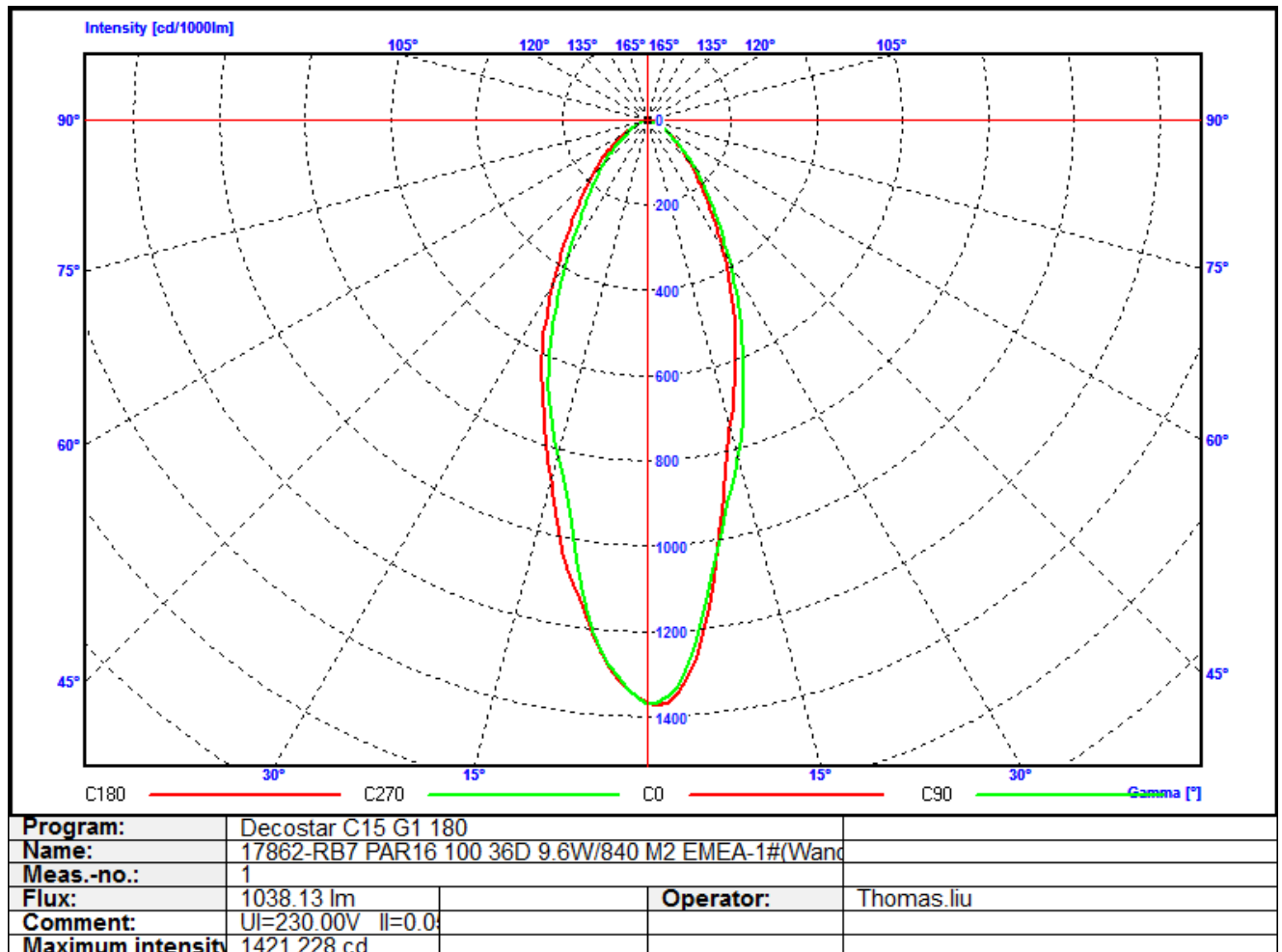


LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	Decostar C15 G1 180		
Name:	17862-RB7 PAR16 100 36D 9.6W/840 M2 EMEA-1#(Wang yuxi)		
Meas.-no.:	1		
Flux:	1038.13 lm		Operator: Thomas.liu
Comment:	UI=230.00V II=0.054A WI=9.43W PF=0.7649		
Maximum intensity:	1421.228 cd		

Polar diagram 17862-RB7 PAR16 100 36D 9.6W/840 M2 EMEA-1#(Wang yuxi) / C-Plane measurement



LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	Decostar C15 G1 180		
Name:	17862-RB7 PAR16 100 36D 9.6W/840 M2 EMEA-1#(Wang yuxi)		
Meas.-no.:	1		
Flux:	1038.13 lm		Operator: Thomas.liu
Comment:	UI=230.00V II=0.054A WI=9.43W PF=0.7649		
Maximum intensity:	1421.228 cd		

Intensity [cd] 17862-RB7 PAR16 100 36D 9.6W/840 M2 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	1413.6	1416.3	1406.4	1407.3	1403.9	1405.3	1417.0	1405.7	1403.5
1.00	1420.8	1421.2	1414.9	1411.8	1406.4	1403.3	1415.2	1397.4	1392.9
2.00	1413.6	1412.0	1411.6	1401.9	1397.2	1387.3	1399.2	1379.7	1374.0
3.00	1392.9	1385.5	1391.3	1376.5	1375.6	1358.8	1375.6	1349.1	1346.0
4.00	1361.0	1349.5	1358.1	1338.8	1336.3	1312.2	1334.3	1306.2	1304.2
5.00	1317.4	1302.6	1315.6	1290.0	1290.2	1260.8	1285.5	1257.6	1259.0
6.00	1260.8	1249.1	1261.9	1233.2	1233.8	1203.7	1230.2	1202.8	1202.6
7.00	1200.1	1190.0	1203.0	1177.2	1175.4	1149.1	1168.2	1146.2	1146.2
8.00	1137.2	1127.5	1145.5	1118.8	1117.4	1094.1	1114.3	1090.2	1091.8
9.00	1073.2	1064.6	1092.5	1069.6	1070.2	1048.5	1065.8	1039.0	1043.7
10.00	1005.3	1009.1	1039.9	1024.9	1029.1	1009.1	1022.6	992.7	995.6
11.00	948.2	957.4	991.8	979.9	989.4	970.3	981.3	950.9	956.1
12.00	895.9	903.5	941.7	934.3	946.9	933.9	942.8	917.0	920.6
13.00	851.2	857.2	900.8	894.5	910.0	897.2	910.3	888.0	888.5
14.00	810.0	815.2	855.9	856.8	870.9	862.4	877.9	860.8	859.7
15.00	771.8	780.4	820.2	822.2	833.6	826.0	846.7	835.2	830.7
16.00	740.6	748.0	786.7	786.9	795.7	791.2	814.3	806.2	798.8
17.00	713.0	720.6	754.8	754.3	763.1	758.4	782.6	775.9	769.8
18.00	682.6	695.0	722.0	719.5	728.5	725.3	748.7	745.3	738.1
19.00	653.7	668.3	692.5	687.6	695.9	693.9	715.4	713.2	707.8
20.00	627.4	640.8	662.4	655.0	664.4	662.0	682.6	683.1	679.7
21.00	599.9	612.1	632.8	625.6	636.8	630.5	652.1	655.2	654.1
22.00	571.9	581.5	603.3	596.1	607.1	600.2	622.9	624.2	628.7
23.00	544.0	551.0	572.3	566.7	578.6	570.3	591.0	592.5	600.4
24.00	515.9	520.2	543.1	538.4	548.7	539.7	560.9	559.3	569.4
25.00	489.6	491.2	514.6	510.5	522.0	511.2	531.2	528.9	541.5
26.00	464.0	463.3	486.3	484.0	493.9	484.7	503.8	498.4	512.8
27.00	438.2	436.8	457.7	456.6	464.7	457.9	476.1	469.6	482.0
28.00	413.9	409.9	431.6	431.4	437.3	433.4	449.2	440.0	453.7
29.00	390.1	385.6	408.1	406.5	411.9	408.1	423.3	412.5	427.8
30.00	366.0	362.4	383.6	382.2	385.8	384.9	400.2	386.9	400.2
31.00	344.0	340.6	361.5	360.0	362.2	361.8	377.3	361.5	377.3
32.00	323.8	320.0	339.7	337.5	339.3	341.1	355.3	339.5	354.4
33.00	304.7	300.6	321.3	317.5	318.4	320.9	334.6	317.7	332.8

