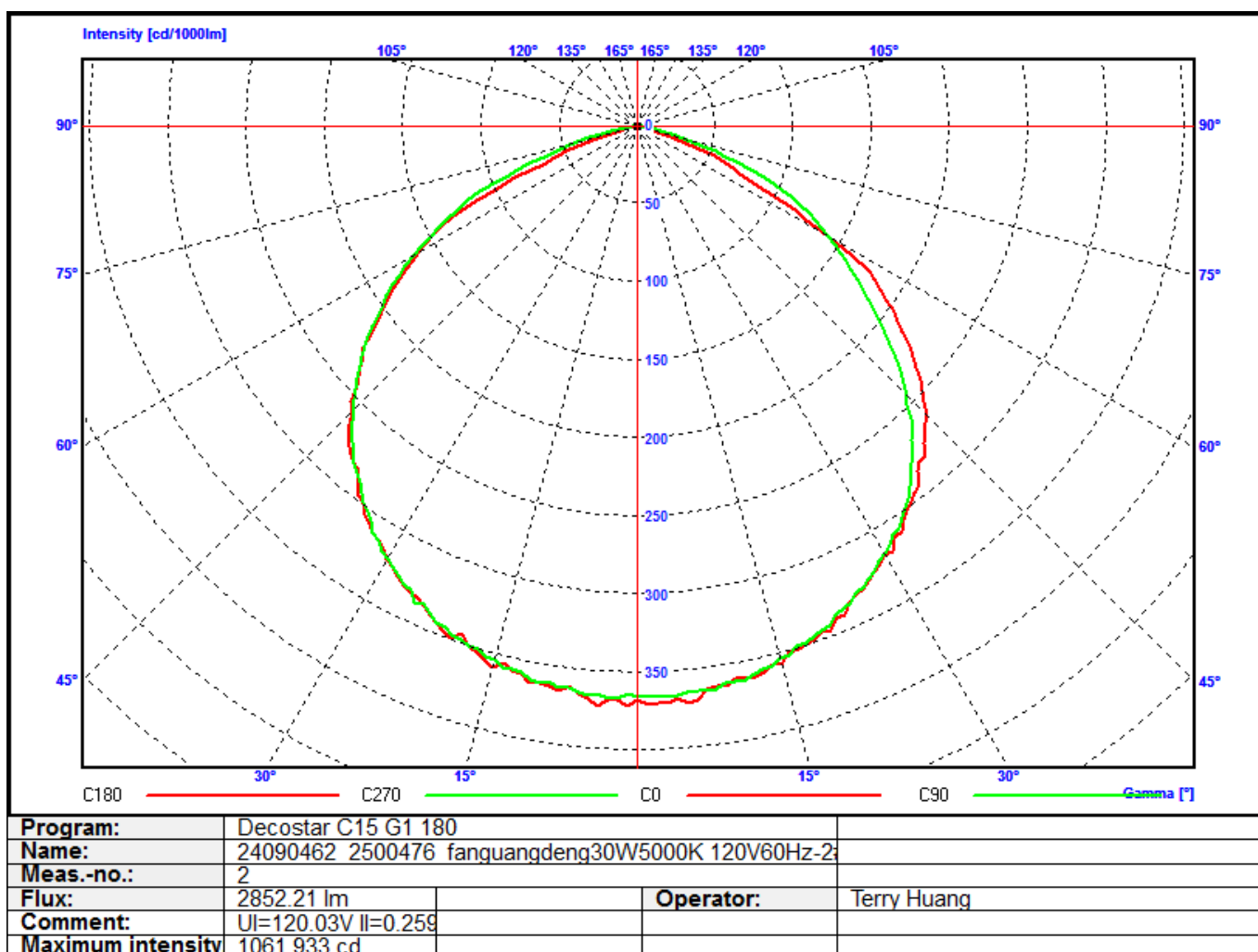


LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	Decostar C15 G1 180			
Name:	24090462_2500476_fanguangdeng30W5000K 120V60Hz-2#(liang.jiancheng)			
Meas.-no.:	2			
Flux:	2852.21 lm		Operator:	Terry Huang
Comment:	UI=120.03V II=0.259A WI=28.1W PF=0.902			
Maximum intensity:	1061.933 cd			

Polar diagram 24090462_2500476_fanguangdeng30W5000K 120V60Hz-2#(liang.jiancheng) / C-Plane measurement



LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	Decostar C15 G1 180			
Name:	24090462_2500476_fanguangdeng30W5000K 120V60Hz-2#(liang.jiancheng)			
Meas.-no.:	2			
Flux:	2852.21 lm		Operator:	Terry Huang
Comment:	UI=120.03V II=0.259A WI=28.1W PF=0.902			
Maximum intensity:	1061.933 cd			

Intensity [cd] 24090462_2500476_fanguangdeng30W5000K 120V60Hz-2#(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	1046.0	1037.2	1048.7	1046.4	1058.1	1052.0	1041.9	1056.5	1049.1
1.00	1056.1	1045.3	1048.7	1051.1	1057.7	1058.8	1041.7	1049.8	1052.9
2.00	1053.4	1049.1	1060.1	1053.2	1061.9	1056.1	1043.1	1055.0	1053.8
3.00	1055.4	1057.2	1047.8	1050.0	1052.3	1057.0	1043.1	1052.3	1052.5
4.00	1047.1	1053.4	1040.8	1044.9	1052.7	1055.9	1040.1	1052.5	1053.6
5.00	1056.1	1041.9	1040.8	1046.9	1052.9	1051.6	1036.1	1049.3	1053.8
6.00	1051.4	1039.9	1039.9	1039.7	1050.7	1055.0	1035.2	1050.7	1047.8
7.00	1035.0	1036.3	1040.6	1046.2	1048.2	1047.8	1037.0	1049.6	1046.9
8.00	1032.9	1052.9	1032.7	1038.1	1047.3	1048.5	1037.2	1047.3	1044.2
9.00	1035.4	1038.1	1039.0	1031.1	1040.8	1043.1	1027.6	1049.1	1047.6
10.00	1024.4	1029.4	1035.9	1029.8	1038.1	1039.5	1028.5	1043.3	1043.7
11.00	1026.0	1022.2	1030.7	1037.4	1033.2	1039.0	1028.2	1037.9	1035.2
12.00	1028.5	1021.5	1016.3	1021.7	1033.2	1032.9	1022.4	1036.1	1030.9
13.00	1023.3	1011.8	1015.0	1026.2	1029.4	1030.5	1015.4	1032.0	1025.5
14.00	1012.0	1006.2	1015.2	1018.3	1026.0	1028.9	1015.0	1028.5	1028.2
15.00	1016.1	1002.4	1006.0	1014.5	1020.4	1020.8	1004.6	1025.1	1022.6
16.00	999.2	1000.6	1004.4	1012.3	1019.9	1015.6	1004.9	1018.3	1016.8
17.00	998.1	1002.8	993.8	993.8	1008.2	1010.9	991.8	1006.4	1009.6
18.00	993.8	993.8	987.3	990.9	1006.2	1006.7	989.8	999.2	1004.0
19.00	989.8	982.4	986.7	995.9	1003.5	1002.8	985.8	994.5	998.1
20.00	981.9	975.6	975.0	985.1	992.1	999.7	977.9	993.6	993.2
21.00	985.8	967.6	973.6	978.8	986.2	983.7	976.8	979.7	983.1
22.00	967.3	961.0	970.3	961.7	980.4	978.6	961.9	975.2	978.1
23.00	968.5	966.9	958.6	958.6	980.1	976.5	956.1	966.4	974.3
24.00	950.5	956.5	957.4	949.4	968.5	970.0	952.5	963.3	965.3
25.00	943.1	946.7	942.2	948.5	956.1	957.0	941.9	954.8	957.7
26.00	937.4	936.1	941.0	935.2	954.8	951.6	936.8	953.6	948.7
27.00	929.6	922.2	931.8	924.6	943.1	943.5	926.9	940.1	941.9
28.00	919.0	916.8	918.8	925.8	936.3	931.8	920.8	931.8	934.5
29.00	914.3	903.1	913.9	914.3	929.1	928.7	907.3	923.7	922.2

