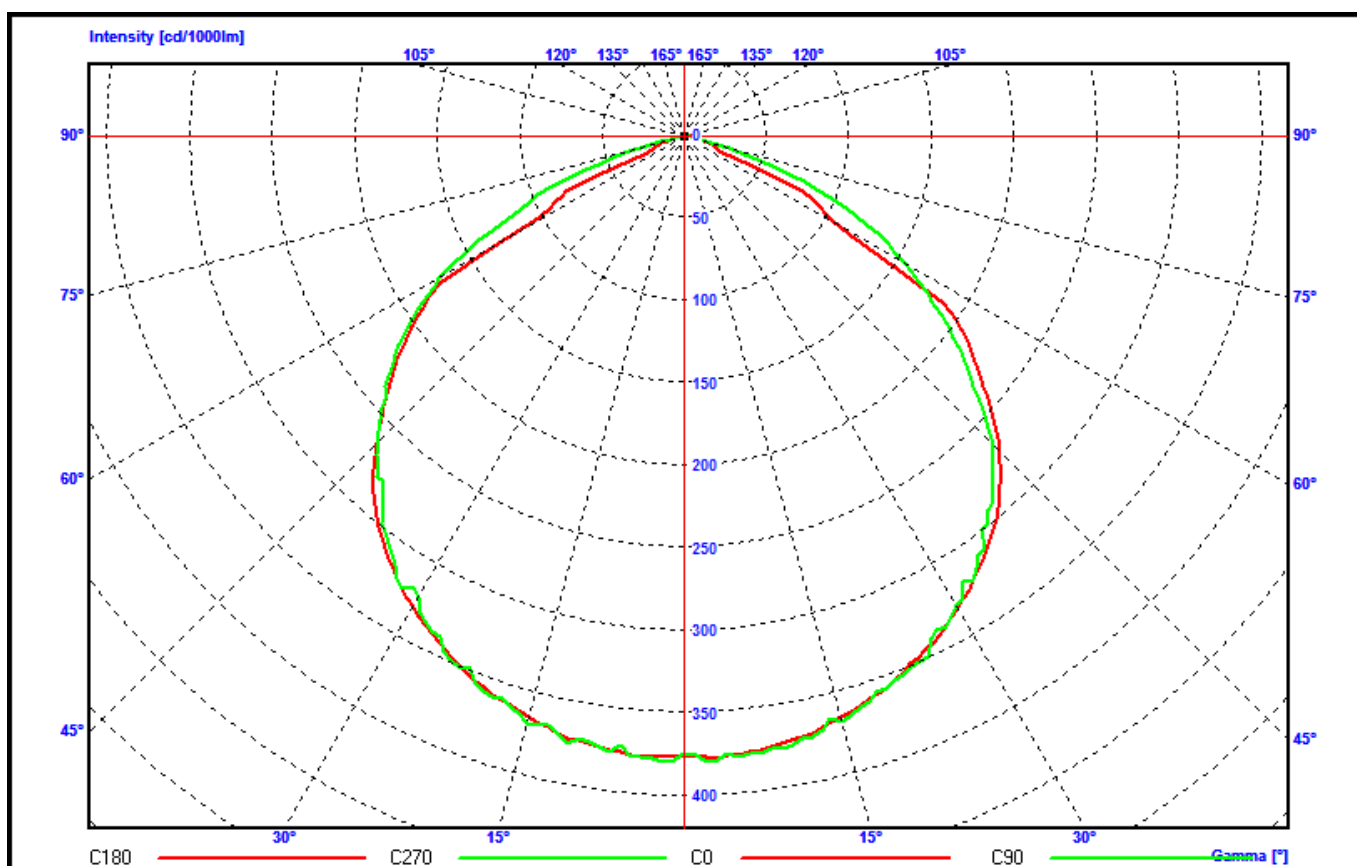


# LEDVANCE Lighting Co.Ltd.

## PHOTOMETRIC RESULTS

<b>Program:</b>	Decostar C15 G1 180		
<b>Name:</b>	24081730_2500789_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)		
<b>Meas.-no.:</b>	1		
<b>Flux:</b>	1493.44 lm		<b>Operator:</b> Thomas.liu
<b>Comment:</b>	UI=120.03V II=0.131A WI=14.1W PF=0.896		
<b>Maximum intensity:</b>	568.716 cd		

Polar diagram 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua) / C-Plane measurement



<b>Program:</b>	Decostar C15 G1 180		
<b>Name:</b>	24081730_2500789_fanguangdeng15W5000K 120V60Hz-1#		
<b>Meas.-no.:</b>	1		
<b>Flux:</b>	1493.44 lm		<b>Operator:</b> Thomas.liu
<b>Comment:</b>	UI=120.03V II=0.131		
<b>Maximum intensity:</b>	568.716 cd		

# LEDVANCE Lighting Co.Ltd.

## PHOTOMETRIC RESULTS

<b>Program:</b>	Decostar C15 G1 180			
<b>Name:</b>	24081730_2500789_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)			
<b>Meas.-no.:</b>	1			
<b>Flux:</b>	1493.44 lm		<b>Operator:</b>	Thomas.liu
<b>Comment:</b>	UI=120.03V II=0.131A WI=14.1W PF=0.896			
<b>Maximum intensity:</b>	568.716 cd			

Intensity [cd] 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)  
/ 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	561.8	562.9	563.3	560.4	562.6	556.8	558.6	559.5	557.3
1.00	562.0	563.3	562.4	561.5	562.9	558.8	560.2	559.1	563.3
2.00	561.8	562.4	560.9	566.0	562.2	562.6	566.5	552.1	556.1
3.00	563.3	560.9	560.2	563.5	563.5	562.6	564.9	560.4	555.7
4.00	562.0	561.1	562.6	562.9	562.4	558.8	559.7	562.6	562.4
5.00	562.4	559.7	560.9	560.4	561.1	559.3	563.3	562.4	563.1
6.00	560.9	560.4	561.8	562.2	560.4	565.3	562.2	561.1	560.6
7.00	560.0	560.2	561.8	559.5	559.3	559.1	562.2	554.1	557.9
8.00	558.6	558.4	559.5	557.5	557.7	557.9	560.2	556.6	558.4
9.00	556.6	556.6	555.0	557.9	556.6	555.7	560.4	556.8	557.5
10.00	555.2	555.7	556.8	557.0	555.0	551.9	559.5	553.7	556.6
11.00	554.3	552.8	552.5	557.9	555.7	555.5	555.7	550.5	551.9
12.00	552.3	552.1	551.6	552.1	553.0	549.6	555.7	549.8	550.5
13.00	550.1	549.2	549.6	551.6	551.4	553.0	552.3	555.0	551.6
14.00	546.7	546.7	547.8	549.6	548.9	546.9	542.4	550.5	547.8
15.00	543.8	545.8	546.0	546.0	546.7	546.2	549.2	541.5	544.4
16.00	542.2	542.7	542.7	543.3	544.7	543.8	545.6	542.2	539.1
17.00	539.5	539.1	540.6	540.2	540.4	542.7	541.5	542.7	546.5
18.00	535.9	537.5	536.1	536.6	537.3	537.0	538.6	536.4	536.8
19.00	533.4	533.2	533.7	535.7	533.9	539.3	531.9	533.7	540.6
20.00	531.2	530.1	529.8	533.2	530.7	532.3	531.2	531.0	532.5
21.00	527.6	527.4	528.9	528.5	528.7	526.0	526.5	527.4	540.9
22.00	524.5	523.1	525.8	523.3	523.8	525.6	526.7	526.7	522.9
23.00	519.1	519.7	518.2	520.6	519.7	522.7	522.2	523.6	525.6
24.00	516.6	516.4	515.5	517.3	517.3	518.8	520.0	515.9	514.1
25.00	513.4	512.1	512.8	514.8	511.9	514.8	520.0	516.6	513.0
26.00	510.1	508.9	509.6	510.1	508.7	513.0	506.2	514.8	507.8
27.00	506.0	505.1	504.0	505.1	504.0	506.5	500.9	508.5	506.7
28.00	501.8	501.3	501.8	499.1	501.3	501.3	503.6	500.2	498.8
29.00	497.3	496.4	495.9	496.1	496.8	497.3	497.0	493.9	502.4

