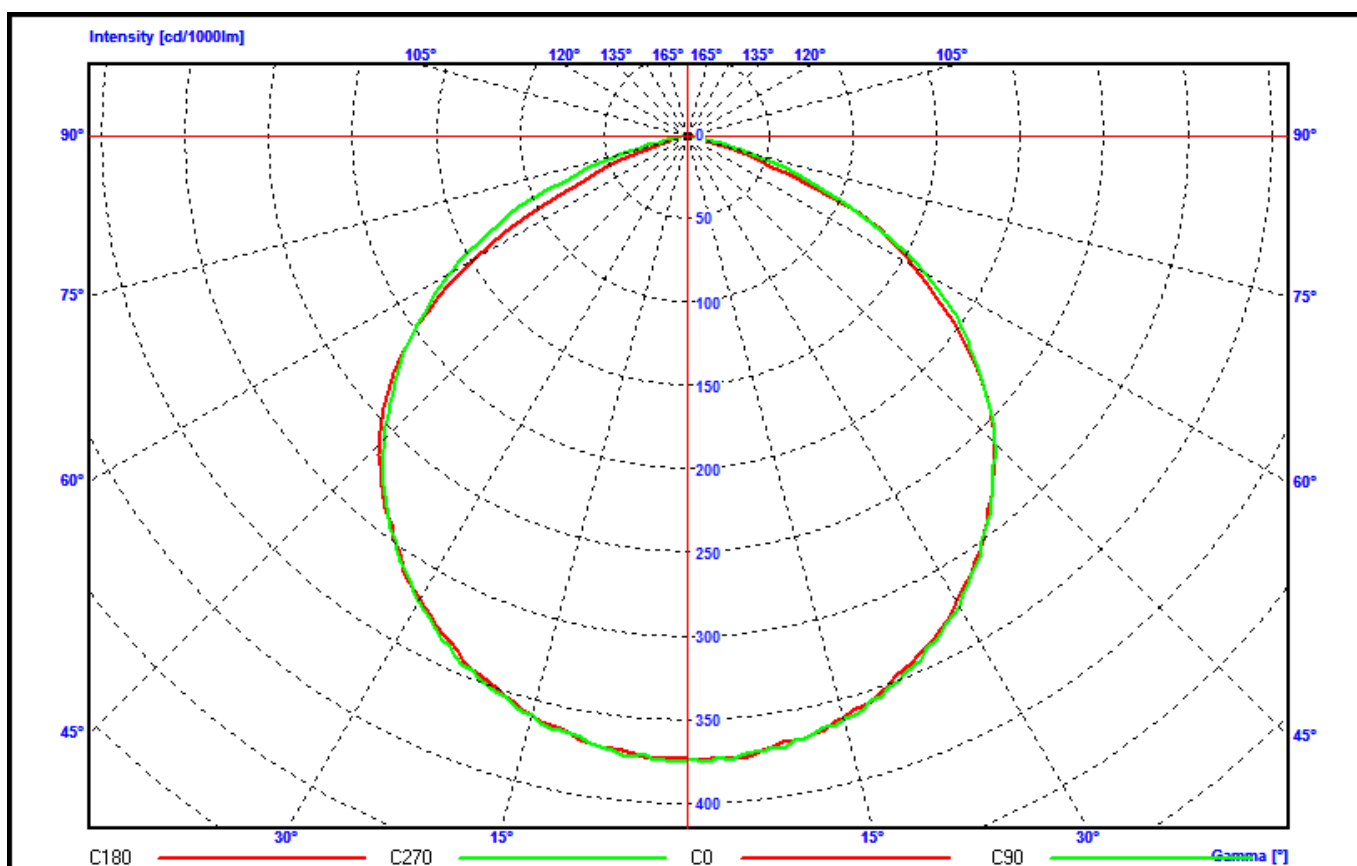


LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	Decostar C15 G1 180		
Name:	24090462_2500476_fanguangdeng30W2700K 120V60Hz-1#(liang.jiancheng)		
Meas.-no.:	2		
Flux:	2557.90 lm		Operator: Terry Huang
Comment:	UI=120.02V II=0.263A WI=28.6W PF=0.904		
Maximum intensity:	964.188 cd		

Polar diagram 24090462_2500476_fanguangdeng30W2700K 120V60Hz-1#(liang.jiancheng) / C-Plane measurement



Program:	Decostar C15 G1 180		
Name:	24090462_2500476_fanguangdeng30W2700K 120V60Hz-1#		
Meas.-no.:	2		
Flux:	2557.90 lm		Operator: Terry Huang
Comment:	UI=120.02V II=0.263		
Maximum intensity:	964.188 cd		

LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	Decostar C15 G1 180			
Name:	24090462_2500476_fanguangdeng30W2700K 120V60Hz-1#(liang.jiancheng)			
Meas.-no.:	2			
Flux:	2557.90 lm		Operator:	Terry Huang
Comment:	UI=120.02V II=0.263A WI=28.6W PF=0.904			
Maximum intensity:	964.188 cd			

Intensity [cd] 24090462_2500476_fanguangdeng30W2700K 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	953.2	952.5	953.0	953.2	953.4	959.2	954.8	964.2	947.1
1.00	954.1	955.6	954.1	951.4	951.8	959.9	954.3	954.8	963.5
2.00	953.2	956.3	955.0	955.6	955.6	959.5	957.2	959.9	953.2
3.00	953.4	957.2	956.5	954.3	953.0	959.7	952.1	950.5	958.3
4.00	953.9	955.4	956.3	951.2	954.3	955.2	956.5	954.8	942.2
5.00	955.4	948.9	955.2	949.6	954.5	953.2	951.8	954.5	950.3
6.00	953.2	948.0	950.9	948.0	953.6	952.1	948.2	947.8	933.9
7.00	947.3	949.1	948.9	950.0	952.1	951.2	950.3	959.7	951.8
8.00	943.7	944.4	945.8	947.1	948.5	947.8	944.9	953.2	939.5
9.00	939.2	939.5	941.7	945.3	944.6	946.4	948.0	950.5	938.6
10.00	938.6	935.2	938.6	938.3	940.8	941.3	939.2	941.5	937.4
11.00	938.1	936.6	935.4	933.2	939.5	939.5	939.9	931.8	922.2
12.00	935.7	932.1	933.0	929.8	935.4	938.3	935.4	927.6	922.2
13.00	932.5	929.6	925.5	930.3	935.7	939.2	927.3	934.1	915.4
14.00	924.9	925.5	925.5	927.6	931.2	926.2	931.4	933.4	925.3
15.00	921.7	920.1	919.7	923.1	926.9	923.3	923.7	919.0	901.3
16.00	914.8	916.8	919.7	917.0	919.7	919.0	922.2	915.4	907.3
17.00	912.1	910.9	912.7	910.3	915.2	912.3	917.7	911.2	900.4
18.00	908.9	906.9	907.1	904.0	909.1	910.3	908.2	908.9	907.6
19.00	902.2	899.5	903.3	898.6	908.5	906.7	906.4	905.5	895.4
20.00	895.9	895.4	895.4	897.2	904.4	904.9	899.7	898.1	884.4
21.00	886.4	886.4	890.5	889.6	893.0	894.3	895.7	887.1	879.0
22.00	881.7	877.7	884.0	881.7	888.9	887.8	886.2	883.7	878.1
23.00	876.6	872.5	879.0	874.8	882.6	886.4	880.8	875.7	877.9
24.00	868.7	863.7	871.2	868.2	878.1	877.9	877.2	865.1	860.4
25.00	863.1	859.3	865.1	864.4	872.1	869.4	863.5	859.0	852.7
26.00	857.7	855.9	858.6	857.0	863.5	862.6	861.9	856.3	844.0
27.00	849.6	846.4	848.9	846.9	859.3	856.3	855.0	849.6	840.2
28.00	842.0	840.6	840.2	839.9	853.4	845.8	845.1	844.0	833.9
29.00	833.6	830.5	832.7	830.7	839.7	838.8	838.8	829.4	821.5

