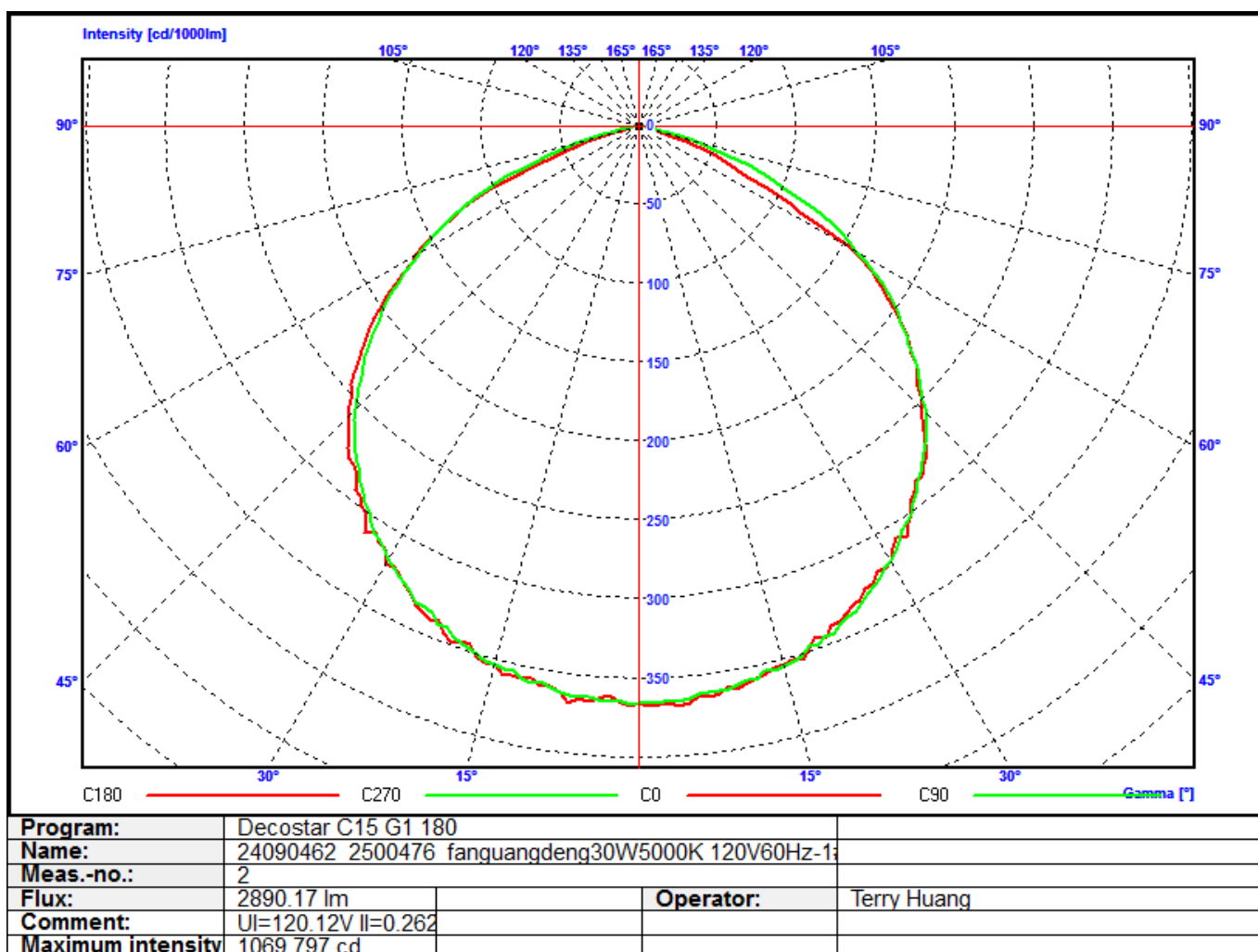


LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	Decostar C15 G1 180			
Name:	24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng)			
Meas.-no.:	2			
Flux:	2890.17 lm		Operator:	Terry Huang
Comment:	UI=120.12V II=0.262A WI=28.3W PF=0.902			
Maximum intensity:	1069.797 cd			

Polar diagram 24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng) / C-Plane measurement



LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	Decostar C15 G1 180			
Name:	24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng)			
Meas.-no.:	2			
Flux:	2890.17 lm		Operator:	Terry Huang
Comment:	UI=120.12V II=0.262A WI=28.3W PF=0.902			
Maximum intensity:	1069.797 cd			

Intensity [cd] 24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng) / C-Plane measurement

G/C [cd]	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00
0.00	1056.1	1064.2	1055.0	1044.4	1054.5	1055.0	1056.3	1055.4	1054.3
1.00	1060.4	1069.8	1055.2	1058.6	1048.5	1045.3	1053.4	1055.2	1057.7
2.00	1059.2	1068.4	1053.6	1043.7	1051.4	1048.2	1056.1	1061.5	1056.5
3.00	1057.2	1056.8	1057.4	1050.5	1049.8	1046.4	1051.1	1058.1	1054.3
4.00	1062.2	1056.8	1063.5	1052.0	1052.7	1045.8	1054.5	1053.8	1048.7
5.00	1058.1	1063.5	1051.8	1047.1	1051.4	1043.7	1050.5	1056.5	1053.6
6.00	1046.9	1052.0	1036.5	1049.8	1037.2	1048.2	1043.3	1053.6	1051.4
7.00	1051.4	1052.5	1058.1	1046.9	1046.7	1045.1	1042.4	1047.8	1051.4
8.00	1048.2	1045.5	1050.2	1046.4	1038.8	1040.6	1043.1	1047.6	1048.0
9.00	1037.4	1041.7	1042.6	1054.7	1048.5	1036.1	1042.4	1044.2	1051.6
10.00	1045.1	1036.3	1032.7	1028.9	1042.8	1040.4	1038.3	1041.9	1046.4
11.00	1038.8	1037.7	1032.9	1028.0	1026.0	1029.1	1032.3	1043.1	1043.1
12.00	1033.2	1024.0	1021.9	1032.9	1031.4	1025.3	1034.7	1041.3	1036.8
13.00	1027.8	1023.7	1030.0	1032.3	1027.3	1019.5	1020.8	1033.8	1033.2
14.00	1021.0	1023.1	1020.8	1026.2	1032.3	1023.7	1026.7	1026.2	1026.9
15.00	1020.4	1008.0	1011.2	1017.0	1025.1	1023.5	1022.6	1022.6	1028.0
16.00	1016.5	1000.4	1020.6	1012.5	1016.3	1013.4	1019.2	1018.8	1017.0
17.00	1019.7	1011.2	1001.9	1004.9	1005.1	997.4	1013.8	1009.8	1013.2
18.00	1004.6	1005.5	999.9	994.7	1001.7	1007.3	1000.1	1009.6	1007.1
19.00	988.9	995.9	993.2	994.3	999.2	1002.2	1002.2	1005.1	1004.2
20.00	997.4	995.2	993.6	988.5	998.8	998.1	993.8	999.0	1000.4
21.00	980.1	991.4	982.2	972.1	993.2	988.0	992.9	994.3	995.2
22.00	977.9	981.7	978.6	979.7	978.1	976.1	981.3	986.0	987.8
23.00	968.9	968.9	970.3	973.0	970.0	967.3	975.6	984.6	979.0
24.00	959.7	961.3	958.8	964.6	966.7	963.5	972.3	973.6	970.9
25.00	954.8	952.3	954.1	961.5	962.2	952.1	962.4	964.6	963.1
26.00	942.2	944.2	956.3	942.2	952.5	946.4	950.7	962.2	953.4
27.00	941.5	933.9	944.0	940.6	945.3	932.7	943.1	952.3	947.3
28.00	923.7	921.5	938.6	925.1	933.9	927.1	937.2	934.1	930.7
29.00	925.1	926.4	924.0	927.8	923.5	920.4	923.1	931.4	928.7

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W5000K 120V60Hz-
1#(liang.jiancheng) / C-Plane measurement

