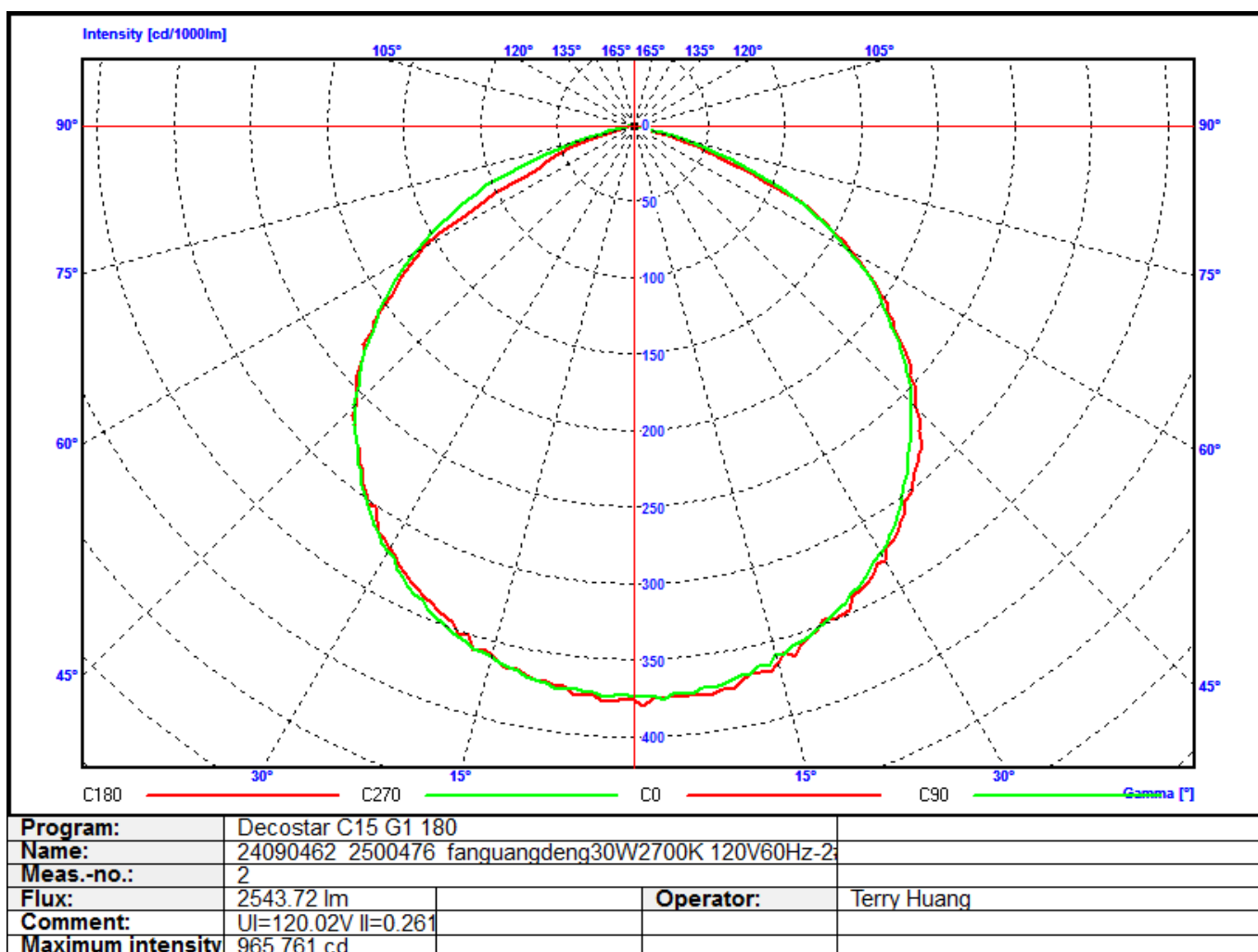


LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	Decostar C15 G1 180		
Name:	24090462_2500476_fanguangdeng30W2700K 120V60Hz-2#(liang.jiancheng)		
Meas.-no.:	2		
Flux:	2543.72 lm		Operator: Terry Huang
Comment:	UI=120.02V II=0.261A WI=28.3W PF=0.904		
Maximum intensity:	965.761 cd		

Polar diagram 24090462_2500476_fanguangdeng30W2700K 120V60Hz-2#(liang.jiancheng) / C-Plane measurement



LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	Decostar C15 G1 180			
Name:	24090462_2500476_fanguangdeng30W2700K 120V60Hz-2#(liang.jiancheng)			
Meas.-no.:	2			
Flux:	2543.72 lm		Operator:	Terry Huang
Comment:	UI=120.02V II=0.261A WI=28.3W PF=0.904			
Maximum intensity:	965.761 cd			

Intensity [cd] 24090462_2500476_fanguangdeng30W2700K 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	954.5	950.5	954.8	948.5	952.1	951.2	948.0	928.7	928.2
1.00	965.8	954.8	956.5	958.3	951.8	952.5	949.8	925.3	921.0
2.00	952.5	953.9	952.1	955.4	943.1	946.0	946.7	927.3	931.2
3.00	953.2	957.2	946.0	944.9	947.3	952.7	954.8	926.2	929.6
4.00	949.4	950.9	950.3	950.3	955.2	950.3	946.4	925.8	919.9
5.00	953.0	956.1	951.4	946.9	951.6	940.6	945.1	925.3	922.6
6.00	948.7	950.5	945.8	951.8	943.1	946.4	949.6	916.3	922.2
7.00	953.6	948.2	945.8	937.0	938.6	952.7	940.8	918.8	918.6
8.00	952.5	939.7	943.5	947.3	944.9	942.8	943.7	913.6	908.9
9.00	947.8	945.5	943.5	937.7	942.2	939.5	940.1	908.9	911.8
10.00	950.3	943.1	939.0	940.4	939.9	934.5	933.9	907.8	905.3
11.00	941.5	941.7	934.5	928.0	928.2	938.3	929.8	903.7	900.1
12.00	930.7	931.2	940.6	923.3	933.9	928.9	930.9	903.5	900.8
13.00	933.2	935.4	941.0	919.7	936.8	931.2	920.8	899.9	896.8
14.00	935.4	932.7	918.8	918.3	927.6	927.3	925.8	893.0	891.6
15.00	924.6	921.5	926.2	914.1	918.6	921.0	912.1	890.5	885.1
16.00	910.7	922.4	925.8	919.7	921.3	919.0	912.1	884.6	881.9
17.00	922.4	916.1	912.7	906.2	908.7	906.7	903.7	880.6	875.2
18.00	905.8	909.8	907.6	908.9	904.6	905.1	901.7	870.9	873.4
19.00	896.6	908.5	903.7	898.4	899.9	898.6	899.0	866.4	861.1
20.00	893.6	902.4	898.8	882.8	892.5	891.2	889.8	860.8	855.0
21.00	878.1	892.7	891.6	879.9	884.4	882.4	885.8	853.4	853.6
22.00	886.4	892.5	881.7	881.3	882.2	880.6	878.4	848.5	843.5
23.00	882.4	869.1	883.1	876.6	875.9	867.8	871.2	841.1	836.8
24.00	880.6	875.2	874.1	865.5	859.9	880.6	867.3	835.9	833.4
25.00	863.7	864.6	868.5	857.5	853.6	862.6	857.0	825.5	826.2
26.00	858.8	861.9	856.1	857.5	851.4	855.0	852.7	822.9	817.7
27.00	853.2	856.3	856.1	855.2	844.6	837.9	843.7	813.9	808.2
28.00	847.8	842.6	852.5	833.9	847.8	839.3	836.6	809.1	796.3
29.00	833.0	831.6	837.0	828.5	837.5	827.1	827.1	797.5	787.3