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-1#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W2700K 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	824.0	825.1	824.2	825.1	832.7	828.9	830.9	822.6	813.6
31.00	813.0	815.2	817.0	817.2	824.6	818.6	815.9	812.7	808.2
32.00	805.1	803.5	808.7	808.0	813.9	806.7	808.9	799.7	800.8
33.00	796.8	795.7	797.9	799.3	806.9	799.7	798.1	794.8	779.3
34.00	786.2	782.9	789.6	788.2	796.3	791.6	790.7	786.0	774.5
35.00	777.0	772.5	779.3	780.6	785.1	782.9	781.5	772.3	760.4
36.00	768.0	761.1	767.1	769.8	777.2	768.7	766.0	763.5	745.6
37.00	755.9	755.0	757.9	758.4	765.1	756.8	756.8	753.2	732.3
38.00	744.9	744.2	745.8	746.9	753.4	751.6	745.3	742.2	727.4
39.00	732.1	732.5	737.2	732.5	739.3	741.3	738.8	732.1	719.9
40.00	721.1	722.6	727.4	724.7	729.6	723.1	724.2	717.5	698.6
41.00	711.0	709.4	714.8	708.3	714.3	715.0	713.2	709.8	688.0
42.00	699.9	699.0	703.3	696.1	701.5	702.4	698.1	689.2	671.2
43.00	687.6	688.3	687.4	686.9	690.7	692.5	686.7	685.6	658.8
44.00	678.1	674.3	675.2	672.3	682.4	681.7	678.8	672.3	645.8
45.00	664.4	660.8	664.2	660.4	671.2	672.1	664.4	655.7	635.0
46.00	654.6	645.6	651.2	645.6	657.7	655.2	651.6	641.1	628.5
47.00	635.2	633.0	638.1	631.4	643.1	639.5	639.0	634.8	616.6
48.00	621.3	618.6	623.3	617.9	631.0	624.9	620.8	613.4	602.6
49.00	604.0	602.0	608.0	605.3	611.9	610.5	606.0	594.6	580.6
50.00	590.3	589.4	594.1	590.3	599.3	596.4	590.1	584.9	574.3
51.00	572.1	570.1	575.9	576.4	583.5	577.0	575.0	572.5	555.7
52.00	555.0	552.3	560.6	560.2	566.9	561.1	557.7	555.0	536.4
53.00	535.2	533.9	543.3	546.7	548.9	547.8	540.4	533.2	515.0
54.00	514.6	512.8	524.7	531.4	535.7	534.1	529.4	525.3	507.4
55.00	494.1	492.5	506.5	515.5	517.9	518.2	512.8	507.6	487.8
56.00	474.6	475.0	487.4	497.3	499.1	503.3	498.2	492.5	469.4
57.00	454.8	455.9	467.4	477.5	480.2	482.9	477.7	476.4	450.7
58.00	437.3	437.3	447.8	457.5	462.7	463.3	457.7	453.9	437.5
59.00	418.2	417.7	429.6	436.6	445.8	444.2	438.4	437.7	420.2
60.00	399.5	401.5	409.6	417.5	431.6	424.7	418.4	417.9	406.9
61.00	381.3	382.9	389.0	393.2	413.7	402.7	396.1	395.9	378.4
62.00	364.2	362.7	371.2	372.6	391.9	379.7	376.4	377.5	352.8
63.00	347.4	344.7	353.5	353.0	372.1	360.0	353.2	361.5	331.4
64.00	328.7	326.0	332.8	331.9	349.9	342.9	325.6	344.0	307.8
65.00	307.8	306.7	312.1	311.2	329.4	314.8	298.9	316.2	285.4
66.00	288.1	287.2	294.6	293.7	309.6	287.6	273.7	288.1	262.4
67.00	240.7	258.2	277.5	274.4	287.2	260.4	251.9	266.0	237.1
68.00	204.3	204.9	258.0	255.7	259.3	238.6	232.6	239.8	211.9

