



H E Williams Inc

Catalog Number

LPT-24-L90/827-SA19156

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#### Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
24.9 °C	347.1 VAC	0.2142 A	72.72 W	0.978	60 Hz	9.75 %

#### Summary of Results

Total Lumen Output	7950 Lumens
Luminaire Efficacy	109.3 lm/w
Maximum Candela	4047 Candela
CCT	2802 K
CRI	82.9
Duv	0.0001
TM-30 Rf	84.1
TM-30 Rg	95.4

#### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	3078	39.5%
0-40	4902	62.9%
0-60	7074	90.8%
0-90	7790	100.0%
40-90	2888	37.1%
60-90	715	9.2%
90-180	0	0.0%
0-180	7790	100.0%

#### Spacing Criteria

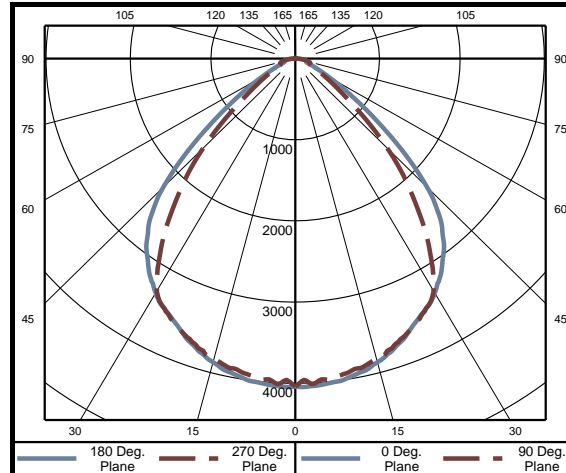
0-180	1.22
90-270	1.22

#### Average Luminance cd/m<sup>2</sup>

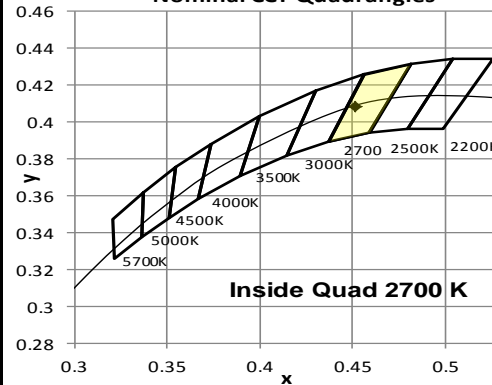
Vertical Angle	Horizontal Angle 0°
0	6542
45	5069
55	2491
65	1027
75	867
85	1395

#### Cone of Light Tabulation

Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	252	4.86
6.00	112	7.28
8.00	63.1	9.71
10.0	40.4	12.1
12.0	28.0	14.6
14.0	20.6	17.0
16.0	15.8	19.4

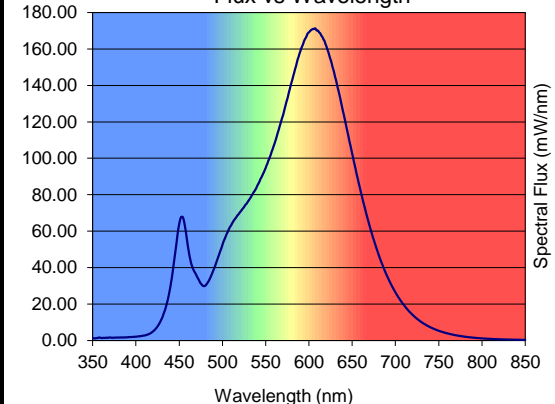


#### Nominal CCT Quadrangles



#### Inside Quad 2700 K

#### Flux vs Wavelength



#### Intensity (Candlepower) Summary

Angle	Mean CP	Lumens
0	4036	
5	3981	379
10	3917	
15	3811	1079
20	3688	
25	3516	1620
30	3309	
35	2947	1824
40	2434	
45	1826	1404
50	1248	
55	842	768
60	570	
65	400	405
70	288	
75	209	224
80	147	
85	84	87
90	7	

#### Color Rendering Index Details

Ra (CRI)	82.9
R1	81.6
R2	92.4
R3	94.9
R4	80.8
R5	82.2
R6	91.9
R7	81.5
R8	57.7
R9	7.8
R10	83.2
R11	80.9
R12	77.7
R13	84.3
R14	97.9

#### Chromaticity Coordinates

Chromaticity (x)	0.4515
Chromaticity (y)	0.4084
Chromaticity (u)	0.2581
Chromaticity (v)	0.3502
Chromaticity (u')	0.2581
Chromaticity (v')	0.5252
Duv	0.0001

Testing was performed in accordance with LM-79-08  
The results contained in this summary pertain only to report #12212385.08