## LEDVANCE Lighting Co.Ltd.

# 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)

Intensity [cd] 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)  
/ 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	493.4	491.4	491.4	491.0	491.2	489.6	490.5	494.6	499.1
31.00	488.7	487.6	488.7	484.7	485.4	482.9	488.5	484.9	488.0
32.00	484.2	482.4	482.0	481.5	480.0	481.3	475.2	480.0	480.2
33.00	479.1	477.5	480.0	473.2	474.8	478.6	478.4	477.7	473.4
34.00	474.3	473.9	471.4	472.3	469.8	469.6	471.9	472.1	476.6
35.00	468.5	468.7	470.1	462.9	464.7	466.7	462.4	466.9	466.9
36.00	463.8	463.1	465.1	459.3	458.4	460.0	461.8	458.2	453.9
37.00	457.5	458.2	460.2	453.7	453.4	451.4	445.8	453.2	457.0
38.00	452.1	453.7	451.2	448.1	445.8	447.4	445.6	449.2	445.8
39.00	447.4	447.2	447.2	441.3	439.1	442.2	434.6	440.0	439.3
40.00	440.0	440.9	442.7	432.3	432.8	431.0	432.5	435.5	433.4
41.00	433.0	433.9	435.2	430.3	427.2	422.4	424.2	427.4	431.0
42.00	425.1	426.5	427.4	422.4	420.2	420.4	416.1	423.3	424.9
43.00	418.8	419.5	422.2	417.7	413.0	410.8	407.4	407.4	409.4
44.00	410.5	411.7	415.0	411.0	406.7	401.1	400.9	407.6	405.4
45.00	402.7	402.7	407.6	402.0	398.6	396.6	393.0	393.7	400.9
46.00	392.8	393.7	400.6	395.7	390.8	393.4	380.2	385.1	389.2
47.00	383.1	384.0	390.5	391.0	383.6	381.5	371.0	381.8	380.9
48.00	373.0	373.7	381.8	382.7	376.4	373.7	358.4	376.6	380.9
49.00	362.4	364.0	373.9	371.9	368.3	368.1	345.6	367.8	370.3
50.00	352.6	352.6	362.0	365.8	361.1	359.1	336.8	364.5	360.4
51.00	342.9	344.0	352.3	352.1	352.6	346.5	324.7	346.0	349.2
52.00	332.3	333.7	340.6	345.8	342.7	340.4	316.8	338.6	342.4
53.00	323.6	324.2	331.0	335.7	335.3	330.1	302.7	330.1	333.9
54.00	315.5	314.6	319.7	324.7	327.2	323.8	296.4	319.1	324.9
55.00	304.9	305.1	309.9	314.6	317.5	316.2	282.4	317.5	315.5
56.00	296.6	295.7	299.1	305.6	308.5	305.4	268.5	300.9	305.4
57.00	278.4	285.8	288.7	291.4	299.5	296.2	261.1	292.8	296.8
58.00	227.2	263.8	277.5	279.5	289.4	286.5	248.7	280.7	283.3
59.00	172.6	202.5	267.6	267.6	278.6	275.0	238.6	266.0	276.4
60.00	152.1	156.6	257.1	256.2	267.8	258.9	229.6	253.2	265.4
61.00	145.4	144.5	235.9	244.2	255.9	244.7	217.3	246.9	250.1
62.00	138.6	137.5	177.3	233.2	245.1	229.0	207.4	230.8	242.0
63.00	132.6	131.0	137.3	222.2	231.7	211.9	196.8	216.6	230.1
64.00	127.2	125.4	126.5	211.7	218.9	200.7	182.7	204.9	219.3
65.00	117.7	119.8	119.5	197.5	204.3	184.5	168.5	187.6	207.2
66.00	67.4	97.5	112.8	160.9	190.3	172.6	154.1	168.1	188.7
67.00	33.7	42.9	107.0	112.4	175.5	160.9	142.9	156.4	174.6
68.00	31.2	31.0	99.5	97.7	160.2	148.3	128.1	142.2	158.4

## LEDVANCE Lighting Co.Ltd.

# 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)

Intensity [cd] 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)  
/ 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	29.4	29.0	53.9	91.5	139.1	127.9	115.9	115.9	141.8
70.00	27.9	27.2	28.1	82.7	126.1	111.5	100.7	105.2	126.1
71.00	26.3	25.6	26.1	72.6	107.6	96.4	83.1	85.8	105.8
72.00	24.5	24.0	24.3	53.3	88.1	79.3	69.2	73.7	87.9
73.00	22.5	22.0	22.2	21.8	60.2	64.7	56.0	57.1	70.1
74.00	20.2	19.8	20.4	19.5	42.5	52.6	40.9	47.2	50.3
75.00	17.8	17.5	18.7	17.5	35.5	38.4	30.1	35.5	35.5
76.00	15.7	15.3	16.4	15.7	27.9	27.0	19.5	22.9	26.3
77.00	14.4	13.9	14.2	13.7	18.7	16.9	11.5	14.2	18.0
78.00	13.0	12.4	12.4	11.9	11.7	11.9	10.1	11.5	11.9
79.00	11.2	11.0	11.0	10.1	9.9	9.9	8.5	9.7	9.9
80.00	9.9	9.4	9.7	8.8	8.3	7.9	6.7	7.4	7.9
81.00	8.3	7.9	8.1	7.4	6.7	5.6	5.2	5.6	6.3
82.00	7.0	6.5	6.7	6.1	5.6	4.3	4.0	4.5	4.9
83.00	5.8	5.4	5.6	4.7	4.5	3.4	3.1	3.6	4.0
84.00	4.7	4.3	4.3	3.8	3.6	2.7	2.5	2.5	3.1
85.00	3.6	3.4	3.4	2.9	2.7	2.0	1.6	1.8	2.2
86.00	2.9	2.5	2.7	2.2	2.0	1.3	1.1	1.1	1.6
87.00	2.2	2.0	2.0	1.6	1.3	1.1	0.7	0.9	1.1
88.00	1.6	1.3	1.3	1.1	1.1	0.9	0.7	0.7	0.9
89.00	1.1	1.1	1.1	0.9	0.9	0.7	0.7	0.7	0.9
90.00	0.9	0.9	0.9	0.7	0.7	0.7	0.7	0.7	0.7
91.00	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
92.00	0.9	0.9	0.7	0.7	0.7	0.7	0.4	0.7	0.7
93.00	0.9	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7
94.00	0.9	0.9	0.7	0.9	0.7	0.7	0.7	0.7	0.7
95.00	0.9	0.7	0.9	0.7	0.7	0.7	0.7	0.7	0.7
96.00	0.7	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7
97.00	0.9	0.7	0.7	0.7	0.9	0.7	0.7	0.7	0.7
98.00	0.7	0.9	0.9	0.7	0.7	0.7	0.7	0.7	0.7
99.00	0.9	0.7	0.7	0.9	0.9	0.7	0.7	0.7	0.7
100.00	0.9	0.9	0.9	0.9	0.9	0.7	0.7	0.7	0.7
101.00	0.9	0.9	0.9	0.9	0.9	0.7	0.7	0.7	0.7
102.00	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.7	0.9
103.00	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.9	0.9
104.00	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.9	0.9
105.00	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.9	0.9
106.00	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.9	0.9
107.00	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.9	0.9