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-1#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W2700K 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	166.7	181.6	233.7	238.6	229.2	221.6	213.5	217.7	187.8
70.00	133.5	132.3	183.8	218.2	205.4	199.1	193.0	195.0	169.0
71.00	118.4	118.0	158.6	196.8	184.9	178.0	177.7	175.0	152.1
72.00	107.9	105.8	113.9	172.1	168.1	160.4	153.0	160.4	133.2
73.00	97.5	93.9	102.2	132.1	147.6	131.9	124.9	127.4	117.3
74.00	67.0	68.8	91.2	105.8	129.7	113.0	111.7	110.6	103.4
75.00	39.5	43.8	79.8	76.4	107.4	95.9	85.2	95.0	76.6
76.00	29.7	29.2	51.9	64.9	90.1	73.3	73.0	72.1	59.3
77.00	25.4	24.7	28.1	51.7	70.1	58.2	51.5	57.1	43.8
78.00	20.9	20.4	23.6	36.2	50.1	42.9	40.0	45.4	37.5
79.00	16.4	15.7	19.3	20.4	33.7	29.0	29.4	29.9	27.0
80.00	12.8	12.4	14.4	15.7	23.6	19.5	19.3	20.0	17.8
81.00	10.6	10.3	11.2	12.6	16.4	13.0	11.7	12.4	11.9
82.00	8.8	8.3	9.2	9.4	11.5	10.1	8.8	9.9	9.4
83.00	7.0	6.7	7.4	7.6	8.8	7.4	6.3	7.2	7.6
84.00	5.6	5.4	5.8	6.1	6.7	5.2	4.3	4.9	5.8
85.00	4.3	4.0	4.5	4.5	5.2	3.8	2.7	3.6	4.5
86.00	3.4	3.1	3.4	3.4	3.8	2.5	1.6	2.2	3.4
87.00	2.5	2.2	2.5	2.5	2.7	1.8	1.1	1.8	2.2
88.00	1.8	1.6	1.8	1.8	2.0	1.3	1.1	1.3	1.6
89.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
90.00	1.1	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.1
91.00	1.1	1.1	1.3	1.1	1.1	1.1	0.9	1.1	1.1
92.00	1.3	1.1	1.3	1.3	1.1	1.3	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	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.3	1.1
95.00	1.3	1.1	1.1	1.3	1.1	1.1	1.1	1.3	1.1
96.00	1.3	1.1	1.3	1.3	1.1	1.1	1.1	1.3	1.3
97.00	1.3	1.1	1.3	1.1	1.1	1.1	1.1	1.1	1.3
98.00	1.3	1.3	1.3	1.3	1.3	1.1	1.1	1.3	1.1
99.00	1.3	1.3	1.3	1.3	1.1	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	1.3	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	1.3	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-1#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W2700K 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	1.3	1.3	1.3	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	1.3	1.3	1.3
110.00	1.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.6
111.00	1.6	1.3	1.6	1.3	1.3	1.6	1.3	1.6	1.3
112.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
113.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	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	1.6	1.6	1.6
119.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
120.00	1.8	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
121.00	1.8	1.6	1.8	1.6	1.6	1.6	1.6	1.6	1.6
122.00	1.8	1.8	1.6	1.6	1.6	1.6	1.6	1.8	1.8
123.00	1.8	1.8	1.8	1.8	1.6	1.8	1.6	1.8	1.8
124.00	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.8	1.8
125.00	1.8	1.8	1.8	1.8	1.8	1.8	1.6	1.8	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	1.8	2.0	1.8
131.00	2.0	2.0	2.0	2.0	1.8	1.8	1.8	2.0	1.8
132.00	2.0	2.0	2.0	2.0	1.8	2.0	1.8	2.0	2.0
133.00	2.0	2.0	2.0	2.0	1.8	2.0	1.8	2.0	2.0
134.00	2.0	2.0	2.0	2.0	2.0	2.0	1.8	2.0	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	2.0	2.0	2.0
138.00	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
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	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0
142.00	2.2	2.2	2.2	2.2	2.0	2.0	2.0	2.2	2.0
143.00	2.2	2.2	2.2	2.2	2.2	2.0	2.0	2.2	2.0
144.00	2.2	2.2	2.2	2.2	2.2	2.2	2.0	2.2	2.2
145.00	2.2	2.2	2.2	2.2	2.2	2.2	2.0	2.2	2.2
146.00	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-1#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W2700K 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	2.2	2.2	2.2	2.2	2.2	2.2	2.2	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	2.5	2.5	2.2	2.2	2.2	2.2	2.2	2.2	2.2
153.00	2.5	2.5	2.2	2.2	2.2	2.2	2.2	2.5	2.2
154.00	2.5	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	2.5	2.2	2.5	2.2
156.00	2.5	2.5	2.5	2.5	2.5	2.5	2.2	2.5	2.2
157.00	2.5	2.5	2.5	2.5	2.5	2.5	2.2	2.5	2.5
158.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
159.00	2.5	2.5	2.5	2.5	2.5	2.5	2.2	2.5	2.5
160.00	2.5	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	2.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
171.00	2.5	2.5	2.7	2.7	2.5	2.5	2.5	2.5	2.5
172.00	2.5	2.7	2.7	2.5	2.5	2.5	2.5	2.5	2.5
173.00	2.5	2.5	2.7	2.7	2.5	2.5	2.5	2.5	2.5
174.00	2.5	2.5	2.7	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	2.5	2.5	2.5
176.00	2.7	2.5	2.7	2.7	2.5	2.5	2.7	2.5	2.5
177.00	2.7	2.7	2.7	2.7	2.5	2.5	2.7	2.5	2.5
178.00	2.7	2.7	2.7	2.7	2.5	2.5	2.7	2.7	2.5
179.00	2.7	2.7	2.7	2.7	2.7	2.5	2.7	2.7	2.5
180.00	2.7	2.7	2.7	2.7	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	963.7	949.1	949.8	953.2	952.5	953.0	953.2	953.4	959.2
1.00	960.6	941.5	956.3	953.4	954.5	950.7	949.8	955.0	955.6
2.00	957.2	952.1	956.5	953.4	950.0	952.7	948.5	952.5	956.8

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-1#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W2700K 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	947.8	953.2	942.8	954.3	948.0	950.9	950.9	952.3	954.1
4.00	942.8	944.0	952.5	951.4	946.9	949.4	947.1	946.2	951.8
5.00	950.7	939.9	952.5	947.8	951.4	945.1	944.4	946.7	954.3
6.00	939.5	939.5	942.8	944.2	948.2	943.3	948.7	946.7	949.8
7.00	937.7	946.9	928.2	944.2	942.6	942.6	944.0	943.7	947.6
8.00	935.2	934.1	930.7	944.2	939.5	941.7	940.1	937.4	939.7
9.00	937.2	928.0	928.0	940.1	938.6	939.9	939.0	937.9	945.5
10.00	931.8	925.8	917.0	937.9	938.1	934.8	935.4	933.9	941.0
11.00	914.3	920.1	918.6	931.8	932.1	931.6	931.8	932.7	934.1
12.00	921.3	927.8	913.6	927.1	930.0	926.2	926.4	928.7	934.1
13.00	921.7	912.3	904.9	925.3	923.1	924.0	921.5	922.2	928.5
14.00	923.5	914.3	904.6	923.1	920.8	915.9	919.5	921.0	921.0
15.00	912.1	904.6	895.2	916.1	919.5	911.8	915.4	914.1	911.4
16.00	898.1	900.1	893.2	912.7	911.2	908.0	907.6	907.6	914.8
17.00	894.3	888.5	890.7	905.1	904.4	904.9	904.2	903.5	908.7
18.00	883.1	890.3	880.4	903.1	901.5	898.4	898.1	897.2	904.2
19.00	884.2	880.6	875.2	894.8	894.5	893.4	893.2	893.0	897.9
20.00	878.6	872.1	865.5	888.2	890.7	887.1	887.1	883.7	889.4
21.00	870.9	858.8	859.0	883.1	881.9	879.7	879.9	881.3	888.7
22.00	871.6	862.6	853.9	880.8	876.8	871.6	876.1	874.1	880.6
23.00	860.2	859.0	858.4	872.7	870.9	864.6	869.4	867.6	876.3
24.00	844.2	838.1	835.9	862.2	863.5	856.1	860.2	861.7	868.7
25.00	851.6	835.0	824.6	854.8	854.8	848.0	854.5	855.9	857.2
26.00	833.0	834.3	819.9	848.2	846.4	842.9	846.0	845.8	851.6
27.00	830.0	818.8	811.2	841.7	840.8	838.1	839.9	838.8	847.8
28.00	821.7	813.0	808.2	832.7	829.4	830.0	827.6	832.7	836.6
29.00	809.8	811.6	794.1	826.0	821.5	821.1	821.5	822.4	826.2
30.00	803.5	800.4	793.0	817.5	815.4	812.3	814.8	813.2	817.2
31.00	799.9	786.5	783.3	810.7	806.0	802.4	804.4	807.6	809.1
32.00	786.0	768.7	771.6	803.3	799.3	791.6	792.5	797.5	798.8
33.00	766.2	772.5	754.8	794.5	791.2	786.5	786.7	784.7	789.4
34.00	762.0	750.9	742.9	782.2	779.9	777.0	777.5	775.2	778.8
35.00	749.2	743.3	737.2	770.3	768.9	767.4	767.1	763.1	766.5
36.00	730.5	730.9	724.0	762.2	760.2	758.1	755.2	749.4	759.9
37.00	728.5	715.4	716.3	747.8	752.3	743.5	747.4	741.3	747.4
38.00	723.1	717.9	698.8	742.0	739.5	731.2	736.8	732.1	733.9
39.00	708.5	697.2	686.2	733.9	728.0	720.8	727.1	720.4	725.3
40.00	698.1	686.9	673.4	723.3	720.8	710.5	712.7	709.6	715.7
41.00	684.9	673.2	660.4	711.8	711.0	698.4	702.6	696.8	705.3

