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Leedarson

Client:

LumCAT: 大面板灯 DL-DM6D40GS1

Luminaire:

Report No:

Voltage(V): 230.0000

Test No: A1700300A003

Current(A): 0.1710

LampCAT: -

Power (W): 38.6430

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): 3132.57

Lumens(lm)/Power(W): 81.06

Central intensity(cd): 1084.783

Maximum intensity(cd): 1085.520

Angle of maximum intensity: C=135.0 γ =0.0

Beam Angle(50% I_{max}): [C0/180]Total=112.4

[C90/270]Total=111.4

Field angle(10% I_{max}): [C0/180]Total=165.7

[C90/270]Total=165.3

Beam angle of C135 plane : 112.27

Aveage BeamAngle(IEC 61341):112.32

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

Maximum s/h(1/4): C0_180=1.36 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 : 77.184%

Equipment: GMS1800
Temperature(°C): 24.9

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

Operator: GWQ
Distance(m): 10.26

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Zonal flux distribution table

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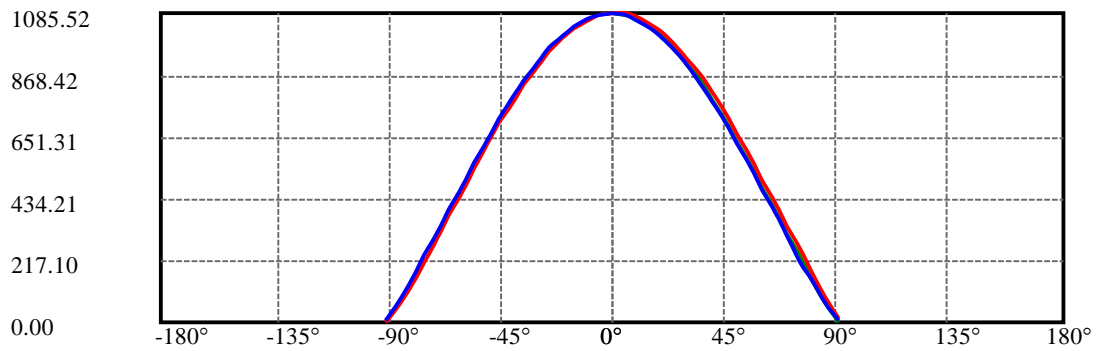
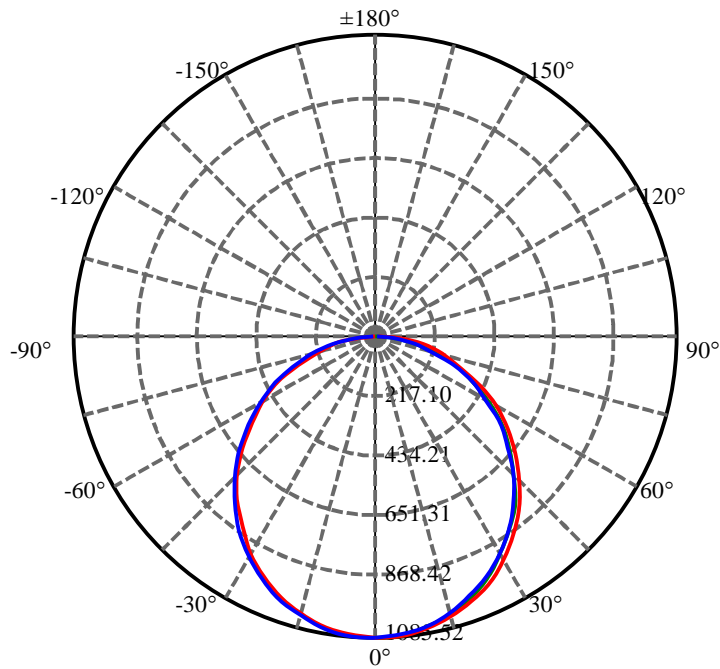
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(%)	Eff Sum(%)
0.0	1083.783	0.000	0	.000%	.000%
5.0	1078.703	25.852	25.852	.825%	.825%
10.0	1063.150	76.621	102.473	2.446%	3.271%
15.0	1038.228	124.652	227.125	3.979%	7.250%
20.0	1003.332	168.253	395.378	5.371%	12.622%
25.0	959.488	205.864	601.242	6.572%	19.193%
30.0	908.262	236.365	837.607	7.545%	26.739%
35.0	848.720	258.728	1096.335	8.259%	34.998%
40.0	783.902	272.391	1368.726	8.695%	43.693%
45.0	712.451	277.062	1645.787	8.845%	52.538%
50.0	637.882	272.855	1918.642	8.710%	61.248%
55.0	557.813	259.984	2178.626	8.299%	69.547%
60.0	477.086	239.214	2417.84	7.636%	77.184%
65.0	395.096	212.029	2629.869	6.769%	83.952%
70.0	312.395	179.141	2809.01	5.719%	89.671%
75.0	226.220	140.785	2949.795	4.494%	94.165%
80.0	151.033	100.942	3050.738	3.222%	97.388%
85.0	72.253	60.672	3111.41	1.937%	99.324%
90.0	5.040	21.163	3132.573	.676%	100.000%