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-2#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W2700K 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	833.9	823.8	829.8	827.3	825.5	819.3	819.0	792.5	777.2
31.00	817.2	816.6	818.8	819.7	813.4	811.6	814.1	778.6	765.8
32.00	813.2	814.1	803.8	804.4	816.6	803.3	801.7	771.6	764.9
33.00	806.9	809.6	799.9	799.3	796.6	792.7	795.0	759.3	751.4
34.00	793.0	793.0	785.1	784.9	784.2	787.1	782.6	753.4	739.9
35.00	786.5	782.4	781.3	777.2	789.1	775.7	772.3	740.8	733.9
36.00	768.9	768.5	771.8	766.5	771.2	767.8	757.9	732.1	721.3
37.00	764.9	764.0	759.3	765.6	762.2	749.8	746.7	724.0	708.9
38.00	752.3	761.3	747.4	750.3	753.6	741.5	736.8	711.4	702.6
39.00	742.4	738.8	737.7	743.5	734.3	725.3	726.2	694.5	690.1
40.00	733.0	722.9	730.7	725.3	723.8	712.1	709.8	686.7	680.4
41.00	722.6	715.0	722.9	713.2	711.8	704.0	698.6	675.9	663.1
42.00	715.7	701.7	707.4	704.4	703.8	689.8	690.5	663.8	650.5
43.00	694.8	695.4	691.0	691.0	690.3	682.9	677.9	647.4	638.1
44.00	685.3	677.7	684.2	680.4	671.9	671.9	665.8	634.8	624.4
45.00	664.0	672.3	670.7	655.9	658.1	662.6	651.2	623.3	615.9
46.00	650.7	649.6	651.6	644.7	646.0	640.6	642.9	610.1	598.6
47.00	642.2	640.2	638.1	635.7	639.7	626.0	625.8	594.8	585.8
48.00	619.0	620.4	625.1	622.4	623.3	611.9	611.6	582.0	570.3
49.00	610.7	614.3	609.4	608.9	604.4	597.7	598.6	569.6	557.7
50.00	593.9	594.6	593.0	591.2	590.7	585.3	577.7	555.5	544.0
51.00	574.8	573.9	575.9	574.3	581.7	578.2	568.0	538.4	532.5
52.00	548.9	561.1	562.0	559.7	566.0	551.9	544.2	522.9	515.2
53.00	542.2	537.0	545.1	547.8	551.0	536.6	528.0	506.7	498.6
54.00	520.2	524.0	527.4	527.6	530.1	515.9	514.3	491.6	485.1
55.00	515.2	505.1	508.3	502.4	513.7	500.4	499.5	473.7	468.3
56.00	491.6	496.8	497.5	484.0	495.0	486.5	487.8	460.6	449.8
57.00	480.4	473.4	473.9	473.2	481.3	472.3	469.4	444.5	430.3
58.00	456.4	454.1	457.3	456.4	467.8	458.4	452.3	427.6	411.9
59.00	440.9	434.3	440.6	440.9	443.1	441.5	433.4	413.0	400.0
60.00	416.8	411.2	420.9	426.3	429.2	421.5	409.2	393.4	386.0
61.00	400.0	397.7	399.3	403.6	405.4	396.1	388.7	374.4	368.3
62.00	377.3	372.8	384.9	378.6	391.2	379.3	369.9	354.1	350.5
63.00	358.6	358.2	361.8	365.8	373.0	361.8	352.6	336.8	329.0
64.00	337.3	329.6	341.1	346.5	351.7	344.0	334.4	318.2	305.6
65.00	322.7	310.3	320.9	329.4	326.9	324.5	313.5	302.9	286.0
66.00	298.0	293.0	301.1	305.8	303.8	303.8	291.0	279.3	270.1
67.00	242.2	259.5	280.9	285.1	287.6	279.3	266.7	253.7	248.5
68.00	214.6	209.4	259.3	260.4	263.8	256.4	239.1	229.0	224.3

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-2#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W2700K 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	161.3	182.7	242.7	240.9	245.1	226.7	210.1	195.9	197.7
70.00	140.2	138.0	189.6	218.2	223.8	199.5	189.4	178.4	176.4
71.00	126.5	122.7	167.0	199.8	199.8	179.8	169.0	160.7	150.3
72.00	112.6	107.2	118.6	182.2	170.5	158.0	141.8	133.7	133.0
73.00	96.4	95.3	103.4	147.9	150.1	130.3	124.7	115.5	117.3
74.00	59.8	59.5	91.5	114.8	133.5	111.7	106.1	99.8	93.9
75.00	27.9	30.8	79.1	75.7	103.6	88.8	82.7	73.3	77.3
76.00	24.0	23.6	48.8	62.2	86.3	72.1	67.9	62.0	56.6
77.00	20.4	20.2	23.4	47.6	63.4	52.6	49.0	44.3	40.2
78.00	16.9	16.6	19.5	32.8	49.4	41.8	33.0	30.8	33.7
79.00	13.0	13.0	16.2	17.3	32.1	28.1	21.1	22.5	26.1
80.00	11.0	11.0	12.8	13.5	19.8	17.3	12.1	13.9	16.2
81.00	9.2	9.2	10.3	10.8	13.7	10.1	9.2	10.1	11.2
82.00	7.6	7.4	8.5	8.3	9.4	7.9	7.0	7.9	8.8
83.00	6.1	6.1	6.7	6.7	7.4	6.1	5.2	5.8	7.0
84.00	4.9	4.7	5.4	5.4	5.8	4.5	3.8	4.3	5.4
85.00	3.8	3.6	4.3	4.3	4.3	3.4	2.5	3.1	4.0
86.00	2.9	2.7	3.1	3.1	3.4	2.2	1.6	2.2	3.1
87.00	2.2	2.0	2.5	2.2	2.5	1.8	1.1	1.6	2.2
88.00	1.6	1.6	1.8	1.8	2.0	1.3	1.1	1.3	1.8
89.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.1	1.3
90.00	1.3	1.3	1.1	1.1	1.1	1.3	0.9	1.1	1.1
91.00	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
92.00	1.3	1.3	1.1	1.1	1.1	1.1	0.9	1.1	1.1
93.00	1.3	1.1	1.1	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	1.1	1.1	1.1
95.00	1.3	1.1	1.1	1.1	1.1	1.1	0.9	1.1	1.1
96.00	1.3	1.1	1.1	1.1	1.1	1.3	1.1	1.1	1.1
97.00	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1
98.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.1	1.1
99.00	1.3	1.3	1.3	1.3	1.3	1.1	1.1	1.1	1.1
100.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.1
101.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
102.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.1	1.3
103.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
104.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
105.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
106.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
107.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-2#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W2700K 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	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
109.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
110.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
111.00	1.6	1.6	1.3	1.3	1.3	1.6	1.3	1.3	1.3
112.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.3	1.3
113.00	1.6	1.6	1.3	1.6	1.3	1.6	1.3	1.3	1.6
114.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
115.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
116.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
117.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
118.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
119.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
120.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
121.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
122.00	1.6	1.8	1.6	1.6	1.6	1.6	1.6	1.6	1.6
123.00	1.8	1.8	1.6	1.6	1.6	1.8	1.6	1.6	1.6
124.00	1.8	1.8	1.8	1.8	1.6	1.8	1.6	1.6	1.8
125.00	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.6	1.8
126.00	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.8	1.8
127.00	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.8	1.8
128.00	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.8	1.8
129.00	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.8	1.8
130.00	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.8	1.8
131.00	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.8	1.8
132.00	2.0	1.8	1.8	1.8	2.0	1.8	1.8	1.8	1.8
133.00	2.0	2.0	2.0	2.0	1.8	2.0	1.8	1.8	2.0
134.00	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.8	2.0
135.00	2.0	2.0	2.0	2.0	2.0	2.0	1.8	2.0	2.0
136.00	2.0	2.0	2.0	2.0	2.0	2.0	1.8	2.0	2.0
137.00	2.0	2.0	2.0	2.0	2.0	2.0	1.8	2.0	2.0
138.00	2.0	2.0	2.0	2.0	2.0	2.0	1.8	2.0	2.0
139.00	2.0	2.0	2.0	2.0	2.0	2.0	1.8	2.0	2.0
140.00	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
141.00	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0
142.00	2.0	2.0	2.0	2.2	2.0	2.2	2.0	2.0	2.0
143.00	2.2	2.2	2.2	2.2	2.2	2.2	2.0	2.0	2.0
144.00	2.2	2.2	2.2	2.0	2.0	2.0	2.0	2.0	2.0
145.00	2.2	2.2	2.2	2.2	2.2	2.2	2.0	2.0	2.0
146.00	2.2	2.2	2.2	2.2	2.2	2.2	2.0	2.0	2.2