## LEDVANCE Lighting Co.Ltd.

# 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)

Intensity [cd] 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)  
/ 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	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.9	0.9
109.00	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.9	0.9
110.00	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.9	0.9
111.00	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.9	0.9
112.00	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.9	0.9
113.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
114.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
115.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
116.00	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
117.00	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.1
118.00	1.1	1.1	1.1	0.9	0.9	0.9	0.9	0.9	0.9
119.00	0.9	1.1	1.1	1.1	0.9	0.9	0.9	1.1	0.9
120.00	1.1	1.1	0.9	0.9	0.9	0.9	0.9	1.1	1.1
121.00	1.1	1.1	1.1	1.1	1.1	1.1	0.9	1.1	1.1
122.00	1.1	1.1	1.1	1.1	1.1	1.1	0.9	1.1	1.1
123.00	1.1	1.1	1.1	1.1	1.1	1.1	0.9	1.1	1.1
124.00	1.1	1.1	1.1	1.1	1.1	1.1	0.9	1.1	1.1
125.00	1.1	1.1	1.1	1.1	1.1	1.1	0.9	1.1	1.1
126.00	1.1	1.1	1.1	1.1	1.1	1.1	0.9	1.1	1.1
127.00	1.1	1.1	1.1	1.1	1.1	1.1	0.9	1.1	1.1
128.00	1.1	1.1	1.1	1.1	1.1	1.1	0.9	1.1	1.1
129.00	1.1	1.1	1.1	1.1	1.1	1.1	0.9	1.1	1.1
130.00	1.1	1.1	1.1	1.1	1.1	1.1	0.9	1.1	1.1
131.00	1.1	1.1	1.1	1.1	1.1	1.1	0.9	1.1	1.1
132.00	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
133.00	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
134.00	1.1	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1
135.00	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1
136.00	1.3	1.3	1.3	1.1	1.3	1.1	1.1	1.1	1.3
137.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.1
138.00	1.3	1.3	1.1	1.3	1.3	1.3	1.1	1.3	1.3
139.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
140.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
141.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
142.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
143.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
144.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
145.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
146.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3

## LEDVANCE Lighting Co.Ltd.

# 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)

Intensity [cd] 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)  
/ 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	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
148.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
149.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
150.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
151.00	1.3	1.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3
152.00	1.6	1.6	1.6	1.6	1.6	1.3	1.3	1.3	1.3
153.00	1.6	1.6	1.3	1.3	1.3	1.6	1.3	1.3	1.3
154.00	1.6	1.6	1.6	1.3	1.3	1.3	1.3	1.3	1.3
155.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.3	1.3
156.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.3	1.3
157.00	1.6	1.6	1.6	1.3	1.6	1.3	1.3	1.3	1.3
158.00	1.6	1.6	1.6	1.6	1.6	1.3	1.3	1.3	1.6
159.00	1.6	1.6	1.6	1.6	1.6	1.3	1.3	1.6	1.6
160.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
161.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
162.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
163.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
164.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
165.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
166.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
167.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
168.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
169.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
170.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
171.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
172.00	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.6	1.6
173.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
174.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
175.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
176.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
177.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
178.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
179.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
180.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6

G/C [cd]	135.00	150.00	165.00	180.00	195.00	210.00	225.00	240.00	255.00
0.00	551.6	559.3	553.9	561.8	562.9	563.3	560.4	562.6	556.8
1.00	558.6	559.5	556.8	562.2	564.4	562.0	558.6	562.9	558.6
2.00	558.8	559.7	554.6	562.6	563.5	562.4	564.7	563.1	557.0

## LEDVANCE Lighting Co.Ltd.

# 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)

Intensity [cd] 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)  
/ 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	561.3	557.9	554.3	562.2	562.9	562.6	560.4	561.5	556.1
4.00	559.3	558.4	552.3	562.6	560.2	562.0	562.6	561.1	560.2
5.00	557.3	558.8	554.1	562.0	560.6	559.3	559.1	562.4	562.4
6.00	553.7	560.9	553.4	560.0	560.0	560.0	558.8	560.4	557.9
7.00	556.8	556.6	553.4	559.1	558.2	558.8	559.5	559.1	559.1
8.00	553.4	555.9	549.6	557.7	557.9	556.8	558.8	556.4	549.2
9.00	551.0	554.6	552.5	556.8	556.6	557.9	554.1	555.7	554.6
10.00	562.0	558.4	550.7	555.7	554.8	553.7	555.9	552.5	553.2
11.00	552.8	554.6	545.6	554.6	553.4	553.9	551.4	551.0	554.3
12.00	549.4	545.6	543.1	552.1	551.2	551.6	549.4	549.2	548.9
13.00	548.9	552.8	541.8	549.2	549.2	548.7	546.5	547.8	551.2
14.00	546.2	545.1	542.9	547.1	547.8	545.3	546.7	546.2	534.8
15.00	542.0	542.0	538.4	544.4	543.1	544.4	544.2	542.9	544.4
16.00	544.9	540.6	535.7	541.3	542.0	539.7	541.3	541.1	535.7
17.00	540.4	538.8	533.9	539.1	540.2	536.1	538.4	537.5	538.8
18.00	538.8	534.6	532.1	536.8	535.9	534.1	535.7	533.4	533.2
19.00	534.1	528.7	531.0	534.3	533.7	531.6	532.1	531.4	528.3
20.00	533.2	531.9	524.7	531.0	531.0	530.1	528.7	528.7	528.3
21.00	530.5	526.5	524.0	528.7	527.8	523.3	523.3	525.1	523.8
22.00	520.4	526.0	524.0	524.0	522.7	522.2	518.8	520.9	525.3
23.00	522.4	524.0	515.2	521.1	519.3	517.9	519.5	516.6	517.0
24.00	515.9	521.3	514.3	517.9	517.3	515.0	514.3	512.1	511.4
25.00	514.8	515.0	509.6	512.5	512.3	509.4	512.5	508.9	508.0
26.00	512.8	508.7	507.1	508.5	509.8	505.8	506.9	505.1	498.8
27.00	509.6	501.1	502.0	505.1	504.9	503.6	501.5	498.8	500.9
28.00	502.0	499.3	497.0	501.3	500.9	497.0	497.9	495.2	493.2
29.00	497.9	494.1	490.1	496.8	495.7	492.8	491.6	490.3	488.5
30.00	491.4	489.6	489.4	491.9	490.7	488.0	485.1	484.2	483.3
31.00	487.8	483.6	480.9	487.1	487.4	483.6	485.1	479.5	475.2
32.00	481.5	480.9	480.2	482.2	482.2	479.1	478.4	473.9	482.4
33.00	476.4	473.0	473.7	477.3	477.7	472.8	472.8	470.1	470.3
34.00	468.3	471.2	468.5	472.1	471.4	469.4	466.3	464.0	461.1
35.00	462.7	466.0	462.7	467.2	464.7	461.5	460.2	457.5	455.7
36.00	455.7	460.4	462.0	460.9	460.2	456.8	458.4	452.1	449.2
37.00	457.7	458.6	455.2	454.6	455.2	451.9	449.4	444.7	444.9
38.00	451.2	448.7	449.2	449.0	449.4	444.9	445.1	439.7	441.3
39.00	440.4	446.0	443.1	442.4	442.0	439.1	437.7	433.7	431.0
40.00	437.5	440.9	433.4	435.7	434.8	431.6	430.3	425.1	424.7
41.00	426.7	433.0	430.3	428.3	429.0	425.8	425.6	418.2	417.3