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-2#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W5000K 120V60Hz-
2#(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	901.5	905.5	898.8	919.5	920.4	915.9	899.7	917.7	915.2
31.00	904.2	888.2	897.9	902.4	906.2	904.9	891.2	905.5	904.9
32.00	884.4	889.1	885.3	872.7	888.5	893.2	879.3	895.2	899.9
33.00	882.2	872.5	873.2	874.5	881.7	884.2	874.1	888.0	889.1
34.00	868.0	868.9	862.4	863.3	876.6	875.0	860.2	877.7	874.1
35.00	855.0	862.4	864.9	849.6	861.1	867.1	849.6	864.0	862.8
36.00	847.1	852.1	855.0	837.2	849.4	850.9	840.8	849.6	853.6
37.00	836.6	834.8	833.2	823.1	839.5	840.2	823.5	836.6	842.4
38.00	831.6	818.8	818.8	813.0	830.9	827.6	811.8	827.1	827.1
39.00	810.9	812.1	809.6	795.7	812.1	813.6	793.4	810.3	817.2
40.00	798.8	795.4	795.0	791.6	800.8	805.5	780.4	795.7	801.3
41.00	798.1	789.8	788.2	780.8	788.2	783.3	759.5	781.5	785.1
42.00	777.5	771.6	776.8	761.5	774.1	768.0	749.8	772.5	776.3
43.00	770.5	770.3	760.4	752.5	761.3	760.8	731.2	758.8	760.4
44.00	753.4	749.8	748.7	738.8	747.1	748.3	705.1	744.9	746.2
45.00	743.3	736.3	733.6	719.9	732.7	723.8	695.0	729.6	734.1
46.00	725.1	721.1	719.3	708.9	714.1	717.2	673.0	712.5	720.2
47.00	709.4	706.9	712.7	694.5	697.2	694.8	653.7	706.0	706.2
48.00	692.5	683.8	693.4	677.5	680.2	678.8	631.9	688.7	688.3
49.00	672.8	672.3	677.7	666.2	667.8	664.7	608.0	673.0	672.8
50.00	655.0	650.3	657.0	649.8	654.1	647.1	588.9	647.1	655.2
51.00	637.0	636.4	637.7	639.5	638.4	632.3	569.4	627.6	638.6
52.00	610.5	614.8	627.6	625.6	623.3	617.9	546.7	609.2	626.2
53.00	592.8	591.2	605.6	605.3	608.0	601.3	526.9	591.4	609.4
54.00	577.7	568.9	584.7	586.2	587.8	582.9	507.4	577.5	588.0
55.00	555.2	551.0	562.2	572.1	570.1	566.0	489.6	559.5	572.1
56.00	535.2	529.8	537.9	549.8	548.9	545.8	470.1	546.0	549.4
57.00	515.0	510.7	513.4	524.0	530.1	523.8	453.4	526.9	530.5
58.00	499.1	488.9	493.0	501.1	511.2	505.8	436.4	507.4	514.3
59.00	453.4	465.6	473.2	489.2	499.3	482.7	420.6	488.7	497.9
60.00	387.4	407.2	448.7	461.3	474.1	460.2	401.1	461.8	477.7
61.00	349.2	349.2	433.2	438.8	454.6	437.0	384.5	443.6	460.9
62.00	323.8	328.7	409.2	414.6	433.7	413.0	366.9	421.5	440.6
63.00	263.6	286.0	349.6	392.8	408.7	381.5	350.1	402.9	413.4
64.00	221.8	225.6	299.3	364.7	382.2	356.6	328.1	381.3	388.3
65.00	205.4	204.3	278.6	347.2	351.2	328.3	309.4	353.0	364.7
66.00	194.8	191.0	226.7	324.2	326.0	296.4	287.8	325.6	346.7
67.00	180.2	177.1	184.5	280.0	297.5	273.0	270.5	300.2	326.3
68.00	163.4	160.4	168.3	227.8	267.6	255.0	248.7	267.8	297.5

