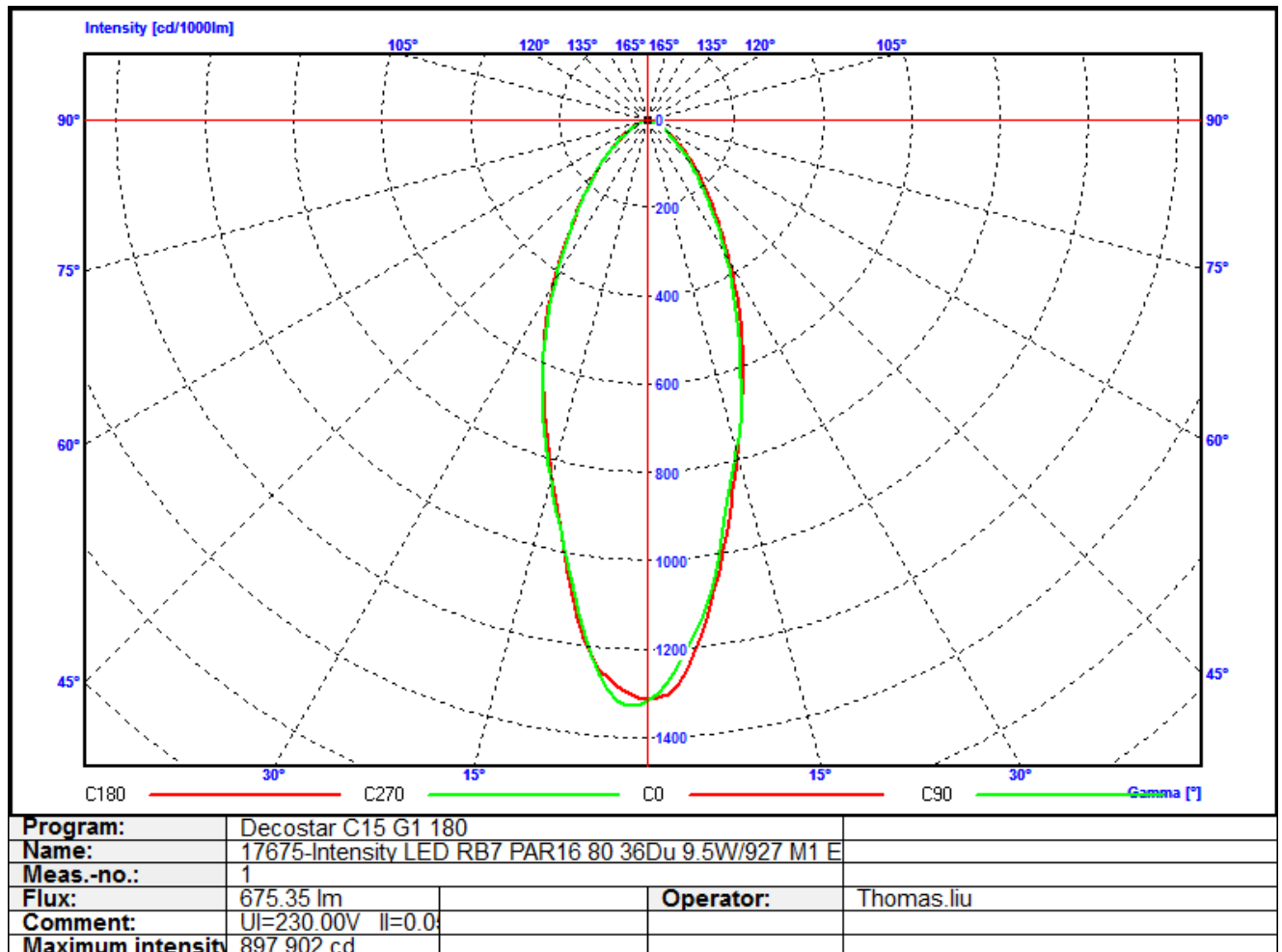


LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	Decostar C15 G1 180		
Name:	17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi)		
Meas.-no.:	1		
Flux:	675.35 lm		Operator: Thomas.liu
Comment:	UI=230.00V II=0.051A WI=9.02W PF=0.7670		
Maximum intensity:	897.902 cd		

Polar diagram 17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi) / C-Plane measurement



LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	Decostar C15 G1 180		
Name:	17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi)		
Meas.-no.:	1		
Flux:	675.35 lm		Operator: Thomas.liu
Comment:	UI=230.00V II=0.051A WI=9.02W PF=0.7670		
Maximum intensity:	897.902 cd		

Intensity [cd] 17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi) / 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	884.9	883.3	880.8	878.4	881.3	877.9	886.9	884.2	887.1
1.00	882.8	878.1	875.2	868.0	868.9	862.4	877.2	868.2	873.2
2.00	876.8	869.8	865.5	855.2	854.1	844.2	859.5	848.5	853.2
3.00	864.2	854.8	853.2	839.3	834.8	824.2	838.4	826.2	831.8
4.00	843.7	832.5	832.5	815.9	814.3	802.2	815.7	807.6	813.6
5.00	817.2	802.4	808.2	788.9	791.2	781.1	794.3	789.6	796.8
6.00	787.8	770.9	777.0	758.8	764.7	757.7	772.1	768.5	775.7
7.00	757.2	739.9	742.6	724.7	732.7	726.9	745.6	742.2	750.3
8.00	727.4	707.4	710.3	690.3	697.7	692.3	714.3	710.3	718.4
9.00	698.1	678.8	678.8	657.0	664.0	658.1	683.3	676.3	686.9
10.00	667.6	649.8	646.5	628.0	628.5	625.8	648.9	643.8	651.0
11.00	637.5	621.1	619.0	600.2	599.5	596.1	616.1	612.1	619.3
12.00	607.6	591.4	592.8	573.4	573.9	570.3	588.7	583.5	590.3
13.00	579.7	562.9	568.9	551.4	551.0	546.9	562.9	560.4	567.4
14.00	553.7	540.4	547.1	532.8	528.9	526.0	541.1	540.2	545.6
15.00	529.4	519.3	526.0	513.9	509.6	506.2	522.2	522.4	527.6
16.00	506.2	497.5	507.6	495.5	491.0	485.4	504.5	503.8	507.4
17.00	484.9	477.5	487.8	475.7	471.2	464.5	485.8	482.9	487.6
18.00	463.6	459.3	468.1	456.1	450.7	443.8	462.4	462.0	464.9
19.00	443.6	441.8	448.5	437.3	432.3	423.3	439.5	439.1	443.3
20.00	425.8	424.5	430.8	417.7	413.7	403.3	417.5	416.6	422.0
21.00	407.6	405.8	412.3	399.1	395.0	383.8	397.0	394.8	401.5
22.00	389.6	387.4	393.9	379.5	376.6	366.3	376.8	373.7	381.3
23.00	371.0	369.4	374.6	361.3	357.7	349.0	357.3	352.6	361.3
24.00	352.8	350.5	355.5	343.1	339.7	332.1	337.7	332.1	341.1
25.00	335.7	331.0	337.7	324.5	323.3	315.5	319.5	313.0	322.4
26.00	317.5	312.3	319.5	308.1	305.8	299.7	303.3	294.6	304.5
27.00	300.4	294.4	301.3	291.2	289.0	284.0	287.6	277.5	287.2
28.00	282.7	277.1	284.7	274.4	272.8	268.3	271.4	259.8	270.8
29.00	265.8	259.8	268.7	258.4	256.8	253.0	255.7	243.1	255.0
30.00	249.9	244.5	253.2	242.7	240.4	239.1	241.6	227.2	239.5
31.00	235.0	230.1	238.4	227.4	225.1	224.9	227.4	212.1	224.7
32.00	221.3	216.4	224.0	213.0	211.2	211.2	212.8	198.4	211.2
33.00	209.0	203.6	211.9	199.3	197.7	198.2	199.8	185.2	199.1

LEDVANCE Lighting Co.Ltd.