## LEDVANCE Lighting Co.Ltd.

# 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)

Intensity [cd] 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)  
/ 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	424.2	426.3	420.4	419.5	422.0	418.4	417.5	412.3	409.6
43.00	415.9	419.3	416.1	412.1	413.2	411.2	410.8	405.6	404.7
44.00	410.8	413.7	409.4	402.7	405.4	402.9	402.9	398.6	396.4
45.00	402.7	404.2	401.1	393.4	396.4	393.0	395.7	391.9	386.3
46.00	393.2	397.9	395.9	384.0	386.9	386.3	389.6	382.2	376.8
47.00	387.2	389.2	383.1	374.8	377.0	376.8	380.2	375.2	366.5
48.00	379.1	386.7	374.4	366.0	366.3	369.0	373.0	367.2	361.5
49.00	370.5	373.2	366.0	357.0	357.9	357.7	362.2	358.8	351.7
50.00	360.4	365.4	357.5	348.1	349.4	347.6	355.0	350.8	337.7
51.00	352.3	353.5	346.7	339.5	340.0	337.3	346.5	342.7	325.4
52.00	345.6	341.5	337.3	330.1	331.0	328.3	333.9	334.1	314.6
53.00	334.8	336.6	327.4	320.6	321.5	318.8	326.0	324.0	303.3
54.00	327.2	328.5	315.9	311.0	312.1	308.5	316.6	315.0	293.0
55.00	317.1	313.0	304.7	301.1	301.8	299.1	306.5	306.5	281.1
56.00	306.3	303.1	293.2	290.1	292.1	289.4	295.0	297.7	266.5
57.00	294.8	290.3	282.2	280.7	281.5	278.9	283.6	285.4	258.9
58.00	285.1	278.2	273.0	271.7	271.0	269.0	272.6	275.3	245.1
59.00	271.4	264.7	260.9	257.3	261.6	257.1	262.4	264.9	236.2
60.00	260.2	256.8	222.5	199.3	248.3	246.7	251.2	253.9	226.5
61.00	246.9	244.5	166.3	151.7	203.8	235.0	240.9	242.0	215.7
62.00	236.2	231.2	142.0	137.7	149.4	224.0	228.3	231.0	205.6
63.00	222.7	198.4	133.7	130.6	131.4	201.6	216.8	218.4	196.8
64.00	210.5	145.8	125.4	123.8	124.3	142.9	204.9	205.4	186.3
65.00	198.2	122.5	119.5	119.1	117.3	115.7	193.7	192.3	174.8
66.00	186.7	115.7	113.7	88.5	111.9	108.8	180.7	179.5	163.1
67.00	167.2	108.3	67.2	37.5	86.3	101.3	169.6	166.7	147.4
68.00	117.5	102.2	31.0	31.5	36.4	95.0	138.0	151.4	133.5
69.00	93.9	83.1	28.8	29.4	30.1	75.5	95.7	131.9	119.5
70.00	85.8	31.5	27.0	27.6	28.3	30.6	82.0	117.7	106.5
71.00	73.7	25.6	25.2	25.4	26.3	26.3	74.2	102.2	96.2
72.00	62.9	23.6	23.6	22.5	24.0	24.3	61.8	85.2	79.5
73.00	26.5	21.8	21.8	19.3	21.1	22.2	44.0	70.8	68.8
74.00	19.1	20.0	19.3	16.4	18.2	19.8	21.6	48.5	53.5
75.00	17.1	18.2	16.9	14.8	15.5	16.9	19.1	31.7	44.9
76.00	15.1	15.7	14.2	13.3	13.7	13.9	16.6	25.6	32.6
77.00	13.3	13.5	11.9	11.7	12.4	12.1	14.4	18.4	21.8
78.00	11.2	11.0	10.3	10.1	10.8	10.8	11.9	12.1	13.0
79.00	9.2	9.4	9.2	8.5	9.2	9.2	9.9	10.1	11.2
80.00	7.4	8.1	8.1	7.2	7.6	7.9	8.3	8.1	9.7



## LEDVANCE Lighting Co.Ltd.

# 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)

Intensity [cd] 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)  
/ 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	6.3	7.0	6.7	5.8	6.3	6.5	7.0	6.5	7.6
82.00	5.2	5.8	5.6	4.7	5.2	5.2	5.8	5.2	5.8
83.00	4.0	4.7	4.5	3.6	4.0	4.0	4.5	4.3	4.3
84.00	3.4	3.6	3.4	2.9	3.1	3.1	3.4	3.4	3.4
85.00	2.5	2.7	2.5	2.0	2.2	2.2	2.7	2.5	2.5
86.00	1.8	2.0	1.8	1.6	1.8	1.6	2.0	1.8	1.8
87.00	1.3	1.6	1.3	1.1	1.1	1.1	1.3	1.3	1.3
88.00	0.9	1.1	0.9	0.7	0.9	0.9	0.9	0.9	0.9
89.00	0.9	0.7	0.9	0.7	0.7	0.7	0.7	0.7	0.7
90.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
91.00	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
92.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
93.00	0.7	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7
94.00	0.7	0.7	0.7	0.9	0.9	0.7	0.7	0.7	0.7
95.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
96.00	0.7	0.7	0.9	0.7	0.7	0.7	0.7	0.7	0.7
97.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
98.00	0.7	0.7	0.9	0.9	0.7	0.7	0.7	0.7	0.7
99.00	0.7	0.9	0.9	0.9	0.7	0.7	0.7	0.7	0.7
100.00	0.9	0.9	0.9	0.9	0.7	0.7	0.7	0.7	0.7
101.00	0.9	0.9	0.9	0.9	0.7	0.7	0.7	0.7	0.7
102.00	0.9	0.9	0.9	0.9	0.9	0.7	0.7	0.7	0.7
103.00	0.9	0.9	0.9	1.1	0.9	0.7	0.7	0.7	0.7
104.00	0.9	0.9	0.9	0.7	0.9	0.7	0.7	0.7	0.7
105.00	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.7	0.7
106.00	0.9	0.9	1.1	0.9	0.9	0.9	0.7	0.7	0.7
107.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.7
108.00	0.9	0.9	1.1	0.9	0.9	0.9	0.7	0.7	0.7
109.00	0.9	0.9	1.1	0.9	0.9	0.9	0.9	0.9	0.9
110.00	0.9	0.9	1.1	0.9	0.9	0.9	0.9	0.7	0.7
111.00	0.9	0.9	1.1	1.1	0.9	0.9	0.9	0.9	0.9
112.00	0.9	1.1	1.1	1.1	0.9	0.9	0.9	0.9	0.9
113.00	0.9	0.9	1.1	0.9	0.9	0.9	0.9	0.9	0.9
114.00	0.9	0.9	1.1	0.9	0.9	0.9	0.9	0.9	0.9
115.00	0.9	1.1	1.1	0.9	0.9	0.9	0.9	0.9	0.9
116.00	1.1	1.1	1.1	0.9	0.9	0.9	0.9	0.9	0.9
117.00	0.9	1.1	1.1	0.9	0.9	0.9	0.9	0.9	0.9
118.00	1.1	1.1	1.1	0.9	0.9	0.9	0.9	0.9	0.9
119.00	1.1	1.1	1.1	0.9	0.9	0.9	0.9	0.9	0.9

## LEDVANCE Lighting Co.Ltd.

# 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)

Intensity [cd] 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)  
/ 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	1.1	1.1	1.1	1.1	0.9	1.1	0.9	0.9	0.9
121.00	1.1	1.1	1.1	0.9	0.9	0.9	0.9	0.9	0.9
122.00	1.1	1.1	1.1	1.1	0.9	0.9	0.9	0.9	0.9
123.00	1.1	1.1	1.1	0.9	1.1	1.1	0.9	0.9	0.9
124.00	1.1	1.1	1.1	1.1	1.1	1.1	0.9	0.9	0.9
125.00	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
126.00	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.9
127.00	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
128.00	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
129.00	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
130.00	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
131.00	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
132.00	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
133.00	1.1	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1
134.00	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1
135.00	1.3	1.1	1.3	1.1	1.1	1.1	1.1	1.1	1.1
136.00	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1
137.00	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1
138.00	1.1	1.3	1.3	1.1	1.3	1.1	1.1	1.1	1.1
139.00	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1
140.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.1	1.3
141.00	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3	1.3
142.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.1
143.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
144.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
145.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
146.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
147.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
148.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
149.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
150.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
151.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
152.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
153.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
154.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
155.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
156.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
157.00	1.3	1.6	1.3	1.6	1.3	1.3	1.3	1.6	1.3
158.00	1.6	1.3	1.6	1.3	1.6	1.3	1.6	1.3	1.3