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-2#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W2700K 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	2.2	2.2	2.2	2.2	2.2	2.2	2.0	2.2	2.2
148.00	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
149.00	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
150.00	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
151.00	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
152.00	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
153.00	2.5	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
154.00	2.2	2.5	2.5	2.2	2.2	2.2	2.2	2.2	2.2
155.00	2.5	2.5	2.5	2.5	2.2	2.2	2.2	2.2	2.2
156.00	2.5	2.5	2.2	2.5	2.5	2.2	2.2	2.2	2.2
157.00	2.5	2.5	2.5	2.5	2.5	2.5	2.2	2.2	2.2
158.00	2.5	2.5	2.5	2.5	2.5	2.5	2.2	2.2	2.2
159.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.2	2.2
160.00	2.5	2.5	2.5	2.5	2.5	2.5	2.2	2.2	2.2
161.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.2	2.5
162.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
163.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.2	2.5
164.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
165.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
166.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
167.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
168.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
169.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
170.00	2.5	2.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5
171.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
172.00	2.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
173.00	2.7	2.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5
174.00	2.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
175.00	2.7	2.7	2.7	2.5	2.5	2.5	2.5	2.5	2.5
176.00	2.7	2.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5
177.00	2.7	2.5	2.5	2.7	2.5	2.5	2.5	2.5	2.5
178.00	2.7	2.7	2.5	2.7	2.5	2.5	2.5	2.5	2.5
179.00	2.7	2.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5
180.00	2.7	2.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5

G/C [cd]	135.00	150.00	165.00	180.00	195.00	210.00	225.00	240.00	255.00
0.00	927.3	932.1	934.1	954.5	950.5	954.8	948.5	952.1	951.2
1.00	929.4	932.3	935.0	951.2	951.8	943.7	947.6	955.9	955.0
2.00	928.5	932.5	934.5	958.3	950.9	964.9	952.7	945.8	948.0

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-2#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W2700K 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	927.3	925.1	932.3	957.9	952.3	946.7	944.6	943.7	950.7
4.00	922.4	924.0	929.1	949.1	954.5	951.6	948.0	953.2	953.4
5.00	921.5	923.7	921.9	950.3	950.9	950.3	943.5	941.0	951.4
6.00	919.5	918.3	919.9	952.1	941.0	942.4	950.0	949.4	939.5
7.00	912.7	916.8	917.7	938.6	948.7	946.9	937.2	946.7	943.3
8.00	909.8	914.1	914.3	941.3	943.1	937.7	933.0	942.4	943.3
9.00	904.4	909.6	910.9	935.2	939.0	941.7	929.8	938.1	931.2
10.00	905.5	904.2	908.9	935.4	935.7	930.3	928.9	926.0	942.4
11.00	900.1	899.9	902.4	931.4	926.0	928.2	936.1	930.7	927.1
12.00	894.8	897.2	897.5	922.4	930.3	933.6	925.8	932.7	930.0
13.00	893.0	892.7	892.5	927.8	921.3	919.0	926.2	913.2	922.8
14.00	886.4	887.6	888.9	919.7	911.8	906.9	916.8	915.7	921.9
15.00	882.6	881.9	883.5	910.7	920.8	912.3	918.6	904.0	901.0
16.00	873.0	877.9	879.0	903.3	897.0	904.6	901.3	906.2	913.6
17.00	872.1	871.6	872.5	911.4	909.4	899.2	900.6	906.9	907.3
18.00	867.3	866.4	864.0	888.9	890.3	894.3	903.7	910.3	893.9
19.00	860.2	860.8	855.9	893.0	885.5	885.5	882.8	898.8	898.6
20.00	853.0	852.3	851.4	877.7	881.9	879.0	879.3	886.9	902.2
21.00	848.5	843.3	843.1	874.8	879.7	875.9	871.8	879.9	882.2
22.00	840.2	835.9	835.7	867.1	863.5	876.1	875.4	877.0	882.8
23.00	828.0	831.6	832.3	861.7	857.0	857.0	865.8	872.7	877.9
24.00	815.4	827.8	824.6	855.7	862.4	854.3	856.6	860.4	864.4
25.00	813.9	814.8	815.7	849.8	855.9	846.2	853.0	855.7	870.7
26.00	803.1	810.3	805.3	843.1	844.0	845.1	845.8	854.8	853.4
27.00	794.8	804.7	798.4	834.8	831.8	829.6	830.9	838.8	846.0
28.00	786.5	794.1	792.1	828.0	823.5	834.3	845.8	833.0	831.2
29.00	778.1	782.0	780.8	816.3	817.9	820.6	826.2	820.6	827.8
30.00	771.6	774.1	773.9	810.0	805.1	807.8	813.9	810.5	808.9
31.00	762.6	762.0	764.0	802.0	799.5	799.5	797.9	801.1	801.5
32.00	748.9	751.4	753.0	798.4	794.8	781.3	792.7	795.0	795.2
33.00	741.3	739.7	742.4	780.8	779.0	772.5	778.6	782.6	782.9
34.00	734.8	730.1	731.6	764.2	770.0	769.1	778.4	771.2	782.0
35.00	718.8	720.8	720.8	767.4	756.1	756.6	751.6	759.0	763.3
36.00	709.2	711.8	711.8	753.0	742.4	757.0	744.4	744.7	750.9
37.00	701.1	700.6	701.3	744.4	741.7	729.4	740.8	738.1	751.6
38.00	690.1	686.9	691.0	728.3	728.0	726.9	729.6	732.7	739.5
39.00	677.5	677.2	680.2	720.4	717.5	710.5	714.1	716.6	725.3
40.00	666.0	664.4	668.0	706.9	702.4	702.9	708.5	708.9	710.7
41.00	652.8	652.5	655.7	700.6	695.9	699.0	694.3	697.2	693.0