G/C [cd]	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00
30.00	918.6	909.4	916.3	903.7	914.5	909.8	918.3	921.9	918.1
31.00	901.5	914.5	901.7	902.4	903.3	905.1	907.6	910.7	913.9
32.00	886.4	891.2	893.4	904.0	887.3	899.9	897.2	899.2	904.0
33.00	897.9	888.7	882.4	872.7	884.2	884.6	879.3	893.6	890.5
34.00	877.0	870.3	877.5	863.1	871.2	880.4	874.3	878.6	879.9
35.00	864.6	870.0	864.0	868.2	861.3	864.4	868.5	866.2	867.3
36.00	844.0	857.5	857.0	855.7	847.8	852.5	852.3	855.7	856.6
37.00	835.2	836.6	840.2	840.2	834.1	843.1	841.7	843.7	843.7
38.00	821.3	836.6	827.1	831.4	828.7	830.0	827.3	831.2	833.2
39.00	822.4	813.2	817.7	811.4	818.4	809.6	816.6	814.3	821.5
40.00	809.6	807.6	804.0	808.5	809.1	797.2	802.0	805.1	807.3
41.00	799.0	781.5	798.6	797.9	786.9	786.5	791.2	795.9	791.6
42.00	779.7	779.0	777.2	778.4	773.4	767.6	780.8	782.9	784.7
43.00	763.5	762.0	769.4	762.0	756.3	765.3	768.2	763.3	768.5
44.00	745.3	745.3	753.2	744.2	746.0	753.2	754.1	750.3	754.5
45.00	731.2	731.2	736.6	729.8	734.5	732.5	741.3	734.8	741.7
46.00	719.5	718.1	722.6	710.3	721.7	717.5	720.2	721.3	728.5
47.00	695.9	704.9	699.5	703.1	712.1	697.2	703.8	704.2	711.2
48.00	685.6	688.9	688.5	684.2	693.0	684.9	688.5	688.9	695.9
49.00	671.9	668.3	666.2	670.1	675.2	673.9	673.7	673.0	679.9
50.00	648.5	650.1	662.4	653.7	661.7	650.5	653.7	657.7	662.9
51.00	637.2	636.6	641.3	632.1	642.9	635.2	633.2	638.4	647.4
52.00	618.2	622.0	621.5	620.2	623.5	621.1	619.3	625.3	626.2
53.00	600.8	602.0	608.0	603.5	603.8	600.2	598.6	602.9	610.7
54.00	577.7	581.3	585.3	576.8	585.3	580.2	586.9	584.9	590.7
55.00	554.6	555.7	562.4	564.9	565.8	567.4	568.9	572.8	573.7
56.00	537.9	541.8	536.6	544.7	547.6	550.1	548.9	553.2	554.3
57.00	519.7	513.4	522.9	526.0	529.2	529.2	530.5	533.4	540.0
58.00	499.5	495.2	499.3	497.3	513.0	508.5	505.4	513.4	518.2
59.00	469.8	474.1	484.2	480.2	488.3	488.7	483.8	492.1	499.3
60.00	443.3	455.7	465.4	466.5	470.3	471.2	457.5	463.3	477.3
61.00	383.3	405.4	439.5	446.0	446.5	442.4	437.3	448.7	455.5
62.00	330.3	341.8	417.7	425.4	425.1	422.2	417.5	422.4	433.9
63.00	309.6	313.0	394.6	398.8	401.1	401.5	395.7	403.8	411.7
64.00	254.8	277.3	341.8	374.8	381.1	382.0	371.2	382.2	389.0
65.00	208.3	220.4	285.4	355.0	358.2	352.8	340.9	348.1	368.3
66.00	191.9	192.1	264.0	331.2	334.8	323.1	307.2	318.0	346.9
67.00	175.7	175.5	216.6	309.6	313.7	297.5	281.8	292.3	319.1
68.00	162.2	160.4	170.3	261.1	289.4	269.9	263.3	265.6	289.6

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W5000K 120V60Hz-
1#(liang.jiancheng) / C-Plane measurement

G/C [cd]	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00
69.00	149.7	146.7	153.9	213.0	262.2	248.5	238.4	242.7	260.7
70.00	138.6	133.7	144.3	189.4	238.0	216.2	211.7	222.0	236.8
71.00	92.1	104.0	131.9	142.2	215.3	191.0	189.2	201.8	215.0
72.00	64.3	73.3	119.1	120.4	183.6	171.0	163.1	182.2	190.3
73.00	34.2	36.0	91.5	105.8	160.2	140.9	134.6	144.5	169.4
74.00	29.9	29.7	61.3	91.0	134.4	120.0	117.5	126.7	153.5
75.00	26.3	26.3	29.0	76.8	95.3	101.6	92.4	105.2	119.1
76.00	23.4	23.1	25.2	49.7	75.5	78.6	75.0	83.1	102.0
77.00	20.4	20.0	21.8	27.0	52.8	63.6	54.4	62.9	73.9
78.00	17.8	17.1	19.1	19.5	42.0	47.4	40.2	51.2	54.4
79.00	14.8	14.6	16.2	16.6	33.0	31.9	29.9	35.7	36.2
80.00	12.4	12.1	13.5	14.4	22.0	21.1	20.2	23.8	25.4
81.00	10.3	10.1	11.0	11.7	13.7	13.7	12.8	15.3	18.7
82.00	8.8	8.3	9.2	9.4	11.0	10.8	9.4	12.1	13.3
83.00	7.0	6.7	7.4	7.6	8.8	8.1	6.7	8.5	10.3
84.00	5.6	5.4	5.8	6.1	7.0	6.1	4.7	5.8	7.6
85.00	4.3	4.3	4.5	4.7	5.4	4.5	2.9	4.0	5.6
86.00	3.4	3.1	3.6	3.6	4.0	3.1	1.8	2.5	4.0
87.00	2.5	2.5	2.7	2.5	2.9	2.2	1.3	1.8	2.9
88.00	2.0	1.8	2.0	1.8	2.0	1.8	1.1	1.6	2.0
89.00	1.6	1.6	1.6	1.6	1.6	1.3	1.1	1.3	1.6
90.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
91.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
92.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
93.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
94.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
95.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
96.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
97.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
98.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
99.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
100.00	1.6	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
101.00	1.6	1.6	1.6	1.3	1.6	1.6	1.3	1.3	1.3
102.00	1.6	1.6	1.3	1.6	1.6	1.6	1.3	1.3	1.6
103.00	1.6	1.6	1.6	1.6	1.3	1.6	1.3	1.6	1.6
104.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
105.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
106.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
107.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W5000K 120V60Hz-
1#(liang.jiancheng) / C-Plane measurement

G/C [cd]	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00
108.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
109.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
110.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
111.00	1.8	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
112.00	1.8	1.8	1.8	1.6	1.8	1.6	1.3	1.6	1.6
113.00	1.8	1.8	1.8	1.8	1.6	1.6	1.3	1.8	1.6
114.00	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.8	1.8
115.00	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.8	1.8
116.00	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.8	1.8
117.00	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.8	1.8
118.00	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.8	1.8
119.00	2.0	1.8	1.8	1.8	1.8	1.8	1.6	1.8	1.8
120.00	2.0	2.0	1.8	1.8	1.8	1.8	1.6	1.8	1.8
121.00	2.0	2.0	2.0	2.0	1.8	1.8	1.6	2.0	2.0
122.00	2.0	2.0	2.0	2.0	2.0	2.0	1.8	2.0	2.0
123.00	2.0	2.0	2.0	2.0	2.0	2.0	1.8	2.0	2.0
124.00	2.0	2.0	2.0	2.0	2.0	2.0	1.8	2.0	2.0
125.00	2.0	2.0	2.0	2.0	2.0	2.0	1.8	2.0	2.0
126.00	2.0	2.0	2.0	2.0	2.0	2.0	1.8	2.0	2.0
127.00	2.0	2.0	2.0	2.0	2.0	2.0	1.8	2.0	2.0
128.00	2.0	2.2	2.0	2.0	2.0	2.0	1.8	2.0	2.0
129.00	2.0	2.0	2.0	2.2	2.0	2.0	1.8	2.0	2.0
130.00	2.2	2.2	2.0	2.0	2.2	2.0	2.0	2.0	2.0
131.00	2.2	2.2	2.2	2.2	2.2	2.2	2.0	2.0	2.2
132.00	2.2	2.2	2.2	2.2	2.2	2.2	2.0	2.2	2.0
133.00	2.2	2.2	2.2	2.2	2.2	2.2	2.0	2.2	2.2
134.00	2.2	2.2	2.2	2.2	2.2	2.2	2.0	2.2	2.2
135.00	2.2	2.2	2.2	2.2	2.2	2.2	2.0	2.2	2.2
136.00	2.2	2.2	2.2	2.2	2.2	2.2	2.0	2.2	2.2
137.00	2.2	2.2	2.2	2.2	2.2	2.2	2.0	2.2	2.2
138.00	2.2	2.2	2.2	2.2	2.2	2.2	2.0	2.2	2.2
139.00	2.5	2.5	2.5	2.2	2.2	2.2	2.2	2.2	2.2
140.00	2.5	2.5	2.2	2.2	2.2	2.2	2.2	2.2	2.2
141.00	2.5	2.5	2.5	2.5	2.5	2.5	2.2	2.2	2.2
142.00	2.5	2.5	2.5	2.5	2.5	2.5	2.2	2.5	2.5
143.00	2.5	2.5	2.5	2.5	2.5	2.5	2.2	2.5	2.5
144.00	2.5	2.5	2.5	2.5	2.5	2.5	2.2	2.5	2.5
145.00	2.5	2.5	2.5	2.5	2.5	2.5	2.2	2.5	2.5
146.00	2.5	2.5	2.5	2.5	2.5	2.5	2.2	2.5	2.5