17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi)

Intensity [cd] 17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi) / C-Plane measurement

G/C [cd]	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00
34.00	197.3	192.1	199.1	187.2	185.6	186.3	187.6	173.2	186.7
35.00	186.1	182.0	187.2	175.5	174.4	174.8	175.0	162.5	174.6
36.00	175.0	171.7	175.5	163.8	163.4	163.8	163.6	152.6	163.6
37.00	165.8	162.7	164.9	153.7	154.1	153.2	153.2	143.1	153.0
38.00	156.8	155.0	155.0	144.5	145.6	143.8	143.8	135.3	143.6
39.00	148.3	147.2	145.2	135.7	137.7	134.8	134.8	127.6	134.8
40.00	139.8	139.5	136.4	127.0	130.1	126.7	126.5	120.4	126.1
41.00	131.7	132.8	128.8	119.8	123.4	119.1	118.4	113.7	118.9
42.00	124.3	125.8	120.9	112.8	117.1	111.7	111.7	107.4	111.5
43.00	117.7	119.5	113.9	106.7	110.8	105.4	105.4	101.6	104.7
44.00	111.2	113.0	107.6	100.9	105.2	99.5	99.1	95.7	98.4
45.00	105.2	106.5	101.6	95.3	99.5	93.3	93.3	89.7	92.4
46.00	99.1	99.8	95.7	89.9	93.0	87.2	87.9	84.0	86.3
47.00	92.8	93.5	89.7	84.5	86.7	81.6	81.8	78.4	80.0
48.00	86.7	87.0	84.0	79.3	81.1	75.9	76.4	72.8	74.2
49.00	80.7	80.7	78.6	74.4	75.5	70.3	71.0	67.6	68.8
50.00	75.5	74.8	73.5	69.4	70.3	64.9	66.3	62.7	64.0
51.00	69.9	69.2	68.3	64.5	64.7	60.2	61.1	58.0	59.3
52.00	64.5	63.8	63.1	60.0	59.8	55.5	56.6	53.7	54.6
53.00	59.5	58.9	58.6	56.0	55.5	51.5	52.1	49.4	50.6
54.00	55.1	54.4	54.6	52.1	52.1	47.9	48.5	45.8	47.0
55.00	51.2	50.8	51.0	49.2	49.2	45.4	45.2	42.9	43.8
56.00	47.9	47.6	48.3	46.7	46.3	43.4	42.5	40.7	41.1
57.00	44.9	45.2	46.1	44.3	44.5	41.8	40.7	38.9	39.1
58.00	42.7	42.9	43.8	41.8	42.5	40.0	39.5	37.5	37.7
59.00	40.2	40.4	41.6	39.3	39.8	37.5	38.2	35.5	36.2
60.00	37.5	37.1	38.9	36.9	36.9	34.8	36.0	33.0	34.4
61.00	33.9	33.7	35.7	34.2	33.5	31.7	32.8	30.6	32.1
62.00	30.6	30.3	32.6	31.0	30.1	28.5	29.7	28.1	29.4
63.00	27.0	27.2	29.2	27.6	27.2	25.4	26.5	25.6	26.5
64.00	24.0	24.3	25.8	24.5	24.0	22.5	23.4	22.7	23.4
65.00	21.3	21.3	22.9	21.6	21.1	19.8	20.4	20.0	20.2
66.00	19.1	18.9	20.2	18.9	18.4	17.3	18.2	17.5	18.0
67.00	17.1	16.9	18.0	16.9	16.4	15.3	16.2	15.5	16.0
68.00	15.1	14.8	15.7	14.8	14.4	13.7	14.2	13.7	13.9
69.00	13.5	13.3	14.2	13.3	12.8	12.1	12.6	12.1	12.4
70.00	11.9	11.7	12.6	11.9	11.5	10.8	11.2	11.0	11.0
71.00	10.6	10.3	11.2	10.6	10.1	9.7	9.9	9.9	9.9
72.00	9.4	9.2	9.9	9.4	9.0	8.5	9.0	8.8	9.0
73.00	8.1	8.1	8.8	8.3	8.1	7.6	7.9	7.9	7.9
74.00	7.2	7.0	7.9	7.2	7.2	6.7	7.0	7.0	7.2
75.00	6.3	6.1	6.7	6.5	6.3	6.1	6.3	6.3	6.3
76.00	5.4	5.4	5.8	5.6	5.6	5.4	5.6	5.6	5.6

LEDVANCE Lighting Co.Ltd.

17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi)

Intensity [cd] 17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi) / C-Plane measurement

G/C [cd]	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00
77.00	4.7	4.7	5.2	4.9	4.9	4.7	4.9	4.9	4.9
78.00	4.0	4.0	4.5	4.3	4.5	4.3	4.5	4.5	4.5
79.00	3.6	3.6	4.0	3.8	3.8	3.8	3.8	4.0	4.0
80.00	2.9	3.1	3.4	3.4	3.4	3.4	3.4	3.4	3.6
81.00	2.7	2.7	2.9	2.9	2.9	2.9	3.1	3.1	3.1
82.00	2.2	2.2	2.5	2.5	2.7	2.5	2.7	2.7	2.7
83.00	1.8	1.8	2.2	2.2	2.2	2.2	2.5	2.5	2.5
84.00	1.6	1.6	2.0	1.8	2.0	1.8	2.0	2.0	2.0
85.00	1.1	1.1	1.6	1.6	1.6	1.6	1.8	1.8	1.8
86.00	0.9	0.9	1.3	1.1	1.3	1.3	1.3	1.6	1.6
87.00	0.7	0.7	0.9	0.9	1.1	1.1	1.1	1.1	1.3
88.00	0.4	0.7	0.7	0.7	0.9	0.9	0.9	0.9	1.1
89.00	0.4	0.4	0.7	0.7	0.7	0.7	0.7	0.9	0.9
90.00	0.4	0.4	0.4	0.7	0.7	0.7	0.7	0.7	0.7
91.00	0.4	0.4	0.4	0.7	0.7	0.7	0.7	0.7	0.7
92.00	0.4	0.4	0.4	0.4	0.7	0.7	0.7	0.7	0.7
93.00	0.2	0.4	0.4	0.4	0.4	0.7	0.4	0.7	0.7
94.00	0.2	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4
95.00	0.2	0.2	0.2	0.4	0.4	0.4	0.4	0.4	0.4
96.00	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.4	0.4
97.00	0.4	0.2	0.4	0.4	0.2	0.4	0.4	0.4	0.4
98.00	0.4	0.2	0.2	0.2	0.4	0.4	0.2	0.4	0.4
99.00	0.2	0.2	0.2	0.4	0.2	0.4	0.2	0.4	0.4
100.00	0.2	0.4	0.4	0.2	0.4	0.4	0.2	0.4	0.4
101.00	0.2	0.2	0.2	0.4	0.2	0.4	0.2	0.4	0.4
102.00	0.2	0.4	0.2	0.4	0.2	0.4	0.2	0.4	0.4
103.00	0.4	0.2	0.2	0.4	0.4	0.4	0.2	0.4	0.4
104.00	0.4	0.2	0.4	0.4	0.4	0.4	0.2	0.4	0.4
105.00	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.4	0.4
106.00	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.4	0.4
107.00	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.4	0.4
108.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
109.00	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.4	0.4
110.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
111.00	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.4	0.4
112.00	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.4	0.4
113.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
114.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
115.00	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.4	0.4
116.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
117.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
118.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
119.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4

LEDVANCE Lighting Co.Ltd.