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-2#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W2700K 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	642.0	640.6	644.0	688.9	684.2	687.6	679.9	678.1	684.2
43.00	629.2	627.4	631.0	677.7	677.7	666.5	667.1	668.0	674.8
44.00	615.9	615.5	618.8	670.7	660.6	663.5	656.1	655.0	662.4
45.00	603.8	606.7	601.1	650.3	655.5	645.3	646.7	643.5	648.5
46.00	590.5	593.0	586.0	638.4	638.8	628.5	639.9	628.0	635.5
47.00	573.2	577.0	571.6	628.0	624.9	617.7	620.8	615.2	620.4
48.00	555.2	562.6	553.0	619.0	606.2	607.4	609.4	601.7	608.9
49.00	545.1	548.3	534.1	597.3	592.1	596.1	586.2	591.2	590.7
50.00	528.7	533.9	512.8	584.0	589.4	578.6	581.3	580.2	577.7
51.00	513.9	515.2	486.5	576.4	571.6	565.8	565.8	554.1	566.5
52.00	504.7	494.3	463.3	551.2	552.1	551.6	544.7	540.4	551.4
53.00	491.2	473.9	443.8	538.8	536.4	535.9	533.0	523.8	531.4
54.00	472.3	449.0	424.7	517.3	518.6	518.4	513.0	510.7	514.6
55.00	456.4	429.6	409.2	491.9	493.2	502.7	498.8	495.0	501.3
56.00	438.8	406.5	389.2	474.3	481.8	480.0	482.2	475.7	485.8
57.00	419.5	388.1	368.5	457.7	460.0	464.9	463.1	462.7	472.8
58.00	397.0	370.1	352.6	438.6	441.3	439.3	446.3	440.6	448.7
59.00	376.1	348.3	335.5	419.7	423.8	420.2	430.1	431.0	436.4
60.00	352.3	330.5	317.5	402.2	404.2	402.0	415.0	412.3	417.0
61.00	325.6	313.7	301.1	373.2	387.6	383.3	397.3	390.5	400.4
62.00	310.3	295.9	282.7	313.7	351.9	367.2	377.3	371.4	374.4
63.00	290.1	279.3	263.1	275.5	290.1	345.6	357.7	348.3	359.1
64.00	271.0	260.9	234.4	255.3	260.2	311.0	333.7	331.9	335.7
65.00	251.2	241.8	186.5	200.2	241.1	257.5	311.7	315.5	313.5
66.00	232.1	220.7	170.3	171.0	185.4	227.6	297.1	293.7	299.1
67.00	217.5	178.6	160.7	161.8	164.9	203.4	273.7	275.0	279.1
68.00	197.5	152.1	148.5	150.1	153.5	153.9	252.3	254.6	258.4
69.00	176.4	138.4	139.3	139.3	143.6	138.6	203.1	232.6	240.0
70.00	152.1	128.8	128.3	127.6	131.7	129.4	170.8	214.1	203.1
71.00	118.4	116.8	99.1	107.2	119.3	116.8	145.2	194.8	178.6
72.00	106.3	106.5	69.4	71.5	82.5	105.2	108.1	158.6	161.8
73.00	93.5	76.2	29.4	29.7	59.1	89.0	97.7	137.5	138.2
74.00	76.8	54.2	24.5	23.6	24.7	56.4	89.0	111.0	111.9
75.00	65.2	24.0	21.8	20.7	21.3	23.6	74.8	76.6	98.0
76.00	40.9	15.3	19.8	18.7	19.1	19.3	58.0	58.4	71.9
77.00	22.0	18.7	17.8	16.6	17.1	17.1	33.3	42.2	62.0
78.00	18.7	16.4	15.5	14.2	15.1	15.1	16.4	34.6	42.9
79.00	14.2	14.4	13.5	12.1	13.3	13.0	14.2	25.6	30.6
80.00	11.9	12.1	11.2	10.1	10.8	10.8	11.9	15.3	20.0

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-2#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W2700K 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	10.1	10.1	9.7	8.8	9.2	9.0	9.9	9.9	11.9
82.00	8.1	8.3	8.5	7.2	7.6	7.4	8.1	7.9	8.8
83.00	6.5	6.7	7.2	5.8	6.3	5.8	6.5	6.3	6.7
84.00	5.2	5.6	7.0	4.7	4.9	4.7	5.2	4.7	4.9
85.00	4.0	4.3	5.6	3.8	3.8	3.6	4.0	3.6	3.8
86.00	3.1	3.4	4.0	2.9	2.9	2.7	2.9	2.7	2.9
87.00	2.2	2.7	2.5	2.0	2.2	2.0	2.2	2.0	2.0
88.00	1.8	2.0	2.0	1.6	1.6	1.6	1.6	1.6	1.6
89.00	1.3	1.6	1.6	1.3	1.3	1.1	1.1	1.1	1.1
90.00	1.1	1.3	1.3	0.9	1.1	0.9	0.9	0.9	0.9
91.00	1.1	1.1	1.1	0.9	0.9	1.1	0.9	0.9	0.9
92.00	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.9	0.9
93.00	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.9	0.9
94.00	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.9
95.00	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.9	0.9
96.00	1.1	1.1	1.1	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	1.1	1.1	1.1
98.00	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
99.00	1.3	1.3	1.3	1.1	1.1	1.1	1.3	1.1	1.1
100.00	1.1	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1
101.00	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1
102.00	1.3	1.3	1.3	1.1	1.1	1.3	1.1	1.1	1.1
103.00	1.3	1.3	1.3	1.1	1.1	1.3	1.1	1.1	1.1
104.00	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1
105.00	1.3	1.3	1.3	1.1	1.3	1.1	1.1	1.1	1.1
106.00	1.3	1.3	1.3	1.1	1.3	1.1	1.1	1.1	1.1
107.00	1.3	1.3	1.3	1.3	1.1	1.3	1.3	1.1	1.1
108.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.1
109.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3
110.00	1.3	1.6	1.6	1.3	1.3	1.3	1.3	1.3	1.3
111.00	1.3	1.6	1.6	1.3	1.3	1.3	1.3	1.3	1.3
112.00	1.6	1.6	1.6	1.3	1.3	1.3	1.3	1.3	1.3
113.00	1.6	1.6	1.6	1.3	1.3	1.3	1.3	1.3	1.3
114.00	1.6	1.6	1.6	1.3	1.3	1.3	1.3	1.3	1.3
115.00	1.6	1.6	1.6	1.3	1.3	1.3	1.3	1.3	1.3
116.00	1.6	1.6	1.6	1.3	1.3	1.3	1.3	1.3	1.3
117.00	1.6	1.6	1.6	1.3	1.3	1.3	1.3	1.3	1.3
118.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.3	1.3
119.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.3	1.3

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-2#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W2700K 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	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3
121.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
122.00	1.6	1.6	1.8	1.6	1.6	1.6	1.6	1.6	1.6
123.00	1.8	1.8	1.8	1.6	1.6	1.6	1.6	1.6	1.6
124.00	1.8	1.8	1.8	1.6	1.6	1.6	1.6	1.6	1.6
125.00	1.8	1.8	1.8	1.6	1.6	1.6	1.6	1.6	1.6
126.00	1.8	1.8	1.8	1.6	1.6	1.6	1.6	1.6	1.6
127.00	1.8	1.8	1.8	1.6	1.6	1.6	1.6	1.6	1.6
128.00	1.8	1.8	1.8	1.6	1.6	1.8	1.6	1.6	1.6
129.00	1.8	1.8	1.8	1.6	1.6	1.8	1.6	1.6	1.6
130.00	1.8	2.0	1.8	1.8	1.8	1.8	1.6	1.8	1.8
131.00	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.6	1.8
132.00	1.8	2.0	2.0	1.8	1.8	1.8	1.8	1.8	1.8
133.00	2.0	2.1	2.0	1.8	1.8	1.8	1.8	1.8	1.8
134.00	2.0	2.0	2.0	1.8	1.8	1.8	1.8	1.8	1.8
135.00	2.0	2.0	2.0	2.0	1.8	1.8	1.8	1.8	1.8
136.00	2.0	2.0	2.0	2.0	1.8	1.8	1.8	1.8	1.8
137.00	2.0	2.0	2.0	2.0	2.0	1.8	1.8	1.8	1.8
138.00	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8
139.00	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
140.00	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
141.00	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
142.00	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0
143.00	2.0	2.2	2.2	2.0	2.0	2.0	2.0	2.0	2.0
144.00	2.2	2.2	2.2	2.0	2.0	2.0	2.0	2.0	2.0
145.00	2.0	2.2	2.2	2.2	2.0	2.0	2.0	2.0	2.0
146.00	2.2	2.2	2.2	2.0	2.2	2.0	2.0	2.0	2.0
147.00	2.2	2.2	2.2	2.2	2.0	2.0	2.2	2.2	2.0
148.00	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
149.00	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
150.00	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
151.00	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
152.00	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
153.00	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
154.00	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
155.00	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
156.00	2.2	2.2	2.2	2.5	2.2	2.2	2.2	2.2	2.2
157.00	2.2	2.2	2.5	2.5	2.5	2.2	2.2	2.2	2.2
158.00	2.2	2.2	2.5	2.5	2.5	2.5	2.5	2.5	2.2