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W5000K 120V60Hz-
1#(liang.jiancheng) / C-Plane measurement

G/C [cd]	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00
147.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
148.00	2.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
149.00	2.7	2.7	2.5	2.7	2.5	2.5	2.5	2.5	2.5
150.00	2.7	2.7	2.7	2.7	2.5	2.7	2.5	2.5	2.5
151.00	2.7	2.7	2.7	2.7	2.5	2.7	2.5	2.7	2.7
152.00	2.7	2.7	2.7	2.7	2.7	2.7	2.5	2.7	2.7
153.00	2.7	2.7	2.7	2.7	2.7	2.7	2.5	2.7	2.7
154.00	2.7	2.7	2.7	2.7	2.7	2.7	2.5	2.7	2.7
155.00	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
156.00	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
157.00	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
158.00	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
159.00	2.7	2.7	2.9	2.7	2.7	2.7	2.7	2.7	2.7
160.00	2.9	2.9	2.7	2.7	2.7	2.7	2.7	2.7	2.7
161.00	2.9	2.9	2.7	2.7	2.7	2.9	2.7	2.7	2.7
162.00	2.9	2.9	2.9	2.7	2.7	2.7	2.7	2.7	2.9
163.00	2.9	2.9	2.9	2.9	2.7	2.9	2.7	2.7	2.7
164.00	2.9	2.9	2.9	2.9	2.9	2.9	2.7	2.9	2.7
165.00	2.9	2.9	2.9	2.9	2.9	2.9	2.7	2.9	2.9
166.00	2.9	2.9	2.9	2.9	2.9	2.9	2.7	2.9	2.9
167.00	2.9	2.9	2.9	2.9	2.9	2.9	2.7	2.9	2.9
168.00	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
169.00	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
170.00	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
171.00	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
172.00	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
173.00	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
174.00	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
175.00	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
176.00	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
177.00	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
178.00	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
179.00	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
180.00	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9

G/C [cd]	135.00	150.00	165.00	180.00	195.00	210.00	225.00	240.00	255.00
0.00	1061.7	1062.6	1063.7	1056.1	1064.2	1055.0	1044.4	1054.5	1055.0
1.00	1057.4	1060.1	1061.0	1062.2	1059.9	1050.9	1056.5	1047.6	1058.6
2.00	1058.8	1058.3	1056.5	1051.8	1047.8	1053.2	1046.4	1051.8	1055.9

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W5000K 120V60Hz-
1#(liang.jiancheng) / C-Plane measurement

G/C [cd]	135.00	150.00	165.00	180.00	195.00	210.00	225.00	240.00	255.00
3.00	1055.2	1055.2	1056.5	1041.5	1046.9	1046.7	1053.8	1050.9	1050.7
4.00	1055.0	1058.8	1058.3	1050.7	1045.1	1064.4	1056.5	1042.6	1045.8
5.00	1055.6	1054.1	1054.7	1057.2	1053.6	1053.6	1039.9	1048.2	1044.4
6.00	1053.6	1053.4	1056.1	1053.2	1051.8	1049.6	1049.1	1054.7	1048.0
7.00	1053.4	1051.1	1051.1	1064.0	1052.5	1048.0	1041.5	1046.9	1048.2
8.00	1050.7	1053.8	1055.4	1045.5	1048.0	1049.6	1045.1	1035.6	1047.8
9.00	1048.5	1049.8	1050.5	1038.1	1055.9	1041.7	1043.1	1041.5	1039.0
10.00	1051.6	1044.6	1042.2	1040.6	1043.1	1042.8	1039.7	1037.7	1040.4
11.00	1052.7	1044.9	1039.5	1030.3	1034.3	1035.0	1032.5	1039.5	1036.1
12.00	1035.0	1038.3	1037.2	1031.4	1030.5	1034.5	1038.3	1027.1	1028.0
13.00	1029.4	1034.3	1027.6	1030.9	1035.6	1039.7	1031.1	1017.7	1033.2
14.00	1028.2	1026.7	1024.4	1035.0	1018.8	1021.0	1031.1	1022.4	1022.8
15.00	1024.9	1021.5	1023.3	1019.0	1011.4	1026.2	1026.4	1019.5	1022.4
16.00	1018.1	1017.2	1018.3	1020.4	1017.2	1015.6	999.5	1005.5	1020.1
17.00	1013.2	1015.2	1011.4	1013.6	1004.9	1008.7	1007.3	1009.4	1010.9
18.00	1012.0	1008.9	1010.5	995.2	1010.9	995.4	1005.1	1002.4	996.5
19.00	997.4	1003.7	1005.3	997.2	986.2	998.1	997.7	996.1	1001.0
20.00	993.4	1000.6	1000.6	1005.5	998.3	990.9	995.6	983.1	992.9
21.00	989.4	991.6	988.7	993.6	993.8	976.5	986.4	973.4	992.3
22.00	981.0	982.8	984.0	977.0	979.0	985.1	979.2	977.7	977.9
23.00	976.8	973.0	979.0	979.0	974.7	966.4	967.8	959.7	974.1
24.00	967.1	966.2	966.0	971.6	965.1	965.1	960.1	962.2	964.0
25.00	961.0	958.8	958.1	968.0	959.9	956.1	947.8	951.4	959.7
26.00	956.5	954.1	953.2	952.5	945.1	948.0	938.6	944.6	948.7
27.00	944.0	944.9	947.6	943.1	938.6	940.6	950.7	934.1	943.7
28.00	933.6	938.8	936.6	931.6	942.8	930.0	926.0	931.6	936.1
29.00	930.9	928.9	922.4	923.5	921.9	923.3	919.9	913.0	922.4
30.00	913.9	919.5	919.0	923.5	925.1	910.7	919.9	917.0	905.8
31.00	910.3	909.4	908.5	901.3	908.0	899.9	907.3	902.6	905.8
32.00	901.0	899.7	897.2	896.6	893.9	889.4	896.8	890.5	897.7
33.00	885.8	888.9	886.7	885.5	889.4	895.0	884.4	884.0	890.3
34.00	878.4	878.8	878.1	896.8	880.8	872.7	868.7	869.8	873.2
35.00	872.1	869.8	866.0	867.8	867.3	872.1	873.0	868.0	863.1
36.00	857.7	857.5	853.6	861.1	851.2	855.2	867.8	842.0	854.8
37.00	843.5	848.0	845.8	847.1	839.5	836.8	831.6	831.6	841.3
38.00	835.0	837.7	835.2	843.1	829.6	832.3	821.3	828.9	826.9
39.00	815.7	826.7	822.0	821.1	823.8	817.7	819.3	810.7	814.8
40.00	803.1	814.5	811.6	808.5	812.1	799.0	801.7	803.3	796.3
41.00	794.3	801.5	801.3	806.4	796.6	799.0	791.4	782.6	785.1

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W5000K 120V60Hz-
1#(liang.jiancheng) / C-Plane measurement