LEDVANCE Lighting Co.Ltd.

17862-RB7 PAR16 100 36D 9.6W/840 M2 EMEA-1#(Wang yuxi)

Intensity [cd] 17862-RB7 PAR16 100 36D 9.6W/840 M2 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	285.8	283.6	302.7	298.0	299.3	302.4	316.2	298.4	313.0
35.00	267.2	267.6	284.5	279.8	280.9	285.1	297.5	280.9	294.6
36.00	251.2	253.9	268.1	262.2	263.6	269.0	278.9	263.3	277.7
37.00	235.9	240.7	252.8	245.8	249.6	254.1	262.9	247.6	261.8
38.00	221.1	228.3	238.4	231.4	235.5	240.9	246.7	234.1	246.9
39.00	208.3	217.3	224.9	217.1	222.9	227.8	232.6	222.0	233.0
40.00	195.5	206.3	212.6	204.5	211.4	214.8	218.4	210.1	220.2
41.00	184.7	195.9	201.1	192.3	200.4	204.0	204.5	199.3	208.5
42.00	173.7	185.8	189.9	180.9	190.1	191.9	193.0	189.0	196.8
43.00	164.0	175.5	179.3	171.2	180.0	182.0	181.6	179.8	185.4
44.00	154.1	166.1	169.2	161.3	170.3	171.4	170.5	169.6	174.8
45.00	146.1	155.9	159.5	152.1	161.6	160.7	160.2	160.0	165.4
46.00	137.1	146.3	150.1	142.9	151.7	150.8	150.5	150.5	155.3
47.00	129.0	137.1	140.2	134.8	142.5	140.7	140.9	140.9	144.9
48.00	120.0	126.7	131.0	126.3	133.0	131.0	131.2	131.7	135.5
49.00	111.9	117.7	121.8	118.2	123.8	121.3	122.2	122.0	126.3
50.00	104.5	109.2	113.5	109.9	115.3	112.4	113.9	113.2	117.3
51.00	97.1	101.6	105.6	102.2	107.0	103.6	105.8	104.7	108.5
52.00	90.6	94.4	97.5	94.6	98.2	95.7	98.0	96.2	100.2
53.00	84.3	87.0	90.3	87.9	90.8	88.1	90.6	88.3	92.1
54.00	79.3	80.9	84.0	82.0	84.0	81.1	83.6	81.6	84.9
55.00	74.8	76.4	78.6	77.1	78.4	75.9	77.5	75.5	78.2
56.00	70.8	73.0	73.9	73.0	73.9	71.5	71.9	69.9	72.4
57.00	67.6	69.9	70.3	69.0	70.3	67.9	67.2	64.9	67.0
58.00	64.3	65.8	67.2	65.2	67.0	64.9	63.4	60.9	62.5
59.00	60.0	61.1	63.8	61.6	63.1	60.7	60.0	57.3	58.2
60.00	55.1	55.1	59.3	58.2	58.6	56.0	56.4	53.3	54.4
61.00	49.9	48.8	54.6	53.7	53.3	50.3	51.9	49.0	50.1
62.00	44.9	43.6	49.4	48.5	47.9	44.7	47.4	44.5	45.8
63.00	40.0	39.1	44.3	43.1	42.9	39.8	42.2	40.2	41.3
64.00	35.5	35.3	39.5	38.0	38.2	35.1	37.1	35.5	37.1
65.00	31.5	31.7	34.8	33.3	33.7	31.0	32.6	31.5	33.0
66.00	28.3	28.1	31.0	29.7	29.7	27.6	29.0	27.9	29.7
67.00	25.2	25.2	27.6	26.3	26.3	24.7	25.6	24.9	26.3
68.00	22.5	22.5	24.5	23.4	23.4	21.8	22.7	22.2	23.4
69.00	20.2	20.0	21.8	21.1	20.7	19.3	20.2	19.8	20.9
70.00	18.0	18.0	19.5	18.7	18.4	17.3	18.0	17.5	18.7
71.00	16.2	16.0	17.3	16.6	16.4	15.3	16.0	15.5	16.4
72.00	14.4	14.2	15.5	14.8	14.6	13.7	14.2	13.9	14.6
73.00	12.8	12.6	13.7	13.3	13.0	12.1	12.6	12.1	13.0
74.00	11.2	11.0	12.1	11.7	11.5	10.6	11.0	10.6	11.2
75.00	9.9	9.7	10.6	10.1	10.1	9.4	9.7	9.4	9.9
76.00	8.5	8.5	9.2	8.8	8.8	8.1	8.3	8.1	8.5

LEDVANCE Lighting Co.Ltd.

17862-RB7 PAR16 100 36D 9.6W/840 M2 EMEA-1#(Wang yuxi)