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-2#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W2700K 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	2.2	2.2	2.5	2.5	2.5	2.5	2.5	2.2	2.2
160.00	2.2	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
161.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
162.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
163.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
164.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
165.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
166.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
167.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
168.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
169.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
170.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
171.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
172.00	2.5	2.5	2.5	2.7	2.5	2.5	2.5	2.5	2.5
173.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
174.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
175.00	2.5	2.5	2.5	2.5	2.7	2.5	2.5	2.5	2.5
176.00	2.5	2.5	2.5	2.7	2.5	2.5	2.5	2.5	2.5
177.00	2.5	2.5	2.5	2.7	2.7	2.7	2.7	2.5	2.5
178.00	2.5	2.5	2.5	2.7	2.5	2.5	2.5	2.5	2.5
179.00	2.5	2.5	2.5	2.7	2.5	2.7	2.5	2.5	2.5
180.00	2.5	2.5	2.5	2.7	2.7	2.7	2.7	2.5	2.5

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
0.00	948.0	928.7	928.2	927.3	932.1	934.1
1.00	945.3	924.4	919.0	929.4	930.3	933.0
2.00	948.0	926.4	928.7	929.8	931.8	932.7
3.00	950.5	922.4	918.6	930.3	930.3	930.5
4.00	944.0	922.8	925.3	922.4	929.1	931.4
5.00	944.0	920.1	922.8	927.6	927.3	932.3
6.00	937.7	927.3	925.5	922.6	927.8	932.7
7.00	943.3	919.0	917.2	922.4	925.8	929.1
8.00	942.6	918.3	915.7	924.0	926.0	931.4
9.00	936.3	913.0	916.8	919.0	926.7	927.6
10.00	935.9	911.8	909.1	918.3	922.6	926.0
11.00	933.4	907.3	913.0	914.3	920.8	925.1
12.00	924.4	907.6	909.8	916.1	914.5	924.6
13.00	923.3	905.8	908.7	915.0	916.8	919.2
14.00	918.8	898.6	902.2	907.3	912.7	917.0

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-2#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W2700K 120V60Hz-
2#(liang.jiancheng) / C-Plane measurement

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
15.00	914.1	896.6	902.6	905.8	912.5	911.4
16.00	909.4	890.7	903.1	904.9	909.1	910.0
17.00	908.9	885.8	894.8	904.6	903.1	906.0
18.00	900.6	885.1	891.8	898.4	895.2	902.6
19.00	897.9	881.9	886.0	891.6	893.2	899.2
20.00	891.8	875.2	883.7	885.8	893.6	890.9
21.00	884.0	868.9	871.4	883.7	884.4	887.1
22.00	879.0	868.2	873.6	878.8	884.0	882.2
23.00	874.1	857.0	861.5	872.3	878.1	879.0
24.00	862.2	851.8	857.0	866.7	873.2	874.3
25.00	861.3	844.2	849.1	858.8	863.5	870.5
26.00	852.5	837.2	842.6	856.1	860.2	861.3
27.00	842.2	825.5	830.7	849.6	851.8	857.9
28.00	835.9	818.6	825.8	837.5	844.4	848.7
29.00	820.6	817.9	817.5	831.8	841.1	839.5
30.00	817.0	803.8	810.9	822.9	832.1	831.2
31.00	808.9	798.8	802.9	817.5	823.8	823.5
32.00	799.0	786.7	790.9	805.5	815.2	817.9
33.00	790.0	778.4	784.9	800.2	804.7	805.3
34.00	779.5	768.2	774.5	791.6	798.1	799.0
35.00	770.5	761.1	766.2	784.0	786.5	787.3
36.00	757.5	753.9	759.0	771.2	774.1	778.4
37.00	748.3	740.4	749.2	758.8	764.0	768.2
38.00	731.6	734.8	739.9	751.8	754.5	758.1
39.00	724.9	720.6	731.4	741.7	742.2	747.6
40.00	711.6	704.4	718.4	729.4	734.1	735.2
41.00	700.2	698.4	706.9	717.0	721.3	722.9
42.00	689.6	688.0	693.9	708.5	711.6	709.2
43.00	679.5	677.7	683.3	691.6	696.1	697.5
44.00	664.0	660.2	672.1	678.4	680.4	682.9
45.00	654.8	646.2	663.1	668.9	670.7	670.7
46.00	637.9	636.8	644.9	652.8	656.6	657.7
47.00	621.3	623.3	631.6	641.3	640.2	641.5
48.00	610.1	608.5	614.1	628.3	628.9	626.7
49.00	599.3	596.8	607.1	613.7	613.7	613.7
50.00	581.5	582.6	587.1	601.1	600.6	604.2
51.00	564.0	566.9	578.2	582.9	584.0	588.5
52.00	547.6	552.1	559.7	566.5	567.6	569.4
53.00	532.8	537.5	550.5	552.3	552.8	552.1

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-2#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W2700K 120V60Hz-
2#(liang.jiancheng) / C-Plane measurement

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
54.00	521.5	521.8	527.4	537.3	539.5	539.7
55.00	503.1	505.4	513.4	520.9	520.0	525.3
56.00	484.9	489.6	497.3	502.0	503.3	507.4
57.00	470.1	475.0	480.0	488.0	483.6	491.4
58.00	453.2	457.3	461.8	471.4	469.2	473.4
59.00	432.3	439.5	444.5	455.0	451.4	452.8
60.00	415.7	419.3	423.1	437.7	434.1	433.4
61.00	394.8	405.8	405.4	417.9	413.4	415.5
62.00	378.8	388.7	388.1	399.7	393.9	394.6
63.00	360.2	366.5	368.3	382.9	374.6	373.5
64.00	339.5	346.7	346.9	362.2	355.3	353.2
65.00	319.7	328.3	328.1	341.8	334.6	335.5
66.00	301.5	306.3	309.9	321.8	314.4	315.5
67.00	281.5	280.2	289.6	301.3	290.8	272.6
68.00	263.6	260.0	269.2	282.2	273.7	227.4
69.00	225.1	235.3	243.4	260.4	238.0	191.9
70.00	198.6	205.8	219.3	239.1	196.2	153.2
71.00	179.8	187.0	193.2	217.3	156.6	141.6
72.00	159.5	168.1	172.3	195.5	127.0	128.8
73.00	129.4	135.3	153.2	156.2	114.8	114.6
74.00	115.0	119.1	124.5	125.8	101.1	73.0
75.00	90.6	97.7	106.1	85.8	79.1	36.0
76.00	74.8	78.4	85.4	73.3	45.2	26.3
77.00	54.2	58.2	65.4	56.2	23.1	21.6
78.00	44.5	47.0	40.2	39.3	19.1	16.2
79.00	30.3	31.0	28.1	20.0	14.2	12.1
80.00	17.8	18.9	18.9	13.9	10.3	10.1
81.00	10.6	10.3	10.8	10.3	8.5	8.3
82.00	8.3	8.3	7.6	7.4	6.7	6.7
83.00	6.3	6.1	5.6	5.8	5.4	5.4
84.00	4.7	4.5	4.5	4.7	4.3	4.3
85.00	3.6	3.4	3.4	3.6	3.1	3.1
86.00	2.5	2.5	2.5	2.7	2.5	2.5
87.00	1.8	1.8	1.8	2.0	1.8	1.8
88.00	1.3	1.3	1.3	1.3	1.3	1.3
89.00	1.3	1.1	1.1	1.1	0.9	1.1
90.00	1.3	0.9	0.9	0.9	0.9	0.9
91.00	1.1	0.9	0.9	0.9	0.9	0.9
92.00	1.1	0.9	0.9	0.9	0.9	0.9