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-1#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W2700K 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	664.2	661.7	642.9	699.3	699.7	691.0	688.7	684.0	692.8
43.00	653.0	645.8	632.1	688.3	688.9	680.4	677.0	669.8	675.9
44.00	636.6	634.1	614.8	677.9	676.6	669.2	664.9	657.0	664.4
45.00	623.1	618.8	595.2	664.4	663.5	654.1	654.6	642.6	649.6
46.00	612.1	598.2	571.4	651.9	651.9	642.2	639.7	633.9	638.8
47.00	592.1	586.2	548.0	637.9	636.4	630.7	626.7	619.3	625.1
48.00	577.0	564.4	524.0	623.1	626.5	615.7	611.6	603.8	609.8
49.00	568.7	542.4	504.0	607.1	611.0	601.1	599.7	592.1	594.1
50.00	552.3	520.0	486.0	592.8	593.0	587.6	586.2	576.4	577.9
51.00	536.6	496.8	459.7	577.0	576.4	571.0	569.6	563.1	562.4
52.00	522.4	475.2	449.6	560.2	558.8	554.6	554.6	546.0	545.3
53.00	500.4	456.1	433.9	540.4	540.4	538.4	540.6	530.5	531.6
54.00	475.5	436.6	412.5	521.8	522.4	519.3	525.8	516.8	516.6
55.00	450.5	415.0	398.6	500.0	502.2	502.0	508.0	500.6	499.7
56.00	426.7	400.0	383.6	477.7	478.4	484.5	490.3	484.0	482.4
57.00	400.0	379.1	369.9	452.3	457.0	460.9	473.0	461.3	466.3
58.00	381.8	364.9	354.8	429.4	431.6	438.6	455.9	447.2	452.5
59.00	364.2	346.3	335.5	400.9	407.8	412.5	436.4	429.4	432.3
60.00	343.3	331.2	317.1	374.6	380.4	390.8	417.7	411.4	410.8
61.00	327.4	315.5	294.6	346.9	355.0	369.0	396.8	391.9	391.0
62.00	304.5	300.9	265.6	317.1	327.8	345.8	374.8	373.0	372.3
63.00	292.8	280.2	240.0	283.6	294.8	319.3	352.3	353.7	352.6
64.00	276.4	255.9	209.2	261.3	267.2	291.2	326.0	332.1	334.8
65.00	258.0	225.6	184.0	212.8	243.6	257.1	303.1	309.4	317.7
66.00	237.7	202.2	172.3	178.0	193.9	231.9	278.9	284.5	294.6
67.00	212.8	170.3	156.8	162.5	169.2	209.6	252.6	260.4	275.3
68.00	187.4	156.8	143.6	146.7	152.6	160.4	229.2	239.1	251.7
69.00	166.1	145.2	127.6	130.8	137.1	141.1	199.5	213.7	230.5
70.00	146.1	129.0	110.3	115.0	122.5	126.1	173.9	188.1	203.1
71.00	122.2	115.3	74.2	95.5	109.0	111.7	147.9	164.9	176.2
72.00	104.0	96.8	54.6	64.7	79.8	99.3	109.4	137.7	157.5
73.00	90.1	64.5	31.0	36.9	59.1	81.1	97.5	114.8	138.0
74.00	76.2	44.9	27.0	29.2	30.6	54.6	85.6	99.5	110.1
75.00	63.1	26.5	23.8	25.6	26.3	27.2	70.6	78.9	96.8
76.00	39.8	22.9	20.9	22.2	22.9	22.2	53.5	60.0	71.5
77.00	21.8	19.8	18.4	19.3	20.0	19.3	33.0	44.0	59.3
78.00	17.3	17.3	16.0	16.6	17.3	16.9	18.9	34.8	40.2
79.00	14.6	15.1	13.7	14.2	14.8	14.6	16.0	24.0	29.4
80.00	12.6	12.6	11.5	11.7	12.4	12.4	13.5	16.2	20.9

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-1#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W2700K 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	10.3	10.3	9.4	9.9	10.1	10.1	11.2	11.2	13.7
82.00	8.5	8.5	7.9	8.1	8.5	8.1	9.0	8.8	10.1
83.00	6.7	7.0	6.5	6.7	7.0	6.5	7.2	7.0	7.9
84.00	5.4	5.6	5.2	5.2	5.6	5.2	5.6	5.2	5.6
85.00	4.0	4.3	4.0	4.0	4.3	4.0	4.3	3.8	4.0
86.00	2.9	3.4	3.1	3.1	3.4	3.1	3.1	2.9	2.9
87.00	2.2	2.5	2.2	2.2	2.5	2.2	2.5	2.0	2.0
88.00	1.6	2.0	1.8	1.6	1.8	1.6	1.6	1.3	1.3
89.00	1.3	1.3	1.3	1.1	1.3	1.1	1.1	1.1	1.1
90.00	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.9	0.9
91.00	1.1	1.1	1.1	1.1	0.9	0.9	1.1	1.1	0.9
92.00	1.1	1.1	1.1	1.1	1.1	0.9	1.1	1.1	1.1
93.00	1.1	1.1	1.1	0.9	1.1	1.1	1.1	1.1	0.9
94.00	1.1	1.3	1.1	0.9	0.9	1.1	1.1	1.1	0.9
95.00	1.1	1.3	1.1	0.9	1.1	1.1	1.1	1.1	0.9
96.00	1.1	1.1	1.1	0.9	1.1	1.1	1.1	1.1	1.1
97.00	1.1	1.3	1.3	1.1	1.1	1.1	1.1	1.1	0.9
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	1.1	1.1	1.1	1.1
100.00	1.3	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	1.3	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	1.1	1.1	1.1
108.00	1.3	1.3	1.6	1.1	1.3	1.3	1.3	1.1	1.3
109.00	1.3	1.6	1.6	1.3	1.3	1.3	1.3	1.3	1.1
110.00	1.3	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	1.3	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	1.6	1.6	1.6	1.3	1.3	1.3
118.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.3
119.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-1#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W2700K 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	1.6	1.8	1.8	1.6	1.6	1.6	1.6	1.6	1.3
121.00	1.6	1.8	1.8	1.6	1.6	1.6	1.6	1.6	1.6
122.00	1.8	1.8	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	1.8	1.6	1.6	1.6	1.6
129.00	2.0	2.0	2.0	1.8	1.6	1.8	1.8	1.8	1.8
130.00	1.8	2.0	2.0	1.8	1.8	1.8	1.8	1.8	1.8
131.00	2.0	2.0	2.0	1.8	1.8	1.8	1.8	1.8	1.8
132.00	2.0	2.0	2.0	1.8	1.8	1.8	1.8	1.8	1.8
133.00	2.0	2.0	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	1.8	1.8	1.8	1.8	1.8	1.8
136.00	2.0	2.0	2.0	2.0	2.0	1.8	1.8	1.8	1.8
137.00	2.0	2.0	2.0	2.0	2.0	2.0	1.8	2.0	1.8
138.00	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.8	2.0
139.00	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0
140.00	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0
141.00	2.0	2.2	2.2	2.0	2.0	2.0	2.0	2.0	2.0
142.00	2.2	2.2	2.2	2.0	2.0	2.0	2.0	2.0	2.0
143.00	2.2	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	2.2	2.2	2.2	2.2	2.0	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	2.0
147.00	2.2	2.2	2.2	2.0	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	2.5	2.2	2.2	2.2	2.2	2.2	2.2
153.00	2.2	2.5	2.5	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	2.2	2.5	2.5	2.2	2.2	2.2	2.2	2.2	2.2
156.00	2.5	2.5	2.5	2.2	2.5	2.2	2.2	2.2	2.2
157.00	2.5	2.5	2.5	2.5	2.2	2.2	2.2	2.5	2.2
158.00	2.5	2.5	2.5	2.5	2.5	2.2	2.5	2.2	2.5