Intensity [cd] 17862-RB7 PAR16 100 36D 9.6W/840 M2 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	7.6	7.4	8.1	7.6	7.6	7.0	7.2	7.2	7.4
78.00	6.7	6.5	7.2	6.7	6.7	6.1	6.3	6.3	6.5
79.00	5.8	5.6	6.3	5.8	5.8	5.4	5.4	5.4	5.6
80.00	4.9	4.9	5.4	4.9	4.9	4.7	4.7	4.7	4.9
81.00	4.3	4.3	4.7	4.3	4.3	4.0	4.0	4.0	4.0
82.00	3.8	3.6	4.0	3.6	3.6	3.4	3.4	3.4	3.6
83.00	3.1	3.1	3.4	3.1	3.1	2.7	2.7	2.9	2.9
84.00	2.7	2.5	2.9	2.5	2.5	2.2	2.2	2.2	2.5
85.00	2.2	2.0	2.2	2.0	2.0	1.8	1.8	1.8	2.0
86.00	1.6	1.6	1.8	1.6	1.6	1.3	1.3	1.3	1.6
87.00	1.3	1.1	1.3	1.1	1.1	1.1	0.9	1.1	1.1
88.00	0.9	0.9	1.1	0.9	0.9	0.7	0.7	0.9	0.9
89.00	0.7	0.7	0.7	0.7	0.7	0.7	0.4	0.7	0.7
90.00	0.4	0.4	0.7	0.4	0.4	0.4	0.4	0.4	0.4
91.00	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.4	0.4
92.00	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.4	0.4
93.00	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.4	0.4
94.00	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.4	0.4
95.00	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.4	0.4
96.00	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.4	0.4
97.00	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.4	0.4
98.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
99.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
100.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
101.00	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.4	0.4
102.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
103.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
104.00	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.4	0.4
105.00	0.7	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
106.00	0.4	0.4	0.4	0.7	0.4	0.4	0.4	0.4	0.4
107.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	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	0.7	0.4	0.7	0.4	0.4	0.4	0.4	0.4	0.4
110.00	0.7	0.7	0.7	0.4	0.7	0.4	0.4	0.4	0.4
111.00	0.7	0.4	0.7	0.7	0.4	0.4	0.4	0.4	0.4
112.00	0.7	0.7	0.7	0.7	0.4	0.4	0.4	0.4	0.4
113.00	0.7	0.7	0.7	0.7	0.7	0.4	0.4	0.7	0.4
114.00	0.7	0.7	0.7	0.7	0.7	0.4	0.4	0.7	0.7
115.00	0.7	0.7	0.7	0.7	0.7	0.7	0.4	0.4	0.7
116.00	0.7	0.7	0.7	0.7	0.7	0.7	0.4	0.4	0.7
117.00	0.7	0.7	0.7	0.7	0.7	0.7	0.4	0.7	0.4
118.00	0.7	0.7	0.7	0.7	0.7	0.7	0.4	0.7	0.7
119.00	0.7	0.7	0.7	0.7	0.7	0.7	0.4	0.7	0.7

LEDVANCE Lighting Co.Ltd.

17862-RB7 PAR16 100 36D 9.6W/840 M2 EMEA-1#(Wang yuxi)

Intensity [cd] 17862-RB7 PAR16 100 36D 9.6W/840 M2 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	0.7	0.7	0.7	0.7	0.7	0.7	0.4	0.7	0.7
121.00	0.9	0.7	0.7	0.7	0.7	0.7	0.4	0.7	0.7
122.00	0.7	0.7	0.7	0.7	0.7	0.7	0.4	0.7	0.7
123.00	0.7	0.7	0.7	0.7	0.7	0.7	0.4	0.7	0.7
124.00	0.7	0.7	0.7	0.7	0.7	0.7	0.4	0.7	0.7
125.00	0.9	0.7	0.7	0.7	0.7	0.7	0.4	0.7	0.7
126.00	0.9	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7
127.00	0.9	0.9	0.7	0.9	0.7	0.7	0.7	0.7	0.7
128.00	0.9	0.9	0.9	0.9	0.9	0.7	0.7	0.7	0.7
129.00	0.9	0.9	0.9	0.9	0.9	0.7	0.7	0.9	0.9
130.00	0.9	0.9	0.9	0.9	0.9	0.7	0.7	0.7	0.9
131.00	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.9	0.9
132.00	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.9	0.9
133.00	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.9	0.9
134.00	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.9	0.9
135.00	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.9	0.9
136.00	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
137.00	1.1	1.1	1.1	0.9	0.9	0.9	0.9	1.1	0.9
138.00	1.1	1.1	1.1	1.1	0.9	0.9	0.9	0.9	0.9
139.00	1.1	1.1	1.1	1.1	1.1	0.9	0.9	0.9	0.9
140.00	1.1	1.1	1.1	1.1	1.1	0.9	0.9	0.9	1.1
141.00	1.1	1.1	1.1	1.1	1.1	1.1	0.9	0.9	1.1
142.00	1.1	1.1	1.1	1.1	1.1	1.1	0.9	1.1	1.1
143.00	1.1	1.1	1.1	1.1	1.1	1.1	0.9	1.1	1.1
144.00	1.1	1.1	1.1	1.1	1.1	1.1	0.9	1.1	1.1
145.00	1.1	1.1	1.1	1.1	1.1	1.1	0.9	1.1	1.1
146.00	1.1	1.1	1.1	1.1	1.1	1.1	0.9	1.1	1.1
147.00	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
148.00	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
149.00	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
150.00	1.1	1.3	1.3	1.3	1.3	1.1	1.1	1.1	1.1
151.00	1.3	1.1	1.3	1.3	1.1	1.1	1.1	1.1	1.1
152.00	1.3	1.3	1.3	1.3	1.3	1.1	1.1	1.3	1.3
153.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.1	1.1
154.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
155.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
156.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
157.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
158.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
159.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
160.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
161.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
162.00	1.3	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3

LEDVANCE Lighting Co.Ltd.

17862-RB7 PAR16 100 36D 9.6W/840 M2 EMEA-1#(Wang yuxi)

Intensity [cd] 17862-RB7 PAR16 100 36D 9.6W/840 M2 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	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
164.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
165.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
166.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
167.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
168.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
169.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
170.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
171.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
172.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
173.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
174.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
175.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
176.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
177.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
178.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
179.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
180.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

G/C [cd]	135.00	150.00	165.00	180.00	195.00	210.00	225.00	240.00	255.00
0.00	1401.0	1404.4	1402.8	1413.6	1416.3	1406.4	1407.3	1403.9	1405.3
1.00	1386.0	1392.2	1387.7	1400.3	1402.8	1391.1	1395.2	1393.8	1397.4
2.00	1366.0	1372.2	1370.0	1381.9	1387.1	1377.9	1383.7	1379.7	1386.6
3.00	1335.4	1347.5	1342.1	1361.5	1370.2	1359.7	1367.3	1362.6	1369.5
4.00	1292.7	1308.2	1307.3	1331.3	1344.8	1332.9	1343.5	1336.5	1347.1
5.00	1246.9	1267.3	1265.7	1297.4	1312.2	1300.8	1311.6	1304.6	1317.0
6.00	1193.2	1216.3	1221.0	1257.0	1279.2	1264.4	1270.9	1260.3	1274.7
7.00	1142.4	1162.1	1175.4	1216.3	1237.6	1220.1	1225.1	1214.5	1230.0
8.00	1090.0	1118.6	1137.0	1177.7	1200.3	1178.3	1177.2	1161.5	1177.2
9.00	1040.8	1073.8	1099.2	1144.8	1165.3	1141.7	1131.6	1107.1	1121.7
10.00	997.2	1032.0	1060.4	1107.8	1129.1	1098.6	1081.7	1053.4	1060.8
11.00	957.4	993.6	1016.1	1071.6	1091.8	1055.2	1037.4	1004.0	1004.9
12.00	921.5	951.6	973.4	1028.9	1047.1	1007.1	990.0	955.9	954.1
13.00	890.9	915.9	935.7	986.2	999.5	964.6	949.1	915.0	910.3
14.00	858.8	883.1	902.2	941.9	953.2	919.5	908.5	878.4	873.9
15.00	830.0	852.5	870.3	902.4	910.7	881.5	873.6	847.3	841.5
16.00	797.7	821.5	838.4	868.0	874.8	848.2	843.3	818.6	815.4
17.00	766.2	793.4	804.9	835.0	837.0	814.3	812.3	790.5	790.5
18.00	736.6	764.2	776.8	799.5	801.3	778.6	780.4	761.5	761.1
19.00	708.7	737.9	749.8	769.1	769.4	747.6	750.5	731.6	732.1
20.00	679.5	711.2	721.3	738.6	742.2	719.3	723.8	703.8	705.1
21.00	652.8	685.3	694.8	708.9	713.4	691.6	697.0	675.7	677.2
22.00	626.7	657.2	666.0	681.1	685.1	665.1	667.6	646.0	649.6

LEDVANCE Lighting Co.Ltd.