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-2#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W5000K 120V60Hz-
2#(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	146.3	151.0	204.5	239.3	235.3	220.7	243.4	267.8
70.00	93.9	103.6	137.5	155.9	221.6	214.6	191.4	220.4	238.6
71.00	65.4	75.7	126.7	128.8	201.8	183.8	170.5	194.4	210.3
72.00	30.3	31.2	94.1	113.2	176.8	157.3	151.4	163.6	186.7
73.00	26.5	27.2	67.9	94.1	145.6	140.0	123.1	145.6	166.7
74.00	24.5	24.3	28.1	82.0	111.9	108.5	102.9	116.6	133.2
75.00	21.8	21.6	24.0	55.3	87.4	93.7	85.8	96.2	116.4
76.00	19.3	19.1	21.1	31.0	57.7	67.9	64.0	74.2	87.6
77.00	16.9	16.6	18.4	18.9	46.7	54.6	44.3	60.9	68.5
78.00	14.4	13.9	16.0	16.0	35.5	38.6	33.3	41.8	45.8
79.00	12.4	11.9	13.5	13.7	24.9	24.3	21.1	27.0	31.5
80.00	10.6	10.3	11.2	11.5	15.5	14.4	12.1	16.0	24.5
81.00	8.8	8.5	9.4	9.2	11.9	11.9	10.1	13.0	14.8
82.00	7.4	7.0	7.6	7.6	9.4	9.0	8.1	9.9	11.2
83.00	6.1	5.6	6.3	6.1	7.4	6.7	5.8	7.0	8.5
84.00	4.7	4.5	4.9	4.9	5.8	5.2	4.3	5.4	6.5
85.00	3.8	3.6	4.0	3.8	4.5	3.8	2.9	3.8	4.9
86.00	2.9	2.7	3.1	2.9	3.4	2.9	2.0	2.7	3.8
87.00	2.2	2.2	2.5	2.2	2.5	2.0	1.3	1.8	2.7
88.00	1.8	1.8	1.8	1.8	1.8	1.6	1.1	1.3	2.0
89.00	1.6	1.6	1.6	1.3	1.3	1.3	1.1	1.3	1.6
90.00	1.3	1.3	1.3	1.3	1.3	1.3	0.9	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	0.9	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	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
101.00	1.6	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
102.00	1.3	1.3	1.3	1.6	1.3	1.3	1.1	1.3	1.3
103.00	1.3	1.3	1.6	1.3	1.3	1.6	1.1	1.3	1.6
104.00	1.6	1.6	1.6	1.6	1.6	1.6	1.1	1.3	1.3
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-2#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W5000K 120V60Hz-
2#(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	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
112.00	1.8	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
113.00	1.8	1.6	1.8	1.6	1.6	1.6	1.3	1.6	1.6
114.00	1.8	1.8	1.8	1.8	1.8	1.6	1.3	1.6	1.8
115.00	1.8	1.8	1.8	1.8	1.8	1.8	1.3	1.8	1.8
116.00	1.8	1.8	1.8	1.8	1.8	1.8	1.3	1.6	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	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.8	1.8
120.00	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.8	1.8
121.00	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.8	1.8
122.00	1.8	2.0	2.0	2.0	1.8	2.0	1.6	1.8	2.0
123.00	2.0	2.0	2.0	2.0	2.0	2.0	1.6	2.0	2.0
124.00	2.0	2.0	2.0	2.0	2.0	2.0	1.6	2.0	2.0
125.00	2.0	2.0	2.0	2.0	2.0	2.0	1.6	2.0	2.0
126.00	2.0	2.0	2.0	2.0	2.0	2.0	1.6	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	2.0	2.0	2.0	2.0	2.0	1.8	2.0	2.0
129.00	2.0	2.0	2.0	2.0	2.0	2.0	1.8	2.0	2.0
130.00	2.0	2.0	2.0	2.0	2.0	2.0	1.8	2.0	2.0
131.00	2.2	2.2	2.2	2.0	2.0	2.2	1.8	2.0	2.0
132.00	2.2	2.2	2.2	2.2	2.2	2.2	1.8	2.2	2.0
133.00	2.2	2.2	2.2	2.2	2.2	2.2	1.8	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	2.2	2.2	2.2	2.2	2.2	2.2	2.0	2.2	2.2
140.00	2.2	2.2	2.2	2.2	2.2	2.2	2.0	2.2	2.2
141.00	2.5	2.2	2.5	2.5	2.5	2.5	2.0	2.2	2.5
142.00	2.5	2.5	2.5	2.5	2.5	2.5	2.0	2.2	2.2
143.00	2.5	2.5	2.5	2.5	2.5	2.5	2.0	2.2	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-2#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W5000K 120V60Hz-
2#(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	2.2	2.5	2.5
148.00	2.5	2.5	2.5	2.5	2.5	2.5	2.2	2.5	2.5
149.00	2.5	2.5	2.5	2.5	2.5	2.5	2.2	2.5	2.5
150.00	2.7	2.7	2.5	2.5	2.5	2.5	2.2	2.5	2.5
151.00	2.5	2.7	2.5	2.7	2.5	2.5	2.5	2.5	2.5
152.00	2.7	2.7	2.7	2.7	2.7	2.7	2.5	2.5	2.5
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	2.5	2.7	2.7
156.00	2.7	2.7	2.7	2.7	2.7	2.7	2.5	2.7	2.7
157.00	2.7	2.7	2.7	2.7	2.7	2.7	2.5	2.7	2.7
158.00	2.7	2.7	2.7	2.7	2.7	2.7	2.5	2.7	2.7
159.00	2.7	2.7	2.7	2.7	2.7	2.7	2.5	2.7	2.7
160.00	2.7	2.7	2.7	2.7	2.7	2.7	2.5	2.7	2.7
161.00	2.7	2.7	2.7	2.7	2.7	2.7	2.5	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	2.9	2.7	2.9	2.5	2.7	2.7
164.00	2.9	2.7	2.9	2.7	2.7	2.7	2.7	2.7	2.9
165.00	2.9	2.9	2.7	2.7	2.7	2.9	2.5	2.7	2.9
166.00	2.9	2.9	2.9	2.9	2.9	2.9	2.7	2.7	2.9
167.00	2.9	2.9	2.9	2.9	2.9	2.7	2.7	2.7	2.9
168.00	2.9	2.9	2.9	2.9	2.7	2.9	2.7	2.7	2.9
169.00	2.9	2.9	2.9	2.9	2.9	2.9	2.7	2.9	2.9
170.00	2.9	2.9	2.9	2.9	2.9	2.9	2.7	2.9	2.9
171.00	2.9	2.9	2.9	2.9	2.9	2.9	2.7	2.9	2.9
172.00	2.9	2.9	2.9	2.9	2.9	2.9	2.7	2.9	2.9
173.00	2.9	2.9	2.9	2.9	2.9	2.9	2.7	2.9	2.9
174.00	2.9	2.9	2.9	2.9	2.9	2.9	2.7	2.9	2.9
175.00	2.9	2.9	2.9	2.9	2.9	2.9	2.7	2.9	2.9
176.00	2.9	2.9	2.9	2.9	2.9	2.9	2.7	2.9	2.9
177.00	2.9	2.9	2.9	2.9	2.9	2.9	2.7	2.9	2.9
178.00	2.9	2.9	2.9	2.9	2.9	2.9	2.7	2.9	2.9
179.00	2.9	2.9	2.9	2.9	2.9	2.9	2.7	2.9	2.9
180.00	2.9	2.9	2.9	2.9	2.9	2.9	2.7	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	1055.6	1055.2	1054.1	1046.0	1037.2	1048.7	1046.4	1058.1	1052.0
1.00	1052.3	1051.6	1054.5	1058.8	1048.0	1048.0	1055.0	1051.4	1052.5
2.00	1056.1	1051.6	1048.5	1048.7	1046.0	1047.8	1037.0	1051.4	1057.9

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-2#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W5000K 120V60Hz-
2#(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	1051.4	1054.7	1048.2	1047.6	1048.2	1048.7	1051.4	1052.3	1057.4
4.00	1048.7	1052.9	1051.8	1061.9	1047.6	1049.1	1039.7	1052.9	1050.7
5.00	1049.3	1052.0	1043.7	1048.2	1041.5	1039.0	1035.6	1049.3	1050.5
6.00	1051.6	1046.4	1045.1	1040.8	1045.8	1038.1	1038.6	1040.4	1044.4
7.00	1050.9	1046.7	1044.6	1029.6	1031.8	1038.8	1035.9	1045.5	1046.9
8.00	1043.1	1041.7	1043.3	1039.2	1043.1	1039.2	1031.8	1047.6	1039.9
9.00	1045.8	1043.5	1037.7	1032.9	1029.6	1035.9	1038.3	1040.4	1041.9
10.00	1039.9	1042.4	1035.6	1031.6	1032.5	1028.9	1024.4	1032.9	1038.6
11.00	1036.3	1037.0	1035.2	1034.5	1028.0	1021.9	1025.3	1029.4	1032.7
12.00	1033.2	1034.5	1026.9	1021.9	1021.7	1026.0	1024.2	1024.6	1030.7
13.00	1029.4	1026.2	1026.9	1019.9	1020.8	1018.1	1022.6	1029.6	1029.1
14.00	1026.9	1024.9	1022.4	1008.0	1020.4	1021.5	1010.7	1021.0	1026.2
15.00	1017.2	1024.4	1017.0	1022.4	1015.2	1010.7	1020.1	1013.4	1015.2
16.00	1012.5	1017.7	1007.1	1012.5	1018.1	1009.1	1008.2	1017.0	1017.2
17.00	1006.2	1008.0	1007.6	1003.3	1012.9	1011.8	1011.4	1015.9	1011.4
18.00	1005.5	1004.9	1001.7	997.4	998.6	991.6	991.2	1005.3	1009.1
19.00	999.9	997.7	992.1	979.2	994.7	978.6	992.9	995.6	1003.5
20.00	989.1	995.0	989.1	995.2	987.3	988.2	988.0	989.6	994.3
21.00	982.2	985.8	984.6	988.0	978.6	972.7	974.1	983.3	992.1
22.00	979.5	979.2	975.0	978.1	975.9	974.3	969.1	979.2	978.8
23.00	970.7	969.8	969.1	970.0	965.1	977.7	969.6	968.5	973.6
24.00	959.9	960.1	963.1	958.3	964.4	954.5	968.2	961.0	970.3
25.00	948.5	952.5	955.2	950.3	956.1	950.9	957.4	957.7	962.6
26.00	941.7	948.2	942.4	944.2	947.8	934.3	943.7	945.5	947.6
27.00	936.8	935.7	936.3	942.2	938.1	927.1	934.5	946.2	942.2
28.00	928.5	927.1	929.6	929.8	928.2	936.6	928.7	934.5	932.7
29.00	920.8	918.8	921.7	920.6	917.7	917.7	917.7	925.5	923.7
30.00	910.3	909.1	912.1	913.9	904.6	904.6	907.8	908.5	917.5
31.00	904.0	899.9	905.3	900.4	903.3	898.4	907.6	905.3	904.4
32.00	896.1	887.3	893.4	890.5	892.1	891.6	895.2	886.9	900.8
33.00	881.7	879.7	882.8	884.6	876.3	883.7	882.2	879.0	896.6
34.00	872.3	872.1	875.4	875.2	871.8	868.5	879.0	871.6	876.8
35.00	858.6	861.9	862.6	865.8	857.0	853.9	866.9	864.6	866.9
36.00	849.4	853.9	850.0	850.9	853.0	848.2	840.4	851.8	856.6
37.00	838.4	839.7	840.8	845.3	840.4	824.4	831.4	838.8	845.8
38.00	828.2	831.4	829.4	824.9	826.0	828.9	827.8	827.8	828.5
39.00	814.8	817.5	815.7	807.8	815.4	827.3	815.4	814.5	824.6
40.00	803.8	804.7	806.2	805.1	801.7	797.9	797.0	798.8	805.5
41.00	787.3	792.1	793.6	794.5	796.1	792.1	790.7	786.7	795.0