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-1#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W2700K 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	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.2
160.00	2.5	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	2.5	2.5	2.5	2.5	2.5	2.5
173.00	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
174.00	2.5	2.5	2.5	2.5	2.7	2.5	2.5	2.5	2.5
175.00	2.5	2.5	2.5	2.7	2.7	2.7	2.5	2.5	2.5
176.00	2.5	2.5	2.5	2.7	2.7	2.7	2.5	2.5	2.5
177.00	2.5	2.5	2.5	2.7	2.7	2.7	2.5	2.5	2.5
178.00	2.5	2.5	2.7	2.7	2.7	2.7	2.5	2.7	2.5
179.00	2.5	2.5	2.7	2.7	2.7	2.7	2.5	2.7	2.7
180.00	2.5	2.5	2.5	2.5	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	954.8	964.2	947.1	963.7	949.1	949.8
1.00	958.6	948.5	953.2	949.4	944.2	951.8
2.00	954.8	953.4	951.8	951.2	954.5	955.0
3.00	955.6	953.9	958.1	952.5	950.5	951.4
4.00	948.0	955.2	951.4	948.7	953.9	944.6
5.00	952.3	949.1	959.7	944.9	955.6	955.6
6.00	953.4	944.2	958.3	954.5	954.8	945.5
7.00	945.8	947.8	927.3	951.4	953.0	950.3
8.00	944.2	944.2	936.8	950.0	946.9	958.1
9.00	940.4	949.6	945.3	947.6	946.2	943.7
10.00	934.5	945.1	946.9	943.3	941.0	933.0
11.00	932.1	931.2	937.9	942.2	939.9	937.2
12.00	928.0	925.1	929.6	948.5	941.9	939.7
13.00	930.0	929.1	941.9	932.5	940.6	939.9
14.00	925.8	925.5	936.1	924.4	927.1	934.1

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-1#(liang.jiancheng)

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

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
15.00	917.7	919.0	910.3	926.4	927.1	928.9
16.00	916.6	919.2	919.2	918.6	927.6	929.8
17.00	909.1	901.9	910.3	918.6	915.7	921.9
18.00	903.1	903.3	894.5	907.8	913.2	915.4
19.00	898.1	894.3	902.4	905.5	902.4	901.9
20.00	895.2	897.7	903.3	899.2	902.4	911.8
21.00	889.8	899.5	892.7	898.1	898.1	906.9
22.00	880.6	890.3	908.0	890.3	893.9	896.6
23.00	878.6	878.1	891.2	879.7	886.7	885.1
24.00	871.2	872.5	863.3	884.0	883.7	866.0
25.00	860.2	861.3	864.2	875.7	873.0	871.6
26.00	857.7	855.9	860.8	866.4	874.8	863.1
27.00	845.8	848.2	856.3	856.8	861.7	854.8
28.00	835.2	836.8	851.4	855.2	845.3	853.9
29.00	829.1	829.1	844.2	837.9	845.8	842.9
30.00	822.6	818.4	834.5	820.2	838.4	840.4
31.00	812.3	810.3	826.0	833.4	817.5	820.6
32.00	799.7	806.4	820.6	816.3	811.2	815.9
33.00	791.4	800.4	804.0	802.6	807.8	808.5
34.00	784.0	789.8	789.4	788.0	795.9	799.3
35.00	773.0	786.5	776.1	797.0	787.8	779.9
36.00	760.2	767.1	772.3	778.8	779.3	776.8
37.00	753.0	756.3	751.8	770.9	764.4	764.4
38.00	741.7	744.9	748.3	764.4	753.9	758.1
39.00	728.5	729.6	740.4	740.8	746.7	742.2
40.00	717.7	718.6	726.0	724.4	733.4	734.3
41.00	706.7	703.3	708.7	718.6	719.3	723.3
42.00	693.4	696.6	697.2	705.8	706.0	713.4
43.00	680.2	678.4	679.7	693.4	696.6	699.0
44.00	666.7	663.8	662.2	688.0	677.7	677.5
45.00	654.1	655.7	661.1	663.3	663.3	666.2
46.00	640.4	646.0	643.3	651.2	652.1	651.6
47.00	624.2	626.5	628.3	640.2	642.2	639.7
48.00	610.3	615.7	616.4	621.7	629.2	626.5
49.00	596.1	602.2	604.2	612.5	609.2	615.7
50.00	583.3	579.7	595.5	601.5	595.5	597.5
51.00	568.0	569.8	570.1	581.7	586.0	582.0
52.00	552.5	550.5	559.5	560.6	564.7	562.2
53.00	538.2	535.0	538.4	547.8	542.9	547.4

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-1#(liang.jiancheng)

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

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
54.00	519.7	524.5	528.5	535.2	534.1	536.1
55.00	503.6	508.0	517.5	513.4	516.1	513.9
56.00	487.6	487.6	490.7	499.5	489.6	494.3
57.00	469.8	471.4	467.8	480.6	470.1	475.2
58.00	453.4	452.5	455.9	466.9	457.3	449.2
59.00	434.1	436.4	434.3	445.8	431.2	430.1
60.00	416.6	414.6	418.4	424.7	417.3	414.3
61.00	398.2	395.0	400.9	404.0	395.2	397.0
62.00	380.4	375.0	385.4	386.7	376.4	374.4
63.00	358.8	358.6	370.3	366.9	356.1	355.3
64.00	338.8	342.2	340.9	348.5	338.8	342.9
65.00	319.1	323.3	320.6	325.4	317.3	321.8
66.00	298.0	299.1	306.5	309.4	299.3	295.9
67.00	278.4	272.6	282.9	288.1	279.5	275.7
68.00	252.1	250.3	253.2	268.5	256.4	224.3
69.00	230.5	224.9	229.9	246.7	234.8	199.1
70.00	199.3	202.5	203.4	219.3	190.1	154.1
71.00	178.6	178.0	181.6	202.2	162.7	131.0
72.00	160.0	161.8	162.0	178.2	122.0	116.2
73.00	133.9	138.6	144.9	156.6	107.9	102.7
74.00	112.8	115.0	126.5	118.0	93.7	87.9
75.00	99.1	101.6	102.0	94.6	80.7	58.6
76.00	73.7	76.6	83.4	70.3	53.0	32.8
77.00	61.6	64.3	63.4	55.7	29.4	26.3
78.00	45.4	45.8	48.5	46.1	23.1	22.0
79.00	31.9	31.7	31.2	28.5	18.9	17.1
80.00	20.9	20.0	17.5	16.6	13.9	12.6
81.00	13.3	12.8	11.9	12.8	10.3	10.3
82.00	10.3	9.9	9.2	9.7	8.3	8.3
83.00	7.4	7.2	6.7	7.2	6.5	6.7
84.00	5.4	4.9	4.9	5.6	5.2	5.4
85.00	3.8	3.6	3.6	4.3	3.8	4.0
86.00	2.5	2.5	2.7	3.1	2.9	2.9
87.00	1.8	1.6	1.8	2.2	2.0	2.2
88.00	1.3	1.1	1.1	1.6	1.6	1.6
89.00	1.3	1.1	0.9	1.1	1.1	1.1
90.00	1.3	0.9	0.9	0.9	0.9	0.9
91.00	1.3	0.9	0.9	0.9	0.9	0.9
92.00	1.3	1.1	0.9	0.9	0.9	0.9