17862-RB7 PAR16 100 36D 9.6W/840 M2 EMEA-1#(Wang yuxi)

Intensity [cd] 17862-RB7 PAR16 100 36D 9.6W/840 M2 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	598.6	628.0	638.4	654.6	657.5	638.4	640.8	616.8	618.8
24.00	569.4	599.7	607.6	626.0	633.0	611.9	611.6	585.6	590.5
25.00	542.2	571.4	578.8	597.3	604.9	582.9	583.8	556.8	562.0
26.00	513.4	542.7	550.5	571.6	577.5	557.0	554.8	530.5	533.2
27.00	486.9	513.7	522.7	542.7	551.6	528.0	526.0	502.7	506.5
28.00	460.6	485.8	492.1	513.9	522.9	500.6	498.4	475.5	480.0
29.00	435.2	458.2	464.9	486.5	493.9	474.3	469.4	448.1	453.9
30.00	412.3	431.4	438.4	459.1	464.5	448.1	443.3	422.4	427.2
31.00	389.9	405.8	413.9	430.5	436.6	423.3	415.0	396.6	401.8
32.00	366.9	381.3	388.5	405.6	409.2	396.8	390.1	370.3	376.6
33.00	346.7	359.5	366.7	382.2	384.9	372.6	366.7	347.2	354.4
34.00	327.8	337.5	345.4	360.0	361.1	351.2	343.6	325.8	332.8
35.00	308.7	317.3	325.8	339.1	339.1	328.5	321.8	306.3	310.8
36.00	290.3	297.3	305.8	319.1	319.1	308.5	301.1	287.6	291.2
37.00	273.7	280.7	287.2	300.9	300.9	289.2	283.1	271.9	273.5
38.00	257.7	265.1	271.0	283.8	283.8	272.8	265.1	256.2	256.4
39.00	242.9	250.5	255.0	267.4	268.5	256.4	249.6	242.2	240.9
40.00	228.5	237.3	239.8	252.6	254.4	240.4	234.6	229.4	226.0
41.00	215.7	225.8	225.1	237.3	241.3	226.3	221.6	217.3	212.6
42.00	203.6	213.9	212.6	224.0	229.2	212.8	208.5	205.6	199.8
43.00	193.2	204.0	200.2	211.0	218.2	200.4	196.2	194.6	187.0
44.00	182.2	193.2	189.2	199.1	207.6	189.0	184.5	184.3	175.9
45.00	171.9	183.4	178.4	188.3	197.7	178.0	174.1	173.7	165.4
46.00	161.1	172.3	168.5	178.0	187.4	168.5	163.8	163.4	154.8
47.00	151.2	162.2	158.6	168.3	176.6	158.6	154.1	152.8	144.9
48.00	141.6	151.9	149.4	158.4	166.3	149.2	145.2	143.1	135.5
49.00	131.4	141.8	139.8	149.2	155.7	139.8	136.4	133.5	126.7
50.00	122.2	132.1	130.8	140.4	145.8	131.4	128.1	124.7	118.0
51.00	113.5	122.7	122.2	131.4	135.5	122.7	119.1	115.5	109.4
52.00	104.5	113.7	113.5	122.2	125.2	113.9	110.8	107.0	101.6
53.00	96.4	104.7	104.9	113.0	116.4	105.2	102.9	98.2	94.1
54.00	89.2	97.1	97.1	105.4	107.6	97.5	95.3	91.2	87.0
55.00	82.9	89.7	90.1	97.5	99.1	90.6	87.6	84.0	80.0
56.00	76.8	83.1	83.8	90.3	91.7	83.6	81.1	77.1	73.7
57.00	71.2	77.1	78.0	84.0	84.9	78.0	75.5	71.2	68.1
58.00	66.5	71.9	73.0	78.4	79.1	72.8	70.3	65.8	63.4
59.00	62.5	67.2	68.3	72.8	73.9	68.5	65.8	61.3	59.5
60.00	58.4	62.2	64.0	68.3	69.4	64.5	61.3	57.3	56.6
61.00	53.7	57.7	59.3	63.4	64.9	60.2	57.3	53.5	53.9
62.00	49.0	53.0	54.8	58.9	59.8	55.5	52.6	49.9	50.6
63.00	43.6	48.1	50.1	53.7	54.4	50.3	48.1	45.6	47.0
64.00	38.9	42.9	45.2	48.3	48.8	44.9	43.6	41.3	42.5
65.00	34.4	38.4	40.2	43.4	43.4	40.0	39.1	37.3	37.7

LEDVANCE Lighting Co.Ltd.

17862-RB7 PAR16 100 36D 9.6W/840 M2 EMEA-1#(Wang yuxi)