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-2#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W5000K 120V60Hz-
2#(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	776.8	778.4	782.9	786.7	778.1	783.3	783.5	773.4	780.6
43.00	765.6	764.9	768.7	771.8	763.8	761.3	763.3	762.9	771.6
44.00	749.4	754.5	758.1	757.2	762.0	751.8	754.3	752.5	756.1
45.00	734.1	743.1	743.3	735.4	744.4	734.3	737.5	734.1	739.3
46.00	718.6	728.7	727.6	724.4	732.1	725.1	722.0	720.2	723.8
47.00	703.8	714.3	713.9	697.5	711.4	706.7	706.9	707.8	708.5
48.00	687.4	698.6	699.0	685.3	698.4	690.3	693.2	686.2	694.8
49.00	670.7	683.8	679.7	670.7	678.8	669.4	671.6	677.9	678.6
50.00	658.4	669.6	667.1	654.1	656.3	658.6	665.8	661.7	664.9
51.00	644.2	651.2	651.4	642.9	640.4	633.0	639.3	645.6	646.7
52.00	625.1	637.0	634.3	617.0	627.6	623.1	629.2	624.0	627.6
53.00	608.0	619.5	617.9	595.2	605.3	601.3	617.0	608.3	608.7
54.00	592.3	602.0	599.1	576.8	588.5	586.7	601.3	592.3	593.4
55.00	573.4	581.7	577.3	560.0	574.3	573.7	576.6	575.5	577.5
56.00	554.6	563.3	555.0	540.4	549.2	547.6	557.0	558.8	558.4
57.00	537.5	545.1	536.4	522.9	528.7	523.8	541.1	538.2	538.4
58.00	517.0	522.0	515.0	504.0	509.6	504.0	520.2	515.7	517.9
59.00	497.0	496.4	490.5	477.5	486.7	483.8	493.2	497.9	499.7
60.00	472.8	475.5	467.8	459.7	469.2	463.8	481.5	478.2	477.3
61.00	448.3	457.3	446.3	443.3	444.5	445.4	454.1	457.7	455.2
62.00	429.0	432.5	425.4	418.4	424.5	421.5	431.0	440.0	429.6
63.00	408.5	409.4	404.0	399.1	405.8	400.6	405.4	416.8	401.5
64.00	390.3	382.7	381.1	377.7	387.4	380.2	387.6	386.9	375.2
65.00	368.1	362.2	340.0	333.2	364.0	358.6	369.6	359.1	347.8
66.00	344.7	341.5	284.2	271.9	314.4	340.0	348.1	329.0	323.3
67.00	318.0	318.6	250.5	241.6	258.6	315.7	326.7	302.4	296.6
68.00	293.7	269.4	196.8	179.5	225.4	273.9	301.1	271.9	275.0
69.00	273.2	225.4	162.9	162.0	169.9	219.1	278.6	247.8	251.4
70.00	248.7	188.3	151.2	147.9	154.1	179.1	256.2	224.7	228.5
71.00	223.8	144.9	137.5	138.2	140.9	136.2	232.8	205.4	209.6
72.00	174.8	128.5	126.3	115.9	129.0	124.9	193.7	185.8	193.0
73.00	140.0	114.8	92.4	76.6	102.0	111.9	151.7	164.7	158.4
74.00	96.8	102.9	57.5	33.9	67.9	101.8	113.7	145.2	136.2
75.00	82.7	73.0	31.2	30.3	31.0	62.7	84.5	115.5	118.0
76.00	68.3	40.2	28.1	26.3	27.9	28.1	73.3	85.2	90.8
77.00	54.2	26.7	24.9	21.8	24.0	24.3	59.8	58.0	75.3
78.00	32.4	23.6	21.8	16.9	19.8	20.9	36.4	42.2	55.5
79.00	19.8	20.2	18.0	13.7	15.1	16.9	19.3	31.9	38.0
80.00	16.4	16.4	14.2	11.7	12.6	12.6	16.2	24.5	24.7

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-2#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W5000K 120V60Hz-
2#(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	13.3	13.0	11.0	9.7	10.6	10.3	12.8	15.1	14.8
82.00	10.3	10.1	9.2	7.9	8.8	8.5	9.9	11.2	11.9
83.00	8.1	8.3	7.9	6.3	7.0	6.7	7.9	8.8	9.2
84.00	6.5	6.7	6.3	4.9	5.4	5.4	6.3	6.5	6.5
85.00	4.9	5.4	4.9	3.8	4.3	4.0	4.7	4.9	4.7
86.00	3.8	4.0	4.3	2.7	3.1	3.1	3.6	3.6	3.6
87.00	2.9	3.1	2.9	2.0	2.2	2.2	2.7	2.7	2.5
88.00	2.0	2.2	2.2	1.6	1.8	1.6	2.0	2.0	1.8
89.00	1.6	1.8	1.6	1.1	1.3	1.3	1.3	1.3	1.3
90.00	1.3	1.6	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	1.3	1.3	1.1	1.1
99.00	1.3	1.3	1.3	1.1	1.3	1.3	1.3	1.1	1.1
100.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.1
101.00	1.3	1.3	1.3	1.1	1.3	1.3	1.3	1.1	1.1
102.00	1.6	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.1
103.00	1.3	1.6	1.3	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	1.6	1.3	1.3	1.3	1.3	1.3
110.00	1.6	1.6	1.6	1.3	1.3	1.3	1.3	1.3	1.3
111.00	1.6	1.6	1.6	1.3	1.6	1.3	1.3	1.6	1.3
112.00	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.3	1.3
113.00	1.6	1.8	1.8	1.6	1.6	1.6	1.6	1.6	1.3
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	1.6	1.6	1.6	1.6	1.6	1.6