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	837.61	26.74%
0-40	1368.73	43.69%
0-60	2417.84	77.18%
0-90	3111.41	99.32%
0-120	3111.41	99.32%
0-180	3132.57	100.00%
60-90	932.78	29.78%
90-120	0.00	0.00%
90-130	0.00	0.00%
90-150	0.00	0.00%
90-180	0.00	0.00%
0-62.08	2506.06	80.00%

ZONAL LUMEN SUMMARY

0-10	102.47
10-20	292.91
20-30	442.23
30-40	531.12
40-50	549.92
50-60	499.20
60-70	391.17
70-80	241.73
80-90	60.67
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: ——

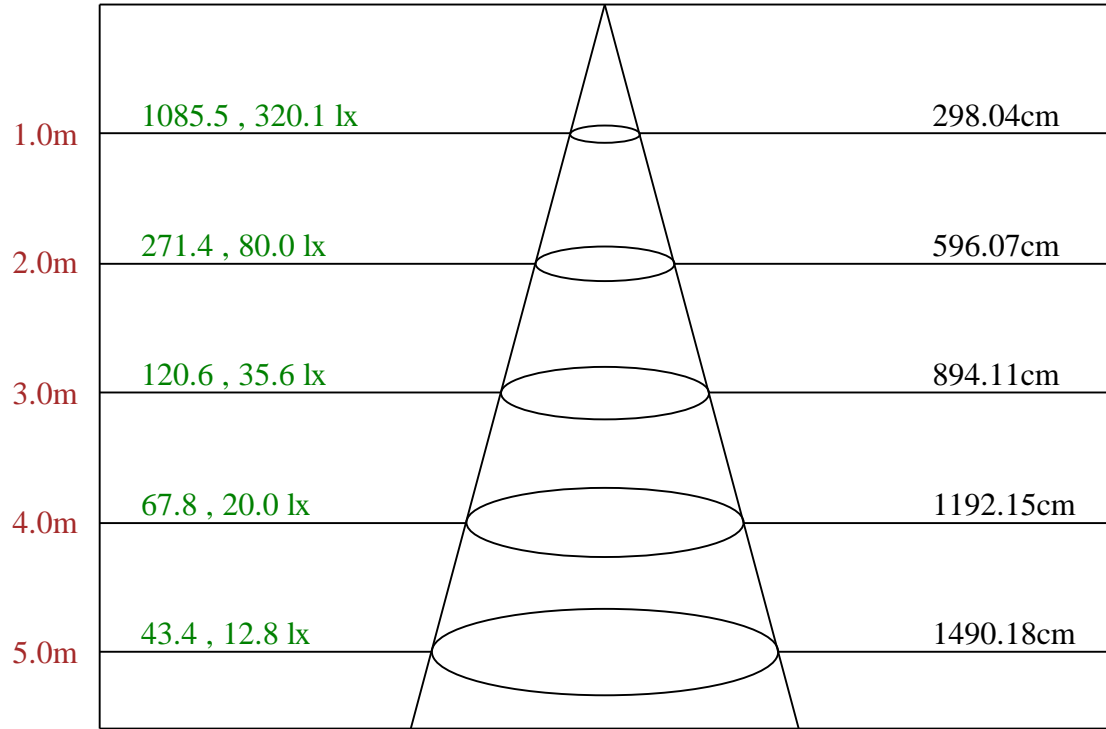
C90/C270: ——

Field angle(10% I_{max}):C0/180Left:81.8 Right:83.9

:C90/270Left:82.8 Right:82.5

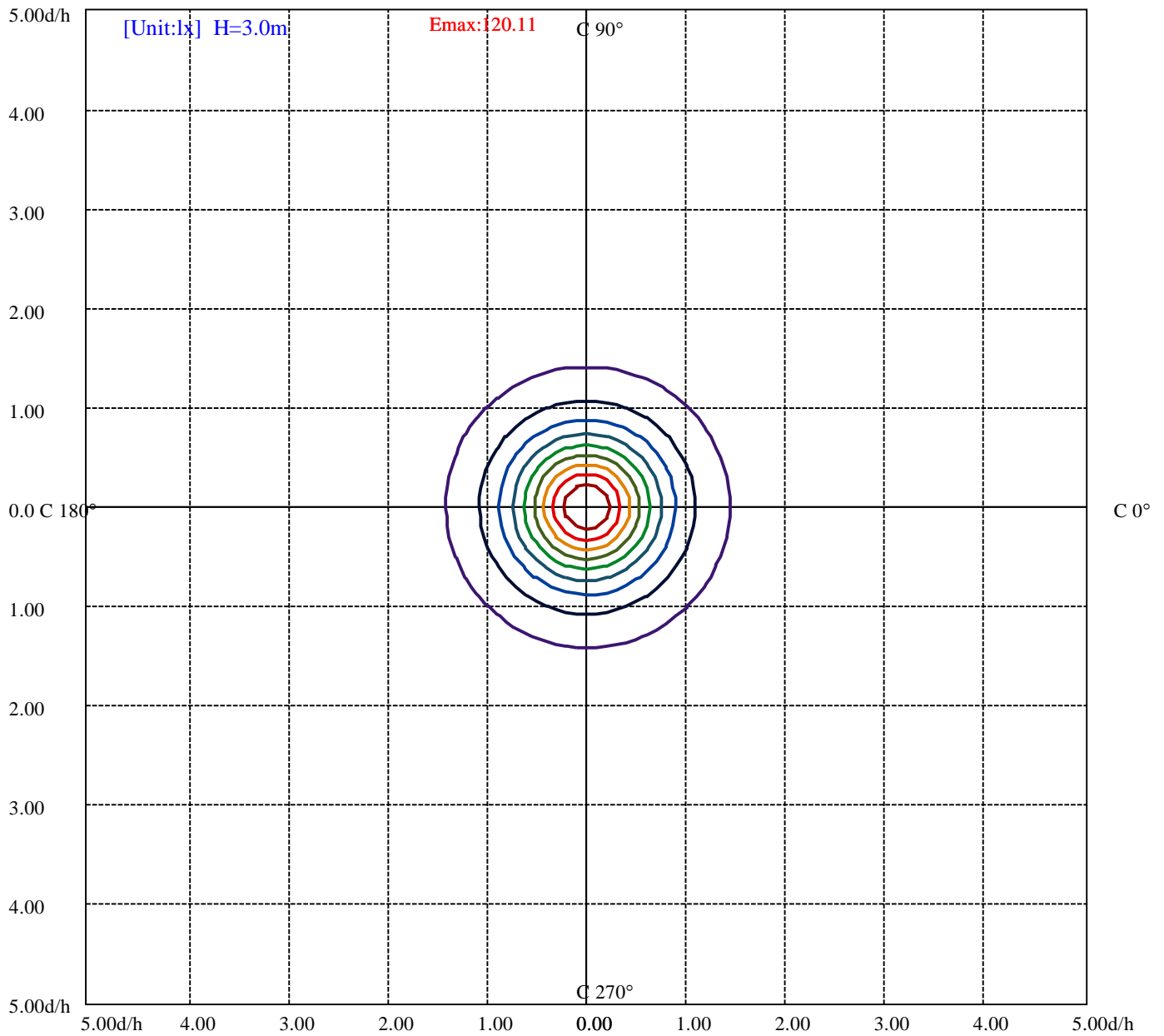
Beam Angle(50% I_{max}):C0/180Left:55.0 Right:57.4

:C90/270Left:56.1 Right:55.3



Max , Ave

Beam angle of C135 plane 112.27



(10%Emax) 12.011	—
(20%Emax) 24.02211	—
(30%Emax) 36.03311	—
(40%Emax) 48.04411	—
(50%Emax) 60.05522	—
(60%Emax) 72.06622	—
(70%Emax) 84.07722	—
(80%Emax) 96.08833	—
(90%Emax) 108.0993	—

Equipment: GMS1800
 Temperature(°C): 24.9

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

Operator: GWQ
 Distance(m): 10.26

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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	1084.78	1082.36	1069.62	1047.62	1014.78	974.25	925.62	869.19	806.24
45.0	1080.99	1077.62	1063.73	1040.46	1007.94	965.09	915.41	858.46	795.09