Intensity [cd] 17862-RB7 PAR16 100 36D 9.6W/840 M2 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	30.6	34.4	36.0	38.6	38.6	36.0	35.1	33.0	33.3
67.00	27.4	30.6	32.1	34.4	34.4	32.1	31.7	29.4	29.2
68.00	24.3	27.0	28.8	30.6	30.6	28.5	28.3	26.1	25.6
69.00	21.6	24.0	25.4	27.2	27.2	25.6	25.4	23.4	22.9
70.00	19.1	21.3	22.5	24.0	24.3	22.7	22.7	20.9	20.4
71.00	17.1	19.1	20.0	21.3	21.3	20.2	20.2	18.7	18.2
72.00	15.1	16.9	17.8	18.7	18.9	18.0	18.0	16.6	16.2
73.00	13.3	14.8	15.5	16.4	16.6	16.0	16.0	14.8	14.6
74.00	11.5	13.0	13.7	14.6	14.8	14.2	14.4	13.3	13.0
75.00	10.1	11.5	11.9	12.6	12.8	12.4	12.6	11.7	11.5
76.00	8.8	9.9	10.3	11.0	11.2	10.8	11.0	10.3	10.1
77.00	7.4	8.5	8.8	9.4	9.7	9.4	9.7	9.0	9.0
78.00	6.5	7.4	7.6	8.1	8.5	8.1	8.5	8.1	7.9
79.00	5.6	6.5	6.7	7.2	7.4	7.0	7.4	7.0	6.7
80.00	4.9	5.4	5.6	6.1	6.3	6.1	6.5	6.1	6.1
81.00	4.0	4.7	4.9	5.2	5.4	5.2	5.6	5.4	5.2
82.00	3.6	4.0	4.0	4.5	4.7	4.5	4.7	4.7	4.5
83.00	2.9	3.4	3.6	3.8	4.0	3.8	4.0	3.8	3.8
84.00	2.5	2.7	2.9	3.1	3.4	3.1	3.4	3.4	3.4
85.00	2.0	2.2	2.2	2.5	2.7	2.5	2.9	2.7	2.7
86.00	1.6	1.8	1.8	2.0	2.2	2.0	2.2	2.2	2.2
87.00	1.1	1.3	1.3	1.3	1.6	1.6	1.8	1.6	1.6
88.00	0.9	1.1	1.1	1.1	1.1	1.1	1.3	1.1	1.3
89.00	0.7	0.9	0.7	0.7	0.9	0.7	0.9	0.9	0.9
90.00	0.4	0.7	0.7	0.4	0.7	0.4	0.7	0.7	0.7
91.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
92.00	0.4	0.4	0.4	0.2	0.4	0.4	0.4	0.4	0.4
93.00	0.4	0.4	0.4	0.2	0.4	0.4	0.4	0.7	0.4
94.00	0.4	0.4	0.4	0.2	0.4	0.4	0.4	0.7	0.4
95.00	0.4	0.4	0.4	0.2	0.4	0.4	0.4	0.4	0.4
96.00	0.4	0.4	0.4	0.2	0.4	0.4	0.4	0.4	0.4
97.00	0.4	0.4	0.4	0.2	0.2	0.4	0.4	0.4	0.4
98.00	0.4	0.4	0.4	0.2	0.4	0.4	0.4	0.4	0.4
99.00	0.4	0.4	0.4	0.2	0.2	0.4	0.4	0.4	0.4
100.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
101.00	0.4	0.4	0.4	0.2	0.4	0.4	0.7	0.4	0.4
102.00	0.4	0.4	0.4	0.2	0.4	0.4	0.9	0.7	0.4
103.00	0.4	0.4	0.4	0.2	0.2	0.4	0.9	0.7	0.4
104.00	0.4	0.4	0.4	0.4	0.4	0.4	0.7	0.7	0.4
105.00	0.4	0.4	0.4	0.4	0.4	0.4	0.7	0.7	0.4
106.00	0.4	0.4	0.4	0.4	0.4	0.4	0.7	0.7	0.4
107.00	0.4	0.4	0.4	0.4	0.4	0.4	0.7	0.7	0.4
108.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.7	0.4

LEDVANCE Lighting Co.Ltd.

17862-RB7 PAR16 100 36D 9.6W/840 M2 EMEA-1#(Wang yuxi)

Intensity [cd] 17862-RB7 PAR16 100 36D 9.6W/840 M2 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	0.4	0.4	0.4	0.4	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	0.4	0.4	0.4
112.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	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	0.7	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
115.00	0.7	0.7	0.7	0.4	0.4	0.4	0.4	0.4	0.4
116.00	0.7	0.7	0.7	0.4	0.4	0.4	0.4	0.4	0.4
117.00	0.7	0.7	0.7	0.4	0.4	0.4	0.4	0.7	0.7
118.00	0.7	0.7	0.7	0.4	0.4	0.4	0.4	0.7	0.4
119.00	0.7	0.7	0.7	0.4	0.4	0.4	0.7	0.7	0.7
120.00	0.7	0.7	0.7	0.4	0.4	0.7	0.7	0.7	0.7
121.00	0.7	0.7	0.7	0.4	0.7	0.7	0.7	0.7	0.7
122.00	0.7	0.7	0.7	0.4	0.4	0.7	0.7	0.7	0.7
123.00	0.7	0.7	0.7	0.4	0.7	0.7	0.7	0.7	0.7
124.00	0.7	0.7	0.7	0.4	0.7	0.7	0.7	0.7	0.7
125.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
126.00	0.7	0.7	0.7	0.4	0.7	0.7	0.7	0.7	0.7
127.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
128.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
129.00	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
130.00	0.7	0.7	0.9	0.7	0.7	0.7	0.7	0.7	0.7
131.00	0.7	0.9	0.9	0.7	0.7	0.7	0.7	0.7	0.9
132.00	0.9	0.9	0.9	0.7	0.7	0.7	0.9	0.7	0.9
133.00	0.9	0.9	0.9	0.7	0.7	0.7	0.9	0.9	0.7
134.00	0.9	0.9	0.9	0.7	0.7	0.7	0.9	0.9	0.9
135.00	0.9	0.9	0.9	0.7	0.9	0.9	0.9	0.9	0.9
136.00	0.9	0.9	0.9	0.9	0.7	0.9	0.9	0.9	0.9
137.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
138.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
139.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
140.00	1.1	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9
141.00	1.1	1.1	1.1	0.9	0.9	0.9	0.9	0.9	0.9
142.00	0.9	1.1	1.1	0.9	0.9	0.9	1.1	1.1	0.9
143.00	1.1	1.1	1.1	0.9	0.9	0.9	1.1	1.1	1.1
144.00	1.1	1.1	1.1	0.9	0.9	0.9	1.1	1.1	0.9
145.00	1.1	1.1	1.1	0.9	0.9	1.1	1.1	1.1	1.1
146.00	1.1	1.1	1.1	0.9	1.1	1.1	1.1	1.1	1.1
147.00	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
148.00	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
149.00	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
150.00	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
151.00	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1

LEDVANCE Lighting Co.Ltd.

17862-RB7 PAR16 100 36D 9.6W/840 M2 EMEA-1#(Wang yuxi)

Intensity [cd] 17862-RB7 PAR16 100 36D 9.6W/840 M2 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	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
153.00	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
154.00	1.1	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1
155.00	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.3	1.1
156.00	1.3	1.3	1.3	1.1	1.1	1.1	1.1	1.1	1.1
157.00	1.3	1.3	1.3	1.1	1.1	1.1	1.3	1.3	1.1
158.00	1.3	1.3	1.3	1.1	1.1	1.1	1.3	1.3	1.3
159.00	1.3	1.3	1.3	1.1	1.1	1.1	1.3	1.3	1.3
160.00	1.3	1.3	1.3	1.1	1.1	1.1	1.3	1.3	1.1
161.00	1.3	1.3	1.3	1.1	1.1	1.1	1.3	1.3	1.3
162.00	1.3	1.3	1.3	1.1	1.1	1.1	1.3	1.3	1.3
163.00	1.3	1.3	1.3	1.1	1.3	1.1	1.3	1.3	1.3
164.00	1.3	1.3	1.3	1.1	1.3	1.3	1.3	1.3	1.3
165.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
166.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
167.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
168.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
169.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
170.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
171.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
172.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
173.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
174.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
175.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
176.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
177.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
178.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
179.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
180.00	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
0.00	1417.0	1405.7	1403.5	1401.0	1404.4	1402.8
1.00	1402.4	1402.8	1401.5	1405.7	1407.5	1410.7
2.00	1381.9	1388.4	1388.4	1397.0	1400.6	1410.0
3.00	1354.7	1367.5	1366.6	1381.0	1384.4	1395.6
4.00	1327.3	1341.9	1342.1	1357.0	1358.3	1373.4
5.00	1292.7	1309.8	1311.1	1327.1	1324.2	1339.4
6.00	1250.0	1269.6	1274.1	1286.6	1279.4	1289.3
7.00	1198.6	1222.1	1223.3	1238.8	1218.8	1233.2
8.00	1147.8	1170.2	1170.5	1185.5	1161.0	1171.6
9.00	1089.8	1116.8	1119.9	1127.8	1103.1	1108.0
10.00	1034.7	1063.3	1061.9	1073.2	1038.1	1039.2
11.00	981.9	1008.7	1009.1	1012.7	979.0	979.5

LEDVANCE Lighting Co.Ltd.