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-2#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W5000K 120V60Hz-
2#(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	1.6	1.6	1.6	1.6	1.6	1.6
121.00	1.8	2.0	1.8	1.8	1.6	1.6	1.8	1.8	1.6
122.00	2.0	2.0	2.0	1.8	1.8	1.8	1.8	1.8	1.6
123.00	2.0	2.0	2.0	1.8	1.8	1.8	1.8	1.8	1.6
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	1.8	1.8	1.8	1.8	1.8	1.8
128.00	2.0	2.0	2.0	1.8	1.8	1.8	1.8	1.8	1.8
129.00	2.0	2.0	2.0	1.8	1.8	1.8	1.8	1.8	1.8
130.00	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8
131.00	2.0	2.2	2.2	2.0	2.0	2.0	2.0	2.0	2.0
132.00	2.0	2.2	2.0	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	2.0	2.0	2.0	2.0	2.0	2.0
138.00	2.2	2.2	2.2	2.0	2.0	2.2	2.0	2.0	2.0
139.00	2.2	2.2	2.2	2.0	2.0	2.2	2.2	2.2	2.2
140.00	2.2	2.2	2.2	2.2	2.0	2.2	2.2	2.2	2.2
141.00	2.5	2.5	2.5	2.2	2.2	2.2	2.2	2.2	2.2
142.00	2.5	2.2	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	2.2	2.2	2.2	2.2
146.00	2.5	2.5	2.5	2.2	2.2	2.2	2.2	2.2	2.2
147.00	2.5	2.5	2.5	2.5	2.2	2.5	2.5	2.5	2.2
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	2.5	2.7	2.7	2.5	2.5	2.5	2.5	2.5	2.5
153.00	2.5	2.7	2.7	2.5	2.5	2.5	2.5	2.5	2.5
154.00	2.7	2.7	2.7	2.5	2.5	2.5	2.5	2.5	2.5
155.00	2.7	2.7	2.7	2.5	2.5	2.5	2.5	2.5	2.5
156.00	2.7	2.7	2.7	2.7	2.7	2.5	2.5	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-2#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W5000K 120V60Hz-
2#(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	2.7	2.7	2.7	2.7	2.7	2.7	2.7
164.00	2.7	2.7	2.9	2.7	2.7	2.7	2.7	2.7	2.7
165.00	2.9	2.7	2.9	2.7	2.7	2.7	2.7	2.7	2.7
166.00	2.7	2.9	2.9	2.7	2.7	2.7	2.7	2.7	2.7
167.00	2.9	2.9	2.9	2.9	2.7	2.7	2.7	2.9	2.7
168.00	2.9	2.9	2.9	2.9	2.7	2.7	2.7	2.9	2.7
169.00	2.9	2.9	2.9	2.9	2.9	2.9	2.7	2.7	2.9
170.00	2.9	2.9	2.9	2.9	2.7	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	1041.9	1056.5	1049.1	1055.6	1055.2	1054.1
1.00	1036.8	1055.0	1059.0	1055.4	1057.9	1052.9
2.00	1044.4	1054.3	1053.2	1052.3	1057.4	1052.0
3.00	1045.1	1050.0	1049.8	1051.4	1054.5	1054.3
4.00	1038.6	1052.3	1055.2	1051.8	1055.2	1052.7
5.00	1042.6	1046.0	1052.9	1053.6	1054.7	1049.1
6.00	1037.7	1051.1	1048.9	1053.2	1053.2	1047.8
7.00	1032.5	1050.0	1052.0	1047.8	1045.8	1049.1
8.00	1035.4	1041.7	1044.4	1048.9	1041.9	1041.3
9.00	1026.9	1040.6	1041.5	1044.0	1043.1	1040.8
10.00	1030.3	1043.3	1045.5	1041.9	1040.1	1039.7
11.00	1029.1	1035.0	1037.7	1037.9	1035.0	1035.2
12.00	1017.4	1028.0	1035.9	1033.8	1028.5	1027.3
13.00	1016.3	1029.8	1028.0	1030.0	1030.7	1027.8
14.00	1017.0	1025.1	1020.4	1021.7	1023.7	1020.8

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-2#(liang.jiancheng)

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

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
15.00	1007.8	1023.5	1022.6	1022.6	1021.3	1017.7
16.00	1008.2	1012.3	1016.1	1014.7	1012.3	1015.6
17.00	998.6	1010.5	1010.3	1008.2	1004.2	1012.0
18.00	997.9	1008.9	1006.7	1003.7	1002.6	1003.3
19.00	991.8	1003.3	998.6	996.1	995.0	994.7
20.00	987.1	995.0	994.3	992.9	992.3	994.3
21.00	978.6	988.2	988.0	981.9	981.0	984.0
22.00	977.0	985.3	979.9	977.7	976.3	977.7
23.00	966.0	974.3	975.2	971.2	969.4	969.4
24.00	956.1	965.1	963.7	962.6	961.5	965.8
25.00	959.9	963.1	958.1	955.4	953.9	953.6
26.00	942.2	948.0	950.7	948.9	944.4	948.9
27.00	936.8	941.3	942.4	942.4	938.1	942.8
28.00	929.1	937.2	937.7	932.1	927.1	933.9
29.00	918.3	925.3	925.8	925.1	918.8	924.9
30.00	911.6	917.2	911.6	914.1	908.7	917.5
31.00	905.1	904.4	899.5	905.1	899.0	901.0
32.00	891.4	901.9	894.1	896.6	889.1	895.4
33.00	885.3	886.0	880.8	884.9	878.4	885.1
34.00	869.1	877.9	874.5	874.5	870.0	873.6
35.00	857.9	864.9	862.2	866.2	863.7	867.8
36.00	848.2	855.2	852.7	853.6	853.6	855.0
37.00	837.2	841.7	836.3	841.3	843.3	843.1
38.00	823.1	831.2	822.4	828.5	829.1	832.7
39.00	812.1	823.1	807.3	819.3	819.9	820.2
40.00	804.4	805.3	796.1	804.9	804.7	808.7
41.00	786.9	792.7	784.4	791.2	792.5	797.0
42.00	774.3	779.3	773.0	776.1	775.9	781.5
43.00	761.7	763.5	759.9	762.6	766.2	769.1
44.00	749.4	751.8	749.8	753.2	753.9	755.4
45.00	732.5	735.7	732.7	736.8	738.8	740.4
46.00	718.8	720.2	718.8	726.7	719.5	727.8
47.00	704.4	704.7	699.5	712.5	707.6	708.5
48.00	689.2	693.4	685.6	694.5	690.5	693.0
49.00	668.7	671.2	672.8	679.0	671.0	673.4
50.00	656.6	654.8	654.6	660.6	658.1	655.7
51.00	638.4	635.7	639.5	645.1	641.3	637.0
52.00	622.4	617.0	620.6	631.2	621.1	619.5
53.00	605.1	602.2	598.4	613.2	600.6	599.9

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-2#(liang.jiancheng)

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

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
54.00	584.2	577.3	583.3	591.6	580.8	583.1
55.00	564.4	552.3	564.2	571.6	561.8	559.7
56.00	551.2	528.5	542.2	553.9	543.1	541.8
57.00	531.2	502.9	519.3	534.1	524.2	525.6
58.00	511.0	479.5	491.4	512.3	503.8	504.9
59.00	494.3	455.7	468.3	488.9	480.6	483.8
60.00	470.5	429.4	444.0	467.6	458.8	439.5
61.00	448.7	405.4	417.7	443.3	437.9	372.8
62.00	425.1	380.6	393.9	417.3	414.3	336.8
63.00	405.8	363.1	370.5	390.5	357.9	306.9
64.00	387.6	342.7	344.2	363.1	302.2	239.8
65.00	365.1	325.6	323.3	338.6	279.3	213.2
66.00	345.6	307.4	299.7	312.3	222.5	198.6
67.00	321.5	289.9	281.5	287.4	186.1	185.4
68.00	282.7	268.1	264.2	233.2	172.6	170.8
69.00	251.4	249.6	244.0	198.6	156.4	157.5
70.00	230.5	228.5	224.3	171.9	140.4	120.2
71.00	210.3	208.7	204.9	126.7	125.8	86.1
72.00	172.6	170.8	184.7	114.6	84.0	37.3
73.00	154.1	147.6	150.1	102.2	58.4	31.2
74.00	134.1	128.3	111.9	90.3	29.0	28.1
75.00	104.9	98.4	85.4	75.3	25.8	25.6
76.00	89.2	83.6	53.7	43.8	22.9	22.7
77.00	66.7	60.7	43.6	22.2	20.2	19.3
78.00	48.1	43.1	31.9	18.7	17.3	16.0
79.00	35.1	31.0	21.8	16.0	13.9	12.8
80.00	20.9	17.3	13.9	13.3	10.8	10.6
81.00	14.8	11.9	10.3	10.6	9.0	8.8
82.00	11.5	9.9	8.3	8.3	7.2	7.4
83.00	7.6	7.6	6.3	6.5	5.8	5.8
84.00	5.4	5.4	4.9	4.9	4.5	4.5
85.00	4.0	4.3	3.8	4.0	3.4	3.4
86.00	2.9	3.1	2.9	2.9	2.5	2.7
87.00	2.0	2.2	2.0	2.2	1.8	2.0
88.00	1.6	1.6	1.6	1.6	1.3	1.6
89.00	1.3	1.3	1.3	1.3	1.1	1.1
90.00	1.3	1.1	1.1	1.1	1.1	1.1
91.00	1.1	1.1	1.1	1.1	1.1	1.1
92.00	1.1	1.1	1.1	1.1	1.1	1.1

