



Xiamen Leedarson Lighting Co.,Ltd
Http://www.Leedarson.com.cn
Email:zhangzl@leedarson.com
Tel:+86 0592 3699674 Fax:+86 0592 3699627
Address:Blg 1511 2nd North Fanghu Road Huli District Xiamen

Leedarson

Client:

LumCAT: 大面板灯 DL-DM6D40GS1

Luminaire:

Report No:

Voltage(V): 229.9400

Test No: A1700300A005

Current(A): 0.1690

LampCAT: -

Power (W): 38.1830

Lamp flux(lm)

PF: 0.9800

Number of Lamps: 1

Ballast type:

Length(mm): 0

Width(mm): 0

Phm Type: C

Height(mm): 0

Photometric Results

Lumens(lm): 3246.58

Lumens(lm)/Power(W): 85.03

Central intensity(cd): 1122.258

Maximum intensity(cd): 1123.416

Angle of maximum intensity: C=135.0 γ =0.0

Beam Angle(50% I_{max}): [C0/180]Total=112.1

[C90/270]Total=112.1

Field angle(10% I_{max}): [C0/180]Total=165.5

[C90/270]Total=165.4

Beam angle of C135 plane : 112.36

Average BeamAngle(IEC 61341):112.46

Maximum s/h(1/2): C0_180=1.23 C90_270=1.24

Maximum s/h(1/4): C0_180=1.35 C90_270=1.36

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 77.155%

Equipment: GMS1800
Temperature(°C): 24.9

Date: 2017-1-11
Humidity(%): 42.0%

Operator: GWQ
Distance(m): 10.26

Leedarson 大面板灯 DL-DM6D40GS1

Zonal flux distribution table

Appendix Page: 2 Total:7

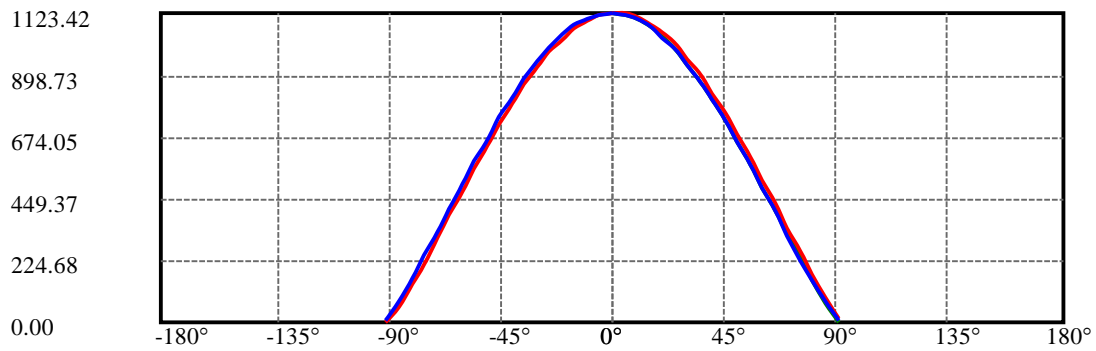
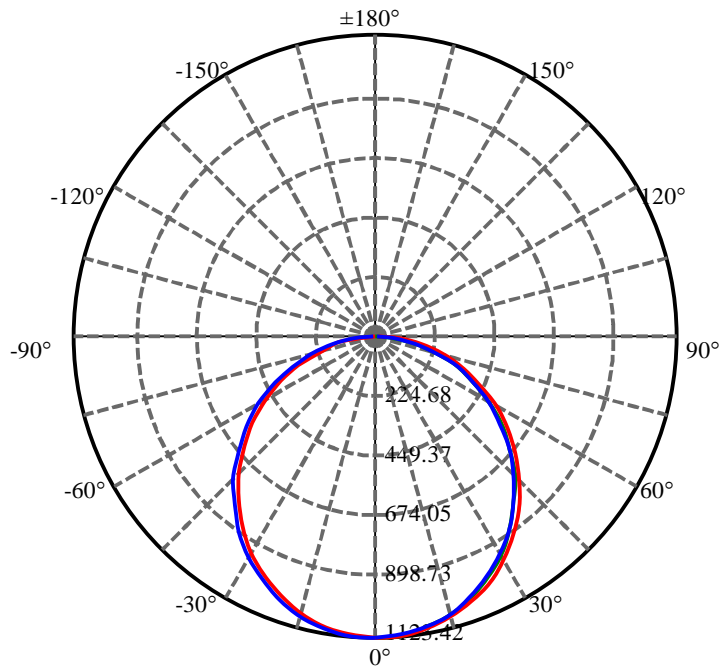
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	1121.679	0.000	0	.000%	.000%
5.0	1116.508	26.757	26.757	.824%	.824%
10.0	1100.599	79.313	106.07	2.443%	3.267%
15.0	1074.848	129.046	235.116	3.975%	7.242%
20.0	1038.754	174.191	409.306	5.365%	12.607%
25.0	993.897	213.188	622.494	6.567%	19.174%
30.0	940.987	244.861	867.355	7.542%	26.716%
35.0	879.748	268.116	1135.471	8.258%	34.974%
40.0	811.863	282.232	1417.704	8.693%	43.668%
45.0	738.544	287.071	1704.774	8.842%	52.510%
50.0	660.541	282.706	1987.48	8.708%	61.218%
55.0	578.393	269.385	2256.865	8.298%	69.515%
60.0	494.652	248.031	2504.897	7.640%	77.155%
65.0	409.623	219.831	2724.728	6.771%	83.926%
70.0	323.329	185.588	2910.316	5.716%	89.642%
75.0	235.602	146.096	3056.412	4.500%	94.142%
80.0	157.033	105.058	3161.47	3.236%	97.378%
85.0	74.740	62.978	3224.448	1.940%	99.318%
90.0	6.106	22.136	3246.584	.682%	100.000%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	867.36	26.72%
0-40	1417.70	43.67%
0-60	2504.90	77.15%
0-90	3224.45	99.32%
0-120	3224.45	99.32%
0-180	3246.58	100.00%
60-90	967.58	29.80%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.00	0.00%
90-180	0.00	0.00%
0-62.10	2597.27	80.00%