G/C [cd]	135.00	150.00	165.00	180.00	195.00	210.00	225.00	240.00	255.00
42.00	781.7	789.1	788.0	793.9	782.4	772.5	773.0	772.1	775.2
43.00	765.6	776.6	773.4	776.3	772.1	771.4	766.5	760.6	764.4
44.00	756.1	765.1	759.9	761.7	769.8	754.8	744.0	748.3	751.8
45.00	737.2	751.2	746.5	749.4	759.9	742.6	736.8	738.6	737.2
46.00	724.9	734.3	733.6	736.6	742.4	733.2	729.4	721.5	722.4
47.00	707.8	717.2	718.4	715.4	717.5	711.8	712.5	699.3	704.9
48.00	695.7	704.0	707.1	708.0	705.6	702.0	692.8	684.4	694.8
49.00	680.4	689.8	693.6	689.8	688.9	682.2	686.0	668.9	673.0
50.00	664.7	678.8	677.0	670.1	668.0	667.6	664.4	658.8	659.7
51.00	649.6	661.3	661.7	653.0	650.1	649.4	644.7	636.1	640.4
52.00	634.3	640.8	644.2	631.9	636.4	628.9	635.5	617.7	623.3
53.00	615.7	620.8	624.0	615.7	616.1	615.0	611.6	598.6	604.4
54.00	595.5	602.0	604.7	598.8	602.0	591.9	599.7	585.8	586.9
55.00	578.6	583.3	586.2	574.8	586.2	573.4	574.8	573.7	571.2
56.00	562.6	565.3	566.0	555.7	560.2	558.8	562.6	553.4	550.7
57.00	542.7	546.7	544.9	530.5	546.2	536.4	544.2	531.6	528.7
58.00	519.5	527.6	519.3	512.3	519.7	521.1	520.2	510.5	513.0
59.00	498.6	505.6	496.4	483.1	495.7	495.0	495.7	490.3	491.4
60.00	475.5	484.7	473.7	473.4	471.6	472.8	475.2	472.5	469.6
61.00	455.2	462.9	450.1	449.0	453.4	449.6	458.2	447.6	450.5
62.00	437.0	440.9	426.3	428.3	429.4	424.5	433.0	425.8	429.6
63.00	416.8	417.7	404.9	404.9	409.0	400.6	415.2	400.4	407.2
64.00	395.9	393.2	379.1	378.6	383.6	383.6	393.7	385.4	384.7
65.00	370.5	369.6	351.2	357.3	363.6	361.1	371.9	360.4	362.9
66.00	343.3	342.2	302.7	329.0	336.2	334.8	343.1	335.5	335.7
67.00	320.9	313.7	255.5	293.5	311.0	311.9	322.0	317.7	312.6
68.00	300.4	277.1	224.5	241.1	268.1	288.3	301.3	290.1	290.8
69.00	271.9	228.1	176.8	211.4	223.8	263.8	276.8	266.3	267.2
70.00	244.9	200.2	155.7	160.2	187.6	213.7	255.7	242.9	232.6
71.00	213.5	159.5	139.5	140.7	148.1	181.1	225.1	219.8	200.7
72.00	170.1	136.2	119.5	120.2	127.0	134.4	202.0	187.0	180.2
73.00	133.9	119.3	99.8	101.3	110.8	112.8	173.5	161.8	153.7
74.00	107.0	100.7	66.3	73.9	97.7	96.8	133.9	144.0	123.6
75.00	87.0	78.6	38.9	47.9	63.1	83.4	96.4	112.4	109.4
76.00	73.0	50.3	32.8	32.6	33.7	54.2	74.6	94.1	83.1
77.00	58.9	30.3	28.8	27.4	28.5	28.1	60.7	72.1	70.1
78.00	36.9	26.5	24.5	22.7	24.3	23.8	46.3	49.7	49.2
79.00	22.0	22.7	20.4	18.4	19.8	20.0	26.1	31.2	34.8
80.00	18.2	18.7	16.4	15.1	15.5	16.0	18.2	22.7	24.0

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W5000K 120V60Hz-
1#(liang.jiancheng) / C-Plane measurement

G/C [cd]	135.00	150.00	165.00	180.00	195.00	210.00	225.00	240.00	255.00
81.00	15.1	14.6	12.8	12.4	12.8	12.6	14.8	15.5	15.3
82.00	11.7	11.7	10.8	10.1	10.8	10.3	11.5	11.0	11.2
83.00	9.2	9.4	8.8	8.1	8.8	8.3	9.0	8.5	8.5
84.00	7.2	7.4	7.0	6.5	7.0	6.5	7.0	6.5	6.1
85.00	5.6	5.8	5.4	4.9	5.2	4.9	5.4	4.7	4.5
86.00	4.0	4.5	4.0	3.8	4.0	3.8	4.0	3.1	3.1
87.00	2.9	3.4	3.1	2.7	2.9	2.7	2.7	2.2	2.0
88.00	2.0	2.2	2.2	2.0	2.0	2.0	1.8	1.6	1.3
89.00	1.6	1.8	1.6	1.3	1.6	1.3	1.3	1.1	1.1
90.00	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1
91.00	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1
92.00	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1
93.00	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1
94.00	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1
95.00	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1
96.00	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1
97.00	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1
98.00	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1
99.00	1.3	1.3	1.3	1.1	1.1	1.3	1.3	1.3	1.1
100.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3
101.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3
102.00	1.6	1.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3
103.00	1.6	1.6	1.6	1.3	1.3	1.3	1.3	1.3	1.3
104.00	1.6	1.6	1.6	1.3	1.3	1.3	1.3	1.3	1.3
105.00	1.6	1.6	1.6	1.3	1.3	1.3	1.3	1.3	1.3
106.00	1.6	1.6	1.6	1.3	1.3	1.3	1.3	1.3	1.3
107.00	1.6	1.6	1.6	1.3	1.3	1.3	1.3	1.3	1.3
108.00	1.6	1.6	1.6	1.3	1.3	1.3	1.3	1.3	1.3
109.00	1.6	1.6	1.6	1.3	1.3	1.6	1.3	1.3	1.3
110.00	1.6	1.6	1.6	1.3	1.6	1.6	1.3	1.3	1.3
111.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3
112.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
113.00	1.8	1.8	1.6	1.6	1.6	1.6	1.6	1.6	1.6
114.00	1.8	1.8	1.8	1.6	1.6	1.6	1.6	1.6	1.6
115.00	1.8	1.8	1.8	1.6	1.6	1.6	1.6	1.6	1.6
116.00	1.8	1.8	1.8	1.6	1.6	1.6	1.6	1.6	1.6
117.00	1.8	1.8	1.8	1.6	1.6	1.6	1.6	1.6	1.6
118.00	1.8	1.8	1.8	1.6	1.6	1.6	1.6	1.6	1.6
119.00	1.8	1.8	1.8	1.8	1.6	1.8	1.8	1.6	1.6

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W5000K 120V60Hz-
1#(liang.jiancheng) / C-Plane measurement

G/C [cd]	135.00	150.00	165.00	180.00	195.00	210.00	225.00	240.00	255.00
120.00	1.8	1.8	2.0	1.8	1.8	1.8	1.6	1.6	1.6
121.00	1.8	2.0	1.8	1.8	1.8	1.8	1.8	1.8	1.8
122.00	2.0	2.0	2.0	1.8	1.8	1.8	1.8	1.8	1.8
123.00	2.0	2.0	2.0	1.8	1.8	1.8	1.8	1.8	1.8
124.00	2.0	2.0	2.0	1.8	1.8	1.8	1.8	1.8	1.8
125.00	2.0	2.0	2.0	1.8	1.8	1.8	1.8	1.8	1.8
126.00	2.0	2.0	2.0	1.8	1.8	1.8	1.8	1.8	1.8
127.00	2.0	2.0	2.0	2.0	2.0	1.8	1.8	1.8	1.8
128.00	2.0	2.0	2.0	2.0	1.8	2.0	1.8	2.0	1.8
129.00	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.8
130.00	2.0	2.2	2.2	2.0	2.0	2.0	2.0	2.0	2.0
131.00	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0
132.00	2.2	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0
133.00	2.2	2.2	2.2	2.0	2.0	2.0	2.0	2.0	2.0
134.00	2.2	2.2	2.2	2.0	2.0	2.0	2.0	2.0	2.0
135.00	2.2	2.2	2.2	2.0	2.0	2.0	2.0	2.0	2.0
136.00	2.2	2.2	2.2	2.0	2.0	2.0	2.0	2.0	2.0
137.00	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0
138.00	2.2	2.2	2.2	2.2	2.2	2.2	2.0	2.2	2.2
139.00	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
140.00	2.5	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
141.00	2.5	2.5	2.2	2.2	2.2	2.2	2.2	2.2	2.2
142.00	2.5	2.5	2.5	2.2	2.2	2.2	2.2	2.2	2.2
143.00	2.5	2.5	2.5	2.2	2.2	2.2	2.2	2.2	2.2
144.00	2.5	2.5	2.5	2.2	2.2	2.2	2.2	2.2	2.2
145.00	2.5	2.5	2.5	2.2	2.2	2.5	2.2	2.2	2.5
146.00	2.5	2.5	2.5	2.5	2.5	2.5	2.2	2.5	2.5
147.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
148.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
149.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
150.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
151.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
152.00	2.7	2.7	2.7	2.5	2.5	2.5	2.5	2.5	2.5
153.00	2.7	2.7	2.7	2.7	2.5	2.5	2.5	2.5	2.5
154.00	2.7	2.7	2.7	2.7	2.5	2.7	2.5	2.5	2.5
155.00	2.7	2.7	2.7	2.7	2.5	2.7	2.5	2.7	2.7
156.00	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
157.00	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
158.00	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W5000K 120V60Hz-
1#(liang.jiancheng) / C-Plane measurement