## LEDVANCE Lighting Co.Ltd.

# 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)

Intensity [cd] 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)  
/ 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	1.3	1.6	1.3	1.6	1.6	1.3	1.3	1.6	1.6
160.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
161.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
162.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
163.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
164.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
165.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
166.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
167.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
168.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
169.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
170.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
171.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
172.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
173.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
174.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
175.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
176.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
177.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
178.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
179.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
180.00	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
0.00	558.6	559.5	557.3	551.6	559.3	553.9
1.00	564.9	562.4	560.6	555.9	559.5	548.0
2.00	567.1	558.8	561.1	553.7	557.5	554.3
3.00	563.3	568.7	558.8	552.3	557.7	551.2
4.00	562.9	554.8	555.0	550.5	556.8	556.6
5.00	563.8	553.4	555.7	554.1	553.4	557.3
6.00	554.1	550.3	552.5	553.9	553.0	553.9
7.00	561.8	554.3	555.5	554.6	554.1	554.6
8.00	557.7	546.2	552.3	552.8	550.1	549.8
9.00	554.8	551.6	546.5	551.2	549.4	548.5
10.00	553.9	547.4	549.2	548.7	547.1	546.2
11.00	560.6	544.4	545.1	549.8	545.1	544.2
12.00	552.5	542.9	542.2	543.3	543.1	542.0
13.00	546.2	538.6	540.6	536.8	541.3	541.8
14.00	550.1	544.2	536.4	540.9	538.4	536.1

## LEDVANCE Lighting Co.Ltd.

# 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)

Intensity [cd] 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)  
/ C-Plane\_measurement

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
15.00	550.5	541.8	535.9	541.5	537.3	537.7
16.00	544.0	535.7	529.4	536.6	535.9	536.6
17.00	539.7	529.8	526.5	534.1	529.6	533.7
18.00	535.5	526.5	526.5	524.0	527.8	529.8
19.00	537.3	517.9	515.9	527.1	524.9	523.6
20.00	533.9	518.2	527.8	521.8	523.1	523.8
21.00	529.8	511.0	515.7	514.6	516.4	514.3
22.00	519.3	513.2	518.4	511.2	516.1	514.1
23.00	521.5	502.4	504.2	508.3	508.0	512.5
24.00	519.5	509.6	504.7	504.9	505.6	504.9
25.00	515.2	496.4	493.9	502.0	503.3	503.3
26.00	504.0	489.4	490.5	494.3	498.4	498.2
27.00	502.9	489.4	487.1	492.8	496.4	495.5
28.00	498.4	482.4	486.7	491.9	489.8	490.1
29.00	494.3	477.0	472.1	481.1	479.7	487.6
30.00	481.8	468.9	476.1	477.0	481.5	482.0
31.00	475.5	466.5	472.1	471.4	473.2	479.5
32.00	482.2	464.5	463.6	466.7	464.9	472.5
33.00	476.8	453.2	457.3	458.4	464.9	468.3
34.00	468.3	443.8	448.7	454.8	461.5	462.0
35.00	461.3	438.6	444.9	448.7	450.5	454.8
36.00	455.0	435.2	433.0	442.9	449.6	453.4
37.00	449.0	432.3	433.0	435.0	442.2	447.6
38.00	445.6	424.5	421.3	431.2	437.5	440.4
39.00	432.5	416.8	416.4	424.9	428.1	431.9
40.00	423.8	406.9	411.4	416.6	420.9	422.7
41.00	415.2	399.5	401.5	406.0	414.6	422.9
42.00	415.5	391.7	400.6	401.3	405.6	411.9
43.00	405.1	384.2	390.3	396.8	399.7	408.7
44.00	401.5	377.7	382.7	389.9	391.7	397.7
45.00	392.3	369.4	374.4	377.9	383.8	387.8
46.00	384.2	356.1	365.6	373.9	374.6	383.8
47.00	377.3	346.0	354.4	366.7	367.2	370.5
48.00	368.5	339.1	338.4	354.4	358.8	366.3
49.00	356.6	325.6	334.8	348.1	350.8	351.0
50.00	353.7	312.1	323.1	337.3	337.7	344.5
51.00	344.7	306.0	312.6	330.3	326.9	330.8
52.00	333.9	293.0	303.8	316.8	318.0	325.6
53.00	328.1	285.6	289.9	306.5	307.2	314.6

## LEDVANCE Lighting Co.Ltd.

# 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)

Intensity [cd] 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)  
/ C-Plane\_measurement

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
54.00	320.6	278.0	280.9	292.8	301.3	305.8
55.00	306.7	268.1	269.6	280.9	291.4	295.7
56.00	296.8	258.0	261.3	270.5	278.9	286.5
57.00	286.9	249.6	252.6	261.6	268.5	277.5
58.00	274.4	244.9	242.0	245.8	257.7	269.2
59.00	263.8	232.8	236.2	234.4	246.3	231.2
60.00	257.1	223.4	222.7	225.1	235.7	172.8
61.00	240.0	215.9	214.4	216.4	220.7	144.7
62.00	224.9	204.0	205.4	204.0	180.4	136.8
63.00	210.8	193.0	194.4	192.6	131.0	129.9
64.00	193.0	182.0	182.9	183.1	116.4	122.5
65.00	177.5	168.1	173.0	174.1	109.0	116.6
66.00	162.9	153.0	158.9	161.6	101.3	110.1
67.00	153.2	139.3	145.8	125.8	93.5	67.2
68.00	143.4	127.9	131.2	93.3	88.8	32.8
69.00	128.3	116.4	118.4	82.9	59.1	30.8
70.00	108.3	107.4	107.6	76.8	29.0	29.0
71.00	98.2	98.2	97.5	68.8	26.7	27.2
72.00	78.6	77.1	88.1	62.9	24.9	25.4
73.00	68.5	68.1	65.8	42.2	23.1	23.4
74.00	51.9	51.5	42.0	21.8	21.3	20.9
75.00	41.3	42.9	34.2	19.8	19.1	17.8
76.00	31.5	31.9	27.9	17.5	16.2	14.8
77.00	22.9	22.0	22.0	15.5	13.3	12.1
78.00	13.7	13.3	12.8	13.3	10.6	10.6
79.00	11.9	10.8	10.6	11.0	9.2	9.4
80.00	9.9	9.2	8.8	8.8	7.9	8.1
81.00	7.2	7.6	7.2	7.0	6.7	7.0
82.00	5.2	5.8	5.6	6.1	5.6	5.8
83.00	4.0	4.5	4.5	4.9	4.7	4.9
84.00	3.1	3.4	3.6	4.0	3.8	3.8
85.00	2.5	2.7	2.7	3.1	2.9	3.1
86.00	1.8	2.0	2.0	2.5	2.2	2.2
87.00	1.1	1.3	1.6	1.8	1.6	1.8
88.00	0.9	0.9	1.1	1.3	1.1	1.3
89.00	0.7	0.7	0.9	0.9	0.9	0.9
90.00	0.7	0.7	0.7	0.7	0.7	0.7
91.00	0.7	0.7	0.7	0.7	0.7	0.7
92.00	0.7	0.7	0.7	0.7	0.7	0.7

## LEDVANCE Lighting Co.Ltd.

# 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)

Intensity [cd] 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)  
/ C-Plane measurement