ZONAL LUMEN SUMMARY

0-10	106.07
10-20	303.24
20-30	458.05
30-40	550.35
40-50	569.78
50-60	517.42
60-70	405.42
70-80	251.15
80-90	62.98
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00



C135(Max): ——

C0/C180: ——

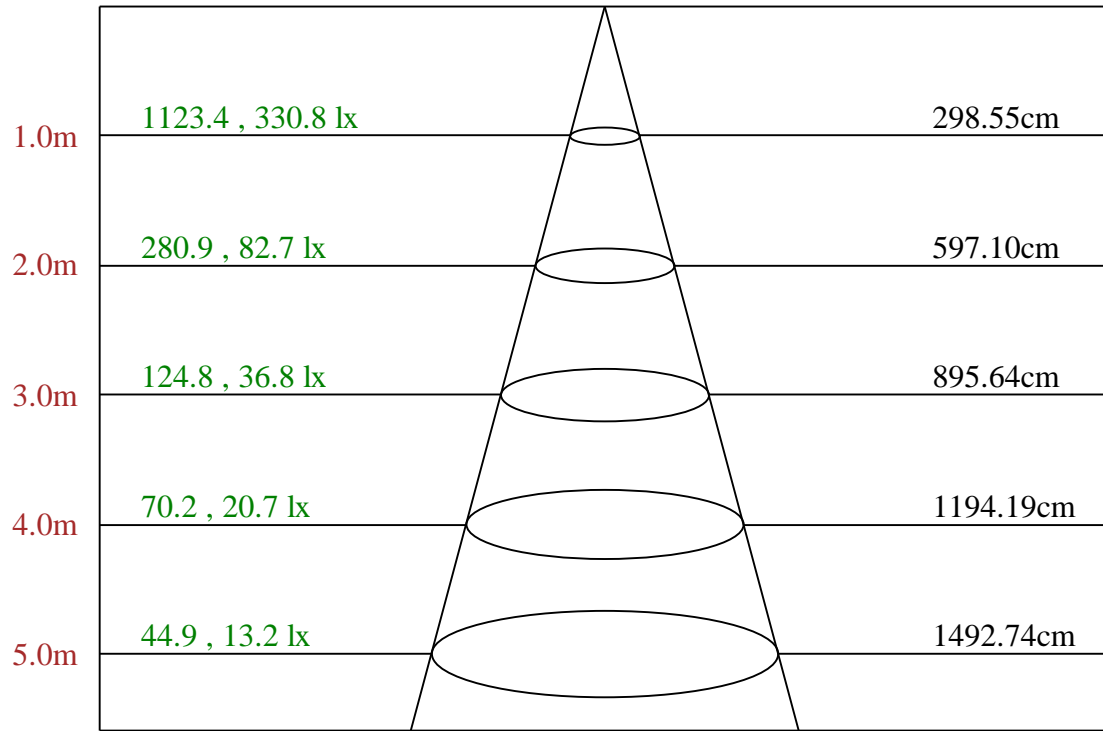
C90/C270: ——

Field angle(10% I_{max}):C0/180Left:81.6 Right:83.9

:C90/270Left:82.9 Right:82.5

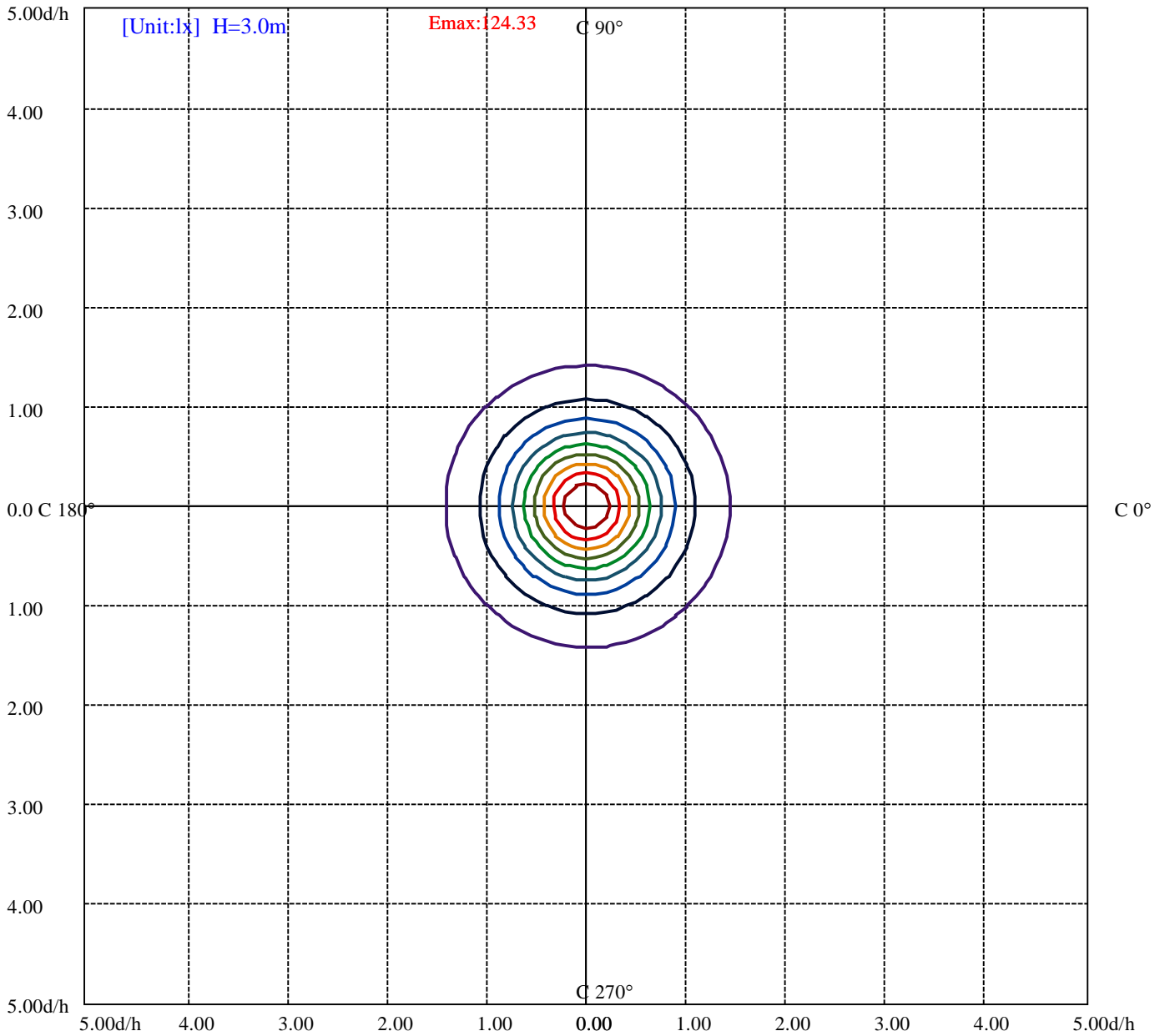
Beam Angle(50% I_{max}):C0/180Left:54.8 Right:57.3