G/C [cd]	135.00	150.00	165.00	180.00	195.00	210.00	225.00	240.00	255.00
159.00	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
160.00	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
161.00	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
162.00	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
163.00	2.7	2.7	2.9	2.7	2.7	2.7	2.7	2.7	2.7
164.00	2.7	2.7	2.9	2.9	2.9	2.9	2.7	2.9	2.7
165.00	2.7	2.9	2.9	2.9	2.7	2.9	2.9	2.7	2.9
166.00	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.7
167.00	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.7	2.7
168.00	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
169.00	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
170.00	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
171.00	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
172.00	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
173.00	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
174.00	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
175.00	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
176.00	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
177.00	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
178.00	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
179.00	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
180.00	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
0.00	1056.3	1055.4	1054.3	1061.7	1062.6	1063.7
1.00	1058.8	1058.1	1060.8	1058.6	1065.3	1059.7
2.00	1051.1	1058.6	1061.0	1064.6	1057.4	1058.3
3.00	1053.6	1060.4	1059.9	1066.7	1059.9	1058.8
4.00	1053.2	1056.3	1051.6	1061.7	1059.7	1060.1
5.00	1046.9	1055.6	1053.8	1059.7	1057.2	1055.4
6.00	1049.1	1052.7	1055.4	1054.5	1057.7	1051.4
7.00	1048.0	1047.6	1053.8	1057.4	1049.3	1053.2
8.00	1044.4	1045.8	1050.2	1051.8	1054.3	1049.3
9.00	1040.8	1044.2	1047.6	1046.9	1046.7	1044.0
10.00	1032.3	1042.4	1041.3	1041.7	1043.5	1040.8
11.00	1036.8	1040.6	1038.6	1042.6	1038.8	1035.6
12.00	1031.1	1028.2	1034.7	1034.1	1037.9	1037.9
13.00	1022.8	1036.1	1033.2	1033.2	1031.4	1030.5
14.00	1023.5	1022.4	1031.6	1028.0	1026.0	1030.3

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W5000K 120V60Hz-
1#(liang.jiancheng) / C-Plane measurement

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
15.00	1019.0	1020.8	1018.1	1020.6	1025.5	1026.2
16.00	1018.1	1019.5	1012.9	1021.5	1016.8	1018.8
17.00	1011.4	1015.6	1014.1	1012.7	1016.8	1012.5
18.00	1004.2	1003.3	1006.2	1005.1	1008.0	1009.4
19.00	1000.4	1002.2	1004.6	997.2	998.3	1004.9
20.00	993.2	994.7	991.4	994.5	993.2	993.6
21.00	981.7	984.6	988.2	990.3	985.5	991.8
22.00	983.5	978.8	985.5	981.3	982.4	982.4
23.00	967.3	978.1	972.7	976.1	969.6	977.2
24.00	962.4	965.3	961.9	958.8	965.1	964.6
25.00	962.4	963.3	959.5	955.2	958.6	961.9
26.00	949.6	955.6	950.3	951.8	952.7	951.4
27.00	941.0	946.4	942.4	939.9	940.8	942.8
28.00	932.3	932.5	936.8	937.4	931.2	932.1
29.00	925.1	927.1	925.5	932.1	921.0	925.8
30.00	915.4	918.6	911.4	915.9	915.9	919.2
31.00	903.1	902.6	902.2	906.7	905.1	905.1
32.00	893.0	896.6	889.4	898.4	893.6	900.1
33.00	888.7	886.7	884.4	889.8	886.7	887.1
34.00	874.1	879.0	871.2	872.5	880.6	879.7
35.00	859.3	866.4	861.9	866.7	866.9	867.1
36.00	850.7	851.8	848.5	854.1	856.3	857.0
37.00	838.4	838.8	839.3	843.1	843.3	843.5
38.00	826.4	830.5	822.0	832.7	831.2	831.8
39.00	811.2	817.2	813.0	816.6	816.3	822.2
40.00	801.3	808.5	806.9	810.7	803.8	810.0
41.00	789.8	789.4	789.4	793.9	792.1	796.6
42.00	774.3	777.9	776.1	782.9	781.1	784.0
43.00	759.0	766.5	767.1	769.1	765.3	772.5
44.00	748.7	750.9	747.8	754.5	752.7	758.6
45.00	731.6	731.6	734.3	740.2	738.4	740.6
46.00	716.6	721.1	718.6	726.0	721.3	725.6
47.00	700.6	704.0	701.7	708.0	704.9	711.0
48.00	683.8	684.7	683.5	694.3	688.7	696.3
49.00	669.2	671.9	672.5	677.7	672.5	678.1
50.00	654.1	653.4	654.6	660.2	659.0	661.1
51.00	633.9	636.1	640.2	643.5	641.1	641.7
52.00	618.6	619.3	621.3	625.3	624.2	620.6
53.00	596.8	605.8	603.3	606.2	602.9	602.0

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W5000K 120V60Hz-
1#(liang.jiancheng) / C-Plane measurement

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
54.00	579.7	585.3	584.9	588.5	584.9	580.6
55.00	564.9	564.0	568.3	567.8	567.1	559.5
56.00	545.8	543.1	546.2	551.2	546.5	538.8
57.00	524.0	528.9	526.0	534.1	524.2	524.0
58.00	502.9	513.9	504.9	513.7	502.2	499.3
59.00	480.6	493.7	484.7	494.1	478.6	475.9
60.00	460.4	471.6	465.6	471.9	457.7	457.0
61.00	441.1	451.0	445.1	450.1	434.1	434.6
62.00	424.0	428.5	422.0	424.5	409.4	370.5
63.00	402.0	399.5	401.3	395.5	391.7	321.8
64.00	380.2	372.6	377.9	374.8	354.6	297.3
65.00	355.0	346.9	347.6	360.9	290.8	248.7
66.00	330.5	318.0	318.2	337.5	260.4	202.2
67.00	311.0	290.1	297.1	311.2	232.3	187.8
68.00	288.5	262.9	269.9	287.8	179.1	171.0
69.00	263.3	242.5	243.4	245.1	159.1	157.3
70.00	222.5	221.8	215.3	196.2	140.4	139.8
71.00	197.5	202.5	195.3	168.1	129.7	122.9
72.00	182.9	183.6	180.4	125.8	114.8	80.4
73.00	148.8	150.1	158.0	106.3	91.9	45.2
74.00	128.1	128.5	124.9	89.9	62.2	32.8
75.00	111.0	109.0	94.4	79.1	30.8	29.0
76.00	84.0	82.5	72.1	64.9	26.3	25.6
77.00	68.5	65.4	48.1	38.0	22.9	22.2
78.00	51.9	50.8	35.5	22.2	19.8	19.1
79.00	34.8	33.9	25.8	18.4	16.6	15.7
80.00	23.1	20.7	18.2	15.5	13.3	12.6
81.00	14.2	13.7	12.4	12.6	10.6	10.3
82.00	11.0	10.8	9.7	9.9	8.5	8.8
83.00	7.9	8.1	7.4	7.6	7.0	7.0
84.00	5.6	5.6	5.4	5.8	5.4	5.4
85.00	4.0	4.3	4.0	4.5	4.0	4.3
86.00	2.7	2.9	2.9	3.4	3.1	3.1
87.00	2.0	2.0	2.0	2.5	2.2	2.2
88.00	1.6	1.3	1.3	1.8	1.6	1.6
89.00	1.3	1.1	1.1	1.3	1.1	1.3
90.00	1.3	1.1	1.1	1.1	1.1	1.1
91.00	1.3	1.1	1.1	1.1	1.1	1.1
92.00	1.3	1.1	1.1	1.1	1.1	1.1

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W5000K 120V60Hz-
1#(liang.jiancheng) / C-Plane measurement