17862-RB7 PAR16 100 36D 9.6W/840 M2 EMEA-1#(Wang yuxi)

Intensity [cd] 17862-RB7 PAR16 100 36D 9.6W/840 M2 EMEA-1#(Wang yuxi) / C-Plane measurement

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
12.00	936.3	961.9	963.5	963.1	926.7	928.2
13.00	900.6	921.5	925.1	920.6	886.9	882.2
14.00	868.0	887.6	890.3	880.2	850.9	842.4
15.00	839.5	858.6	858.1	847.3	818.1	802.0
16.00	812.5	833.4	827.8	814.8	784.7	767.4
17.00	788.9	807.8	796.6	782.9	753.9	735.2
18.00	760.4	778.8	762.0	748.5	720.8	702.4
19.00	728.9	747.6	723.8	715.0	687.4	670.7
20.00	699.9	712.5	686.5	682.4	653.7	642.4
21.00	669.6	677.9	649.2	647.1	621.7	613.9
22.00	636.6	643.3	615.7	615.2	591.6	587.1
23.00	604.7	607.1	582.2	581.7	560.4	558.6
24.00	572.3	574.8	552.1	551.6	528.9	532.1
25.00	541.3	541.5	522.4	523.1	500.4	503.3
26.00	509.4	507.8	494.6	493.2	473.0	477.0
27.00	477.0	475.9	465.4	465.8	444.7	449.8
28.00	445.6	444.5	436.8	438.2	416.6	424.5
29.00	414.8	413.2	409.2	411.4	390.3	399.3
30.00	385.6	383.1	383.3	385.6	365.1	373.5
31.00	359.1	355.7	359.7	360.4	341.5	349.6
32.00	334.1	331.2	337.9	338.4	317.5	327.6
33.00	313.0	309.2	317.5	318.2	296.6	306.9
34.00	293.0	289.4	298.9	299.1	278.0	287.4
35.00	274.6	270.5	279.3	279.8	260.4	268.3
36.00	257.1	253.5	261.6	262.4	244.9	251.4
37.00	242.2	238.6	245.4	246.3	230.5	235.9
38.00	228.1	224.9	230.5	231.2	218.2	221.3
39.00	214.8	211.7	215.9	217.1	206.3	206.9
40.00	202.5	200.4	201.8	204.0	194.8	194.6
41.00	191.7	189.2	188.7	192.3	183.8	183.1
42.00	180.4	178.6	178.2	180.9	174.1	172.1
43.00	170.1	168.7	167.2	169.6	164.7	161.8
44.00	160.4	159.1	156.4	159.5	155.0	152.6
45.00	151.2	149.9	147.0	149.4	145.6	144.0
46.00	141.8	140.4	137.3	140.0	136.8	135.5
47.00	132.6	130.6	127.4	130.1	127.6	126.7
48.00	123.6	120.9	117.5	120.9	118.6	118.4
49.00	115.0	112.4	108.8	112.1	109.4	110.8
50.00	107.2	104.3	100.2	103.6	101.8	103.1
51.00	99.1	95.9	92.1	95.5	94.6	95.5
52.00	91.7	88.3	85.2	88.3	87.2	89.0
53.00	84.5	81.3	78.2	80.9	80.7	82.9
54.00	78.2	74.6	71.9	74.6	75.0	77.3

LEDVANCE Lighting Co.Ltd.

17862-RB7 PAR16 100 36D 9.6W/840 M2 EMEA-1#(Wang yuxi)

Intensity [cd] 17862-RB7 PAR16 100 36D 9.6W/840 M2 EMEA-1#(Wang yuxi) / C-Plane measurement

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
55.00	71.9	68.5	66.3	68.5	69.2	72.4
56.00	66.3	62.9	61.3	63.1	64.7	68.5
57.00	61.3	58.4	57.1	58.9	60.7	65.4
58.00	57.1	54.2	53.7	55.3	57.7	62.2
59.00	53.7	51.0	51.5	52.8	54.8	58.9
60.00	51.2	49.2	49.7	50.6	51.7	55.3
61.00	49.2	47.4	48.1	48.1	48.1	51.0
62.00	46.7	44.3	45.4	45.2	44.0	46.3
63.00	42.9	40.7	41.1	41.3	39.5	41.3
64.00	38.9	36.6	36.4	36.6	35.1	36.6
65.00	34.6	33.0	31.7	32.6	31.0	32.6
66.00	30.3	29.0	28.1	28.8	27.6	28.8
67.00	26.7	25.6	24.7	25.6	24.7	25.6
68.00	23.6	22.5	22.0	22.7	21.8	22.7
69.00	20.9	20.2	19.5	20.0	19.5	20.4
70.00	18.7	18.0	17.3	18.0	17.3	18.2
71.00	16.6	16.0	15.7	16.0	15.5	16.4
72.00	14.8	14.4	14.2	14.2	13.9	14.6
73.00	13.3	13.0	12.6	12.6	12.4	13.0
74.00	11.9	11.7	11.2	11.2	11.0	11.5
75.00	10.6	10.3	9.9	10.1	9.9	10.1
76.00	9.4	9.2	9.0	8.8	8.5	9.0
77.00	8.3	8.1	7.9	7.9	7.6	7.9
78.00	7.4	7.2	7.0	7.0	6.7	7.0
79.00	6.5	6.3	6.1	6.1	5.8	6.1
80.00	5.8	5.6	5.4	5.2	5.2	5.4
81.00	4.9	4.9	4.7	4.7	4.5	4.7
82.00	4.3	4.3	4.0	4.0	3.8	4.0
83.00	3.8	3.6	3.4	3.4	3.4	3.4
84.00	3.1	3.1	2.9	2.9	2.7	2.9
85.00	2.7	2.5	2.5	2.5	2.2	2.5
86.00	2.2	2.0	2.0	2.0	1.8	1.8
87.00	1.6	1.6	1.6	1.6	1.3	1.3
88.00	1.1	1.1	1.1	1.1	0.9	1.1
89.00	0.9	0.9	0.9	0.9	0.7	0.9
90.00	0.7	0.7	0.7	0.7	0.4	0.7
91.00	0.4	0.4	0.4	0.4	0.2	0.4
92.00	0.4	0.2	0.2	0.2	0.4	0.4
93.00	0.4	0.4	0.4	0.4	0.4	0.4
94.00	0.4	0.4	0.4	0.4	0.4	0.4
95.00	0.4	0.2	0.4	0.4	0.4	0.4
96.00	0.4	0.4	0.4	0.2	0.4	0.4
97.00	0.4	0.2	0.4	0.4	0.4	0.4

LEDVANCE Lighting Co.Ltd.

