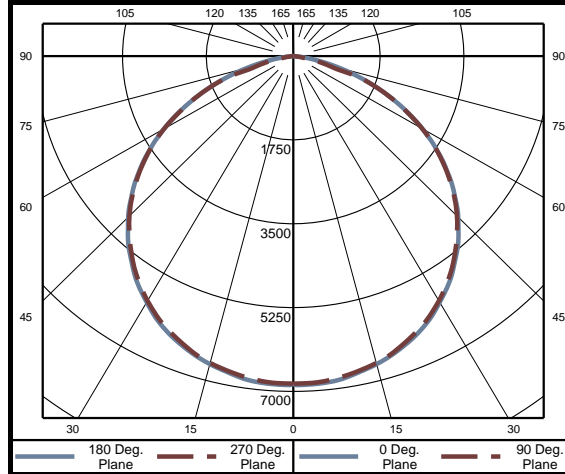


LDPI Inc
Catalog Number
LE451-140-V1-D1-5

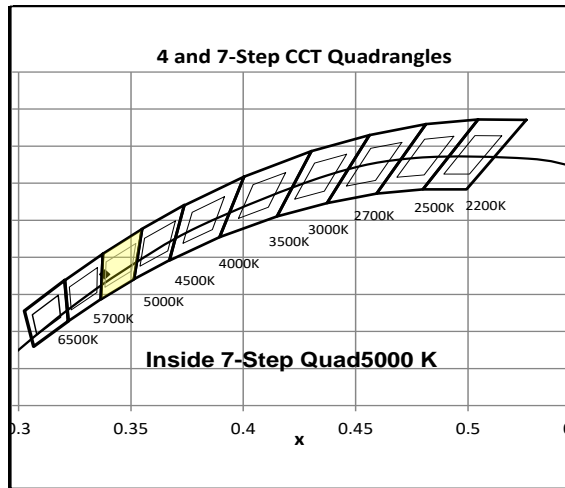
Electrical Test Conditions						
Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.0 °C	120.0 VAC	1.127 A	135.0 W	0.997	60 Hz	4.97 %

Summary of Results	
Total Lumen Output	19620 Lumens
Luminaire Efficacy	145.5 lm/w
Maximum Candela	6868 Candela
CCT	5262 K
CRI	84.1
Duv	0.0024
TM-30 Rf	84.0
TM-30 Rg	94.0



Intensity (Candlepower) Summary		
Angle	Mean CP	Lumens
0	6840	
5	6827	650
10	6758	
15	6628	1873
20	6461	
25	6238	2875
30	5954	
35	5621	3514
40	5220	
45	4769	3675
50	4261	
55	3694	3296
60	3073	
65	2392	2362
70	1688	
75	905	1017
80	357	
85	63	114
90	0	

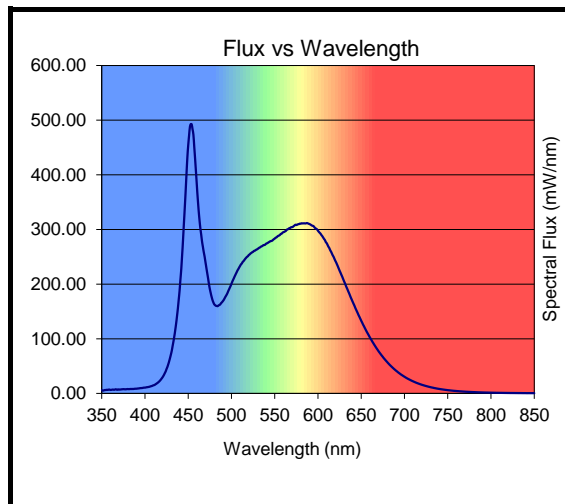
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	5397	27.9%
0-40	8910	46.0%
0-60	15881	82.0%
0-90	19374	100.0%
40-90	10464	54.0%
60-90	3493	18.0%
90-180	0	0.0%
0-180	19374	100.0%



Spacing Criteria	
0-180	1.30
90-270	1.29

Color Rendering Index Details	
Ra (CRI)	84.1
R1	82.4
R2	91.0
R3	94.9
R4	82.2
R5	83
R6	86.6
R7	86.1
R8	66.2
R9	6.4
R10	78.1
R11	81.6
R12	65.0
R13	85.1
R14	97.7

Average Luminance cd/m ²	
Vertical Angle	Horizontal Angle 0°
0	13390
45	13280
55	12700
65	11190
75	7834
85	2324



Cone of Light Tabulation		
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	428	5.17
6.00	190	7.75
8.00	107	10.3
10.0	68.4	12.9
12.0	47.5	15.5
14.0	34.9	18.1
16.0	26.7	20.7

Chromaticity Coordinates	
Chromaticity (x)	0.3383
Chromaticity (y)	0.3508
Chromaticity (u)	0.2071
Chromaticity (v)	0.3222
Chromaticity (u')	0.2071
Chromaticity (v')	0.4833
Duv	0.0024