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
93.00	1.3	1.1	1.1	1.1	1.1	1.1
94.00	1.3	1.1	1.1	1.1	1.1	1.1
95.00	1.3	1.1	1.1	1.1	1.1	1.1
96.00	1.3	1.1	1.1	1.1	1.1	1.1
97.00	1.3	1.1	1.1	1.1	1.1	1.1
98.00	1.3	1.1	1.1	1.1	1.1	1.1
99.00	1.3	1.1	1.1	1.1	1.1	1.1
100.00	1.3	1.3	1.1	1.1	1.1	1.1
101.00	1.3	1.3	1.3	1.3	1.1	1.1
102.00	1.3	1.3	1.3	1.3	1.3	1.3
103.00	1.3	1.3	1.3	1.3	1.3	1.3
104.00	1.6	1.3	1.3	1.3	1.3	1.3
105.00	1.6	1.3	1.3	1.3	1.3	1.3
106.00	1.6	1.3	1.3	1.3	1.3	1.3
107.00	1.6	1.3	1.3	1.3	1.3	1.3
108.00	1.6	1.3	1.3	1.3	1.3	1.3
109.00	1.6	1.3	1.3	1.3	1.3	1.3
110.00	1.6	1.3	1.3	1.3	1.3	1.3
111.00	1.6	1.3	1.3	1.3	1.6	1.6
112.00	1.6	1.6	1.6	1.6	1.3	1.6
113.00	1.6	1.6	1.6	1.6	1.6	1.6
114.00	1.8	1.6	1.6	1.6	1.6	1.6
115.00	1.8	1.6	1.6	1.6	1.6	1.6
116.00	1.8	1.6	1.6	1.6	1.6	1.6
117.00	1.8	1.6	1.6	1.6	1.6	1.6
118.00	1.8	1.6	1.6	1.6	1.6	1.6
119.00	1.8	1.6	1.6	1.6	1.6	1.6
120.00	1.8	1.6	1.8	1.6	1.6	1.6
121.00	1.8	1.6	1.6	1.8	1.6	1.6
122.00	1.8	1.6	1.8	1.8	1.6	1.8
123.00	2.0	1.8	1.8	1.8	1.8	1.8
124.00	2.0	1.8	1.8	1.8	1.8	1.8
125.00	2.0	1.8	1.8	1.8	1.8	1.8
126.00	2.0	1.8	1.8	1.8	1.8	1.8
127.00	2.0	1.8	1.8	1.8	1.8	1.8
128.00	2.0	1.8	2.0	2.0	1.8	1.8
129.00	2.0	2.0	2.0	2.0	2.0	1.8
130.00	2.0	2.0	2.0	2.0	2.0	2.0
131.00	2.0	2.0	2.0	2.0	2.0	2.0

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W5000K 120V60Hz-
1#(liang.jiancheng) / C-Plane measurement

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
132.00	2.0	2.0	2.0	2.0	2.0	2.0
133.00	2.2	2.0	2.0	2.0	2.0	2.0
134.00	2.2	2.0	2.0	2.0	2.0	2.0
135.00	2.2	2.0	2.0	2.0	2.0	2.0
136.00	2.2	2.0	2.0	2.0	2.0	2.0
137.00	2.2	2.2	2.2	2.0	2.2	2.2
138.00	2.2	2.2	2.2	2.2	2.2	2.2
139.00	2.2	2.2	2.2	2.2	2.2	2.2
140.00	2.2	2.2	2.2	2.2	2.2	2.2
141.00	2.5	2.2	2.2	2.2	2.2	2.2
142.00	2.5	2.2	2.2	2.2	2.2	2.2
143.00	2.5	2.2	2.2	2.2	2.2	2.2
144.00	2.5	2.2	2.2	2.2	2.2	2.2
145.00	2.5	2.5	2.5	2.5	2.2	2.2
146.00	2.5	2.2	2.2	2.2	2.5	2.5
147.00	2.5	2.5	2.5	2.5	2.5	2.5
148.00	2.5	2.5	2.5	2.5	2.5	2.5
149.00	2.5	2.5	2.5	2.5	2.5	2.5
150.00	2.5	2.5	2.5	2.5	2.5	2.5
151.00	2.5	2.5	2.5	2.5	2.5	2.5
152.00	2.5	2.5	2.5	2.5	2.5	2.5
153.00	2.5	2.5	2.5	2.5	2.5	2.5
154.00	2.7	2.5	2.5	2.5	2.7	2.7
155.00	2.7	2.7	2.7	2.7	2.7	2.7
156.00	2.7	2.7	2.7	2.7	2.7	2.7
157.00	2.7	2.7	2.7	2.7	2.7	2.7
158.00	2.7	2.7	2.7	2.7	2.7	2.7
159.00	2.7	2.7	2.7	2.7	2.7	2.7
160.00	2.7	2.7	2.7	2.7	2.7	2.7
161.00	2.7	2.7	2.7	2.7	2.7	2.7
162.00	2.7	2.7	2.7	2.7	2.7	2.7
163.00	2.7	2.7	2.7	2.7	2.7	2.9
164.00	2.7	2.7	2.7	2.7	2.7	2.7
165.00	2.7	2.7	2.9	2.9	2.7	2.7
166.00	2.9	2.9	2.9	2.7	2.9	2.9
167.00	2.9	2.7	2.7	2.7	2.9	2.9
168.00	2.9	2.7	2.9	2.9	2.9	2.9
169.00	2.9	2.9	2.7	2.9	2.9	2.9
170.00	2.9	2.9	2.9	2.9	2.9	2.9

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K
120V60Hz-1#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W5000K 120V60Hz-
1#(liang.jiancheng) / C-Plane measurement

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
171.00	2.9	2.9	2.9	2.9	2.9	2.9
172.00	2.9	2.9	2.9	2.9	2.9	2.9
173.00	2.9	2.9	2.9	2.9	2.9	2.9
174.00	2.9	2.9	2.9	2.9	2.9	2.9
175.00	2.9	2.9	2.9	2.9	2.9	2.9
176.00	2.9	2.9	2.9	2.9	2.9	2.9
177.00	2.9	2.9	2.9	2.9	2.9	2.9
178.00	2.9	2.9	2.9	2.9	2.9	2.9
179.00	2.9	2.9	2.9	2.9	2.9	2.9
180.00	2.9	2.9	2.9	2.9	2.9	2.9

LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	Decostar C15 G1 180			
Name:	24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng)			
Meas.-no.:	2			
Flux:	2890.17 lm		Operator:	Terry Huang
Comment:	UI=120.12V II=0.262A WI=28.3W PF=0.902			
Maximum intensity:	1069.797 cd			

Zonal flux 24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng) / C-Plane measurement

Gamma [°]	Imin [cd/klm]	Imax [cd/klm]	Imean [cd/klm]	Zonal flux [lm]	Sum. zonal flux [lm]	Rel. zonal flux [%]	Sum. rel. zonal flux [%]
0.0	361.4	368.2	365.7	0.00	0.00	0.00	0.00
1.0	361.7	370.2	365.9	1.01	1.01	0.04	0.04
2.0	361.1	369.7	365.2	3.03	4.04	0.10	0.14
3.0	360.4	369.1	364.7	5.05	9.09	0.17	0.31
4.0	360.7	368.3	364.9	7.06	16.15	0.24	0.56
5.0	359.8	368.0	364.3	9.07	25.21	0.31	0.87
6.0	358.6	366.0	363.4	11.05	36.27	0.38	1.25
7.0	360.4	368.1	363.4	13.04	49.31	0.45	1.71
8.0	358.3	365.2	362.4	15.01	64.32	0.52	2.23
9.0	358.5	365.3	361.5	16.96	81.27	0.59	2.81
10.0	356.0	363.9	360.1	18.87	100.15	0.65	3.47
11.0	355.0	364.2	358.8	20.76	120.91	0.72	4.18
12.0	353.6	360.3	357.3	22.63	143.53	0.78	4.97
13.0	352.1	359.7	356.3	24.48	168.01	0.85	5.81
14.0	352.5	358.1	354.9	26.31	194.32	0.91	6.72
15.0	348.8	355.7	353.3	28.10	222.42	0.97	7.70
16.0	345.8	353.4	351.4	29.84	252.26	1.03	8.73
17.0	345.1	352.8	349.7	31.55	283.82	1.09	9.82
18.0	344.2	350.2	347.5	33.22	317.04	1.15	10.97
19.0	341.2	347.8	345.6	34.85	351.89	1.21	12.18
20.0	340.1	347.9	344.4	36.50	388.39	1.26	13.44
21.0	336.3	344.3	341.6	38.07	426.46	1.32	14.76
22.0	337.7	341.8	339.4	39.56	466.02	1.37	16.12
23.0	332.1	340.7	336.6	41.00	507.02	1.42	17.54
24.0	331.7	336.9	333.8	42.37	549.38	1.47	19.01
25.0	327.9	334.9	331.7	43.74	593.12	1.51	20.52

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng)

Zonal flux 24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng) /
C-Plane measurement