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-2#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W2700K 120V60Hz-
2#(liang.jiancheng) / C-Plane measurement

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
93.00	1.3	0.9	0.9	0.9	0.9	0.9
94.00	1.3	0.9	0.9	0.9	0.9	0.9
95.00	1.3	0.9	0.9	0.9	0.9	0.9
96.00	1.3	0.9	0.9	0.9	0.9	0.9
97.00	1.3	0.9	0.9	0.9	0.9	0.9
98.00	1.3	0.9	0.9	0.9	0.9	0.9
99.00	1.3	0.9	0.9	0.9	0.9	0.9
100.00	1.3	1.1	0.9	0.9	0.9	0.9
101.00	1.3	1.1	1.1	0.9	0.9	0.9
102.00	1.3	0.9	1.1	0.9	0.9	0.9
103.00	1.3	1.1	1.1	1.1	1.1	1.1
104.00	1.3	1.1	1.1	1.1	1.1	1.1
105.00	1.3	1.1	1.1	1.1	1.1	1.1
106.00	1.3	1.1	1.1	1.1	1.1	1.1
107.00	1.3	1.1	1.1	1.1	1.1	1.1
108.00	1.3	1.1	1.1	1.1	1.1	1.1
109.00	1.3	1.1	1.1	1.1	1.1	1.1
110.00	1.3	1.1	1.1	1.1	1.1	1.1
111.00	1.6	1.1	1.1	1.1	1.1	1.1
112.00	1.6	1.1	1.1	1.1	1.1	1.1
113.00	1.6	1.1	1.1	1.1	1.1	1.1
114.00	1.6	1.3	1.3	1.1	1.1	1.1
115.00	1.6	1.3	1.3	1.1	1.1	1.3
116.00	1.6	1.3	1.3	1.3	1.3	1.3
117.00	1.6	1.3	1.3	1.3	1.3	1.3
118.00	1.6	1.3	1.3	1.3	1.3	1.3
119.00	1.6	1.3	1.3	1.3	1.3	1.3
120.00	1.6	1.3	1.3	1.3	1.3	1.3
121.00	1.6	1.3	1.3	1.3	1.3	1.3
122.00	1.6	1.3	1.3	1.3	1.3	1.3
123.00	1.8	1.3	1.3	1.3	1.3	1.3
124.00	1.8	1.3	1.3	1.3	1.3	1.3
125.00	1.8	1.6	1.3	1.3	1.3	1.6
126.00	1.8	1.6	1.6	1.3	1.3	1.6
127.00	1.8	1.6	1.6	1.3	1.6	1.6
128.00	1.8	1.6	1.6	1.6	1.6	1.6
129.00	1.8	1.6	1.6	1.6	1.6	1.6
130.00	2.0	1.6	1.6	1.6	1.6	1.6
131.00	1.8	1.6	1.6	1.6	1.6	1.6

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-2#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W2700K 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	1.6	1.6	1.6	1.6	1.6
133.00	2.0	1.6	1.6	1.6	1.6	1.6
134.00	2.0	1.6	1.6	1.6	1.6	1.6
135.00	2.0	1.8	1.8	1.6	1.6	1.6
136.00	2.0	1.8	1.8	1.8	1.8	1.6
137.00	2.0	1.8	1.8	1.8	1.8	1.8
138.00	2.0	1.8	1.8	1.8	1.8	1.8
139.00	2.0	1.8	1.8	1.8	1.8	1.8
140.00	2.0	1.8	1.8	1.8	1.8	1.8
141.00	2.0	1.8	1.8	1.8	1.8	1.8
142.00	2.0	1.8	1.8	1.8	1.8	1.8
143.00	2.2	1.8	1.8	1.8	1.8	1.8
144.00	2.2	1.8	2.0	1.8	1.8	1.8
145.00	2.2	2.0	2.0	2.0	2.0	2.0
146.00	2.2	2.0	2.0	2.0	2.0	2.0
147.00	2.2	2.0	2.0	2.0	2.0	2.0
148.00	2.2	2.0	2.0	2.0	2.0	2.0
149.00	2.2	2.0	2.0	2.0	2.0	2.0
150.00	2.2	2.0	2.0	2.0	2.0	2.0
151.00	2.2	2.0	2.0	2.0	2.0	2.0
152.00	2.2	2.2	2.0	2.0	2.0	2.0
153.00	2.2	2.2	2.0	2.0	2.0	2.0
154.00	2.2	2.0	2.2	2.2	2.2	2.2
155.00	2.2	2.2	2.2	2.2	2.2	2.2
156.00	2.5	2.2	2.2	2.2	2.2	2.2
157.00	2.5	2.2	2.2	2.2	2.2	2.2
158.00	2.5	2.2	2.2	2.2	2.2	2.2
159.00	2.5	2.2	2.2	2.2	2.2	2.2
160.00	2.5	2.2	2.2	2.2	2.2	2.2
161.00	2.5	2.2	2.2	2.2	2.2	2.2
162.00	2.5	2.2	2.2	2.2	2.2	2.2
163.00	2.5	2.2	2.2	2.2	2.2	2.2
164.00	2.5	2.2	2.2	2.2	2.2	2.2
165.00	2.5	2.2	2.2	2.2	2.2	2.2
166.00	2.5	2.2	2.2	2.5	2.2	2.2
167.00	2.5	2.2	2.2	2.2	2.2	2.5
168.00	2.5	2.2	2.2	2.2	2.2	2.5
169.00	2.5	2.2	2.2	2.5	2.5	2.5
170.00	2.5	2.5	2.5	2.5	2.5	2.5

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-2#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W2700K 120V60Hz-
2#(liang.jiancheng) / C-Plane measurement

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
171.00	2.5	2.5	2.5	2.5	2.5	2.5
172.00	2.5	2.5	2.5	2.5	2.5	2.5
173.00	2.5	2.5	2.5	2.5	2.5	2.5
174.00	2.5	2.5	2.5	2.5	2.5	2.5
175.00	2.5	2.5	2.5	2.5	2.5	2.5
176.00	2.5	2.5	2.5	2.5	2.5	2.5
177.00	2.5	2.5	2.5	2.5	2.5	2.5
178.00	2.5	2.5	2.5	2.5	2.5	2.5
179.00	2.5	2.5	2.5	2.5	2.5	2.5
180.00	2.5	2.5	2.5	2.5	2.5	2.5

LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	Decostar C15 G1 180			
Name:	24090462_2500476_fanguangdeng30W2700K 120V60Hz-2#(liang.jiancheng)			
Meas.-no.:	2			
Flux:	2543.72 lm		Operator:	Terry Huang
Comment:	UI=120.02V II=0.261A WI=28.3W PF=0.904			
Maximum intensity:	965.761 cd			