:C90/270Left:56.5 Right:55.6



Max , Ave

Beam angle of C135 plane 112.36



(10%Emax) 12.43322	—
(20%Emax) 24.86655	—
(30%Emax) 37.29978	—
(40%Emax) 49.73311	—
(50%Emax) 62.16634	—
(60%Emax) 74.59966	—
(70%Emax) 87.03289	—
(80%Emax) 99.46622	—
(90%Emax) 111.9	—

Leedarson 大面板灯 DL-DM6D40GS1

Appendix Page: 7 Total:7

Intensity data(cd)

C/γ(°)	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0
0.0	1122.26	1119.94	1107.20	1084.57	1050.78	1008.88	958.25	899.72	831.72
45.0	1118.99	1116.15	1102.15	1078.36	1043.73	1001.09	950.25	891.62	826.46
90.0	1122.05	1115.42	1098.99	1071.41	1032.15	990.04	934.88	873.93	806.77
135.0	1123.42	1117.21	1100.15	1073.62	1037.41	990.57	937.41	874.25	806.77
180.0	1122.26	1114.15	1095.31	1066.89	1029.10	980.67	925.83	863.40	792.03
225.0	1118.99	1111.84	1093.84	1066.36	1029.20	981.62	927.30	863.09	794.98
270.0	1122.05	1117.94	1102.89	1078.15	1043.94	998.57	946.46	886.77	817.93
315.0	1123.42	1119.42	1104.26	1079.41	1043.73	999.73	947.51	885.20	818.25
360.0	1122.26	1119.94	1107.20	1084.57	1050.78	1008.88	958.25	899.72	831.72

C/γ(°)	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0
0.0	759.93	683.40	600.03	517.07	429.70	345.07	261.59	176.85	94.00
45.0	752.35	676.03	593.39	511.18	427.39	340.22	257.06	175.27	89.27
90.0	731.40	654.24	570.87	488.23	404.33	317.38	225.90	152.22	73.27
135.0	733.82	653.40	572.66	489.81	405.70	318.43	235.17	153.37	67.48
180.0	718.14	639.71	558.44	472.02	387.81	303.91	208.32	136.95	58.95
225.0	721.50	643.61	559.50	476.23	392.02	304.64	208.22	138.85	59.37
270.0	745.61	665.82	585.18	502.13	414.33	329.38	245.17	162.53	75.58
315.0	745.61	668.13	587.08	500.55	415.70	327.59	243.38	160.22	80.00
360.0	759.93	683.40	600.03	517.07	429.70	345.07	261.59	176.85	94.00

C/γ(°)	90.0
0.0	14.42
45.0	14.32
90.0	5.89
135.0	0.00
180.0	0.32
225.0	3.37
270.0	4.42
315.0	6.11
360.0	14.42