Gamma [°]	Imin [cd/klm]	Imax [cd/klm]	Imean [cd/klm]	Zonal flux [lm]	Sum. zonal flux [lm]	Rel. zonal flux [%]	Sum. rel. zonal flux [%]
26.0	324.7	332.9	328.7	45.06	638.18	1.56	22.08
27.0	322.7	329.5	326.1	46.30	684.48	1.60	23.68
28.0	318.8	326.2	322.7	47.47	731.96	1.64	25.33
29.0	315.9	322.5	320.0	48.59	780.55	1.68	27.01
30.0	312.7	320.1	316.9	49.70	830.25	1.72	28.73
31.0	311.4	316.4	313.4	50.69	880.94	1.75	30.48
32.0	306.7	312.8	309.9	51.61	932.55	1.79	32.27
33.0	302.0	310.7	306.9	52.52	985.07	1.82	34.08
34.0	298.6	310.3	303.1	53.36	1038.42	1.85	35.93
35.0	297.3	302.0	299.9	54.13	1092.55	1.87	37.80
36.0	291.3	300.3	295.5	54.79	1147.34	1.90	39.70
37.0	287.7	293.4	290.8	55.27	1202.61	1.91	41.61
38.0	284.2	291.7	287.3	55.77	1258.38	1.93	43.54
39.0	280.1	286.0	282.8	56.24	1314.62	1.95	45.49
40.0	275.5	281.8	278.8	56.61	1371.23	1.96	47.44
41.0	270.4	279.0	274.5	56.95	1428.17	1.97	49.41
42.0	265.6	274.7	269.7	57.14	1485.31	1.98	51.39
43.0	261.7	268.7	265.3	57.28	1542.60	1.98	53.37
44.0	257.4	266.4	260.5	57.36	1599.96	1.98	55.36
45.0	252.5	262.9	255.6	57.33	1657.29	1.98	57.34
46.0	245.8	256.9	250.7	57.22	1714.51	1.98	59.32
47.0	240.8	248.6	244.6	56.93	1771.44	1.97	61.29
48.0	236.5	245.0	239.7	56.58	1828.02	1.96	63.25
49.0	230.5	240.0	234.2	56.24	1884.26	1.95	65.20
50.0	224.4	234.9	228.5	55.76	1940.03	1.93	67.13
51.0	218.7	229.0	222.4	55.14	1995.17	1.91	69.03
52.0	213.7	222.9	216.5	54.44	2049.61	1.88	70.92
53.0	206.5	215.9	210.0	53.63	2103.24	1.86	72.77
54.0	199.6	209.2	203.6	52.69	2155.92	1.82	74.60
55.0	191.9	202.8	197.2	51.71	2207.63	1.79	76.38
56.0	185.7	195.8	190.6	50.65	2258.28	1.75	78.14
57.0	177.7	189.2	183.9	49.49	2307.78	1.71	79.85
58.0	171.4	182.5	176.6	48.18	2355.96	1.67	81.52
59.0	162.6	174.9	169.0	46.69	2402.65	1.62	83.13
60.0	153.4	167.7	161.8	45.16	2447.82	1.56	84.69

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng)

Zonal flux 24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng) /
C-Plane measurement

Gamma [°]	Imin [cd/klm]	Imax [cd/klm]	Imean [cd/klm]	Zonal flux [lm]	Sum. zonal flux [lm]	Rel. zonal flux [%]	Sum. rel. zonal flux [%]
61.0	132.6	160.2	153.4	43.47	2491.29	1.50	86.20
62.0	114.3	152.5	144.0	41.41	2532.70	1.43	87.63
63.0	107.1	144.5	135.8	39.33	2572.03	1.36	88.99
64.0	88.2	137.0	126.7	37.23	2609.26	1.29	90.28
65.0	72.1	128.7	116.1	34.73	2643.99	1.20	91.48
66.0	66.4	120.0	106.4	32.09	2676.08	1.11	92.59
67.0	60.7	111.4	97.6	29.64	2705.72	1.03	93.62
68.0	55.5	104.3	87.5	27.11	2732.83	0.94	94.56
69.0	50.8	95.8	78.0	24.41	2757.24	0.84	95.40
70.0	46.3	88.5	68.6	21.77	2779.01	0.75	96.15
71.0	31.9	77.9	59.5	19.14	2798.15	0.66	96.82
72.0	22.2	69.9	50.6	16.55	2814.70	0.57	97.39
73.0	11.8	60.0	41.6	13.94	2828.63	0.48	97.87
74.0	10.3	53.1	34.2	11.52	2840.15	0.40	98.27
75.0	9.1	41.2	26.6	9.28	2849.43	0.32	98.59
76.0	8.0	35.3	20.5	7.21	2856.65	0.25	98.84
77.0	6.9	25.6	15.4	5.52	2862.17	0.19	99.03
78.0	5.9	18.8	11.7	4.19	2866.36	0.14	99.18
79.0	5.1	12.5	8.5	3.14	2869.50	0.11	99.28
80.0	4.2	8.8	6.2	2.30	2871.80	0.08	99.36
81.0	3.5	6.5	4.6	1.69	2873.49	0.06	99.42
82.0	2.9	4.6	3.6	1.28	2874.77	0.04	99.47
83.0	2.3	3.6	2.8	1.01	2875.77	0.03	99.50
84.0	1.6	2.6	2.1	0.78	2876.55	0.03	99.53
85.0	1.0	2.0	1.6	0.59	2877.15	0.02	99.55
86.0	0.6	1.6	1.2	0.44	2877.59	0.02	99.56
87.0	0.5	1.2	0.9	0.32	2877.91	0.01	99.58
88.0	0.4	0.8	0.6	0.23	2878.14	0.01	99.58
89.0	0.4	0.6	0.5	0.17	2878.32	0.01	99.59
90.0	0.4	0.5	0.4	0.14	2878.46	0.00	99.59
91.0	0.4	0.5	0.4	0.14	2878.60	0.00	99.60
92.0	0.4	0.5	0.4	0.14	2878.73	0.00	99.60
93.0	0.4	0.5	0.4	0.14	2878.87	0.00	99.61
94.0	0.4	0.5	0.4	0.14	2879.00	0.00	99.61
95.0	0.4	0.5	0.4	0.14	2879.14	0.00	99.62

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng)

Zonal flux 24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng) /
C-Plane measurement

Gamma [°]	Imin [cd/klm]	Imax [cd/klm]	Imean [cd/klm]	Zonal flux [lm]	Sum. zonal flux [lm]	Rel. zonal flux [%]	Sum. rel. zonal flux [%]
96.0	0.4	0.5	0.4	0.13	2879.27	0.00	99.62
97.0	0.4	0.5	0.4	0.13	2879.41	0.00	99.63
98.0	0.4	0.5	0.4	0.13	2879.54	0.00	99.63
99.0	0.4	0.5	0.4	0.14	2879.68	0.00	99.64
100.0	0.4	0.5	0.5	0.14	2879.82	0.00	99.64
101.0	0.4	0.5	0.5	0.14	2879.96	0.00	99.65
102.0	0.5	0.5	0.5	0.15	2880.11	0.01	99.65
103.0	0.5	0.5	0.5	0.15	2880.26	0.01	99.66
104.0	0.5	0.5	0.5	0.15	2880.42	0.01	99.66
105.0	0.5	0.5	0.5	0.16	2880.57	0.01	99.67
106.0	0.5	0.5	0.5	0.15	2880.73	0.01	99.67
107.0	0.5	0.5	0.5	0.15	2880.88	0.01	99.68
108.0	0.5	0.5	0.5	0.15	2881.03	0.01	99.68
109.0	0.5	0.5	0.5	0.15	2881.19	0.01	99.69
110.0	0.5	0.5	0.5	0.15	2881.34	0.01	99.69
111.0	0.5	0.6	0.5	0.15	2881.49	0.01	99.70
112.0	0.5	0.6	0.6	0.16	2881.65	0.01	99.71
113.0	0.5	0.6	0.6	0.16	2881.81	0.01	99.71
114.0	0.5	0.6	0.6	0.17	2881.98	0.01	99.72
115.0	0.5	0.6	0.6	0.17	2882.15	0.01	99.72
116.0	0.5	0.6	0.6	0.17	2882.32	0.01	99.73
117.0	0.5	0.6	0.6	0.17	2882.48	0.01	99.73
118.0	0.5	0.6	0.6	0.16	2882.65	0.01	99.74
119.0	0.5	0.7	0.6	0.16	2882.81	0.01	99.75
120.0	0.5	0.7	0.6	0.17	2882.98	0.01	99.75
121.0	0.5	0.7	0.6	0.17	2883.14	0.01	99.76
122.0	0.5	0.7	0.7	0.17	2883.32	0.01	99.76
123.0	0.6	0.7	0.7	0.18	2883.49	0.01	99.77
124.0	0.6	0.7	0.7	0.17	2883.67	0.01	99.77
125.0	0.6	0.7	0.7	0.17	2883.84	0.01	99.78
126.0	0.6	0.7	0.7	0.17	2884.01	0.01	99.79
127.0	0.6	0.7	0.7	0.17	2884.18	0.01	99.79
128.0	0.6	0.8	0.7	0.17	2884.35	0.01	99.80
129.0	0.6	0.8	0.7	0.17	2884.52	0.01	99.80
130.0	0.7	0.8	0.7	0.17	2884.69	0.01	99.81