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-2#(liang.jiancheng)

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

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
93.00	1.1	1.1	1.1	1.1	1.1	1.1
94.00	1.1	1.1	1.1	1.1	1.1	1.1
95.00	1.1	1.1	1.1	1.1	1.1	1.1
96.00	1.1	1.1	1.1	1.1	1.1	1.1
97.00	1.1	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	1.1	1.1	1.3	1.3	1.1
101.00	1.3	1.1	1.1	1.3	1.3	1.1
102.00	1.3	1.1	1.1	1.1	1.3	1.3
103.00	1.3	1.3	1.3	1.3	1.3	1.3
104.00	1.3	1.3	1.3	1.3	1.3	1.3
105.00	1.3	1.3	1.3	1.3	1.3	1.3
106.00	1.3	1.3	1.3	1.3	1.3	1.3
107.00	1.3	1.3	1.3	1.3	1.3	1.3
108.00	1.3	1.3	1.3	1.3	1.3	1.3
109.00	1.3	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	1.3	1.6	1.6	1.6
113.00	1.6	1.6	1.6	1.6	1.6	1.6
114.00	1.6	1.6	1.6	1.6	1.6	1.6
115.00	1.6	1.6	1.6	1.6	1.6	1.6
116.00	1.6	1.6	1.6	1.6	1.6	1.6
117.00	1.6	1.6	1.6	1.6	1.6	1.6
118.00	1.6	1.6	1.6	1.6	1.6	1.6
119.00	1.6	1.6	1.6	1.6	1.6	1.6
120.00	1.6	1.6	1.6	1.6	1.6	1.6
121.00	1.8	1.8	1.6	1.6	1.6	1.8
122.00	1.8	1.8	1.8	1.8	1.8	1.8
123.00	1.8	1.8	1.8	1.8	1.8	1.8
124.00	1.8	1.8	1.8	1.8	1.8	1.8
125.00	1.8	1.8	1.8	1.8	1.8	1.8
126.00	1.8	1.8	1.8	1.8	1.8	1.8
127.00	1.8	1.8	1.8	1.8	1.8	1.8
128.00	1.8	1.8	1.8	1.8	1.8	1.8
129.00	1.8	1.8	2.0	1.8	2.0	1.8
130.00	1.8	1.8	2.0	1.8	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-2#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W5000K 120V60Hz-
2#(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	2.0	2.0	2.0	2.0	2.0	2.0
134.00	2.0	2.0	2.0	2.0	2.0	2.0
135.00	2.0	2.0	2.0	2.0	2.0	2.0
136.00	2.0	2.0	2.0	2.0	2.0	2.0
137.00	2.0	2.0	2.0	2.0	2.0	2.0
138.00	2.0	2.2	2.0	2.2	2.0	2.0
139.00	2.0	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	2.2	2.2	2.2	2.2	2.2	2.2
142.00	2.2	2.2	2.2	2.2	2.2	2.2
143.00	2.2	2.2	2.2	2.2	2.2	2.2
144.00	2.2	2.2	2.2	2.2	2.2	2.2
145.00	2.2	2.2	2.2	2.2	2.2	2.2
146.00	2.2	2.2	2.5	2.5	2.2	2.5
147.00	2.2	2.5	2.2	2.5	2.5	2.5
148.00	2.2	2.5	2.5	2.5	2.5	2.5
149.00	2.2	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	2.5	2.5	2.5	2.5	2.5	2.5
155.00	2.5	2.5	2.5	2.5	2.7	2.7
156.00	2.5	2.5	2.5	2.7	2.7	2.7
157.00	2.5	2.5	2.7	2.7	2.7	2.7
158.00	2.5	2.7	2.7	2.7	2.7	2.7
159.00	2.5	2.7	2.7	2.7	2.7	2.7
160.00	2.5	2.7	2.7	2.7	2.7	2.7
161.00	2.5	2.7	2.7	2.7	2.7	2.7
162.00	2.5	2.7	2.7	2.7	2.7	2.7
163.00	2.7	2.7	2.7	2.7	2.7	2.7
164.00	2.7	2.7	2.7	2.7	2.7	2.9
165.00	2.7	2.7	2.7	2.7	2.7	2.7
166.00	2.7	2.7	2.7	2.7	2.7	2.7
167.00	2.7	2.9	2.7	2.7	2.9	2.9
168.00	2.7	2.7	2.9	2.9	2.7	2.9
169.00	2.7	2.7	2.9	2.7	2.9	2.9
170.00	2.7	2.7	2.7	2.9	2.9	2.9

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-2#(liang.jiancheng)

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

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
171.00	2.7	2.9	2.9	2.9	2.9	2.9
172.00	2.7	2.9	2.9	2.9	2.9	2.9
173.00	2.7	2.9	2.9	2.9	2.9	2.9
174.00	2.7	2.9	2.9	2.9	2.9	2.9
175.00	2.7	2.9	2.9	2.9	2.9	2.9
176.00	2.7	2.9	2.9	2.9	2.9	2.9
177.00	2.7	2.9	2.9	2.9	2.9	2.9
178.00	2.7	2.9	2.9	2.9	2.9	2.9
179.00	2.7	2.9	2.9	2.9	2.9	2.9
180.00	2.7	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-2#(liang.jiancheng)			
Meas.-no.:	2			
Flux:	2852.21 lm		Operator:	Terry Huang
Comment:	UI=120.03V II=0.259A WI=28.1W PF=0.902			
Maximum intensity:	1061.933 cd			