17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi)

Intensity [cd] 17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi) / C-Plane measurement

G/C [cd]	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00
120.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
121.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
122.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
123.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
124.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
125.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
126.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
127.00	0.4	0.4	0.4	0.4	0.7	0.4	0.4	0.7	0.7
128.00	0.7	0.7	0.4	0.7	0.7	0.7	0.4	0.7	0.4
129.00	0.4	0.4	0.7	0.4	0.4	0.7	0.4	0.7	0.7
130.00	0.4	0.4	0.7	0.7	0.7	0.7	0.4	0.7	0.7
131.00	0.7	0.7	0.7	0.7	0.7	0.7	0.4	0.7	0.7
132.00	0.7	0.7	0.7	0.7	0.7	0.7	0.4	0.7	0.7
133.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
134.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
135.00	0.7	0.7	0.7	0.7	0.7	0.7	0.4	0.7	0.7
136.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
137.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
138.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
139.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
140.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
141.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
142.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
143.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9	0.7
144.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
145.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9	0.9
146.00	0.7	0.7	0.7	0.9	0.7	0.7	0.7	0.9	0.9
147.00	0.7	0.7	0.9	0.9	0.9	0.9	0.7	0.9	0.7
148.00	0.7	0.7	0.9	0.9	0.9	0.9	0.7	0.9	0.9
149.00	0.9	0.7	0.9	0.9	0.9	0.9	0.7	0.9	0.9
150.00	0.7	0.9	0.9	0.9	0.9	0.9	0.7	0.9	0.9
151.00	0.7	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
152.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
153.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
154.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
155.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
156.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
157.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
158.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
159.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
160.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
161.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
162.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9

LEDVANCE Lighting Co.Ltd.

17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi)

Intensity [cd] 17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi) / C-Plane measurement

G/C [cd]	0.00	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00
163.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
164.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
165.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
166.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
167.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
168.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
169.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
170.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
171.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
172.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
173.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
174.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
175.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
176.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
177.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
178.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
179.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
180.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9

G/C [cd]	135.00	150.00	165.00	180.00	195.00	210.00	225.00	240.00	255.00
0.00	885.8	893.0	890.0	884.9	883.3	880.8	878.4	881.3	877.9
1.00	871.8	881.9	885.1	882.6	884.2	881.3	883.5	886.9	887.3
2.00	856.6	871.8	876.3	875.2	881.0	881.3	886.9	891.8	894.1
3.00	835.2	853.9	864.9	866.4	876.8	878.8	887.6	892.1	895.9
4.00	817.7	839.5	848.9	855.9	871.4	870.7	882.4	884.4	890.3
5.00	797.2	816.1	829.8	843.7	859.3	854.5	868.9	867.1	874.5
6.00	775.2	796.6	805.5	822.0	838.4	830.7	845.3	841.7	849.4
7.00	749.8	769.6	775.9	798.4	810.5	802.0	817.2	810.7	819.0
8.00	716.6	742.2	744.4	767.6	781.3	770.9	789.4	780.4	788.7
9.00	683.8	710.3	710.7	735.7	750.3	742.9	759.5	750.3	756.1
10.00	649.8	671.9	677.2	703.1	719.9	713.4	731.6	721.7	724.0
11.00	617.0	639.3	645.6	672.1	689.2	686.9	705.1	695.4	695.2
12.00	588.3	609.4	615.7	639.9	661.5	661.5	679.0	668.9	668.9
13.00	565.6	582.6	589.6	613.0	634.3	635.9	652.8	642.2	644.2
14.00	544.4	557.0	565.6	586.5	605.3	607.6	625.1	616.4	618.8
15.00	524.9	536.1	542.4	562.9	578.8	582.0	598.4	591.6	594.8
16.00	505.8	516.8	521.8	541.1	555.7	557.7	574.3	567.4	571.9
17.00	484.7	499.1	503.3	521.1	533.0	537.9	551.9	546.2	548.7
18.00	463.6	482.0	484.7	500.6	513.2	517.9	528.7	524.2	526.5
19.00	442.7	462.4	464.9	480.4	493.2	497.5	506.7	502.9	504.0
20.00	420.9	441.5	446.9	460.6	475.0	478.6	486.3	482.9	483.6
21.00	402.0	423.1	428.5	442.4	456.8	457.9	466.9	462.4	464.0
22.00	382.0	403.8	410.5	424.9	439.1	439.3	445.6	444.2	443.6

LEDVANCE Lighting Co.Ltd.

17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi)

Intensity [cd] 17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi) / C-Plane measurement

G/C [cd]	135.00	150.00	165.00	180.00	195.00	210.00	225.00	240.00	255.00
23.00	363.3	384.5	393.0	406.7	420.9	419.1	426.0	423.6	424.7
24.00	343.8	365.1	373.7	388.7	403.6	399.1	407.6	404.2	405.4
25.00	326.3	345.6	354.1	371.4	385.6	379.3	388.3	384.5	385.8
26.00	309.6	327.2	336.2	355.3	367.6	361.5	369.4	364.9	367.2
27.00	294.8	311.2	317.7	337.7	348.1	342.2	350.3	345.6	347.2
28.00	278.6	293.0	299.7	321.1	329.2	324.0	332.1	326.3	329.0
29.00	264.7	277.5	282.9	302.9	310.5	304.9	315.3	308.1	310.5
30.00	250.1	260.2	265.4	286.9	291.9	286.9	297.3	290.8	292.8
31.00	236.4	244.5	249.2	270.1	274.4	269.4	280.9	273.9	276.8
32.00	222.0	228.7	234.1	254.1	258.4	253.7	265.6	256.8	260.7
33.00	208.3	215.5	218.9	238.4	243.1	237.5	249.9	241.6	245.8
34.00	195.5	201.8	205.6	224.5	228.7	224.3	234.4	227.2	230.8
35.00	182.9	188.5	192.8	210.8	214.8	210.5	220.4	213.9	217.1
36.00	170.5	178.2	181.1	197.5	202.2	197.7	206.9	200.7	204.7
37.00	159.5	168.1	170.1	184.9	191.4	187.0	195.3	189.0	193.2
38.00	149.4	157.7	159.8	173.7	180.0	176.8	183.4	178.6	182.2
39.00	140.4	150.8	150.5	162.2	170.1	167.6	172.1	167.9	172.1
40.00	131.2	142.0	141.1	151.7	160.4	158.2	161.3	158.6	162.9
41.00	123.4	133.9	132.6	141.6	151.2	149.9	151.0	149.7	154.4
42.00	116.2	126.5	125.2	132.6	142.7	142.5	141.3	141.3	146.3
43.00	108.8	119.1	118.0	123.8	134.1	135.5	132.3	133.5	138.4
44.00	101.8	112.8	110.8	116.2	127.0	128.1	124.0	125.8	131.2
45.00	95.3	106.1	104.0	109.2	120.0	121.3	116.8	118.9	123.8
46.00	89.0	99.1	98.0	102.9	113.0	114.6	109.7	111.9	116.6
47.00	83.1	92.6	91.9	96.8	106.3	107.4	102.9	105.4	109.4
48.00	77.1	86.1	85.8	90.8	99.5	100.2	96.8	98.6	102.2
49.00	71.9	79.5	79.5	84.9	93.3	93.5	90.8	92.6	95.7
50.00	66.7	74.4	73.9	79.1	87.0	87.4	85.4	86.5	89.0
51.00	61.8	68.5	68.5	73.9	81.1	80.9	79.8	80.7	82.5
52.00	57.3	63.4	63.4	68.3	75.0	74.6	74.4	74.4	76.2
53.00	53.0	58.0	58.6	63.4	69.9	69.0	69.2	68.8	70.3
54.00	49.0	54.2	54.2	58.9	64.5	63.6	63.8	63.6	64.7
55.00	45.8	49.9	50.3	54.6	59.3	58.6	59.1	58.6	59.3
56.00	42.9	46.7	47.0	50.8	54.8	54.4	54.8	53.7	54.4
57.00	40.7	43.4	43.8	47.4	51.0	50.3	50.8	49.7	50.1
58.00	38.9	40.9	40.9	44.3	47.6	47.2	47.2	45.8	46.1
59.00	37.1	38.6	38.6	41.6	44.5	44.5	44.0	42.2	42.5
60.00	35.3	36.9	36.2	39.3	42.5	42.0	41.3	39.5	39.3
61.00	33.0	34.6	33.9	36.9	40.2	39.3	38.6	36.6	36.4
62.00	30.1	31.9	31.5	34.4	37.3	36.2	36.0	33.9	33.9
63.00	27.0	29.0	28.8	31.5	33.7	32.6	33.0	31.0	31.2
64.00	23.8	26.3	26.1	28.3	29.9	28.8	30.1	28.1	28.3
65.00	20.9	23.4	23.6	25.4	26.7	25.4	27.2	25.2	25.6

LEDVANCE Lighting Co.Ltd.