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
93.00	0.7	0.7	0.7	0.7	0.7	0.7
94.00	0.7	0.7	0.7	0.7	0.7	0.7
95.00	0.7	0.7	0.7	0.7	0.7	0.7
96.00	0.7	0.7	0.7	0.7	0.7	0.7
97.00	0.7	0.7	0.7	0.7	0.7	0.7
98.00	0.7	0.7	0.7	0.7	0.7	0.7
99.00	0.7	0.7	0.7	0.7	0.7	0.7
100.00	0.7	0.7	0.7	0.7	0.7	0.7
101.00	0.7	0.7	0.7	0.7	0.7	0.7
102.00	0.7	0.7	0.7	0.7	0.7	0.7
103.00	0.7	0.7	0.7	0.7	0.7	0.7
104.00	0.9	0.7	0.7	0.7	0.7	0.7
105.00	0.9	0.7	0.7	0.7	0.7	0.7
106.00	0.7	0.7	0.7	0.7	0.7	0.7
107.00	0.7	0.7	0.9	0.9	0.9	0.7
108.00	0.9	0.7	0.7	0.9	0.9	0.9
109.00	0.9	0.7	0.7	0.9	0.9	0.9
110.00	0.9	0.7	0.9	0.9	0.9	0.9
111.00	0.9	0.9	0.7	0.9	0.9	0.9
112.00	0.9	0.9	0.9	0.9	0.9	0.9
113.00	0.9	0.9	0.9	0.9	0.9	0.9
114.00	0.9	0.9	0.9	0.9	0.9	0.9
115.00	0.9	0.9	0.9	0.9	0.9	0.9
116.00	0.9	0.9	0.9	0.9	0.9	0.9
117.00	0.9	0.9	0.9	0.9	0.9	0.9
118.00	0.9	0.9	0.9	0.9	0.9	0.9
119.00	0.9	0.9	0.9	0.9	0.9	0.9
120.00	0.9	0.9	0.9	0.9	0.9	0.9
121.00	0.9	0.9	0.9	0.9	0.9	0.9
122.00	0.9	0.9	0.9	0.9	0.9	0.9
123.00	0.9	0.9	0.9	0.9	0.9	0.9
124.00	1.1	0.9	0.9	0.9	0.9	0.9
125.00	0.9	1.1	0.9	0.9	0.9	0.9
126.00	1.1	0.9	0.9	0.9	0.9	0.9
127.00	1.1	1.1	1.1	0.9	0.9	0.9
128.00	1.1	0.9	1.1	1.1	1.1	0.9
129.00	1.1	1.1	1.1	1.1	1.1	1.1
130.00	1.1	1.1	1.1	1.1	1.1	1.1
131.00	1.1	1.1	1.1	1.1	1.1	1.1

## LEDVANCE Lighting Co.Ltd.

# 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)

Intensity [cd] 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)  
/ C-Plane\_measurement

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
132.00	1.1	1.1	1.1	1.1	1.1	1.1
133.00	1.1	1.1	1.1	1.1	1.1	1.1
134.00	1.1	1.1	1.1	1.1	1.1	1.1
135.00	1.1	1.1	1.1	1.1	1.1	1.1
136.00	1.1	1.1	1.1	1.1	1.1	1.1
137.00	1.1	1.1	1.1	1.1	1.1	1.1
138.00	1.1	1.1	1.1	1.1	1.1	1.1
139.00	1.1	1.1	1.1	1.1	1.1	1.1
140.00	1.1	1.3	1.1	1.3	1.1	1.1
141.00	1.1	1.3	1.3	1.1	1.1	1.1
142.00	1.3	1.1	1.1	1.3	1.1	1.1
143.00	1.3	1.3	1.1	1.3	1.1	1.1
144.00	1.3	1.3	1.3	1.3	1.3	1.1
145.00	1.3	1.3	1.3	1.3	1.3	1.3
146.00	1.3	1.3	1.3	1.3	1.3	1.3
147.00	1.3	1.3	1.3	1.3	1.3	1.3
148.00	1.3	1.3	1.3	1.3	1.3	1.3
149.00	1.3	1.3	1.3	1.3	1.3	1.3
150.00	1.3	1.3	1.3	1.3	1.3	1.3
151.00	1.3	1.3	1.3	1.3	1.3	1.3
152.00	1.3	1.3	1.3	1.3	1.3	1.3
153.00	1.3	1.3	1.3	1.3	1.3	1.3
154.00	1.3	1.3	1.3	1.3	1.3	1.3
155.00	1.3	1.3	1.3	1.3	1.3	1.3
156.00	1.3	1.3	1.3	1.3	1.3	1.3
157.00	1.3	1.3	1.6	1.3	1.3	1.3
158.00	1.3	1.3	1.3	1.3	1.3	1.3
159.00	1.3	1.6	1.6	1.6	1.3	1.3
160.00	1.3	1.6	1.6	1.6	1.6	1.3
161.00	1.3	1.6	1.6	1.6	1.6	1.6
162.00	1.6	1.6	1.6	1.6	1.6	1.6
163.00	1.6	1.6	1.6	1.6	1.6	1.6
164.00	1.6	1.6	1.6	1.6	1.6	1.6
165.00	1.3	1.6	1.6	1.6	1.6	1.6
166.00	1.6	1.6	1.6	1.6	1.6	1.6
167.00	1.6	1.6	1.6	1.6	1.6	1.6
168.00	1.6	1.6	1.6	1.6	1.6	1.6
169.00	1.6	1.6	1.6	1.6	1.6	1.6
170.00	1.6	1.6	1.6	1.6	1.6	1.6

## LEDVANCE Lighting Co.Ltd.

24081730\_2500789\_fanguangdeng15W5000K  
120V60Hz-1#(wang.guohua)

Intensity [cd] 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)  
/ C-Plane\_measurement

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
171.00	1.6	1.6	1.6	1.6	1.6	1.6
172.00	1.6	1.6	1.6	1.6	1.6	1.6
173.00	1.6	1.6	1.6	1.6	1.6	1.6
174.00	1.6	1.6	1.6	1.6	1.6	1.6
175.00	1.6	1.6	1.6	1.6	1.6	1.6
176.00	1.6	1.6	1.6	1.6	1.6	1.6
177.00	1.6	1.6	1.6	1.6	1.6	1.6
178.00	1.6	1.6	1.6	1.6	1.6	1.6
179.00	1.6	1.6	1.6	1.6	1.6	1.6
180.00	1.6	1.6	1.6	1.6	1.6	1.6



# LEDVANCE Lighting Co.Ltd.

## PHOTOMETRIC RESULTS

<b>Program:</b>	Decostar C15 G1 180			
<b>Name:</b>	24081730_2500789_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)			
<b>Meas.-no.:</b>	1			
<b>Flux:</b>	1493.44 lm		<b>Operator:</b>	Thomas.liu
<b>Comment:</b>	UI=120.03V II=0.131A WI=14.1W PF=0.896			
<b>Maximum intensity:</b>	568.716 cd			