Zonal flux 24090462_2500476_fanguangdeng30W5000K 120V60Hz-2#(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	363.7	371.0	368.2	0.00	0.00	0.00	0.00
1.0	363.5	371.3	368.9	1.01	1.01	0.04	0.04
2.0	363.6	372.3	368.8	3.02	4.03	0.11	0.14
3.0	365.7	370.7	368.6	5.03	9.06	0.18	0.32
4.0	364.1	372.3	368.2	7.03	16.09	0.25	0.56
5.0	363.1	370.3	367.2	9.02	25.11	0.32	0.88
6.0	362.9	369.9	366.6	11.00	36.11	0.39	1.27
7.0	361.0	368.9	365.7	12.96	49.08	0.45	1.72
8.0	361.8	369.2	365.3	14.92	64.00	0.52	2.24
9.0	360.0	367.8	364.3	16.86	80.86	0.59	2.84
10.0	359.2	366.6	363.2	18.78	99.64	0.66	3.49
11.0	358.3	364.3	362.0	20.67	120.30	0.72	4.22
12.0	356.3	363.3	360.2	22.52	142.82	0.79	5.01
13.0	354.8	361.8	359.3	24.35	167.18	0.85	5.86
14.0	352.8	360.7	357.7	26.18	193.35	0.92	6.78
15.0	351.4	359.4	356.5	27.97	221.32	0.98	7.76
16.0	350.3	357.6	354.9	29.73	251.05	1.04	8.80
17.0	347.7	356.2	352.8	31.43	282.48	1.10	9.90
18.0	346.2	353.8	350.6	33.08	315.56	1.16	11.06
19.0	343.1	351.8	348.5	34.69	350.25	1.22	12.28
20.0	341.8	350.5	346.9	36.30	386.55	1.27	13.55
21.0	339.2	347.8	344.2	37.85	424.40	1.33	14.88
22.0	336.9	345.5	341.8	39.32	463.71	1.38	16.26
23.0	335.2	343.6	339.9	40.80	504.51	1.43	17.69
24.0	332.8	340.2	337.0	42.21	546.72	1.48	19.17
25.0	330.3	337.7	334.3	43.53	590.25	1.53	20.69

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-2#(liang.jiancheng)

Zonal flux 24090462_2500476_fanguangdeng30W5000K 120V60Hz-2#(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	327.6	334.7	331.2	44.81	635.06	1.57	22.27
27.0	323.3	331.7	328.5	46.04	681.10	1.61	23.88
28.0	321.4	328.8	325.9	47.25	728.35	1.66	25.54
29.0	316.6	325.8	322.5	48.39	776.74	1.70	27.23
30.0	315.1	322.7	319.4	49.43	826.17	1.73	28.97
31.0	311.4	318.2	316.2	50.45	876.62	1.77	30.73
32.0	306.0	316.2	312.5	51.37	928.00	1.80	32.54
33.0	305.9	314.3	309.2	52.24	980.24	1.83	34.37
34.0	301.6	308.2	305.7	53.08	1033.32	1.86	36.23
35.0	297.9	304.3	302.1	53.84	1087.16	1.89	38.12
36.0	293.5	300.3	298.1	54.51	1141.67	1.91	40.03
37.0	288.6	296.5	293.6	55.04	1196.71	1.93	41.96
38.0	284.6	292.0	289.6	55.53	1252.24	1.95	43.90
39.0	278.2	290.1	285.3	55.97	1308.21	1.96	45.87
40.0	273.6	283.5	280.6	56.30	1364.50	1.97	47.84
41.0	266.3	279.8	276.5	56.59	1421.09	1.98	49.82
42.0	262.9	275.8	271.9	56.83	1477.92	1.99	51.82
43.0	256.4	270.6	267.4	56.98	1534.89	2.00	53.81
44.0	247.2	267.1	262.8	57.08	1591.97	2.00	55.82
45.0	243.7	261.0	257.3	57.01	1648.98	2.00	57.81
46.0	235.9	256.7	252.2	56.83	1705.81	1.99	59.81
47.0	229.2	250.4	246.7	56.60	1762.41	1.98	61.79
48.0	221.5	245.1	241.0	56.23	1818.65	1.97	63.76
49.0	213.2	239.7	235.1	55.76	1874.40	1.95	65.72
50.0	206.5	234.8	229.4	55.23	1929.64	1.94	67.65
51.0	199.6	228.4	223.3	54.63	1984.27	1.92	69.57
52.0	191.7	223.3	217.4	53.94	2038.21	1.89	71.46
53.0	184.7	217.2	210.8	53.13	2091.33	1.86	73.32
54.0	177.9	211.1	204.4	52.21	2143.54	1.83	75.15
55.0	171.7	204.0	197.8	51.21	2194.75	1.80	76.95
56.0	164.8	197.5	190.8	50.08	2244.83	1.76	78.71
57.0	159.0	191.1	183.7	48.84	2293.67	1.71	80.42
58.0	153.0	183.0	176.6	47.52	2341.19	1.67	82.08
59.0	147.5	175.2	168.9	46.07	2387.26	1.62	83.70
60.0	135.8	168.8	159.7	44.29	2431.55	1.55	85.25

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-2#(liang.jiancheng)

Zonal flux 24090462_2500476_fanguangdeng30W5000K 120V60Hz-2#(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	122.4	161.6	150.9	42.28	2473.83	1.48	86.73
62.0	113.5	154.5	142.8	40.36	2514.19	1.41	88.15
63.0	92.4	146.1	132.9	38.23	2552.42	1.34	89.49
64.0	77.8	136.8	122.4	35.72	2588.15	1.25	90.74
65.0	71.6	129.6	113.8	33.34	2621.48	1.17	91.91
66.0	67.0	122.0	103.8	30.96	2652.44	1.09	93.00
67.0	62.1	114.5	94.5	28.44	2680.88	1.00	93.99
68.0	56.2	105.6	83.8	25.76	2706.64	0.90	94.90
69.0	51.3	97.7	74.6	23.04	2729.68	0.81	95.70
70.0	32.9	89.8	65.3	20.50	2750.18	0.72	96.42
71.0	22.9	81.6	56.8	18.01	2768.18	0.63	97.05
72.0	10.6	67.9	47.3	15.45	2783.63	0.54	97.60
73.0	9.3	58.5	39.3	12.93	2796.56	0.45	98.05
74.0	8.5	50.9	30.8	10.52	2807.08	0.37	98.42
75.0	7.6	41.4	24.1	8.27	2815.35	0.29	98.71
76.0	6.7	31.8	17.9	6.35	2821.71	0.22	98.93
77.0	5.8	26.4	13.8	4.83	2826.53	0.17	99.10
78.0	4.9	19.5	10.2	3.67	2830.21	0.13	99.23
79.0	4.2	13.3	7.4	2.69	2832.90	0.09	99.32
80.0	3.6	8.7	5.3	1.94	2834.85	0.07	99.39
81.0	3.0	5.3	4.0	1.43	2836.28	0.05	99.44
82.0	2.4	4.2	3.2	1.11	2837.39	0.04	99.48
83.0	2.0	3.2	2.5	0.88	2838.27	0.03	99.51
84.0	1.5	2.4	1.9	0.68	2838.95	0.02	99.53
85.0	1.0	1.9	1.5	0.52	2839.47	0.02	99.55
86.0	0.7	1.5	1.1	0.40	2839.87	0.01	99.57
87.0	0.5	1.1	0.8	0.30	2840.17	0.01	99.58
88.0	0.4	0.8	0.6	0.22	2840.39	0.01	99.59
89.0	0.4	0.6	0.5	0.17	2840.56	0.01	99.59
90.0	0.3	0.6	0.4	0.14	2840.70	0.01	99.60
91.0	0.4	0.5	0.4	0.14	2840.84	0.00	99.60
92.0	0.4	0.5	0.4	0.13	2840.97	0.00	99.61
93.0	0.3	0.5	0.4	0.13	2841.11	0.00	99.61
94.0	0.4	0.5	0.4	0.13	2841.24	0.00	99.62
95.0	0.4	0.5	0.4	0.13	2841.38	0.00	99.62

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-2#(liang.jiancheng)

