chromaticity (u')	0.2088
Chromaticity (v')	0.4838
Duv	0.0009

Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #12156761.01