Zonal flux 24090462_2500476_fanguangdeng30W2700K 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	364.6	375.3	370.5	0.00	0.00	0.00	0.00
1.0	361.3	379.7	370.5	0.90	0.90	0.04	0.04
2.0	364.2	379.3	370.5	2.71	3.61	0.11	0.14
3.0	361.1	376.6	369.8	4.50	8.11	0.18	0.32
4.0	361.6	375.5	369.5	6.29	14.41	0.25	0.57
5.0	361.7	375.9	368.9	8.08	22.49	0.32	0.88
6.0	360.2	374.3	368.2	9.85	32.34	0.39	1.27
7.0	358.8	374.9	367.2	11.61	43.95	0.46	1.73
8.0	357.3	374.5	366.5	13.36	57.31	0.53	2.25
9.0	355.5	372.6	365.2	15.08	72.39	0.59	2.85
10.0	355.5	373.6	364.2	16.79	89.19	0.66	3.51
11.0	353.8	370.2	362.7	18.48	107.66	0.73	4.23
12.0	351.8	369.8	361.8	20.14	127.81	0.79	5.02
13.0	350.9	369.9	360.6	21.81	149.61	0.86	5.88
14.0	348.5	367.7	358.4	23.41	173.02	0.92	6.80
15.0	346.7	364.1	356.6	24.97	197.99	0.98	7.78
16.0	343.2	363.9	355.1	26.53	224.52	1.04	8.83
17.0	342.7	362.6	353.6	28.07	252.60	1.10	9.93
18.0	339.6	357.8	351.2	29.56	282.16	1.16	11.09
19.0	336.5	357.1	348.9	30.99	313.14	1.22	12.31
20.0	334.7	354.8	346.5	32.38	345.52	1.27	13.58
21.0	331.4	351.0	343.7	33.71	379.23	1.33	14.91
22.0	328.5	350.9	342.3	35.06	414.29	1.38	16.29
23.0	325.5	347.2	339.2	36.37	450.66	1.43	17.72
24.0	320.6	346.2	337.1	37.61	488.28	1.48	19.20
25.0	320.0	342.3	334.2	38.83	527.11	1.53	20.72

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-2#(liang.jiancheng)

Zonal flux 24090462_2500476_fanguangdeng30W2700K 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	315.7	338.9	331.7	39.98	567.09	1.57	22.29
27.0	312.4	337.3	328.2	41.07	608.15	1.61	23.91
28.0	309.2	335.1	325.7	42.11	650.27	1.66	25.56
29.0	305.9	330.6	321.8	43.09	693.36	1.69	27.26
30.0	303.3	327.8	318.5	43.97	737.33	1.73	28.99
31.0	299.5	323.8	314.8	44.83	782.16	1.76	30.75
32.0	294.4	321.5	311.5	45.65	827.81	1.79	32.54
33.0	290.8	318.3	307.5	46.39	874.20	1.82	34.37
34.0	287.0	314.1	303.8	47.06	921.26	1.85	36.22
35.0	282.6	310.2	299.9	47.69	968.95	1.87	38.09
36.0	278.8	306.0	295.6	48.23	1017.18	1.90	39.99
37.0	275.4	302.0	291.9	48.74	1065.93	1.92	41.90
38.0	270.0	299.3	288.0	49.24	1115.17	1.94	43.84
39.0	266.2	293.9	283.1	49.58	1164.75	1.95	45.79
40.0	261.2	289.0	278.4	49.81	1214.56	1.96	47.75
41.0	256.5	284.2	274.1	50.05	1264.60	1.97	49.71
42.0	251.8	281.3	269.6	50.25	1314.85	1.98	51.69
43.0	246.6	274.2	264.6	50.33	1365.19	1.98	53.67
44.0	242.0	269.4	259.7	50.33	1415.52	1.98	55.65
45.0	236.3	264.3	254.7	50.29	1465.81	1.98	57.62
46.0	230.4	258.6	249.0	50.11	1515.91	1.97	59.59
47.0	224.7	252.5	243.7	49.84	1565.76	1.96	61.55
48.0	217.4	247.3	237.9	49.53	1615.28	1.95	63.50
49.0	210.0	241.5	232.5	49.15	1664.43	1.93	65.43
50.0	201.6	237.5	226.9	48.72	1713.15	1.92	67.35
51.0	191.2	231.4	220.8	48.17	1761.33	1.89	69.24
52.0	182.1	223.8	213.7	47.43	1808.75	1.86	71.11
53.0	174.5	217.3	207.7	46.63	1855.38	1.83	72.94
54.0	167.0	212.2	200.9	45.80	1901.19	1.80	74.74
55.0	160.9	206.5	194.1	44.85	1946.04	1.76	76.50
56.0	153.0	199.5	187.5	43.87	1989.91	1.72	78.23
57.0	144.9	193.2	180.9	42.85	2032.76	1.68	79.91
58.0	138.6	186.1	173.7	41.71	2074.47	1.64	81.55
59.0	131.9	178.9	166.8	40.49	2114.96	1.59	83.14
60.0	124.8	172.1	159.4	39.20	2154.17	1.54	84.69

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-2#(liang.jiancheng)

Zonal flux 24090462_2500476_fanguangdeng30W2700K 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	118.4	164.3	151.7	37.76	2191.93	1.48	86.17
62.0	111.1	157.1	143.3	36.15	2228.08	1.42	87.59
63.0	103.4	150.5	134.8	34.41	2262.49	1.35	88.94
64.0	92.1	142.4	126.2	32.59	2295.07	1.28	90.23
65.0	73.3	134.4	117.0	30.62	2325.70	1.20	91.43
66.0	67.0	126.5	108.3	28.60	2354.29	1.12	92.55
67.0	63.2	118.5	98.8	26.50	2380.79	1.04	93.59
68.0	58.4	110.9	89.3	24.25	2405.03	0.95	94.55
69.0	54.4	102.4	79.4	21.90	2426.93	0.86	95.41
70.0	50.2	94.0	69.6	19.47	2446.41	0.77	96.17
71.0	39.0	85.4	61.4	17.23	2463.63	0.68	96.85
72.0	27.3	76.9	52.1	15.00	2478.64	0.59	97.44
73.0	11.6	61.4	43.2	12.67	2491.30	0.50	97.94
74.0	9.3	52.5	34.4	10.37	2501.68	0.41	98.35
75.0	8.1	41.7	25.6	8.06	2509.74	0.32	98.66
76.0	6.0	33.9	19.8	6.12	2515.86	0.24	98.90
77.0	6.5	25.7	14.5	4.65	2520.52	0.18	99.09
78.0	5.6	19.4	11.0	3.47	2523.99	0.14	99.22
79.0	4.8	12.6	7.8	2.56	2526.55	0.10	99.33
80.0	4.0	7.9	5.4	1.81	2528.36	0.07	99.40
81.0	3.3	5.4	4.0	1.29	2529.66	0.05	99.45
82.0	2.7	3.7	3.1	0.97	2530.63	0.04	99.49
83.0	2.0	2.9	2.5	0.77	2531.40	0.03	99.52
84.0	1.5	2.7	1.9	0.61	2532.01	0.02	99.54
85.0	1.0	2.2	1.5	0.47	2532.48	0.02	99.56
86.0	0.6	1.6	1.1	0.36	2532.84	0.01	99.57
87.0	0.4	1.1	0.8	0.27	2533.10	0.01	99.58
88.0	0.4	0.8	0.6	0.20	2533.30	0.01	99.59
89.0	0.4	0.6	0.5	0.15	2533.46	0.01	99.60
90.0	0.4	0.5	0.4	0.13	2533.59	0.01	99.60
91.0	0.4	0.5	0.4	0.12	2533.70	0.00	99.61
92.0	0.4	0.5	0.4	0.12	2533.82	0.00	99.61
93.0	0.4	0.5	0.4	0.12	2533.93	0.00	99.62
94.0	0.4	0.5	0.4	0.12	2534.05	0.00	99.62
95.0	0.4	0.5	0.4	0.12	2534.17	0.00	99.62

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-2#(liang.jiancheng)