17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi)

Intensity [cd] 17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi) / C-Plane measurement

G/C [cd]	135.00	150.00	165.00	180.00	195.00	210.00	225.00	240.00	255.00
66.00	18.4	20.7	20.9	22.7	23.6	22.5	24.3	22.2	22.7
67.00	16.2	18.2	18.7	20.2	20.9	20.0	21.6	20.0	20.2
68.00	14.4	16.2	16.6	18.0	18.7	17.5	19.3	17.8	18.0
69.00	12.8	14.4	14.8	16.0	16.4	15.7	17.3	15.7	16.0
70.00	11.2	12.6	13.0	14.2	14.6	13.9	15.5	14.2	14.2
71.00	10.1	11.2	11.7	12.6	13.0	12.4	13.7	12.6	12.6
72.00	9.0	10.1	10.3	11.2	11.5	11.0	12.1	11.2	11.2
73.00	8.1	9.0	9.2	9.9	10.3	9.7	10.8	9.9	9.9
74.00	7.2	8.1	8.1	8.8	9.0	8.5	9.4	8.8	8.8
75.00	6.3	7.0	7.2	7.9	8.1	7.6	8.3	7.6	7.6
76.00	5.6	6.3	6.3	6.7	7.0	6.7	7.2	6.7	6.7
77.00	4.9	5.6	5.6	5.8	6.1	5.8	6.3	5.8	5.8
78.00	4.5	4.9	4.9	5.2	5.4	4.9	5.6	5.2	4.9
79.00	4.0	4.3	4.3	4.7	4.7	4.5	4.7	4.5	4.3
80.00	3.4	3.8	3.8	4.0	4.0	3.8	4.0	3.8	3.8
81.00	3.1	3.4	3.4	3.6	3.6	3.1	3.6	3.1	3.1
82.00	2.7	2.9	2.9	3.1	3.1	2.9	2.9	2.7	2.7
83.00	2.5	2.7	2.5	2.7	2.7	2.5	2.5	2.2	2.2
84.00	2.0	2.2	2.2	2.2	2.2	2.0	2.2	1.8	1.8
85.00	1.8	2.0	1.8	2.0	2.0	1.6	1.6	1.6	1.6
86.00	1.6	1.6	1.6	1.6	1.6	1.3	1.3	1.1	1.1
87.00	1.1	1.3	1.3	1.3	1.1	1.1	1.1	0.9	0.9
88.00	1.1	1.1	1.1	1.1	0.9	0.7	0.9	0.7	0.7
89.00	0.9	0.9	0.9	0.9	0.7	0.4	0.7	0.4	0.4
90.00	0.7	0.9	0.7	0.7	0.7	0.4	0.4	0.2	0.4
91.00	0.7	0.7	0.7	0.4	0.4	0.4	0.4	0.2	0.2
92.00	0.7	0.7	0.7	0.4	0.4	0.2	0.2	0.2	0.2
93.00	0.7	0.7	0.4	0.4	0.4	0.2	0.2	0.2	0.2
94.00	0.4	0.4	0.4	0.4	0.4	0.2	0.2	0.2	0.2
95.00	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2
96.00	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2
97.00	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2
98.00	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2
99.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
100.00	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2
101.00	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
102.00	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
103.00	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
104.00	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2
105.00	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2
106.00	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2
107.00	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
108.00	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2

LEDVANCE Lighting Co.Ltd.

17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi)

Intensity [cd] 17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi) / C-Plane measurement

G/C [cd]	135.00	150.00	165.00	180.00	195.00	210.00	225.00	240.00	255.00
109.00	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2
110.00	0.4	0.4	0.4	0.2	0.2	0.2	0.4	0.4	0.2
111.00	0.4	0.4	0.4	0.2	0.2	0.2	0.4	0.2	0.2
112.00	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.4	0.2
113.00	0.4	0.4	0.4	0.2	0.2	0.2	0.4	0.4	0.4
114.00	0.4	0.4	0.4	0.2	0.2	0.2	0.4	0.4	0.4
115.00	0.4	0.4	0.4	0.4	0.2	0.4	0.4	0.2	0.2
116.00	0.4	0.4	0.4	0.2	0.2	0.4	0.4	0.4	0.4
117.00	0.4	0.4	0.4	0.4	0.2	0.4	0.4	0.4	0.4
118.00	0.4	0.4	0.4	0.2	0.4	0.4	0.4	0.4	0.4
119.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
120.00	0.4	0.4	0.4	0.2	0.4	0.4	0.4	0.4	0.4
121.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
122.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
123.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
124.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
125.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
126.00	0.7	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
127.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
128.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
129.00	0.7	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
130.00	0.7	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
131.00	0.7	0.7	0.7	0.4	0.4	0.4	0.4	0.4	0.4
132.00	0.7	0.7	0.4	0.4	0.4	0.4	0.4	0.4	0.4
133.00	0.7	0.7	0.7	0.4	0.4	0.4	0.4	0.4	0.4
134.00	0.7	0.7	0.7	0.4	0.4	0.4	0.4	0.4	0.4
135.00	0.7	0.7	0.7	0.4	0.4	0.4	0.7	0.4	0.4
136.00	0.7	0.7	0.7	0.4	0.7	0.4	0.4	0.4	0.7
137.00	0.7	0.7	0.7	0.4	0.7	0.4	0.7	0.7	0.4
138.00	0.7	0.7	0.7	0.7	0.7	0.7	0.4	0.4	0.7
139.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
140.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
141.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
142.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
143.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
144.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
145.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
146.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
147.00	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
148.00	0.9	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7
149.00	0.9	0.9	0.9	0.7	0.7	0.7	0.7	0.7	0.7
150.00	0.9	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7
151.00	0.9	0.9	0.9	0.7	0.7	0.7	0.7	0.7	0.7

LEDVANCE Lighting Co.Ltd.

17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi)

Intensity [cd] 17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi) / C-Plane measurement

G/C [cd]	135.00	150.00	165.00	180.00	195.00	210.00	225.00	240.00	255.00
152.00	0.9	0.9	0.9	0.7	0.7	0.7	0.7	0.7	0.7
153.00	0.9	0.9	0.9	0.7	0.7	0.7	0.7	0.7	0.7
154.00	0.9	0.9	0.9	0.9	0.7	0.9	0.7	0.7	0.7
155.00	0.9	0.9	0.9	0.7	0.7	0.7	0.9	0.7	0.9
156.00	0.9	0.9	0.9	0.7	0.9	0.7	0.7	0.7	0.9
157.00	0.9	0.9	0.9	0.9	0.7	0.9	0.9	0.7	0.7
158.00	0.9	0.9	0.9	0.7	0.9	0.9	0.9	0.9	0.9
159.00	0.9	0.9	0.9	0.7	0.9	0.7	0.9	0.9	0.9
160.00	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.9	0.9
161.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
162.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
163.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
164.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
165.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
166.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
167.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
168.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
169.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
170.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
171.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
172.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
173.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
174.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
175.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
176.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
177.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
178.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
179.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
180.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
0.00	886.9	884.2	887.1	885.8	893.0	890.0
1.00	893.4	892.5	894.8	893.6	893.2	893.6
2.00	894.5	897.9	897.0	894.8	893.6	891.4
3.00	888.5	895.9	892.1	890.9	877.7	879.7
4.00	871.6	883.3	877.9	877.0	861.7	864.6
5.00	850.0	862.8	855.2	853.0	835.0	836.6
6.00	824.0	835.4	826.0	825.5	801.7	809.1
7.00	792.5	806.9	796.3	794.5	773.0	776.6
8.00	759.3	775.2	762.4	761.7	739.9	744.7
9.00	726.9	739.7	728.0	728.3	710.7	715.4
10.00	696.1	706.2	695.9	698.6	679.0	686.9
11.00	666.7	674.3	666.5	669.6	650.3	657.0

LEDVANCE Lighting Co.Ltd.

