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H E Williams Inc
Catalog Number
MX2RXX-4'00-L8/830-F-XX-DIM-UNV

Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.4 °C	119.9 VAC	0.2255 A	26.87 W	0.994	60 Hz	9.41 %

Summary of Results

Total Lumen Output	3342 Lumens
Luminaire Efficacy	124.6 lm/w
Maximum Candela	1404 Candela
CCT	3071 K
CRI	82.3
Duv	0.0000
TM-30 Rf	84.5
TM-30 Rg	94.7

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1034	32.1%
0-40	1627	50.5%
0-60	2649	82.2%
0-90	3222	100.0%
40-90	1595	49.5%
60-90	573	17.8%
90-180	0	0.0%
0-180	3222	100.0%

Spacing Criteria

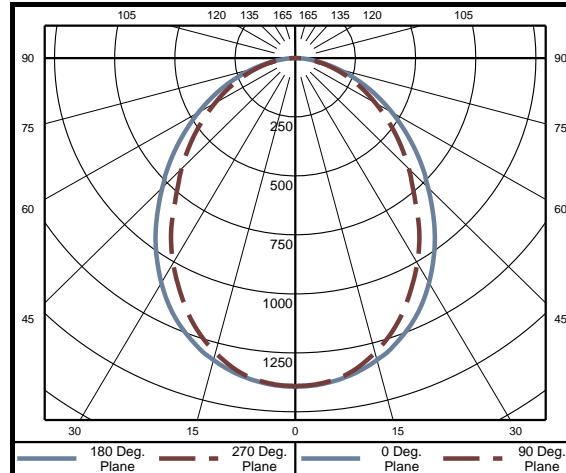
0-180	1.18
90-270	1.18

Average Luminance cd/m²

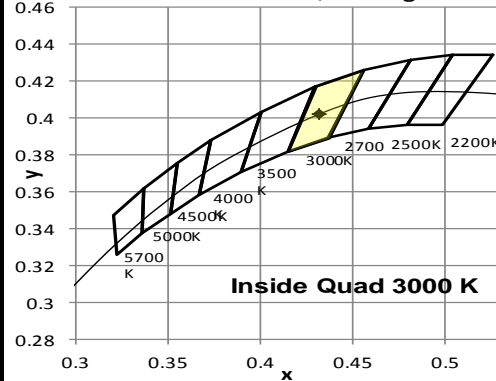
Vertical Angle	Horizontal Angle 0°
0	22530
45	17670
55	15820
65	13940
75	11570
85	8514

Cone of Light Tabulation

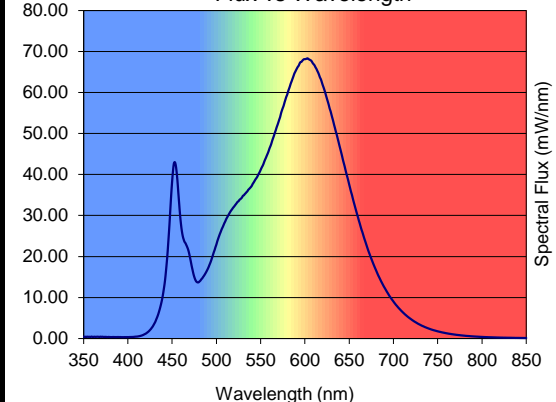
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	87.2	4.57
6.00	38.8	6.86
8.00	21.8	9.15
10.0	14.0	11.4
12.0	9.69	13.7
14.0	7.12	16.0
16.0	5.45	18.3



Nominal CCT Quadrangles



Flux vs Wavelength



Intensity (Candlepower) Summary

Angle	Mean CP	Lumens
0	1395	
5	1387	132
10	1359	
15	1305	369
20	1244	
25	1159	533
30	1061	
35	950	593
40	832	
45	722	558
50	619	
55	519	464
60	424	
65	336	333
70	252	
75	174	185
80	106	
85	49	55
90	5	

Color Rendering Index Details

Ra (CRI)	82.3
R1	81
R2	91.8
R3	95
R4	79.9
R5	81.4
R6	90.3
R7	81.6
R8	57.2
R9	3.5
R10	81.6
R11	79.7
R12	70.4
R13	83.7
R14	97.9

Chromaticity Coordinates

Chromaticity (x)	0.4318
Chromaticity (y)	0.4023
Chromaticity (u)	0.2480
Chromaticity (v)	0.3466
Chromaticity (u')	0.2480
Chromaticity (v')	0.5199
Duv	0.0000

Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #13012869.02