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-1#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W2700K 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	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	1.1	0.9	0.9	0.9	0.9
96.00	1.3	1.1	0.9	0.9	1.1	0.9
97.00	1.3	1.1	0.9	0.9	0.9	0.9
98.00	1.3	1.1	0.9	0.9	0.9	1.1
99.00	1.3	1.1	0.9	0.9	1.1	0.9
100.00	1.3	1.1	1.1	0.9	1.1	0.9
101.00	1.3	1.1	0.9	0.9	1.1	1.1
102.00	1.3	1.1	1.1	1.1	1.1	1.1
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	1.6	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	1.6	1.3	1.1	1.1	1.1	1.1
111.00	1.6	1.3	1.1	1.1	1.3	1.1
112.00	1.6	1.3	1.3	1.3	1.3	1.1
113.00	1.6	1.3	1.3	1.3	1.3	1.3
114.00	1.6	1.3	1.3	1.3	1.3	1.3
115.00	1.6	1.3	1.3	1.3	1.3	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	1.8	1.3	1.3	1.3	1.3	1.3
122.00	1.8	1.6	1.3	1.3	1.3	1.3
123.00	1.8	1.6	1.3	1.3	1.3	1.3
124.00	1.8	1.6	1.6	1.3	1.6	1.3
125.00	1.8	1.6	1.6	1.6	1.6	1.3
126.00	1.8	1.6	1.6	1.6	1.6	1.6
127.00	1.8	1.6	1.6	1.6	1.6	1.6
128.00	2.0	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	1.8	1.6	1.6	1.6	1.6
131.00	2.0	1.6	1.6	1.6	1.6	1.6

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-1#(liang.jiancheng)

Intensity [cd] 24090462_2500476_fanguangdeng30W2700K 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	1.8	1.6	1.6	1.6	1.6
133.00	2.0	1.8	1.8	1.6	1.6	1.6
134.00	2.0	1.8	1.8	1.8	1.8	1.8
135.00	2.0	1.8	1.8	1.8	1.8	1.8
136.00	2.0	1.8	1.8	1.8	1.8	1.8
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	2.0	1.8	1.8	1.8	1.8
140.00	2.0	2.0	2.0	1.8	1.8	1.8
141.00	2.2	2.0	1.8	2.0	1.8	1.8
142.00	2.2	2.0	2.0	1.8	2.0	2.0
143.00	2.2	2.0	2.0	2.0	2.0	2.0
144.00	2.2	2.0	2.0	2.0	2.0	2.0
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	2.2	2.0	2.0	2.0	2.0
149.00	2.2	2.2	2.0	2.0	2.0	2.0
150.00	2.2	2.2	2.0	2.0	2.0	2.0
151.00	2.5	2.2	2.0	2.2	2.2	2.0
152.00	2.5	2.2	2.2	2.0	2.2	2.2
153.00	2.5	2.2	2.2	2.2	2.2	2.2
154.00	2.5	2.2	2.2	2.2	2.2	2.2
155.00	2.5	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	2.5	2.2	2.2	2.2	2.2
159.00	2.5	2.5	2.2	2.2	2.2	2.2
160.00	2.5	2.5	2.2	2.2	2.2	2.2
161.00	2.5	2.5	2.2	2.2	2.2	2.5
162.00	2.5	2.5	2.2	2.2	2.2	2.2
163.00	2.5	2.5	2.2	2.2	2.5	2.5
164.00	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
166.00	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
168.00	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
170.00	2.5	2.5	2.5	2.5	2.5	2.5

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K
120V60Hz-1#(liang.jiancheng)

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

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
171.00	2.5	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	2.7	2.5	2.5	2.5	2.5
177.00	2.7	2.5	2.5	2.5	2.5	2.5
178.00	2.7	2.5	2.5	2.5	2.5	2.5
179.00	2.5	2.7	2.5	2.5	2.5	2.7
180.00	2.7	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-1#(liang.jiancheng)			
Meas.-no.:	2			
Flux:	2557.90 lm		Operator:	Terry Huang
Comment:	UI=120.02V II=0.263A WI=28.6W PF=0.904			
Maximum intensity:	964.188 cd			

Zonal flux 24090462_2500476_fanguangdeng30W2700K 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	370.3	376.9	373.1	0.00	0.00	0.00	0.00
1.0	368.1	376.7	372.7	0.91	0.91	0.04	0.04
2.0	370.8	375.3	373.1	2.74	3.65	0.11	0.14
3.0	368.6	375.2	372.6	4.56	8.21	0.18	0.32
4.0	368.3	374.0	371.6	6.37	14.58	0.25	0.57
5.0	367.5	375.2	371.8	8.18	22.77	0.32	0.89
6.0	365.1	374.7	370.6	9.98	32.74	0.39	1.28
7.0	362.5	375.2	370.0	11.76	44.50	0.46	1.74
8.0	363.9	374.6	368.8	13.52	58.03	0.53	2.27
9.0	362.8	371.6	368.2	15.28	73.30	0.60	2.87
10.0	358.5	370.2	366.4	17.00	90.30	0.66	3.53
11.0	357.4	368.3	364.6	18.68	108.99	0.73	4.26
12.0	357.2	370.8	363.9	20.37	129.36	0.80	5.06
13.0	353.8	368.2	362.7	22.06	151.41	0.86	5.92
14.0	353.7	366.0	361.4	23.71	175.12	0.93	6.85
15.0	350.0	363.2	358.5	25.28	200.40	0.99	7.83
16.0	349.2	363.5	357.3	26.83	227.23	1.05	8.88
17.0	347.3	360.4	354.9	28.37	255.60	1.11	9.99
18.0	344.2	357.9	352.9	29.85	285.45	1.17	11.16
19.0	342.2	355.2	350.8	31.32	316.77	1.22	12.38
20.0	338.4	356.5	349.0	32.77	349.53	1.28	13.66
21.0	335.7	354.5	346.5	34.16	383.70	1.34	15.00
22.0	333.8	355.0	344.6	35.53	419.22	1.39	16.39
23.0	335.6	348.4	342.2	36.86	456.08	1.44	17.83
24.0	326.8	345.6	338.2	38.05	494.13	1.49	19.32
25.0	322.4	342.3	335.7	39.20	533.33	1.53	20.85