Zonal flux 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua) / 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	369.4	377.2	374.3	0.00	0.00	0.00	0.00
1.0	367.0	378.3	375.2	0.54	0.54	0.04	0.04
2.0	369.7	379.8	375.2	1.61	2.14	0.11	0.14
3.0	369.1	380.8	375.2	2.68	4.82	0.18	0.32
4.0	368.6	376.9	374.7	3.75	8.57	0.25	0.57
5.0	370.6	377.5	374.6	4.81	13.39	0.32	0.90
6.0	368.5	378.6	373.8	5.87	19.26	0.39	1.29
7.0	370.6	376.4	373.6	6.93	26.19	0.46	1.75
8.0	365.8	375.1	371.9	7.97	34.16	0.53	2.29
9.0	365.9	375.2	371.3	9.00	43.15	0.60	2.89
10.0	365.8	376.3	370.8	10.03	53.18	0.67	3.56
11.0	364.4	375.4	369.6	11.05	64.23	0.74	4.30
12.0	362.9	372.1	367.5	12.03	76.26	0.81	5.11
13.0	359.4	371.6	366.7	13.01	89.28	0.87	5.98
14.0	358.1	368.6	364.8	13.98	103.26	0.94	6.91
15.0	358.8	368.6	363.8	14.94	118.20	1.00	7.91
16.0	354.5	365.3	361.8	15.88	134.08	1.06	8.98
17.0	352.5	365.9	360.2	16.79	150.87	1.12	10.10
18.0	350.9	360.8	357.6	17.67	168.54	1.18	11.29
19.0	345.5	362.0	355.6	18.53	187.07	1.24	12.53
20.0	347.0	357.5	354.3	19.40	206.48	1.30	13.83
21.0	342.1	362.2	351.4	20.24	226.72	1.36	15.18
22.0	342.3	352.7	349.3	21.03	247.75	1.41	16.59
23.0	336.4	351.9	346.6	21.80	269.55	1.46	18.05
24.0	337.9	349.1	344.3	22.56	292.11	1.51	19.56
25.0	330.7	348.2	341.7	23.29	315.40	1.56	21.12

## LEDVANCE Lighting Co.Ltd.

# 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)

Zonal flux 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua) /  
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	327.7	344.7	338.4	23.97	339.38	1.61	22.72
27.0	326.2	341.2	335.9	24.63	364.01	1.65	24.37
28.0	323.0	337.2	332.9	25.29	389.30	1.69	26.07
29.0	316.1	336.4	329.3	25.87	415.17	1.73	27.80
30.0	314.0	334.2	326.2	26.43	441.61	1.77	29.57
31.0	312.4	327.2	322.7	26.97	468.58	1.81	31.38
32.0	310.4	324.2	319.8	27.49	496.07	1.84	33.22
33.0	303.5	321.4	316.3	27.98	524.05	1.87	35.09
34.0	297.2	319.1	312.6	28.42	552.47	1.90	36.99
35.0	293.7	314.8	308.4	28.80	581.27	1.93	38.92
36.0	289.9	311.4	304.9	29.16	610.44	1.95	40.87
37.0	289.5	308.1	301.4	29.53	639.97	1.98	42.85
38.0	282.1	303.8	297.3	29.85	669.81	2.00	44.85
39.0	278.8	299.6	292.5	30.07	699.88	2.01	46.86
40.0	272.5	296.4	287.9	30.23	730.11	2.02	48.89
41.0	267.5	291.4	283.4	30.38	760.49	2.03	50.92
42.0	262.2	286.2	279.1	30.52	791.01	2.04	52.97
43.0	257.3	282.7	274.0	30.60	821.61	2.05	55.01
44.0	252.9	277.9	269.3	30.62	852.23	2.05	57.07
45.0	247.4	272.9	263.6	30.59	882.82	2.05	59.11
46.0	238.5	268.3	258.1	30.47	913.29	2.04	61.15
47.0	231.7	261.8	252.2	30.31	943.61	2.03	63.18
48.0	226.6	258.9	246.8	30.13	973.73	2.02	65.20
49.0	218.0	250.4	240.3	29.87	1003.61	2.00	67.20
50.0	209.0	244.9	234.2	29.55	1033.16	1.98	69.18
51.0	204.9	236.7	227.3	29.16	1062.31	1.95	71.13
52.0	196.2	231.6	221.0	28.73	1091.04	1.92	73.06
53.0	191.2	225.4	214.6	28.30	1119.34	1.89	74.95
54.0	186.1	220.0	208.5	27.85	1147.19	1.86	76.82
55.0	179.5	212.6	201.6	27.34	1174.53	1.83	78.65
56.0	172.7	206.6	194.5	26.73	1201.26	1.79	80.44
57.0	167.2	200.6	187.6	26.09	1227.35	1.75	82.18
58.0	152.1	193.8	178.9	25.31	1252.66	1.69	83.88
59.0	115.6	186.6	168.1	24.23	1276.89	1.62	85.50
60.0	101.9	179.3	156.2	22.88	1299.77	1.53	87.03

## LEDVANCE Lighting Co.Ltd.

# 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)

Zonal flux 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua) /  
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	96.7	171.4	144.6	21.44	1321.21	1.44	88.47
62.0	91.6	164.1	133.4	20.01	1341.22	1.34	89.81
63.0	87.0	155.1	123.1	18.63	1359.85	1.25	91.06
64.0	77.9	146.8	113.5	17.34	1377.19	1.16	92.22
65.0	73.0	138.7	105.4	16.18	1393.36	1.08	93.30
66.0	45.1	127.4	95.1	14.94	1408.30	1.00	94.30
67.0	22.6	117.5	80.4	13.18	1421.49	0.88	95.18
68.0	20.8	107.3	68.4	11.26	1432.74	0.75	95.94
69.0	19.3	94.9	57.7	9.61	1442.35	0.64	96.58
70.0	18.1	84.4	48.3	8.13	1450.48	0.54	97.12
71.0	16.9	72.1	42.4	7.00	1457.48	0.47	97.59
72.0	15.0	59.0	36.0	6.09	1463.57	0.41	98.00
73.0	12.9	47.4	28.0	5.00	1468.56	0.33	98.33
74.0	11.0	35.8	21.2	3.86	1472.43	0.26	98.59
75.0	9.9	30.1	17.2	3.03	1475.45	0.20	98.80
76.0	8.9	21.8	13.6	2.44	1477.90	0.16	98.96
77.0	7.7	15.3	10.4	1.91	1479.81	0.13	99.09
78.0	6.8	9.2	7.9	1.46	1481.27	0.10	99.18
79.0	5.7	8.0	6.7	1.17	1482.44	0.08	99.26
80.0	4.5	6.6	5.6	0.99	1483.43	0.07	99.33
81.0	3.5	5.6	4.6	0.82	1484.25	0.05	99.38
82.0	2.7	4.7	3.7	0.67	1484.92	0.04	99.43
83.0	2.1	3.9	3.0	0.54	1485.46	0.04	99.47
84.0	1.7	3.2	2.3	0.43	1485.88	0.03	99.49
85.0	1.1	2.4	1.7	0.33	1486.21	0.02	99.52
86.0	0.8	2.0	1.3	0.25	1486.46	0.02	99.53
87.0	0.5	1.5	0.9	0.18	1486.65	0.01	99.55
88.0	0.5	1.1	0.7	0.13	1486.78	0.01	99.55
89.0	0.5	0.8	0.5	0.10	1486.88	0.01	99.56
90.0	0.5	0.6	0.5	0.08	1486.96	0.01	99.57
91.0	0.5	0.6	0.5	0.08	1487.04	0.01	99.57
92.0	0.3	0.6	0.5	0.08	1487.12	0.01	99.58
93.0	0.5	0.6	0.5	0.08	1487.19	0.01	99.58
94.0	0.5	0.6	0.5	0.08	1487.27	0.01	99.59
95.0	0.5	0.6	0.5	0.08	1487.35	0.01	99.59