Zonal flux 24090462_2500476_fanguangdeng30W5000K 120V60Hz-2#(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	2841.51	0.00	99.62
97.0	0.4	0.5	0.4	0.13	2841.64	0.00	99.63
98.0	0.4	0.5	0.4	0.13	2841.78	0.00	99.63
99.0	0.4	0.5	0.4	0.14	2841.91	0.00	99.64
100.0	0.4	0.5	0.5	0.14	2842.05	0.00	99.64
101.0	0.4	0.6	0.5	0.14	2842.19	0.00	99.65
102.0	0.4	0.6	0.5	0.14	2842.33	0.00	99.65
103.0	0.4	0.6	0.5	0.14	2842.48	0.01	99.66
104.0	0.4	0.6	0.5	0.15	2842.62	0.01	99.66
105.0	0.5	0.6	0.5	0.15	2842.78	0.01	99.67
106.0	0.5	0.6	0.5	0.15	2842.93	0.01	99.67
107.0	0.5	0.6	0.5	0.15	2843.08	0.01	99.68
108.0	0.5	0.6	0.5	0.15	2843.24	0.01	99.69
109.0	0.5	0.6	0.5	0.15	2843.39	0.01	99.69
110.0	0.5	0.6	0.5	0.15	2843.54	0.01	99.70
111.0	0.5	0.6	0.5	0.15	2843.69	0.01	99.70
112.0	0.5	0.6	0.5	0.15	2843.84	0.01	99.71
113.0	0.5	0.6	0.6	0.16	2844.00	0.01	99.71
114.0	0.5	0.6	0.6	0.16	2844.17	0.01	99.72
115.0	0.5	0.6	0.6	0.17	2844.33	0.01	99.72
116.0	0.5	0.6	0.6	0.16	2844.50	0.01	99.73
117.0	0.6	0.6	0.6	0.16	2844.66	0.01	99.74
118.0	0.6	0.6	0.6	0.16	2844.82	0.01	99.74
119.0	0.6	0.6	0.6	0.16	2844.98	0.01	99.75
120.0	0.6	0.7	0.6	0.16	2845.14	0.01	99.75
121.0	0.6	0.7	0.6	0.16	2845.31	0.01	99.76
122.0	0.6	0.7	0.6	0.17	2845.47	0.01	99.76
123.0	0.6	0.7	0.7	0.17	2845.65	0.01	99.77
124.0	0.6	0.7	0.7	0.17	2845.82	0.01	99.78
125.0	0.6	0.7	0.7	0.17	2845.99	0.01	99.78
126.0	0.6	0.7	0.7	0.17	2846.16	0.01	99.79
127.0	0.6	0.7	0.7	0.17	2846.33	0.01	99.79
128.0	0.6	0.7	0.7	0.17	2846.49	0.01	99.80
129.0	0.6	0.7	0.7	0.16	2846.66	0.01	99.81
130.0	0.6	0.7	0.7	0.16	2846.82	0.01	99.81

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-2#(liang.jiancheng)

Zonal flux 24090462_2500476_fanguangdeng30W5000K 120V60Hz-2#(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	0.6	0.8	0.7	0.17	2846.99	0.01	99.82
132.0	0.6	0.8	0.7	0.17	2847.16	0.01	99.82
133.0	0.6	0.8	0.7	0.17	2847.33	0.01	99.83
134.0	0.7	0.8	0.7	0.17	2847.50	0.01	99.83
135.0	0.7	0.8	0.7	0.17	2847.66	0.01	99.84
136.0	0.7	0.8	0.7	0.16	2847.83	0.01	99.85
137.0	0.7	0.8	0.7	0.16	2847.99	0.01	99.85
138.0	0.7	0.8	0.8	0.16	2848.15	0.01	99.86
139.0	0.7	0.8	0.8	0.16	2848.30	0.01	99.86
140.0	0.7	0.8	0.8	0.16	2848.46	0.01	99.87
141.0	0.7	0.9	0.8	0.16	2848.62	0.01	99.87
142.0	0.7	0.9	0.8	0.16	2848.78	0.01	99.88
143.0	0.7	0.9	0.8	0.16	2848.93	0.01	99.89
144.0	0.8	0.9	0.8	0.15	2849.09	0.01	99.89
145.0	0.8	0.9	0.8	0.15	2849.24	0.01	99.90
146.0	0.8	0.9	0.8	0.15	2849.38	0.01	99.90
147.0	0.8	0.9	0.9	0.15	2849.53	0.01	99.91
148.0	0.8	0.9	0.9	0.14	2849.67	0.01	99.91
149.0	0.8	0.9	0.9	0.14	2849.81	0.00	99.92
150.0	0.8	0.9	0.9	0.14	2849.95	0.00	99.92
151.0	0.9	0.9	0.9	0.13	2850.09	0.00	99.93
152.0	0.9	0.9	0.9	0.13	2850.22	0.00	99.93
153.0	0.9	0.9	0.9	0.13	2850.35	0.00	99.93
154.0	0.9	0.9	0.9	0.13	2850.47	0.00	99.94
155.0	0.9	0.9	0.9	0.12	2850.59	0.00	99.94
156.0	0.9	0.9	0.9	0.12	2850.71	0.00	99.95
157.0	0.9	0.9	0.9	0.12	2850.83	0.00	99.95
158.0	0.9	0.9	0.9	0.11	2850.94	0.00	99.96
159.0	0.9	0.9	0.9	0.11	2851.05	0.00	99.96
160.0	0.9	0.9	0.9	0.10	2851.15	0.00	99.96
161.0	0.9	0.9	0.9	0.10	2851.25	0.00	99.97
162.0	0.9	0.9	0.9	0.09	2851.34	0.00	99.97
163.0	0.9	1.0	1.0	0.09	2851.43	0.00	99.97
164.0	0.9	1.0	1.0	0.09	2851.52	0.00	99.98
165.0	0.9	1.0	1.0	0.08	2851.60	0.00	99.98

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W5000K 120V60Hz-2#(liang.jiancheng)

Zonal flux 24090462_2500476_fanguangdeng30W5000K 120V60Hz-2#(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	2851.67	0.00	99.98
167.0	0.9	1.0	1.0	0.07	2851.75	0.00	99.98
168.0	0.9	1.0	1.0	0.07	2851.81	0.00	99.99
169.0	0.9	1.0	1.0	0.06	2851.87	0.00	99.99
170.0	0.9	1.0	1.0	0.06	2851.93	0.00	99.99
171.0	0.9	1.0	1.0	0.05	2851.98	0.00	99.99
172.0	0.9	1.0	1.0	0.05	2852.03	0.00	99.99
173.0	0.9	1.0	1.0	0.04	2852.07	0.00	100.00
174.0	0.9	1.0	1.0	0.04	2852.11	0.00	100.00
175.0	0.9	1.0	1.0	0.03	2852.14	0.00	100.00
176.0	0.9	1.0	1.0	0.02	2852.16	0.00	100.00
177.0	0.9	1.0	1.0	0.02	2852.18	0.00	100.00
178.0	0.9	1.0	1.0	0.01	2852.20	0.00	100.00
179.0	0.9	1.0	1.0	0.01	2852.21	0.00	100.00
180.0	0.9	1.0	1.0	0.00	2852.21	0.00	100.00

LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	Decostar C15 G1 180			
Name:	24090462_2500476_fanguangdeng30W5000K 120V60Hz-2#(liang.jiancheng)			
Meas.-no.:	2			
Flux:	2852.21 lm		Operator:	Terry Huang
Comment:	UI=120.03V II=0.259A WI=28.1W PF=0.902			
Maximum intensity:	1061.933 cd			

Protocol

LiTG-class:	A42									
UTE-class:	1.00 D									
IES-class:	51 - 86 - 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:						110.7°		112.8°		
Half peak side angle (left):						-57.4°		-56.5°		
Half peak side angle (right):						53.2°		56.2°		
One tenth peak divergence:						149.0°		142.0°		
Tenth peak side angle (left):						-75.0°		-72.3°		
Tenth peak side angle (right):						73.9°		69.8°		
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°									