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-1#(liang.jiancheng)

Zonal flux 24090462_2500476_fanguangdeng30W2700K 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	320.5	342.0	333.4	40.40	573.73	1.58	22.43
27.0	317.1	336.9	330.4	41.54	615.27	1.62	24.05
28.0	316.0	334.3	327.3	42.59	657.86	1.67	25.72
29.0	310.4	330.7	323.8	43.58	701.44	1.70	27.42
30.0	310.0	328.5	320.7	44.51	745.95	1.74	29.16
31.0	306.2	325.8	317.2	45.41	791.36	1.78	30.94
32.0	300.5	320.8	313.3	46.20	837.56	1.81	32.74
33.0	295.1	316.1	309.7	46.95	884.51	1.84	34.58
34.0	290.4	312.5	305.6	47.62	932.13	1.86	36.44
35.0	288.2	311.6	301.8	48.25	980.38	1.89	38.33
36.0	283.0	304.6	297.3	48.79	1029.17	1.91	40.23
37.0	279.7	301.4	293.1	49.25	1078.42	1.93	42.16
38.0	273.2	298.9	289.4	49.73	1128.16	1.94	44.10
39.0	268.3	291.9	284.8	50.13	1178.29	1.96	46.06
40.0	263.3	287.1	280.1	50.39	1228.68	1.97	48.03
41.0	258.2	282.8	275.4	50.60	1279.28	1.98	50.01
42.0	251.3	278.9	270.4	50.72	1330.00	1.98	52.00
43.0	247.1	273.3	265.6	50.78	1380.78	1.99	53.98
44.0	240.3	269.0	260.5	50.79	1431.57	1.99	55.97
45.0	232.7	262.7	255.4	50.71	1482.28	1.98	57.95
46.0	223.4	257.1	250.1	50.57	1532.85	1.98	59.93
47.0	214.3	251.4	244.6	50.33	1583.18	1.97	61.89
48.0	204.9	246.7	238.6	49.97	1633.14	1.95	63.85
49.0	197.0	240.7	232.7	49.51	1682.65	1.94	65.78
50.0	190.0	235.2	227.0	49.02	1731.67	1.92	67.70
51.0	179.7	229.1	220.4	48.41	1780.08	1.89	69.59
52.0	175.8	221.6	213.8	47.65	1827.73	1.86	71.45
53.0	169.6	214.6	207.0	46.81	1874.55	1.83	73.28
54.0	161.3	209.6	201.0	46.00	1920.54	1.80	75.08
55.0	155.8	202.6	193.9	45.09	1965.63	1.76	76.85
56.0	150.0	196.8	186.6	43.97	2009.61	1.72	78.56
57.0	144.6	188.8	178.8	42.73	2052.34	1.67	80.24
58.0	138.7	182.5	171.8	41.47	2093.82	1.62	81.86
59.0	131.2	174.3	164.0	40.15	2133.97	1.57	83.43
60.0	124.0	168.8	156.6	38.73	2172.70	1.51	84.94

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-1#(liang.jiancheng)

Zonal flux 24090462_2500476_fanguangdeng30W2700K 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	115.2	161.7	148.4	37.23	2209.93	1.46	86.40
62.0	103.8	153.2	140.2	35.58	2245.51	1.39	87.79
63.0	93.8	145.5	132.1	33.88	2279.39	1.32	89.11
64.0	81.8	136.8	123.7	32.12	2311.51	1.26	90.37
65.0	71.9	128.8	114.4	30.14	2341.65	1.18	91.55
66.0	67.4	121.1	105.3	28.04	2369.69	1.10	92.64
67.0	61.3	112.6	96.1	25.91	2395.60	1.01	93.66
68.0	56.1	105.0	86.0	23.59	2419.20	0.92	94.58
69.0	49.9	96.5	77.3	21.31	2440.51	0.83	95.41
70.0	43.1	85.7	67.0	18.96	2459.46	0.74	96.15
71.0	29.0	79.1	58.8	16.63	2476.10	0.65	96.80
72.0	21.3	69.7	50.2	14.49	2490.59	0.57	97.37
73.0	12.1	61.2	41.9	12.31	2502.90	0.48	97.85
74.0	10.5	50.7	34.4	10.26	2513.17	0.40	98.25
75.0	9.3	42.0	27.3	8.34	2521.50	0.33	98.58
76.0	8.2	35.2	20.7	6.51	2528.02	0.25	98.83
77.0	7.2	27.4	15.7	4.97	2532.98	0.19	99.03
78.0	6.2	19.6	12.1	3.81	2536.80	0.15	99.17
79.0	5.4	13.2	8.7	2.87	2539.66	0.11	99.29
80.0	4.5	9.2	6.2	2.06	2541.72	0.08	99.37
81.0	3.7	6.4	4.5	1.48	2543.21	0.06	99.43
82.0	3.1	4.5	3.6	1.12	2544.33	0.04	99.47
83.0	2.5	3.4	2.8	0.88	2545.21	0.03	99.50
84.0	1.7	2.6	2.1	0.68	2545.89	0.03	99.53
85.0	1.1	2.0	1.6	0.52	2546.41	0.02	99.55
86.0	0.6	1.5	1.2	0.38	2546.79	0.02	99.57
87.0	0.4	1.1	0.8	0.28	2547.07	0.01	99.58
88.0	0.4	0.8	0.6	0.20	2547.27	0.01	99.58
89.0	0.4	0.5	0.5	0.15	2547.43	0.01	99.59
90.0	0.4	0.5	0.4	0.13	2547.55	0.00	99.60
91.0	0.4	0.5	0.4	0.12	2547.67	0.00	99.60
92.0	0.4	0.5	0.4	0.12	2547.79	0.00	99.60
93.0	0.4	0.5	0.4	0.12	2547.91	0.00	99.61
94.0	0.4	0.5	0.4	0.12	2548.03	0.00	99.61
95.0	0.4	0.5	0.4	0.12	2548.15	0.00	99.62

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-1#(liang.jiancheng)