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng)

Zonal flux 24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng) /
C-Plane measurement

Gamma [°]	Imin [cd/klm]	Imax [cd/klm]	Imean [cd/klm]	Zonal flux [lm]	Sum. zonal flux [lm]	Rel. zonal flux [%]	Sum. rel. zonal flux [%]
131.0	0.7	0.8	0.7	0.17	2884.86	0.01	99.82
132.0	0.7	0.8	0.7	0.17	2885.04	0.01	99.82
133.0	0.7	0.8	0.7	0.17	2885.21	0.01	99.83
134.0	0.7	0.8	0.7	0.17	2885.38	0.01	99.83
135.0	0.7	0.8	0.7	0.17	2885.55	0.01	99.84
136.0	0.7	0.8	0.7	0.16	2885.71	0.01	99.85
137.0	0.7	0.8	0.8	0.16	2885.87	0.01	99.85
138.0	0.7	0.8	0.8	0.16	2886.04	0.01	99.86
139.0	0.8	0.9	0.8	0.16	2886.20	0.01	99.86
140.0	0.8	0.9	0.8	0.16	2886.36	0.01	99.87
141.0	0.8	0.9	0.8	0.16	2886.52	0.01	99.87
142.0	0.8	0.9	0.8	0.16	2886.69	0.01	99.88
143.0	0.8	0.9	0.8	0.16	2886.84	0.01	99.88
144.0	0.8	0.9	0.8	0.15	2887.00	0.01	99.89
145.0	0.8	0.9	0.8	0.15	2887.15	0.01	99.90
146.0	0.8	0.9	0.8	0.15	2887.30	0.01	99.90
147.0	0.9	0.9	0.9	0.15	2887.45	0.01	99.91
148.0	0.9	0.9	0.9	0.15	2887.59	0.01	99.91
149.0	0.9	0.9	0.9	0.14	2887.74	0.00	99.92
150.0	0.9	0.9	0.9	0.14	2887.87	0.00	99.92
151.0	0.9	0.9	0.9	0.14	2888.01	0.00	99.93
152.0	0.9	0.9	0.9	0.13	2888.15	0.00	99.93
153.0	0.9	0.9	0.9	0.13	2888.28	0.00	99.93
154.0	0.9	0.9	0.9	0.13	2888.40	0.00	99.94
155.0	0.9	0.9	0.9	0.13	2888.53	0.00	99.94
156.0	0.9	0.9	0.9	0.12	2888.65	0.00	99.95
157.0	0.9	0.9	0.9	0.12	2888.77	0.00	99.95
158.0	0.9	0.9	0.9	0.11	2888.88	0.00	99.96
159.0	0.9	1.0	0.9	0.11	2888.99	0.00	99.96
160.0	0.9	1.0	0.9	0.10	2889.09	0.00	99.96
161.0	0.9	1.0	0.9	0.10	2889.19	0.00	99.97
162.0	0.9	1.0	0.9	0.09	2889.29	0.00	99.97
163.0	0.9	1.0	1.0	0.09	2889.38	0.00	99.97
164.0	0.9	1.0	1.0	0.09	2889.47	0.00	99.98
165.0	0.9	1.0	1.0	0.08	2889.55	0.00	99.98

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng)

Zonal flux 24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng) /
C-Plane measurement

Gamma [°]	Imin [cd/klm]	Imax [cd/klm]	Imean [cd/klm]	Zonal flux [lm]	Sum. zonal flux [lm]	Rel. zonal flux [%]	Sum. rel. zonal flux [%]
166.0	0.9	1.0	1.0	0.08	2889.63	0.00	99.98
167.0	0.9	1.0	1.0	0.07	2889.70	0.00	99.98
168.0	0.9	1.0	1.0	0.07	2889.77	0.00	99.99
169.0	0.9	1.0	1.0	0.06	2889.83	0.00	99.99
170.0	1.0	1.0	1.0	0.06	2889.89	0.00	99.99
171.0	1.0	1.0	1.0	0.05	2889.94	0.00	99.99
172.0	1.0	1.0	1.0	0.05	2889.99	0.00	99.99
173.0	1.0	1.0	1.0	0.04	2890.03	0.00	100.00
174.0	1.0	1.0	1.0	0.04	2890.07	0.00	100.00
175.0	1.0	1.0	1.0	0.03	2890.10	0.00	100.00
176.0	1.0	1.0	1.0	0.03	2890.13	0.00	100.00
177.0	1.0	1.0	1.0	0.02	2890.15	0.00	100.00
178.0	1.0	1.0	1.0	0.01	2890.16	0.00	100.00
179.0	1.0	1.0	1.0	0.01	2890.17	0.00	100.00
180.0	1.0	1.0	1.0	0.00	2890.17	0.00	100.00

LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	Decostar C15 G1 180			
Name:	24090462_2500476_fanguangdeng30W5000K 120V60Hz-1#(liang.jiancheng)			
Meas.-no.:	2			
Flux:	2890.17 lm		Operator:	Terry Huang
Comment:	UI=120.12V II=0.262A WI=28.3W PF=0.902			
Maximum intensity:	1069.797 cd			

Protocol

LiTG-class:	A42									
UTE-class:	1.00 D									
IES-class:	50 - 85 - 99 - 100 - 100									
TM5-class:	BZ3/0.75/BZ4/1.00/BZ3									
Divergences in the plane through maximum intensity:					Horizontal		Vertical			
One half peak divergence:					113.8°		113.3°			
Half peak side angle (left):					-56.8°		-56.9°			
Half peak side angle (right):					57.0°		56.3°			
One tenth peak divergence:					149.7°		143.4°			
Tenth peak side angle (left):					-75.2°		-72.7°			
Tenth peak side angle (right):					74.5°		70.7°			
C-planes:	0.0°	15.0°	30.0°	45.0°	60.0°	75.0°	90.0°	105.0°	120.0°	135.0°
	150.0°	165.0°	180.0°	195.0°	210.0°	225.0°	240.0°	255.0°	270.0°	285.0°
	300.0°	315.0°	330.0°	345.0°						
Gamma:	0.0°	1.0°	2.0°	3.0°	4.0°	5.0°	6.0°	7.0°	8.0°	9.0°
	10.0°	11.0°	12.0°	13.0°	14.0°	15.0°	16.0°	17.0°	18.0°	19.0°
	20.0°	21.0°	22.0°	23.0°	24.0°	25.0°	26.0°	27.0°	28.0°	29.0°
	30.0°	31.0°	32.0°	33.0°	34.0°	35.0°	36.0°	37.0°	38.0°	39.0°
	40.0°	41.0°	42.0°	43.0°	44.0°	45.0°	46.0°	47.0°	48.0°	49.0°
	50.0°	51.0°	52.0°	53.0°	54.0°	55.0°	56.0°	57.0°	58.0°	59.0°
	60.0°	61.0°	62.0°	63.0°	64.0°	65.0°	66.0°	67.0°	68.0°	69.0°
	70.0°	71.0°	72.0°	73.0°	74.0°	75.0°	76.0°	77.0°	78.0°	79.0°
	80.0°	81.0°	82.0°	83.0°	84.0°	85.0°	86.0°	87.0°	88.0°	89.0°
	90.0°	91.0°	92.0°	93.0°	94.0°	95.0°	96.0°	97.0°	98.0°	99.0°
	100.0°	101.0°	102.0°	103.0°	104.0°	105.0°	106.0°	107.0°	108.0°	109.0°
	110.0°	111.0°	112.0°	113.0°	114.0°	115.0°	116.0°	117.0°	118.0°	119.0°
	120.0°	121.0°	122.0°	123.0°	124.0°	125.0°	126.0°	127.0°	128.0°	129.0°
	130.0°	131.0°	132.0°	133.0°	134.0°	135.0°	136.0°	137.0°	138.0°	139.0°
	140.0°	141.0°	142.0°	143.0°	144.0°	145.0°	146.0°	147.0°	148.0°	149.0°
	150.0°	151.0°	152.0°	153.0°	154.0°	155.0°	156.0°	157.0°	158.0°	159.0°
	160.0°	161.0°	162.0°	163.0°	164.0°	165.0°	166.0°	167.0°	168.0°	169.0°
	170.0°	171.0°	172.0°	173.0°	174.0°	175.0°	176.0°	177.0°	178.0°	179.0°
	180.0°									