## LEDVANCE Lighting Co.Ltd.

# 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)

Zonal flux 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua) /  
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	0.5	0.6	0.5	0.08	1487.42	0.01	99.60
97.0	0.5	0.6	0.5	0.08	1487.50	0.01	99.60
98.0	0.5	0.6	0.5	0.08	1487.57	0.01	99.61
99.0	0.5	0.6	0.5	0.08	1487.65	0.01	99.61
100.0	0.5	0.6	0.5	0.08	1487.73	0.01	99.62
101.0	0.5	0.6	0.5	0.08	1487.81	0.01	99.62
102.0	0.5	0.6	0.5	0.08	1487.90	0.01	99.63
103.0	0.5	0.8	0.5	0.09	1487.98	0.01	99.63
104.0	0.5	0.6	0.5	0.09	1488.07	0.01	99.64
105.0	0.5	0.6	0.5	0.09	1488.15	0.01	99.65
106.0	0.5	0.8	0.5	0.09	1488.24	0.01	99.65
107.0	0.5	0.6	0.6	0.09	1488.33	0.01	99.66
108.0	0.5	0.8	0.6	0.09	1488.42	0.01	99.66
109.0	0.5	0.8	0.6	0.09	1488.51	0.01	99.67
110.0	0.5	0.8	0.6	0.09	1488.60	0.01	99.68
111.0	0.5	0.8	0.6	0.09	1488.69	0.01	99.68
112.0	0.5	0.8	0.6	0.09	1488.78	0.01	99.69
113.0	0.6	0.8	0.6	0.09	1488.87	0.01	99.69
114.0	0.6	0.8	0.6	0.09	1488.96	0.01	99.70
115.0	0.6	0.8	0.6	0.09	1489.05	0.01	99.71
116.0	0.6	0.8	0.6	0.09	1489.15	0.01	99.71
117.0	0.6	0.8	0.6	0.09	1489.24	0.01	99.72
118.0	0.6	0.8	0.6	0.09	1489.33	0.01	99.72
119.0	0.6	0.8	0.6	0.09	1489.42	0.01	99.73
120.0	0.6	0.8	0.7	0.09	1489.52	0.01	99.74
121.0	0.6	0.8	0.7	0.09	1489.61	0.01	99.74
122.0	0.6	0.8	0.7	0.09	1489.70	0.01	99.75
123.0	0.6	0.8	0.7	0.09	1489.80	0.01	99.76
124.0	0.6	0.8	0.7	0.09	1489.89	0.01	99.76
125.0	0.6	0.8	0.7	0.10	1489.99	0.01	99.77
126.0	0.6	0.8	0.7	0.09	1490.08	0.01	99.78
127.0	0.6	0.8	0.7	0.09	1490.18	0.01	99.78
128.0	0.6	0.8	0.7	0.09	1490.27	0.01	99.79
129.0	0.6	0.8	0.7	0.09	1490.37	0.01	99.79
130.0	0.6	0.8	0.7	0.09	1490.46	0.01	99.80

## LEDVANCE Lighting Co.Ltd.

# 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)

Zonal flux 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua) /  
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	0.09	1490.55	0.01	99.81
132.0	0.8	0.8	0.8	0.09	1490.64	0.01	99.81
133.0	0.8	0.9	0.8	0.09	1490.74	0.01	99.82
134.0	0.8	0.9	0.8	0.09	1490.83	0.01	99.83
135.0	0.8	0.9	0.8	0.09	1490.92	0.01	99.83
136.0	0.8	0.9	0.8	0.09	1491.01	0.01	99.84
137.0	0.8	0.9	0.8	0.09	1491.10	0.01	99.84
138.0	0.8	0.9	0.8	0.09	1491.19	0.01	99.85
139.0	0.8	0.9	0.8	0.09	1491.28	0.01	99.86
140.0	0.7	0.9	0.9	0.09	1491.37	0.01	99.86
141.0	0.8	0.9	0.9	0.09	1491.46	0.01	99.87
142.0	0.8	0.9	0.9	0.09	1491.55	0.01	99.87
143.0	0.8	0.9	0.9	0.09	1491.63	0.01	99.88
144.0	0.8	0.9	0.9	0.09	1491.72	0.01	99.88
145.0	0.8	0.9	0.9	0.08	1491.80	0.01	99.89
146.0	0.8	0.9	0.9	0.08	1491.89	0.01	99.90
147.0	0.9	0.9	0.9	0.08	1491.97	0.01	99.90
148.0	0.9	0.9	0.9	0.08	1492.05	0.01	99.91
149.0	0.9	0.9	0.9	0.08	1492.13	0.01	99.91
150.0	0.9	0.9	0.9	0.08	1492.20	0.01	99.92
151.0	0.9	1.1	0.9	0.07	1492.27	0.00	99.92
152.0	0.9	1.1	0.9	0.07	1492.35	0.00	99.93
153.0	0.9	1.1	0.9	0.07	1492.42	0.00	99.93
154.0	0.9	1.1	0.9	0.07	1492.48	0.00	99.94
155.0	0.9	1.1	0.9	0.07	1492.55	0.00	99.94
156.0	0.9	1.1	0.9	0.06	1492.61	0.00	99.94
157.0	0.9	1.1	1.0	0.06	1492.67	0.00	99.95
158.0	0.9	1.1	1.0	0.06	1492.73	0.00	99.95
159.0	0.9	1.1	1.0	0.06	1492.79	0.00	99.96
160.0	0.9	1.1	1.0	0.06	1492.85	0.00	99.96
161.0	0.9	1.1	1.0	0.06	1492.91	0.00	99.96
162.0	0.9	1.1	1.0	0.05	1492.96	0.00	99.97
163.0	0.9	1.1	1.0	0.05	1493.01	0.00	99.97
164.0	0.9	1.1	1.0	0.05	1493.06	0.00	99.97
165.0	0.9	1.1	1.0	0.05	1493.11	0.00	99.98

## LEDVANCE Lighting Co.Ltd.

# 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua)

Zonal flux 24081730\_2500789\_fanguangdeng15W5000K 120V60Hz-1#(wang.guohua) /  
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	1.1	1.0	0.04	1493.15	0.00	99.98
167.0	0.9	1.1	1.0	0.04	1493.19	0.00	99.98
168.0	0.9	1.1	1.0	0.04	1493.23	0.00	99.99
169.0	0.9	1.1	1.0	0.03	1493.26	0.00	99.99
170.0	0.9	1.1	1.0	0.03	1493.29	0.00	99.99
171.0	1.1	1.1	1.1	0.03	1493.32	0.00	99.99
172.0	0.9	1.1	1.0	0.03	1493.35	0.00	99.99
173.0	1.1	1.1	1.1	0.02	1493.37	0.00	100.00
174.0	1.1	1.1	1.1	0.02	1493.39	0.00	100.00
175.0	1.1	1.1	1.1	0.02	1493.41	0.00	100.00
176.0	1.1	1.1	1.1	0.01	1493.42	0.00	100.00
177.0	1.1	1.1	1.1	0.01	1493.43	0.00	100.00
178.0	1.1	1.1	1.1	0.01	1493.44	0.00	100.00
179.0	1.1	1.1	1.1	0.00	1493.44	0.00	100.00
180.0	1.1	1.1	1.1	0.00	1493.44	0.00	100.00

# LEDVANCE Lighting Co.Ltd.

## PHOTOMETRIC RESULTS

<b>Program:</b>	Decostar C15 G1 180			
<b>Name:</b>	24081730_2500789_fanguangdeng15W5000K 120V60Hz-1#(wang.quohua)			
<b>Meas.-no.:</b>	1			
<b>Flux:</b>	1493.44 lm		<b>Operator:</b>	Thomas.liu
<b>Comment:</b>	UI=120.03V II=0.131A WI=14.1W PF=0.896			
<b>Maximum intensity:</b>	568.716 cd			

## Protocol

<b>LiTG-class:</b>	A42									
<b>UTE-class:</b>	1.00 D									
<b>IES-class:</b>	52 - 87 - 99 - 100 - 100									
<b>TM5-class:</b>	BZ3									
<b>Divergences in the plane through maximum intensity:</b>					Horizontal		Vertical			
<b>One half peak divergence:</b>					112.2°		113.7°			
<b>Half peak side angle (left):</b>					-57.3°		-56.9°			
<b>Half peak side angle (right):</b>					54.9°		56.8°			
<b>One tenth peak divergence:</b>					146.7°		133.0°			
<b>Tenth peak side angle (left):</b>					-73.7°		-66.6°			
<b>Tenth peak side angle (right):</b>					72.9°		66.3°			
<b>C-planes:</b>	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°						
<b>Gamma:</b>	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°									