

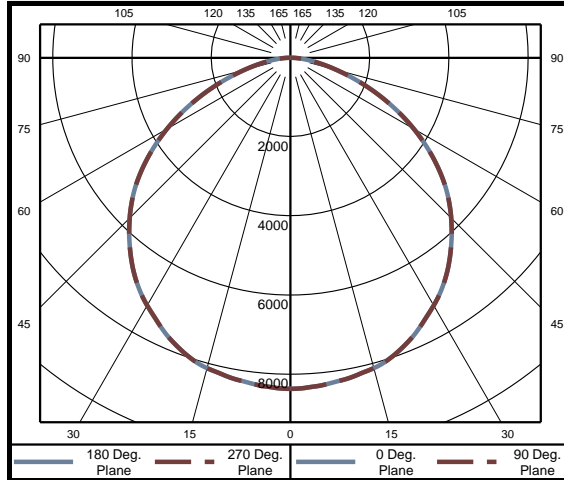


Lighting ETC Inc
Catalog Number
NXG-24L-5K-U-F-XX



Electrical Test Conditions						
Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.1 °C	120.1 VAC	1.296 A	155.1 W	0.997	60 Hz	6.67 %

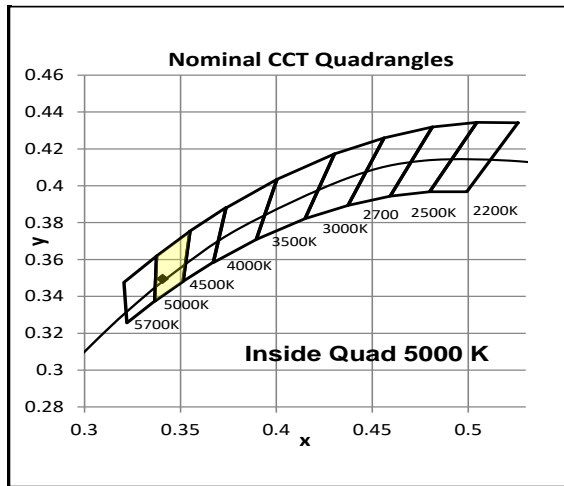
Summary of Results	
Total Lumen Output	24050 Lumens
Luminaire Efficacy	154.9 lm/w
Maximum Candela	8373 Candela
CCT	5167 K
CRI	84.2
Duv	0.0003
TM-30 Rf	83.9
TM-30 Rg	97.0



Intensity (Candlepower) Summary		
Angle	Mean CP	Lumens
0	8373	
5	8328	792
10	8241	
15	8114	2294
20	7915	
25	7600	3503
30	7231	
35	6814	4258
40	6298	
45	5735	4422
50	5116	
55	4387	3913
60	3596	
65	2771	2742
70	1960	
75	1242	1339
80	695	
85	315	372
90	94	

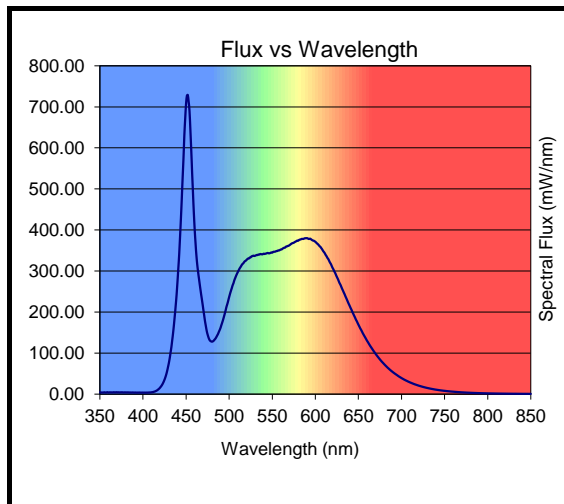
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	6589	27.9%
0-40	10847	45.9%
0-60	19182	81.1%
0-90	23634	99.9%
40-90	12787	54.1%
60-90	4452	18.8%
90-180	21	0.1%
0-180	23655	100.0%

Spacing Criteria	
0-180	1.28
90-270	1.28



Color Rendering Index Details	
Ra (CRI)	84.2
R1	83.5
R2	88.8
R3	92.1
R4	85.2
R5	84.1
R6	84.1
R7	87.1
R8	68.9
R9	11.3
R10	73.2
R11	85.7
R12	61.3
R13	85.1
R14	95.9

Average Luminance cd/m ²	
Vertical Angle	Horizontal Angle 0°
0	51000
45	161700
55	152500
65	32650
75	12890
85	3022



Cone of Light Tabulation		
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
10.0	83.7	12.8
14.0	42.7	18.0
18.0	25.8	23.1
22.0	17.3	28.2
26.0	12.4	33.4
28.0	10.7	35.9
30.0	9.30	38.5

Chromaticity Coordinates	
Chromaticity (x)	0.3406
Chromaticity (y)	0.3495
Chromaticity (u)	0.2092
Chromaticity (v)	0.3220
Chromaticity (u')	0.2092
Chromaticity (v')	0.4830
Duv	0.0003

Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #13328484.01