90.0	1083.84	1077.62	1060.47	1034.04	996.99	952.46	900.14	838.25	772.45
135.0	1085.52	1079.73	1063.10	1037.41	1002.46	957.09	905.30	846.46	781.30
180.0	1084.78	1077.52	1059.73	1032.99	997.20	951.20	898.56	836.67	770.66
225.0	1080.99	1073.94	1057.20	1030.68	993.62	949.30	896.67	835.09	769.19
270.0	1083.84	1079.73	1064.78	1040.36	1006.36	961.94	910.67	852.35	787.72
315.0	1085.52	1081.10	1066.57	1042.25	1007.31	964.57	913.72	853.30	788.56
360.0	1084.78	1082.36	1069.62	1047.62	1014.78	974.25	925.62	869.19	806.24

C/γ(°)	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0
0.0	734.87	660.98	580.76	500.76	419.18	334.22	252.96	173.06	89.48
45.0	723.61	649.92	572.97	490.65	409.91	328.96	245.80	166.95	84.53
90.0	701.71	627.08	546.34	466.97	386.44	303.38	208.85	146.22	70.74
135.0	708.14	633.40	555.29	472.44	391.38	310.54	227.59	148.95	66.74
180.0	699.50	624.03	542.55	461.81	380.02	295.70	208.43	136.11	59.69
225.0	698.35	623.18	541.92	461.60	377.17	295.80	208.43	132.95	58.53
270.0	715.08	640.66	559.92	480.02	398.86	314.54	234.01	154.95	72.11
315.0	718.35	643.82	562.76	482.44	397.81	316.01	223.69	149.06	76.21
360.0	734.87	660.98	580.76	500.76	419.18	334.22	252.96	173.06	89.48

C/γ(°)	90.0
0.0	11.68
45.0	12.00
90.0	5.47
135.0	0.00
180.0	0.11
225.0	2.53
270.0	3.79
315.0	4.74
360.0	11.68