17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi)

Intensity [cd] 17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi) / C-Plane measurement

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
12.00	638.1	646.2	637.5	645.1	624.7	627.8
13.00	614.6	619.7	614.1	619.5	599.7	601.3
14.00	592.3	594.8	591.2	593.9	572.8	571.6
15.00	570.1	572.5	568.5	571.0	550.7	548.5
16.00	548.7	551.6	546.5	549.6	527.8	527.8
17.00	529.2	531.0	525.8	526.7	509.4	505.6
18.00	507.4	510.5	504.0	503.1	489.8	483.8
19.00	487.1	491.6	482.4	482.2	470.7	462.0
20.00	466.9	473.0	462.0	461.3	452.8	444.2
21.00	446.7	453.7	441.1	438.8	429.6	426.0
22.00	427.2	434.1	421.8	419.7	412.5	407.6
23.00	407.8	416.8	401.8	400.0	394.3	389.0
24.00	388.3	398.4	382.2	381.3	374.8	371.7
25.00	371.2	380.0	364.5	361.8	355.7	352.1
26.00	353.2	360.0	346.3	344.7	337.3	334.8
27.00	335.0	341.3	328.3	326.0	315.9	314.1
28.00	316.8	321.3	310.3	309.6	299.5	297.1
29.00	298.9	301.3	292.8	293.2	280.2	280.0
30.00	280.9	281.3	275.5	277.1	263.8	263.1
31.00	264.9	262.9	258.9	260.7	246.9	247.4
32.00	249.0	245.8	242.5	246.0	230.3	233.2
33.00	234.8	230.1	227.8	231.9	216.6	220.0
34.00	220.4	214.6	214.4	219.1	202.9	206.5
35.00	206.5	200.0	200.4	205.4	190.3	193.9
36.00	193.9	187.0	188.3	193.7	178.2	182.5
37.00	182.2	175.5	176.6	182.2	167.6	171.4
38.00	171.0	164.7	166.7	171.2	159.3	161.1
39.00	160.2	155.3	157.1	161.1	150.8	151.0
40.00	150.5	146.5	147.9	151.4	142.7	142.0
41.00	141.3	138.6	139.3	143.1	135.0	133.7
42.00	133.0	131.7	131.9	134.6	127.9	125.6
43.00	124.9	124.5	124.3	126.5	121.6	117.5
44.00	117.7	118.0	117.3	118.6	115.3	110.8
45.00	111.0	111.9	110.3	111.7	108.3	104.0
46.00	104.3	105.6	103.8	104.5	101.8	98.2
47.00	98.0	99.3	97.1	97.7	94.6	91.7
48.00	91.9	92.8	90.8	90.8	88.3	86.1
49.00	85.8	86.5	84.5	84.5	81.6	80.2
50.00	79.8	80.4	78.2	78.9	75.9	75.0
51.00	73.9	74.4	72.1	72.8	70.8	69.4
52.00	68.3	68.3	66.1	67.6	64.5	64.3
53.00	62.7	62.9	60.4	62.2	59.8	59.5
54.00	58.0	57.7	55.5	56.8	55.3	55.1

LEDVANCE Lighting Co.Ltd.

17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi)

Intensity [cd] 17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi) / C-Plane measurement

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
55.00	53.3	52.8	50.8	52.1	50.8	50.8
56.00	48.8	48.3	46.5	47.9	46.7	47.2
57.00	44.7	44.3	42.5	44.3	43.1	44.0
58.00	41.3	40.4	38.9	40.7	40.2	41.1
59.00	38.2	37.1	35.7	37.5	37.1	38.4
60.00	35.1	33.9	32.8	34.6	34.6	35.7
61.00	32.6	31.5	30.3	32.1	31.5	33.3
62.00	30.3	29.4	28.3	29.9	29.2	30.6
63.00	28.3	27.2	26.5	27.6	26.3	28.1
64.00	25.8	24.5	24.0	24.9	23.6	24.9
65.00	23.4	22.0	21.6	22.5	20.9	22.5
66.00	20.9	19.5	19.1	19.5	18.4	19.8
67.00	18.4	17.3	16.9	17.3	16.6	17.5
68.00	16.4	15.3	15.1	15.5	14.6	15.7
69.00	14.6	13.7	13.3	13.7	13.0	13.9
70.00	13.0	12.4	11.9	12.1	11.5	12.4
71.00	11.5	10.8	10.6	10.6	10.1	11.0
72.00	10.1	9.7	9.2	9.4	9.0	9.7
73.00	9.0	8.5	8.1	8.3	7.9	8.5
74.00	8.1	7.4	7.2	7.2	6.7	7.4
75.00	7.0	6.5	6.3	6.3	5.8	6.3
76.00	6.1	5.6	5.4	5.4	5.2	5.4
77.00	5.2	4.9	4.7	4.7	4.5	4.7
78.00	4.5	4.3	4.0	4.0	3.8	4.0
79.00	3.8	3.6	3.4	3.6	3.4	3.4
80.00	3.4	3.1	2.9	2.9	2.9	2.9
81.00	2.9	2.7	2.5	2.5	2.5	2.5
82.00	2.5	2.2	2.2	2.2	2.0	2.0
83.00	2.0	2.0	1.8	1.8	1.6	1.8
84.00	1.6	1.6	1.3	1.3	1.3	1.3
85.00	1.3	1.1	1.1	1.1	1.1	1.1
86.00	1.1	0.9	0.9	0.9	0.7	0.9
87.00	0.9	0.7	0.7	0.7	0.4	0.7
88.00	0.7	0.4	0.4	0.4	0.4	0.4
89.00	0.4	0.4	0.2	0.2	0.2	0.2
90.00	0.4	0.2	0.2	0.2	0.2	0.2
91.00	0.2	0.2	0.2	0.2	0.2	0.2
92.00	0.4	0.2	0.2	0.2	0.2	0.2
93.00	0.4	0.2	0.2	0.2	0.2	0.2
94.00	0.4	0.2	0.2	0.2	0.2	0.2
95.00	0.4	0.2	0.2	0.2	0.2	0.2
96.00	0.4	0.2	0.2	0.2	0.2	0.2
97.00	0.2	0.2	0.2	0.2	0.2	0.2

LEDVANCE Lighting Co.Ltd.

