



LDPI Inc
Catalog Number
390440-LEDH5

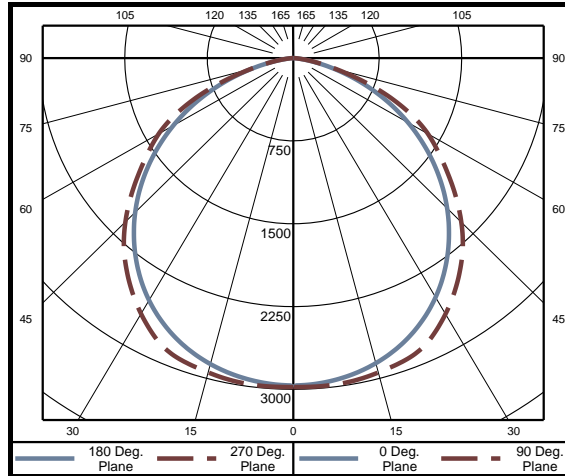
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Electrical Test Conditions

Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.3 °C	120.0 VAC	0.8325 A	99.59 W	0.997	60 Hz	6.13 %

Summary of Results

Total Lumen Output	8833 Lumens
Luminaire Efficacy	89 lm/w
Maximum Candela	2984 Candela
CCT	5213 K
CRI	83.8
Duv	0.0026
TM-30 Rf	82.8
TM-30 Rg	94.1



Intensity (Candlepower) Summary

Angle	Mean CP	Lumens
0	2979	
5	2974	283
10	2952	
15	2906	823
20	2853	
25	2766	1274
30	2637	
35	2474	1547
40	2287	
45	2078	1601
50	1844	
55	1590	1421
60	1333	
65	1062	1045
70	760	
75	447	483
80	198	
85	49	73
90	4	

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	2380	27.8%
0-40	3928	45.9%
0-60	6950	81.3%
0-90	8551	100.0%
40-90	4623	54.1%
60-90	1601	18.7%
90-180	0	0.0%
0-180	8551	100.0%

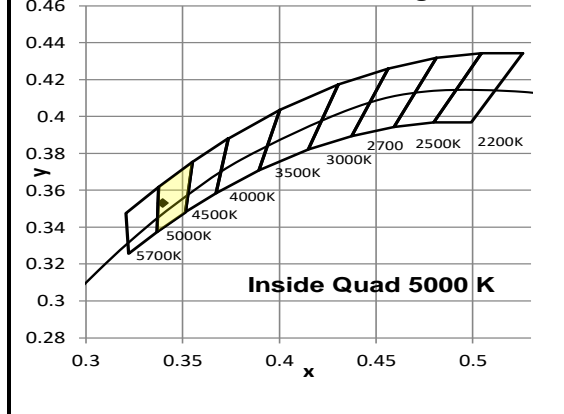
Spacing Criteria

0-180	1.26
90-270	1.26

Average Luminance cd/m²

Vertical Angle	Horizontal Angle 0°
0	7695
45	7129
55	6604
65	5682
75	3845
85	1104

Nominal CCT Quadrangles



Inside Quad 5000 K

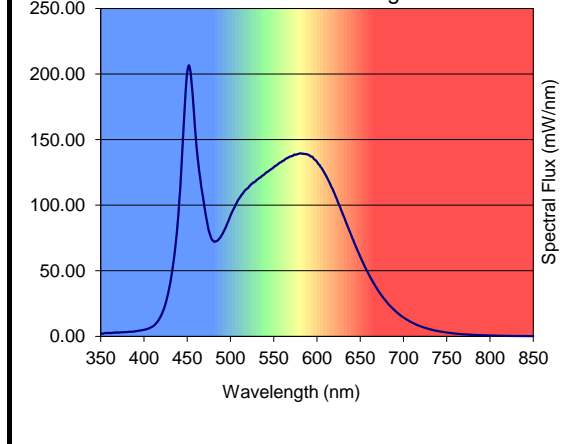
Color Rendering Index Details

Ra (CRI)	83.8
R1	81.7
R2	90.1
R3	94.7
R4	82.4
R5	82.7
R6	85.9
R7	86.6
R8	66.3
R9	5.6
R10	76.1
R11	81.6
R12	66.4
R13	84.1
R14	97.4

Cone of Light Tabulation

Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	186	5.23
6.00	82.7	7.84
8.00	46.5	10.5
10.0	29.8	13.1
12.0	20.7	15.7
14.0	15.2	18.3
16.0	11.6	20.9

Flux vs Wavelength



Chromaticity Coordinates

Chromaticity (x)	0.3396
Chromaticity (y)	0.3532
Chromaticity (u)	0.2071
Chromaticity (v)	0.3231
Chromaticity (u')	0.2071
Chromaticity (v')	0.4847
Duv	0.0026

Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #12520987.03