17862-RB7 PAR16 100 36D 9.6W/840 M2 EMEA-1#(Wang yuxi)

Intensity [cd] 17862-RB7 PAR16 100 36D 9.6W/840 M2 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	0.4	0.4	0.4	0.4	0.4
99.00	0.4	0.4	0.4	0.4	0.4	0.4
100.00	0.4	0.4	0.4	0.4	0.4	0.4
101.00	0.4	0.4	0.4	0.4	0.4	0.4
102.00	0.4	0.4	0.4	0.4	0.4	0.4
103.00	0.4	0.4	0.4	0.4	0.4	0.4
104.00	0.4	0.4	0.4	0.4	0.4	0.4
105.00	0.4	0.4	0.4	0.4	0.4	0.4
106.00	0.4	0.4	0.4	0.4	0.4	0.4
107.00	0.4	0.4	0.4	0.4	0.4	0.4
108.00	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
110.00	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
112.00	0.7	0.4	0.4	0.4	0.4	0.4
113.00	0.4	0.4	0.4	0.4	0.4	0.4
114.00	0.7	0.4	0.4	0.4	0.4	0.7
115.00	0.7	0.4	0.4	0.4	0.4	0.7
116.00	0.7	0.4	0.4	0.4	0.7	0.7
117.00	0.7	0.4	0.4	0.4	0.4	0.7
118.00	0.7	0.4	0.4	0.7	0.7	0.7
119.00	0.7	0.7	0.7	0.4	0.7	0.7
120.00	0.7	0.4	0.7	0.7	0.7	0.7
121.00	0.7	0.7	0.7	0.7	0.7	0.7
122.00	0.7	0.7	0.7	0.7	0.7	0.7
123.00	0.7	0.7	0.7	0.7	0.7	0.7
124.00	0.7	0.7	0.7	0.7	0.7	0.7
125.00	0.7	0.7	0.7	0.7	0.7	0.9
126.00	0.7	0.7	0.7	0.7	0.7	0.7
127.00	0.7	0.7	0.7	0.7	0.7	0.9
128.00	0.9	0.7	0.7	0.7	0.7	0.9
129.00	0.7	0.7	0.7	0.7	0.7	0.9
130.00	0.9	0.7	0.7	0.7	0.7	0.9
131.00	0.9	0.7	0.7	0.7	0.7	0.9
132.00	0.9	0.7	0.7	0.7	0.9	0.9
133.00	0.9	0.9	0.9	0.7	0.9	0.9
134.00	0.9	0.9	0.9	0.9	0.9	0.9
135.00	0.9	0.9	0.9	0.9	0.9	0.9
136.00	0.9	0.9	0.9	0.9	0.9	0.9
137.00	0.9	0.9	0.9	0.9	0.9	0.9
138.00	0.9	0.9	0.9	0.9	0.9	0.9
139.00	0.9	0.9	0.9	0.9	0.9	0.9
140.00	1.1	0.9	0.9	0.9	0.9	1.1

LEDVANCE Lighting Co.Ltd.

17862-RB7 PAR16 100 36D 9.6W/840 M2 EMEA-1#(Wang yuxi)

Intensity [cd] 17862-RB7 PAR16 100 36D 9.6W/840 M2 EMEA-1#(Wang yuxi) / C-Plane measurement

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
141.00	1.1	1.1	0.9	1.1	0.9	1.1
142.00	1.1	0.9	0.9	0.9	0.9	1.1
143.00	1.1	1.1	1.1	1.1	0.9	1.1
144.00	1.1	1.1	1.1	1.1	1.1	1.1
145.00	1.1	1.1	1.1	1.1	1.1	1.1
146.00	1.1	1.1	1.1	1.1	1.1	1.1
147.00	1.1	1.1	1.1	1.1	1.1	1.1
148.00	1.1	1.1	1.1	1.1	1.1	1.1
149.00	1.1	1.1	1.1	1.1	1.1	1.1
150.00	1.1	1.1	1.1	1.1	1.1	1.1
151.00	1.1	1.1	1.1	1.1	1.1	1.1
152.00	1.1	1.1	1.1	1.1	1.1	1.1
153.00	1.3	1.1	1.1	1.1	1.1	1.1
154.00	1.3	1.3	1.1	1.1	1.3	1.3
155.00	1.3	1.1	1.1	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	1.1	1.3	1.3	1.3
158.00	1.3	1.1	1.1	1.3	1.3	1.3
159.00	1.3	1.3	1.3	1.3	1.3	1.3
160.00	1.3	1.3	1.3	1.3	1.3	1.1
161.00	1.3	1.3	1.3	1.3	1.3	1.3
162.00	1.3	1.3	1.3	1.3	1.3	1.3
163.00	1.3	1.3	1.3	1.3	1.3	1.3
164.00	1.3	1.3	1.3	1.3	1.3	1.3
165.00	1.3	1.3	1.3	1.3	1.3	1.3
166.00	1.3	1.3	1.3	1.3	1.3	1.3
167.00	1.3	1.3	1.3	1.3	1.3	1.3
168.00	1.3	1.3	1.3	1.3	1.3	1.3
169.00	1.3	1.3	1.3	1.3	1.3	1.3
170.00	1.3	1.3	1.3	1.3	1.3	1.3
171.00	1.3	1.3	1.3	1.3	1.3	1.3
172.00	1.3	1.3	1.3	1.3	1.3	1.3
173.00	1.3	1.3	1.3	1.3	1.3	1.3
174.00	1.3	1.3	1.3	1.3	1.3	1.3
175.00	1.3	1.3	1.3	1.3	1.3	1.3
176.00	1.3	1.3	1.3	1.3	1.3	1.3
177.00	1.3	1.3	1.3	1.3	1.3	1.3
178.00	1.3	1.3	1.3	1.3	1.3	1.3
179.00	1.3	1.3	1.3	1.3	1.3	1.3
180.00	1.3	1.3	1.3	1.3	1.3	1.3

LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	Decostar C15 G1 180		
Name:	17862-RB7 PAR16 100 36D 9.6W/840 M2 EMEA-1#(Wang yuxi)		
Meas.-no.:	1		
Flux:	1038.13 lm		Operator: Thomas.liu
Comment:	UI=230.00V II=0.054A WI=9.43W PF=0.7649		
Maximum intensity:	1421.228 cd		