Zonal flux 24090462_2500476_fanguangdeng30W2700K 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	0.12	2534.29	0.00	99.63
97.0	0.4	0.5	0.4	0.12	2534.41	0.00	99.63
98.0	0.4	0.5	0.4	0.12	2534.53	0.00	99.64
99.0	0.4	0.5	0.5	0.13	2534.66	0.00	99.64
100.0	0.4	0.5	0.5	0.13	2534.78	0.00	99.65
101.0	0.4	0.5	0.5	0.13	2534.91	0.01	99.65
102.0	0.4	0.5	0.5	0.13	2535.04	0.01	99.66
103.0	0.4	0.5	0.5	0.13	2535.17	0.01	99.66
104.0	0.4	0.5	0.5	0.13	2535.30	0.01	99.67
105.0	0.4	0.5	0.5	0.13	2535.44	0.01	99.67
106.0	0.4	0.5	0.5	0.13	2535.57	0.01	99.68
107.0	0.4	0.5	0.5	0.13	2535.70	0.01	99.68
108.0	0.4	0.5	0.5	0.13	2535.83	0.01	99.69
109.0	0.4	0.5	0.5	0.13	2535.97	0.01	99.70
110.0	0.4	0.6	0.5	0.13	2536.10	0.01	99.70
111.0	0.4	0.6	0.5	0.14	2536.24	0.01	99.71
112.0	0.4	0.6	0.5	0.14	2536.38	0.01	99.71
113.0	0.4	0.6	0.5	0.14	2536.52	0.01	99.72
114.0	0.4	0.6	0.6	0.14	2536.66	0.01	99.72
115.0	0.4	0.6	0.6	0.14	2536.80	0.01	99.73
116.0	0.5	0.6	0.6	0.14	2536.95	0.01	99.73
117.0	0.5	0.6	0.6	0.14	2537.09	0.01	99.74
118.0	0.5	0.6	0.6	0.14	2537.23	0.01	99.75
119.0	0.5	0.6	0.6	0.14	2537.38	0.01	99.75
120.0	0.5	0.6	0.6	0.14	2537.52	0.01	99.76
121.0	0.5	0.6	0.6	0.14	2537.66	0.01	99.76
122.0	0.5	0.7	0.6	0.14	2537.81	0.01	99.77
123.0	0.5	0.7	0.6	0.15	2537.95	0.01	99.77
124.0	0.5	0.7	0.6	0.15	2538.10	0.01	99.78
125.0	0.5	0.7	0.6	0.15	2538.25	0.01	99.78
126.0	0.5	0.7	0.7	0.15	2538.40	0.01	99.79
127.0	0.5	0.7	0.7	0.15	2538.54	0.01	99.80
128.0	0.6	0.7	0.7	0.15	2538.69	0.01	99.80
129.0	0.6	0.7	0.7	0.15	2538.83	0.01	99.81
130.0	0.6	0.8	0.7	0.15	2538.98	0.01	99.81

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-2#(liang.jiancheng)

Zonal flux 24090462_2500476_fanguangdeng30W2700K 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	0.7	0.7	0.14	2539.13	0.01	99.82
132.0	0.6	0.8	0.7	0.14	2539.27	0.01	99.83
133.0	0.6	0.8	0.7	0.15	2539.42	0.01	99.83
134.0	0.6	0.8	0.7	0.15	2539.56	0.01	99.84
135.0	0.6	0.8	0.7	0.15	2539.71	0.01	99.84
136.0	0.6	0.8	0.8	0.15	2539.86	0.01	99.85
137.0	0.7	0.8	0.8	0.14	2540.00	0.01	99.85
138.0	0.7	0.8	0.8	0.14	2540.15	0.01	99.86
139.0	0.7	0.8	0.8	0.14	2540.29	0.01	99.87
140.0	0.7	0.8	0.8	0.14	2540.43	0.01	99.87
141.0	0.7	0.9	0.8	0.14	2540.57	0.01	99.88
142.0	0.7	0.9	0.8	0.14	2540.70	0.01	99.88
143.0	0.7	0.9	0.8	0.14	2540.84	0.01	99.89
144.0	0.7	0.9	0.8	0.13	2540.97	0.01	99.89
145.0	0.8	0.9	0.8	0.13	2541.11	0.01	99.90
146.0	0.8	0.9	0.8	0.13	2541.24	0.01	99.90
147.0	0.8	0.9	0.9	0.13	2541.37	0.01	99.91
148.0	0.8	0.9	0.9	0.13	2541.50	0.01	99.91
149.0	0.8	0.9	0.9	0.13	2541.62	0.00	99.92
150.0	0.8	0.9	0.9	0.12	2541.74	0.00	99.92
151.0	0.8	0.9	0.9	0.12	2541.86	0.00	99.93
152.0	0.8	0.9	0.9	0.12	2541.98	0.00	99.93
153.0	0.8	1.0	0.9	0.11	2542.09	0.00	99.94
154.0	0.8	1.0	0.9	0.11	2542.20	0.00	99.94
155.0	0.9	1.0	0.9	0.11	2542.31	0.00	99.94
156.0	0.9	1.0	0.9	0.10	2542.41	0.00	99.95
157.0	0.9	1.0	0.9	0.10	2542.51	0.00	99.95
158.0	0.9	1.0	0.9	0.10	2542.61	0.00	99.96
159.0	0.9	1.0	0.9	0.10	2542.71	0.00	99.96
160.0	0.9	1.0	0.9	0.09	2542.80	0.00	99.96
161.0	0.9	1.0	0.9	0.09	2542.89	0.00	99.97
162.0	0.9	1.0	1.0	0.08	2542.97	0.00	99.97
163.0	0.9	1.0	0.9	0.08	2543.05	0.00	99.97
164.0	0.9	1.0	1.0	0.08	2543.13	0.00	99.98
165.0	0.9	1.0	1.0	0.07	2543.20	0.00	99.98

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-2#(liang.jiancheng)

Zonal flux 24090462_2500476_fanguangdeng30W2700K 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	0.07	2543.26	0.00	99.98
167.0	0.9	1.0	1.0	0.06	2543.33	0.00	99.98
168.0	0.9	1.0	1.0	0.06	2543.38	0.00	99.99
169.0	0.9	1.0	1.0	0.05	2543.44	0.00	99.99
170.0	1.0	1.1	1.0	0.05	2543.49	0.00	99.99
171.0	1.0	1.0	1.0	0.04	2543.53	0.00	99.99
172.0	1.0	1.1	1.0	0.04	2543.57	0.00	99.99
173.0	1.0	1.1	1.0	0.04	2543.61	0.00	100.00
174.0	1.0	1.1	1.0	0.03	2543.64	0.00	100.00
175.0	1.0	1.1	1.0	0.03	2543.66	0.00	100.00
176.0	1.0	1.1	1.0	0.02	2543.69	0.00	100.00
177.0	1.0	1.1	1.0	0.02	2543.70	0.00	100.00
178.0	1.0	1.1	1.0	0.01	2543.71	0.00	100.00
179.0	1.0	1.1	1.0	0.01	2543.72	0.00	100.00
180.0	1.0	1.1	1.0	0.00	2543.72	0.00	100.00

LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	Decostar C15 G1 180			
Name:	24090462_2500476_fanguangdeng30W2700K 120V60Hz-2#(liang.jiancheng)			
Meas.-no.:	2			
Flux:	2543.72 lm		Operator:	Terry Huang
Comment:	UI=120.02V II=0.261A WI=28.3W PF=0.904			
Maximum intensity:	965.761 cd			

Protocol

LiTG-class:	A42									
UTE-class:	1.00 D									
IES-class:	51 - 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:						113.1°		112.3°		
Half peak side angle (left):						-56.5°		-55.5°		
Half peak side angle (right):						56.6°		56.8°		
One tenth peak divergence:						149.3°		144.3°		
Tenth peak side angle (left):						-74.8°		-71.3°		
Tenth peak side angle (right):						74.5°		73.0°		
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°									