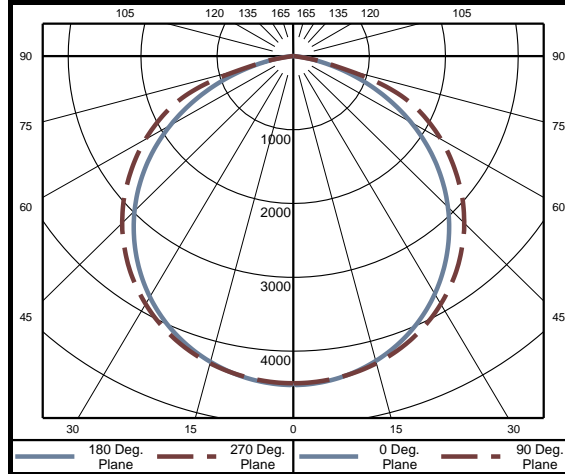


LDPI Inc  
Catalog Number  
**LE451-120-V1-A-D1-5**

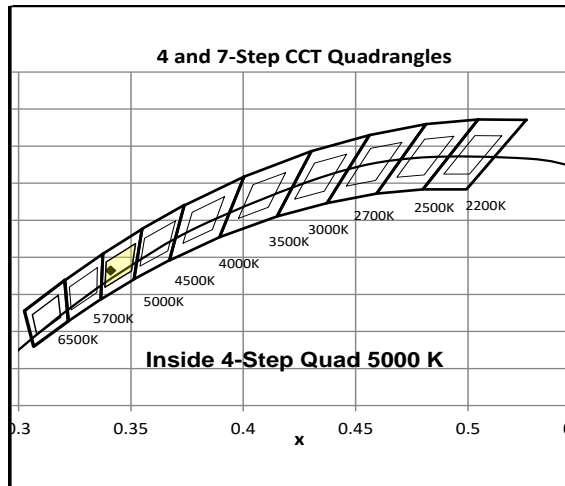
Electrical Test Conditions						
Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.2 °C	120.0 VAC	0.9641 A	115.6 W	0.999	60 Hz	4.44 %

Summary of Results	
Total Lumen Output	13000 Lumens
Luminaire Efficacy	112.5 lm/w
Maximum Candela	4461 Candela
CCT	5159 K
CRI	84.1
Duv	0.0023
TM-30 Rf	84.0
TM-30 Rg	93.0



Intensity (Candlepower) Summary		
Angle	Mean CP	Lumens
0	4438	
5	4422	420
10	4371	
15	4288	1211
20	4172	
25	4021	1854
30	3837	
35	3619	2264
40	3368	
45	3088	2381
50	2778	
55	2436	2176
60	2070	
65	1681	1659
70	1265	
75	769	817
80	314	
85	46	93
90	0	

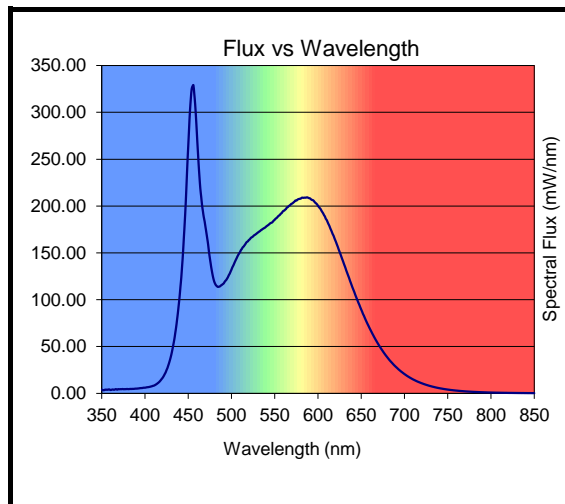
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	3486	27.1%
0-40	5750	44.7%
0-60	10307	80.0%
0-90	12876	100.0%
40-90	7126	55.3%
60-90	2569	20.0%
90-180	0	0.0%
0-180	12876	100.0%



Spacing Criteria	
0-180	1.26
90-270	1.31

Color Rendering Index Details	
Ra (CRI)	84.1
R1	82.8
R2	92.7
R3	94.7
R4	80.9
R5	83.2
R6	88.3
R7	84.9
R8	65.1
R9	6.8
R10	81.9
R11	80.3
R12	65.7
R13	86.2
R14	97.7

Average Luminance cd/m <sup>2</sup>	
Vertical Angle	Horizontal Angle 0°
0	16460
45	15390
55	14450
65	12540
75	8606
85	2457



Cone of Light Tabulation		
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	277	5.13
6.00	123	7.70
8.00	69.3	10.3
10.0	44.4	12.8
12.0	30.8	15.4
14.0	22.6	18.0
16.0	17.3	20.5

Chromaticity Coordinates	
Chromaticity (x)	0.3410
Chromaticity (y)	0.3529
Chromaticity (u)	0.2081
Chromaticity (v)	0.3231
Chromaticity (u')	0.2081
Chromaticity (v')	0.4847
Duv	0.0023