17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi)

Intensity [cd] 17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi) / C-Plane measurement

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
98.00	0.4	0.2	0.2	0.2	0.2	0.2
99.00	0.2	0.2	0.2	0.2	0.2	0.2
100.00	0.4	0.2	0.2	0.2	0.2	0.2
101.00	0.4	0.2	0.2	0.2	0.2	0.2
102.00	0.4	0.2	0.4	0.2	0.2	0.2
103.00	0.4	0.2	0.2	0.2	0.2	0.2
104.00	0.4	0.2	0.2	0.2	0.2	0.2
105.00	0.4	0.2	0.2	0.2	0.2	0.2
106.00	0.4	0.2	0.2	0.2	0.2	0.2
107.00	0.4	0.2	0.2	0.2	0.2	0.2
108.00	0.4	0.4	0.4	0.4	0.2	0.2
109.00	0.4	0.4	0.2	0.2	0.2	0.2
110.00	0.4	0.2	0.2	0.4	0.2	0.2
111.00	0.4	0.4	0.2	0.2	0.2	0.2
112.00	0.4	0.2	0.4	0.2	0.2	0.4
113.00	0.4	0.4	0.2	0.4	0.2	0.2
114.00	0.4	0.4	0.4	0.2	0.2	0.2
115.00	0.4	0.4	0.4	0.4	0.2	0.4
116.00	0.4	0.4	0.4	0.2	0.4	0.4
117.00	0.4	0.4	0.4	0.2	0.4	0.4
118.00	0.4	0.4	0.4	0.4	0.4	0.4
119.00	0.4	0.4	0.4	0.4	0.4	0.4
120.00	0.4	0.4	0.4	0.4	0.4	0.4
121.00	0.4	0.4	0.4	0.4	0.4	0.4
122.00	0.4	0.4	0.4	0.4	0.4	0.4
123.00	0.4	0.4	0.4	0.4	0.4	0.4
124.00	0.4	0.4	0.4	0.4	0.4	0.4
125.00	0.4	0.4	0.4	0.4	0.4	0.4
126.00	0.4	0.4	0.4	0.4	0.4	0.4
127.00	0.4	0.4	0.4	0.4	0.4	0.4
128.00	0.4	0.4	0.4	0.4	0.4	0.4
129.00	0.7	0.4	0.4	0.4	0.4	0.4
130.00	0.4	0.4	0.4	0.4	0.4	0.4
131.00	0.7	0.4	0.4	0.4	0.4	0.4
132.00	0.7	0.4	0.4	0.4	0.4	0.4
133.00	0.7	0.7	0.7	0.4	0.4	0.4
134.00	0.7	0.4	0.4	0.4	0.4	0.4
135.00	0.7	0.4	0.4	0.4	0.7	0.7
136.00	0.7	0.7	0.7	0.4	0.7	0.4
137.00	0.7	0.7	0.7	0.7	0.7	0.7
138.00	0.7	0.7	0.7	0.7	0.7	0.7
139.00	0.7	0.7	0.7	0.7	0.7	0.7
140.00	0.7	0.7	0.7	0.7	0.7	0.7

LEDVANCE Lighting Co.Ltd.

17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi)

Intensity [cd] 17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi) / C-Plane measurement

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
141.00	0.7	0.7	0.7	0.7	0.7	0.7
142.00	0.7	0.7	0.7	0.7	0.7	0.7
143.00	0.7	0.7	0.7	0.7	0.7	0.7
144.00	0.7	0.7	0.7	0.7	0.7	0.7
145.00	0.7	0.7	0.7	0.7	0.7	0.7
146.00	0.7	0.7	0.7	0.7	0.7	0.7
147.00	0.7	0.7	0.7	0.7	0.7	0.7
148.00	0.9	0.7	0.7	0.7	0.7	0.7
149.00	0.9	0.7	0.7	0.7	0.7	0.7
150.00	0.9	0.7	0.7	0.7	0.7	0.7
151.00	0.9	0.7	0.7	0.7	0.7	0.7
152.00	0.9	0.9	0.7	0.9	0.7	0.7
153.00	0.9	0.7	0.9	0.7	0.7	0.7
154.00	0.9	0.7	0.7	0.9	0.9	0.7
155.00	0.9	0.9	0.9	0.7	0.9	0.9
156.00	0.9	0.9	0.9	0.9	0.9	0.9
157.00	0.9	0.9	0.9	0.9	0.9	0.9
158.00	0.9	0.9	0.9	0.9	0.9	0.9
159.00	0.9	0.9	0.9	0.9	0.9	0.9
160.00	0.9	0.9	0.9	0.9	0.9	0.9
161.00	0.9	0.9	0.9	0.9	0.9	0.9
162.00	0.9	0.9	0.9	0.9	0.9	0.9
163.00	0.9	0.9	0.9	0.9	0.9	0.9
164.00	0.9	0.9	0.9	0.9	0.9	0.9
165.00	0.9	0.9	0.9	0.9	0.9	0.9
166.00	0.9	0.9	0.9	0.9	0.9	0.9
167.00	0.9	0.9	0.9	0.9	0.9	0.9
168.00	0.9	0.9	0.9	0.9	0.9	0.9
169.00	0.9	0.9	0.9	0.9	0.9	0.9
170.00	0.9	0.9	0.9	0.9	0.9	0.9
171.00	0.9	0.9	0.9	0.9	0.9	0.9
172.00	0.9	0.9	0.9	0.9	0.9	0.9
173.00	0.9	0.9	0.9	0.9	0.9	0.9
174.00	0.9	0.9	0.9	0.9	0.9	0.9
175.00	0.9	0.9	0.9	0.9	0.9	0.9
176.00	0.9	0.9	0.9	0.9	0.9	0.9
177.00	0.9	0.9	0.9	0.9	0.9	0.9
178.00	0.9	0.9	0.9	0.9	0.9	0.9
179.00	0.9	0.9	0.9	0.9	0.9	0.9
180.00	0.9	0.9	0.9	0.9	0.9	0.9

LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	Decostar C15 G1 180		
Name:	17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi)		
Meas.-no.:	1		
Flux:	675.35 lm		Operator: Thomas.liu
Comment:	UI=230.00V II=0.051A WI=9.02W PF=0.7670		
Maximum intensity:	897.902 cd		

Zonal flux 17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi) / 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	1299.9	1322.2	1309.6	0.00	0.00	0.00	0.00
1.0	1277.0	1324.9	1305.5	0.85	0.85	0.13	0.13
2.0	1250.0	1329.5	1296.3	2.52	3.37	0.37	0.50
3.0	1220.4	1326.6	1279.8	4.16	7.53	0.62	1.11
4.0	1187.8	1318.2	1257.1	5.73	13.26	0.85	1.96
5.0	1156.5	1294.9	1226.1	7.21	20.48	1.07	3.03
6.0	1121.9	1257.7	1188.3	8.57	29.05	1.27	4.30
7.0	1073.0	1212.8	1144.8	9.78	38.83	1.45	5.75
8.0	1022.1	1168.8	1097.8	10.84	49.67	1.60	7.35
9.0	972.9	1124.6	1050.7	11.76	61.42	1.74	9.10
10.0	926.6	1083.3	1003.5	12.55	73.98	1.86	10.95
11.0	882.7	1044.1	959.5	13.25	87.23	1.96	12.92
12.0	844.4	1005.5	918.3	13.86	101.09	2.05	14.97
13.0	809.8	966.5	881.1	14.42	115.51	2.14	17.10
14.0	778.9	925.6	845.2	14.92	130.43	2.21	19.31
15.0	749.6	886.0	812.5	15.37	145.80	2.28	21.59
16.0	718.7	850.4	781.3	15.77	161.57	2.34	23.92
17.0	687.7	817.2	750.9	16.11	177.69	2.39	26.31
18.0	657.1	782.9	720.1	16.38	194.07	2.43	28.74
19.0	626.8	750.3	689.7	16.56	210.63	2.45	31.19
20.0	597.2	720.0	660.7	16.69	227.32	2.47	33.66
21.0	568.3	691.4	631.6	16.76	244.08	2.48	36.14
22.0	542.3	659.8	603.5	16.76	260.84	2.48	38.62
23.0	516.7	630.8	575.4	16.70	277.55	2.47	41.10
24.0	491.8	603.6	547.4	16.58	294.13	2.45	43.55
25.0	463.5	574.9	520.0	16.39	310.52	2.43	45.98
26.0	436.2	547.0	493.6	16.16	326.68	2.39	48.37
27.0	410.9	518.7	466.9	15.87	342.55	2.35	50.72
28.0	384.6	491.8	441.1	15.53	358.07	2.30	53.02
29.0	360.0	466.8	415.8	15.14	373.21	2.24	55.26

LEDVANCE Lighting Co.Ltd.

