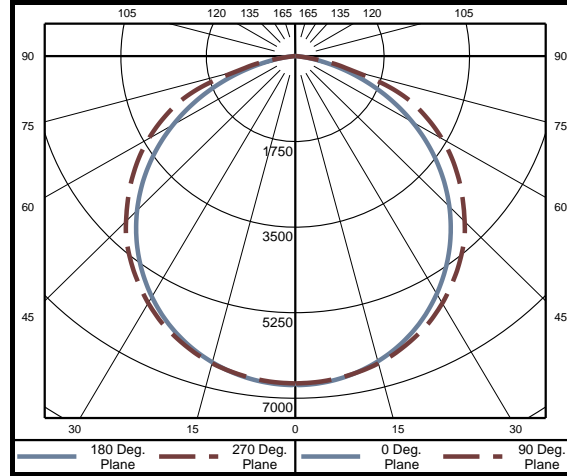


LDPI Inc  
Catalog Number  
**LE451-180-V1-A-D1-5**

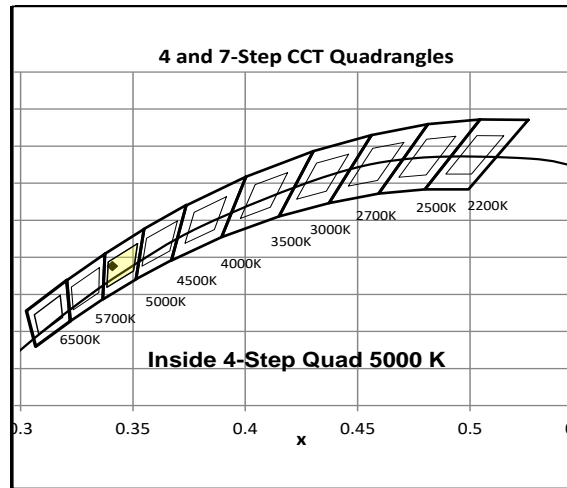
Electrical Test Conditions						
Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.1 °C	120.0 VAC	1.482 A	177.6 W	0.999	60 Hz	3.18 %

Summary of Results	
Total Lumen Output	19610 Lumens
Luminaire Efficacy	110.5 lm/w
Maximum Candela	6729 Candela
CCT	5168 K
CRI	82.9
Duv	0.0036
TM-30 Rf	84.0
TM-30 Rg	96.0



Intensity (Candlepower) Summary		
Angle	Mean CP	Lumens
0	6697	
5	6676	635
10	6602	
15	6472	1828
20	6293	
25	6061	2794
30	5775	
35	5439	3403
40	5056	
45	4628	3567
50	4152	
55	3640	3251
60	3095	
65	2518	2487
70	1907	
75	1194	1275
80	557	
85	94	181
90	0	

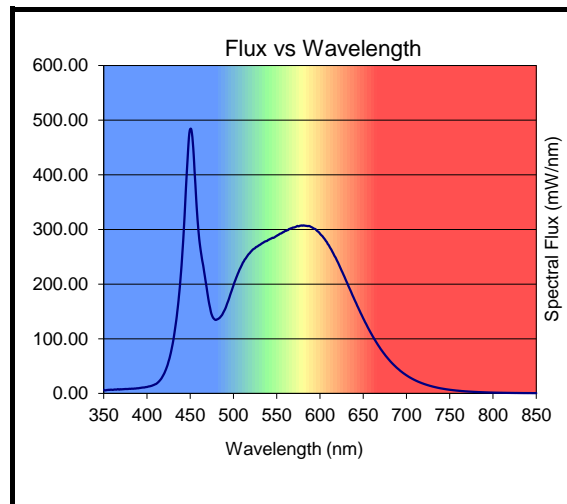
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	5257	27.1%
0-40	8659	44.6%
0-60	15477	79.7%
0-90	19422	100.0%
40-90	10763	55.4%
60-90	3945	20.3%
90-180	0	0.0%
0-180	19422	100.0%



Spacing Criteria	
0-180	1.26
90-270	1.30

Color Rendering Index Details	
Ra (CRI)	82.9
R1	80.8
R2	87.8
R3	92.9
R4	82.8
R5	81.8
R6	83.4
R7	86.9
R8	66.6
R9	4.3
R10	71.2
R11	82.2
R12	64.1
R13	82.5
R14	96.3

Average Luminance cd/m <sup>2</sup>	
Vertical Angle	Horizontal Angle 0°
0	13110
45	12210
55	11440
65	9968
75	6982
85	2218



Cone of Light Tabulation		
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	419	5.12
6.00	186	7.68
8.00	105	10.2
10.0	67.0	12.8
12.0	46.5	15.4
14.0	34.2	17.9
16.0	26.2	20.5

Chromaticity Coordinates	
Chromaticity (x)	0.3409
Chromaticity (y)	0.3553
Chromaticity (u)	0.2072
Chromaticity (v)	0.3239
Chromaticity (u')	0.2072
Chromaticity (v')	0.4859
Duv	0.0036