

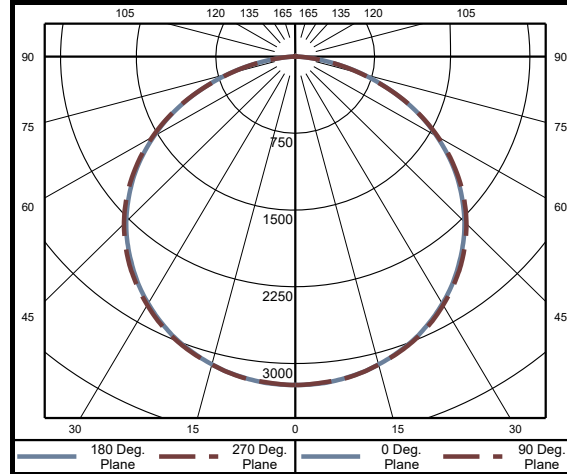


Heatron Inc  
Catalog Number  
JDHTZ-L56W2-5080



Electrical Test Conditions						
Temp	Voltage	Current	Power	Power Factor	Frequency	Current THD
25.3 °C	32.40 VDC	1.999 A	64.76 W	1.00	N/A	N/A

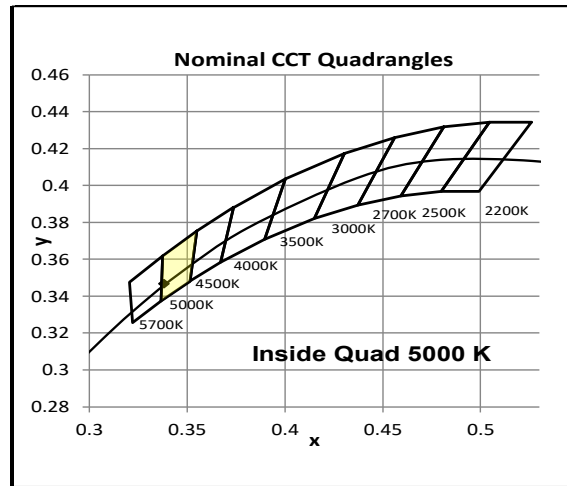
Summary of Results	
Total Lumen Output	9997 Lumens
Luminaire Efficacy	155.2 lm/w
Maximum Candela	3218 Candela
CCT	5258 K
CRI	84.3
Duv	0.0001
TM-30 Rf	81.1
TM-30 Rg	94.0



Intensity (Candlepower) Summary		
Angle	Mean CP	Lumens
0	3209	
5	3199	304
10	3169	
15	3104	879
20	3035	
25	2936	1354
30	2811	
35	2666	1668
40	2498	
45	2308	1779
50	2092	
55	1850	1652
60	1585	
65	1298	1281
70	991	
75	677	716
80	378	
85	133	168
90	14	

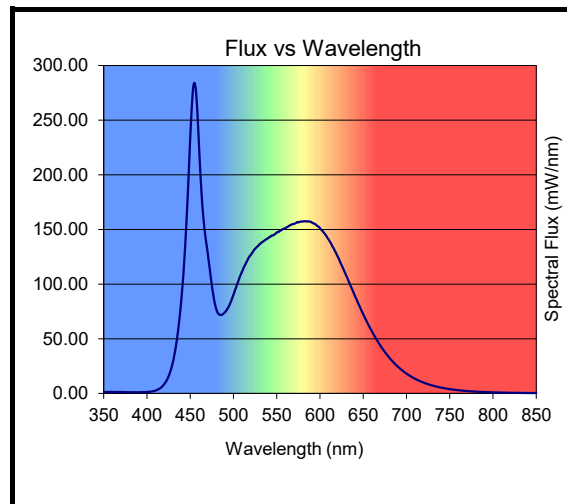
Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	2537	25.9%
0-40	4206	42.9%
0-60	7637	77.9%
0-90	9802	100.0%
40-90	5596	57.1%
60-90	2165	22.1%
90-180	0	0.0%
0-180	9802	100.0%

Spacing Criteria	
0-180	1.30
90-270	1.30



Color Rendering Index Details	
Ra (CRI)	84.3
R1	83.4
R2	91.1
R3	93.8
R4	82.2
R5	83.1
R6	85.4
R7	86.8
R8	68.7
R9	14.3
R10	76.9
R11	80.9
R12	60.6
R13	86
R14	97.0

Average Luminance cd/m <sup>2</sup>	
Vertical Angle	Horizontal Angle 0°
0	226100
45	229000
55	226200
65	215700
75	184600
85	107300



Cone of Light Tabulation		
Mounting Height (Ft)	Footcandles at Nadir	Diameter (Ft)
4.00	201	5.20
6.00	89.1	7.81
8.00	50.1	10.4
10.0	32.1	13.0
12.0	22.3	15.6
14.0	16.4	18.2
16.0	12.5	20.8

Chromaticity Coordinates	
Chromaticity (x)	0.3382
Chromaticity (y)	0.3468
Chromaticity (u)	0.2086
Chromaticity (v)	0.3209
Chromaticity (u')	0.2086
Chromaticity (v')	0.4813
Duv	0.0001

Testing was performed in accordance with LM-79-08  
The results contained in this summary pertain only to report #12088378.02