Zonal flux 24090462_2500476_fanguangdeng30W2700K 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	0.12	2548.28	0.00	99.62
97.0	0.4	0.5	0.4	0.12	2548.40	0.00	99.63
98.0	0.4	0.5	0.5	0.13	2548.53	0.00	99.63
99.0	0.4	0.5	0.5	0.13	2548.66	0.01	99.64
100.0	0.4	0.5	0.5	0.13	2548.79	0.01	99.64
101.0	0.4	0.5	0.5	0.13	2548.92	0.01	99.65
102.0	0.4	0.5	0.5	0.13	2549.05	0.01	99.65
103.0	0.4	0.5	0.5	0.13	2549.18	0.01	99.66
104.0	0.4	0.5	0.5	0.13	2549.32	0.01	99.66
105.0	0.4	0.5	0.5	0.13	2549.45	0.01	99.67
106.0	0.4	0.5	0.5	0.13	2549.58	0.01	99.67
107.0	0.4	0.5	0.5	0.13	2549.71	0.01	99.68
108.0	0.4	0.6	0.5	0.13	2549.85	0.01	99.69
109.0	0.4	0.6	0.5	0.14	2549.98	0.01	99.69
110.0	0.4	0.6	0.5	0.14	2550.12	0.01	99.70
111.0	0.4	0.6	0.5	0.14	2550.26	0.01	99.70
112.0	0.4	0.6	0.6	0.15	2550.41	0.01	99.71
113.0	0.5	0.6	0.6	0.15	2550.55	0.01	99.71
114.0	0.5	0.6	0.6	0.15	2550.70	0.01	99.72
115.0	0.5	0.6	0.6	0.15	2550.85	0.01	99.72
116.0	0.5	0.6	0.6	0.14	2550.99	0.01	99.73
117.0	0.5	0.6	0.6	0.14	2551.13	0.01	99.74
118.0	0.5	0.6	0.6	0.15	2551.28	0.01	99.74
119.0	0.5	0.6	0.6	0.15	2551.43	0.01	99.75
120.0	0.5	0.7	0.6	0.15	2551.57	0.01	99.75
121.0	0.5	0.7	0.6	0.15	2551.72	0.01	99.76
122.0	0.5	0.7	0.6	0.15	2551.87	0.01	99.76
123.0	0.5	0.7	0.6	0.15	2552.02	0.01	99.77
124.0	0.5	0.7	0.7	0.15	2552.17	0.01	99.78
125.0	0.5	0.7	0.7	0.15	2552.32	0.01	99.78
126.0	0.6	0.7	0.7	0.15	2552.47	0.01	99.79
127.0	0.6	0.7	0.7	0.15	2552.62	0.01	99.79
128.0	0.6	0.8	0.7	0.15	2552.77	0.01	99.80
129.0	0.6	0.8	0.7	0.15	2552.92	0.01	99.81
130.0	0.6	0.8	0.7	0.15	2553.07	0.01	99.81

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-1#(liang.jiancheng)

Zonal flux 24090462_2500476_fanguangdeng30W2700K 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	0.6	0.8	0.7	0.15	2553.22	0.01	99.82
132.0	0.6	0.8	0.7	0.15	2553.37	0.01	99.82
133.0	0.6	0.8	0.7	0.15	2553.52	0.01	99.83
134.0	0.7	0.8	0.7	0.15	2553.67	0.01	99.83
135.0	0.7	0.8	0.7	0.15	2553.82	0.01	99.84
136.0	0.7	0.8	0.8	0.15	2553.97	0.01	99.85
137.0	0.7	0.8	0.8	0.15	2554.11	0.01	99.85
138.0	0.7	0.8	0.8	0.14	2554.26	0.01	99.86
139.0	0.7	0.9	0.8	0.14	2554.40	0.01	99.86
140.0	0.7	0.9	0.8	0.14	2554.55	0.01	99.87
141.0	0.7	0.9	0.8	0.14	2554.69	0.01	99.87
142.0	0.7	0.9	0.8	0.14	2554.83	0.01	99.88
143.0	0.8	0.9	0.8	0.14	2554.97	0.01	99.89
144.0	0.8	0.9	0.8	0.14	2555.11	0.01	99.89
145.0	0.8	0.9	0.8	0.14	2555.24	0.01	99.90
146.0	0.8	0.9	0.8	0.13	2555.38	0.01	99.90
147.0	0.8	0.9	0.9	0.13	2555.51	0.01	99.91
148.0	0.8	0.9	0.9	0.13	2555.64	0.01	99.91
149.0	0.8	0.9	0.9	0.13	2555.76	0.00	99.92
150.0	0.8	0.9	0.9	0.12	2555.89	0.00	99.92
151.0	0.8	1.0	0.9	0.12	2556.01	0.00	99.93
152.0	0.8	1.0	0.9	0.12	2556.13	0.00	99.93
153.0	0.9	1.0	0.9	0.12	2556.24	0.00	99.94
154.0	0.9	1.0	0.9	0.11	2556.35	0.00	99.94
155.0	0.9	1.0	0.9	0.11	2556.46	0.00	99.94
156.0	0.9	1.0	0.9	0.11	2556.57	0.00	99.95
157.0	0.9	1.0	0.9	0.10	2556.67	0.00	99.95
158.0	0.9	1.0	0.9	0.10	2556.77	0.00	99.96
159.0	0.9	1.0	0.9	0.10	2556.87	0.00	99.96
160.0	0.9	1.0	1.0	0.09	2556.96	0.00	99.96
161.0	0.9	1.0	1.0	0.09	2557.05	0.00	99.97
162.0	0.9	1.0	1.0	0.08	2557.14	0.00	99.97
163.0	0.9	1.0	1.0	0.08	2557.22	0.00	99.97
164.0	1.0	1.0	1.0	0.08	2557.30	0.00	99.98
165.0	1.0	1.0	1.0	0.07	2557.37	0.00	99.98

LEDVANCE Lighting Co.Ltd.

24090462_2500476_fanguangdeng30W2700K 120V60Hz-1#(liang.jiancheng)

Zonal flux 24090462_2500476_fanguangdeng30W2700K 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	1.0	1.0	1.0	0.07	2557.44	0.00	99.98
167.0	1.0	1.0	1.0	0.06	2557.50	0.00	99.98
168.0	1.0	1.0	1.0	0.06	2557.56	0.00	99.99
169.0	1.0	1.0	1.0	0.05	2557.61	0.00	99.99
170.0	1.0	1.1	1.0	0.05	2557.66	0.00	99.99
171.0	1.0	1.1	1.0	0.04	2557.71	0.00	99.99
172.0	1.0	1.1	1.0	0.04	2557.75	0.00	99.99
173.0	1.0	1.1	1.0	0.04	2557.78	0.00	100.00
174.0	1.0	1.1	1.0	0.03	2557.81	0.00	100.00
175.0	1.0	1.1	1.0	0.03	2557.84	0.00	100.00
176.0	1.0	1.1	1.0	0.02	2557.86	0.00	100.00
177.0	1.0	1.1	1.0	0.02	2557.88	0.00	100.00
178.0	1.0	1.1	1.0	0.01	2557.89	0.00	100.00
179.0	1.0	1.1	1.0	0.01	2557.90	0.00	100.00
180.0	1.0	1.1	1.0	0.00	2557.90	0.00	100.00

LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	Decostar C15 G1 180			
Name:	24090462_2500476_fanguangdeng30W2700K 120V60Hz-1#(liang.jiancheng)			
Meas.-no.:	2			
Flux:	2557.90 lm		Operator:	Terry Huang
Comment:	UI=120.02V II=0.263A WI=28.6W PF=0.904			
Maximum intensity:	964.188 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:					113.4°		111.8°			
Half peak side angle (left):					-56.5°		-56.0°			
Half peak side angle (right):					56.9°		55.8°			
One tenth peak divergence:					149.7°		144.1°			
Tenth peak side angle (left):					-75.1°		-71.0°			
Tenth peak side angle (right):					74.6°		73.1°			
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°									