17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi)

Zonal flux 17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi) / 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 [%]
30.0	336.4	440.2	391.3	14.72	387.93	2.18	57.44
31.0	314.1	415.9	367.9	14.27	402.20	2.11	59.55
32.0	293.8	393.3	345.5	13.80	416.00	2.04	61.60
33.0	274.2	370.0	324.8	13.34	429.34	1.97	63.57
34.0	256.5	347.0	305.1	12.87	442.21	1.91	65.48
35.0	240.6	326.4	286.3	12.40	454.61	1.84	67.32
36.0	225.9	306.4	268.8	11.94	466.55	1.77	69.08
37.0	211.9	289.1	252.8	11.49	478.04	1.70	70.78
38.0	200.3	271.5	238.1	11.07	489.11	1.64	72.42
39.0	189.0	254.9	224.3	10.66	499.76	1.58	74.00
40.0	178.3	241.2	211.1	10.25	510.02	1.52	75.52
41.0	168.4	228.6	199.0	9.86	519.88	1.46	76.98
42.0	159.0	216.6	187.7	9.49	529.37	1.40	78.38
43.0	150.4	205.0	177.0	9.12	538.49	1.35	79.74
44.0	141.7	194.3	167.0	8.77	547.26	1.30	81.03
45.0	132.8	183.3	157.3	8.42	555.67	1.25	82.28
46.0	124.4	172.7	147.8	8.06	563.73	1.19	83.47
47.0	116.1	162.0	138.4	7.69	571.42	1.14	84.61
48.0	107.8	151.4	129.3	7.31	578.73	1.08	85.69
49.0	100.1	141.7	120.5	6.93	585.65	1.03	86.72
50.0	92.8	131.8	112.2	6.55	592.20	0.97	87.69
51.0	85.8	122.1	104.0	6.18	598.38	0.92	88.60
52.0	79.5	112.8	96.1	5.80	604.18	0.86	89.46
53.0	73.2	104.1	88.8	5.43	609.62	0.80	90.27
54.0	67.9	95.8	82.2	5.09	614.71	0.75	91.02
55.0	63.5	87.8	76.2	4.77	619.48	0.71	91.73
56.0	60.2	81.2	70.9	4.49	623.97	0.66	92.39
57.0	57.6	75.5	66.3	4.24	628.21	0.63	93.02
58.0	55.6	70.5	62.3	4.02	632.23	0.59	93.62
59.0	52.6	65.9	58.4	3.81	636.04	0.56	94.18
60.0	48.6	62.9	54.6	3.60	639.64	0.53	94.71
61.0	44.9	59.6	50.5	3.39	643.03	0.50	95.22
62.0	41.6	55.2	46.5	3.16	646.19	0.47	95.68
63.0	37.6	49.9	42.2	2.91	649.10	0.43	96.11
64.0	33.3	44.6	37.8	2.65	651.75	0.39	96.51
65.0	29.3	40.3	33.6	2.39	654.13	0.35	96.86
66.0	25.6	35.9	29.7	2.13	656.27	0.32	97.18
67.0	22.6	31.9	26.4	1.91	658.18	0.28	97.46
68.0	20.3	28.6	23.4	1.70	659.88	0.25	97.71

LEDVANCE Lighting Co.Ltd.

17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi)

Zonal flux 17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi) / 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 [%]
69.0	18.0	25.6	20.8	1.52	661.40	0.23	97.94
70.0	16.0	23.0	18.5	1.36	662.77	0.20	98.14
71.0	14.3	20.3	16.4	1.22	663.99	0.18	98.32
72.0	12.6	18.0	14.6	1.09	665.08	0.16	98.48
73.0	11.3	16.0	12.9	0.97	666.05	0.14	98.62
74.0	10.0	14.0	11.4	0.86	666.92	0.13	98.75
75.0	8.7	12.3	10.0	0.77	667.68	0.11	98.87
76.0	7.7	10.6	8.8	0.67	668.36	0.10	98.97
77.0	6.7	9.3	7.7	0.59	668.95	0.09	99.05
78.0	5.7	8.3	6.8	0.52	669.47	0.08	99.13
79.0	5.0	7.0	5.9	0.46	669.93	0.07	99.20
80.0	4.3	6.0	5.1	0.40	670.33	0.06	99.26
81.0	3.7	5.3	4.5	0.35	670.68	0.05	99.31
82.0	3.0	4.7	3.8	0.30	670.98	0.04	99.35
83.0	2.3	4.0	3.3	0.26	671.25	0.04	99.39
84.0	2.0	3.3	2.7	0.22	671.47	0.03	99.43
85.0	1.7	3.0	2.3	0.18	671.65	0.03	99.45
86.0	1.0	2.3	1.8	0.15	671.80	0.02	99.48
87.0	0.7	2.0	1.4	0.12	671.92	0.02	99.49
88.0	0.7	1.7	1.1	0.10	672.02	0.01	99.51
89.0	0.3	1.3	0.9	0.07	672.09	0.01	99.52
90.0	0.3	1.3	0.7	0.06	672.15	0.01	99.53
91.0	0.3	1.0	0.7	0.05	672.21	0.01	99.54
92.0	0.3	1.0	0.7	0.05	672.26	0.01	99.54
93.0	0.3	1.0	0.6	0.05	672.30	0.01	99.55
94.0	0.3	0.7	0.5	0.04	672.34	0.01	99.56
95.0	0.3	0.7	0.5	0.04	672.38	0.01	99.56
96.0	0.3	0.7	0.5	0.03	672.41	0.01	99.57
97.0	0.3	0.7	0.5	0.03	672.45	0.00	99.57
98.0	0.3	0.7	0.5	0.03	672.48	0.00	99.58
99.0	0.3	0.7	0.4	0.03	672.51	0.00	99.58
100.0	0.3	0.7	0.5	0.03	672.54	0.00	99.59
101.0	0.3	0.7	0.4	0.03	672.58	0.00	99.59
102.0	0.3	0.7	0.4	0.03	672.61	0.00	99.59
103.0	0.3	0.7	0.4	0.03	672.64	0.00	99.60
104.0	0.3	0.7	0.5	0.03	672.67	0.00	99.60
105.0	0.3	0.7	0.5	0.03	672.71	0.01	99.61
106.0	0.3	0.7	0.5	0.04	672.74	0.01	99.61
107.0	0.3	0.7	0.5	0.03	672.78	0.01	99.62

LEDVANCE Lighting Co.Ltd.

17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi)

Zonal flux 17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi) / 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 [%]
108.0	0.3	0.7	0.5	0.04	672.81	0.01	99.62
109.0	0.3	0.7	0.5	0.04	672.85	0.01	99.63
110.0	0.3	0.7	0.6	0.04	672.89	0.01	99.64
111.0	0.3	0.7	0.5	0.04	672.92	0.01	99.64
112.0	0.3	0.7	0.5	0.04	672.96	0.01	99.65
113.0	0.3	0.7	0.6	0.04	673.00	0.01	99.65
114.0	0.3	0.7	0.6	0.04	673.04	0.01	99.66
115.0	0.3	0.7	0.6	0.04	673.08	0.01	99.66
116.0	0.3	0.7	0.6	0.04	673.12	0.01	99.67
117.0	0.3	0.7	0.6	0.04	673.16	0.01	99.68
118.0	0.3	0.7	0.7	0.04	673.20	0.01	99.68
119.0	0.7	0.7	0.7	0.04	673.25	0.01	99.69
120.0	0.3	0.7	0.7	0.04	673.29	0.01	99.70
121.0	0.7	0.7	0.7	0.04	673.33	0.01	99.70
122.0	0.7	0.7	0.7	0.04	673.37	0.01	99.71
123.0	0.7	0.7	0.7	0.04	673.41	0.01	99.71
124.0	0.7	0.7	0.7	0.04	673.45	0.01	99.72
125.0	0.7	0.7	0.7	0.04	673.50	0.01	99.73
126.0	0.7	1.0	0.7	0.04	673.54	0.01	99.73
127.0	0.7	1.0	0.7	0.04	673.58	0.01	99.74
128.0	0.7	1.0	0.7	0.04	673.62	0.01	99.74
129.0	0.7	1.0	0.7	0.04	673.66	0.01	99.75
130.0	0.7	1.0	0.8	0.04	673.71	0.01	99.76
131.0	0.7	1.0	0.8	0.04	673.75	0.01	99.76
132.0	0.7	1.0	0.8	0.05	673.80	0.01	99.77
133.0	0.7	1.0	0.9	0.05	673.84	0.01	99.78
134.0	0.7	1.0	0.8	0.05	673.89	0.01	99.78
135.0	0.7	1.0	0.9	0.05	673.93	0.01	99.79
136.0	0.7	1.0	0.9	0.05	673.98	0.01	99.80
137.0	0.7	1.0	1.0	0.05	674.03	0.01	99.81
138.0	0.7	1.0	1.0	0.05	674.08	0.01	99.81
139.0	1.0	1.0	1.0	0.05	674.13	0.01	99.82
140.0	1.0	1.0	1.0	0.05	674.17	0.01	99.83
141.0	1.0	1.0	1.0	0.05	674.22	0.01	99.83
142.0	1.0	1.0	1.0	0.05	674.27	0.01	99.84
143.0	1.0	1.3	1.0	0.05	674.31	0.01	99.85
144.0	1.0	1.0	1.0	0.04	674.36	0.01	99.85
145.0	1.0	1.3	1.0	0.04	674.40	0.01	99.86
146.0	1.0	1.3	1.0	0.04	674.44	0.01	99.87

LEDVANCE Lighting Co.Ltd.

17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi)

Zonal flux 17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi) / 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 [%]
147.0	1.0	1.3	1.1	0.04	674.49	0.01	99.87
148.0	1.0	1.3	1.1	0.04	674.53	0.01	99.88
149.0	1.0	1.3	1.2	0.04	674.57	0.01	99.89
150.0	1.0	1.3	1.1	0.04	674.62	0.01	99.89
151.0	1.0	1.3	1.2	0.04	674.66	0.01	99.90
152.0	1.0	1.3	1.2	0.04	674.70	0.01	99.90
153.0	1.0	1.3	1.2	0.04	674.74	0.01	99.91
154.0	1.0	1.3	1.2	0.04	674.78	0.01	99.92
155.0	1.0	1.3	1.3	0.04	674.82	0.01	99.92
156.0	1.0	1.3	1.3	0.04	674.86	0.01	99.93
157.0	1.0	1.3	1.3	0.04	674.90	0.01	99.93
158.0	1.0	1.3	1.3	0.04	674.94	0.01	99.94
159.0	1.0	1.3	1.3	0.04	674.97	0.01	99.94
160.0	1.0	1.3	1.3	0.03	675.00	0.01	99.95
161.0	1.3	1.3	1.3	0.03	675.04	0.00	99.95
162.0	1.3	1.3	1.3	0.03	675.07	0.00	99.96
163.0	1.3	1.3	1.3	0.03	675.10	0.00	99.96
164.0	1.3	1.3	1.3	0.03	675.13	0.00	99.97
165.0	1.3	1.3	1.3	0.03	675.15	0.00	99.97
166.0	1.3	1.3	1.3	0.02	675.18	0.00	99.98
167.0	1.3	1.3	1.3	0.02	675.20	0.00	99.98
168.0	1.3	1.3	1.3	0.02	675.22	0.00	99.98
169.0	1.3	1.3	1.3	0.02	675.24	0.00	99.98
170.0	1.3	1.3	1.3	0.02	675.26	0.00	99.99
171.0	1.3	1.3	1.3	0.02	675.28	0.00	99.99
172.0	1.3	1.3	1.3	0.01	675.29	0.00	99.99
173.0	1.3	1.3	1.3	0.01	675.30	0.00	99.99
174.0	1.3	1.3	1.3	0.01	675.31	0.00	100.00
175.0	1.3	1.3	1.3	0.01	675.32	0.00	100.00
176.0	1.3	1.3	1.3	0.01	675.33	0.00	100.00
177.0	1.3	1.3	1.3	0.01	675.34	0.00	100.00
178.0	1.3	1.3	1.3	0.00	675.34	0.00	100.00
179.0	1.3	1.3	1.3	0.00	675.34	0.00	100.00
180.0	1.3	1.3	1.3	0.00	675.35	0.00	100.00

LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	Decostar C15 G1 180		
Name:	17675-Intensity LED RB7 PAR16 80 36Du 9.5W/927 M1 EMEA-1#(Wang yuxi)		
Meas.-no.:	1		
Flux:	675.35 lm		Operator: Thomas.liu
Comment:	UI=230.00V II=0.051A WI=9.02W PF=0.7670		
Maximum intensity:	897.902 cd		

Protocol

LiTG-class:	A63										
UTE-class:	1.00 B										
IES-class:	78 - 95 - 99 - 100 - 100										
TM5-class:	BZ1										
Divergences in the plane through maximum intensity:											
						Horizontal		Vertical			
One half peak divergence:						39.6°		40.1°			
Half peak side angle (left):						-21.0°		-21.0°			
Half peak side angle (right):						18.7°		19.1°			
One tenth peak divergence:						94.1°		96.1°			
Tenth peak side angle (left):						-48.4°		-48.4°			
Tenth peak side angle (right):						45.7°		47.7°			
C-planes:											
	0.0°	15.0°	30.0°	45.0°	60.0°	75.0°	90.0°	105.0°	120.0°	135.0°	
	150.0°	165.0°	180.0°	195.0°	210.0°	225.0°	240.0°	255.0°	270.0°	285.0°	
	300.0°	315.0°	330.0°	345.0°							
Gamma:											
	0.0°	1.0°	2.0°	3.0°	4.0°	5.0°	6.0°	7.0°	8.0°	9.0°	
	10.0°	11.0°	12.0°	13.0°	14.0°	15.0°	16.0°	17.0°	18.0°	19.0°	
	20.0°	21.0°	22.0°	23.0°	24.0°	25.0°	26.0°	27.0°	28.0°	29.0°	
	30.0°	31.0°	32.0°	33.0°	34.0°	35.0°	36.0°	37.0°	38.0°	39.0°	
	40.0°	41.0°	42.0°	43.0°	44.0°	45.0°	46.0°	47.0°	48.0°	49.0°	
	50.0°	51.0°	52.0°	53.0°	54.0°	55.0°	56.0°	57.0°	58.0°	59.0°	
	60.0°	61.0°	62.0°	63.0°	64.0°	65.0°	66.0°	67.0°	68.0°	69.0°	
	70.0°	71.0°	72.0°	73.0°	74.0°	75.0°	76.0°	77.0°	78.0°	79.0°	
	80.0°	81.0°	82.0°	83.0°	84.0°	85.0°	86.0°	87.0°	88.0°	89.0°	
	90.0°	91.0°	92.0°	93.0°	94.0°	95.0°	96.0°	97.0°	98.0°	99.0°	
	100.0°	101.0°	102.0°	103.0°	104.0°	105.0°	106.0°	107.0°	108.0°	109.0°	
	110.0°	111.0°	112.0°	113.0°	114.0°	115.0°	116.0°	117.0°	118.0°	119.0°	
	120.0°	121.0°	122.0°	123.0°	124.0°	125.0°	126.0°	127.0°	128.0°	129.0°	
	130.0°	131.0°	132.0°	133.0°	134.0°	135.0°	136.0°	137.0°	138.0°	139.0°	
	140.0°	141.0°	142.0°	143.0°	144.0°	145.0°	146.0°	147.0°	148.0°	149.0°	
	150.0°	151.0°	152.0°	153.0°	154.0°	155.0°	156.0°	157.0°	158.0°	159.0°	
	160.0°	161.0°	162.0°	163.0°	164.0°	165.0°	166.0°	167.0°	168.0°	169.0°	
	170.0°	171.0°	172.0°	173.0°	174.0°	175.0°	176.0°	177.0°	178.0°	179.0°	
	180.0°										