Zonal flux 17862-RB7 PAR16 100 36D 9.6W/840 M2 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	1349.5	1364.9	1355.6	0.00	0.00	0.00	0.00
1.0	1335.0	1369.0	1351.0	1.34	1.34	0.13	0.13
2.0	1315.8	1361.7	1338.5	4.01	5.35	0.39	0.52
3.0	1286.3	1344.4	1317.2	6.59	11.95	0.64	1.15
4.0	1245.2	1322.9	1286.2	9.05	20.99	0.87	2.02
5.0	1201.1	1290.2	1248.5	11.32	32.31	1.09	3.11
6.0	1149.3	1242.0	1202.7	13.37	45.68	1.29	4.40
7.0	1100.4	1193.3	1152.5	15.18	60.86	1.46	5.86
8.0	1050.0	1156.3	1102.2	16.75	77.61	1.61	7.48
9.0	1000.9	1122.5	1053.9	18.14	95.75	1.75	9.22
10.0	956.3	1087.6	1005.8	19.35	115.10	1.86	11.09
11.0	913.4	1051.7	960.4	20.40	135.50	1.96	13.05
12.0	863.0	1008.6	917.0	21.30	156.80	2.05	15.10
13.0	819.9	962.8	879.1	22.13	178.93	2.13	17.24
14.0	780.3	918.2	843.2	22.89	201.81	2.20	19.44
15.0	743.5	877.3	810.8	23.57	225.39	2.27	21.71
16.0	713.4	842.6	780.0	24.20	249.58	2.33	24.04
17.0	686.8	806.3	750.6	24.75	274.33	2.38	26.43
18.0	657.6	771.9	720.0	25.17	299.50	2.42	28.85
19.0	629.6	741.1	690.3	25.47	324.97	2.45	31.30
20.0	604.3	714.9	661.4	25.68	350.66	2.47	33.78
21.0	577.9	687.2	633.2	25.81	376.46	2.49	36.26
22.0	550.9	659.9	604.9	25.83	402.29	2.49	38.75
23.0	524.0	633.3	576.1	25.72	428.01	2.48	41.23
24.0	497.0	609.7	547.6	25.50	453.52	2.46	43.69
25.0	471.6	582.7	519.9	25.20	478.71	2.43	46.11
26.0	446.3	556.3	492.8	24.82	503.53	2.39	48.50
27.0	420.8	531.4	465.5	24.34	527.87	2.34	50.85
28.0	394.8	503.7	438.9	23.77	551.64	2.29	53.14
29.0	371.4	475.8	413.3	23.15	574.79	2.23	55.37

LEDVANCE Lighting Co.Ltd.

17862-RB7 PAR16 100 36D 9.6W/840 M2 EMEA-1#(Wang yuxi)

Zonal flux 17862-RB7 PAR16 100 36D 9.6W/840 M2 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	349.1	447.4	388.3	22.47	597.25	2.16	57.53
31.0	328.1	420.6	364.7	21.75	619.01	2.10	59.63
32.0	305.8	394.2	342.1	21.02	640.03	2.02	61.65
33.0	285.7	370.8	321.5	20.30	660.32	1.95	63.61
34.0	267.7	347.8	302.2	19.60	679.92	1.89	65.49
35.0	250.9	326.6	283.7	18.89	698.81	1.82	67.31
36.0	235.9	307.4	266.5	18.18	716.99	1.75	69.07
37.0	222.1	289.8	250.9	17.52	734.51	1.69	70.75
38.0	210.2	273.4	236.4	16.89	751.40	1.63	72.38
39.0	198.7	258.7	222.8	16.27	767.67	1.57	73.95
40.0	187.4	245.0	210.1	15.68	783.34	1.51	75.46
41.0	176.4	232.5	198.4	15.10	798.44	1.45	76.91
42.0	165.8	220.8	187.3	14.55	812.99	1.40	78.31
43.0	155.8	210.2	176.8	14.00	826.99	1.35	79.66
44.0	147.0	200.0	166.8	13.46	840.45	1.30	80.96
45.0	138.7	190.5	157.3	12.93	853.38	1.25	82.20
46.0	130.5	180.5	147.9	12.39	865.78	1.19	83.40
47.0	122.1	170.1	138.6	11.83	877.60	1.14	84.54
48.0	113.2	160.2	129.5	11.25	888.86	1.08	85.62
49.0	104.8	150.0	120.7	10.67	899.53	1.03	86.65
50.0	96.5	140.5	112.5	10.09	909.62	0.97	87.62
51.0	88.7	130.5	104.4	9.53	919.15	0.92	88.54
52.0	82.0	120.6	96.6	8.95	928.10	0.86	89.40
53.0	75.3	112.1	89.2	8.39	936.49	0.81	90.21
54.0	69.3	103.7	82.7	7.87	944.36	0.76	90.97
55.0	63.9	95.5	76.7	7.39	951.75	0.71	91.68
56.0	59.1	88.3	71.4	6.95	958.69	0.67	92.35
57.0	55.0	81.8	66.8	6.56	965.25	0.63	92.98
58.0	51.7	76.2	62.7	6.22	971.47	0.60	93.58
59.0	49.1	71.2	58.9	5.90	977.37	0.57	94.15
60.0	47.4	66.9	55.2	5.60	982.97	0.54	94.69
61.0	45.7	62.6	51.3	5.28	988.25	0.51	95.20
62.0	42.0	57.6	47.1	4.92	993.17	0.47	95.67
63.0	37.7	52.4	42.6	4.53	997.69	0.44	96.11
64.0	33.8	47.0	38.0	4.11	1001.80	0.40	96.50
65.0	29.9	41.8	33.8	3.69	1005.49	0.36	96.86
66.0	26.6	37.2	30.1	3.31	1008.80	0.32	97.17
67.0	23.8	33.1	26.7	2.97	1011.77	0.29	97.46
68.0	21.0	29.4	23.7	2.65	1014.42	0.26	97.72

LEDVANCE Lighting Co.Ltd.

17862-RB7 PAR16 100 36D 9.6W/840 M2 EMEA-1#(Wang yuxi)

Zonal flux 17862-RB7 PAR16 100 36D 9.6W/840 M2 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	18.6	26.2	21.2	2.38	1016.80	0.23	97.95
70.0	16.7	23.4	18.8	2.13	1018.93	0.21	98.15
71.0	14.7	20.6	16.8	1.91	1020.84	0.18	98.33
72.0	13.2	18.2	14.9	1.71	1022.55	0.16	98.50
73.0	11.7	16.0	13.2	1.53	1024.08	0.15	98.65
74.0	10.2	14.3	11.7	1.36	1025.45	0.13	98.78
75.0	9.1	12.3	10.3	1.21	1026.65	0.12	98.89
76.0	7.8	10.8	9.0	1.06	1027.72	0.10	99.00
77.0	6.7	9.3	7.9	0.93	1028.65	0.09	99.09
78.0	5.8	8.2	6.9	0.82	1029.47	0.08	99.17
79.0	5.2	7.1	6.0	0.72	1030.19	0.07	99.24
80.0	4.5	6.3	5.2	0.63	1030.82	0.06	99.30
81.0	3.9	5.4	4.5	0.55	1031.36	0.05	99.35
82.0	3.2	4.5	3.9	0.47	1031.84	0.05	99.39
83.0	2.6	3.9	3.3	0.40	1032.24	0.04	99.43
84.0	2.2	3.2	2.7	0.34	1032.58	0.03	99.46
85.0	1.7	2.8	2.2	0.28	1032.86	0.03	99.49
86.0	1.3	2.2	1.8	0.23	1033.08	0.02	99.51
87.0	0.9	1.7	1.3	0.17	1033.26	0.02	99.53
88.0	0.6	1.3	1.0	0.13	1033.39	0.01	99.54
89.0	0.4	0.9	0.7	0.10	1033.48	0.01	99.55
90.0	0.4	0.6	0.5	0.07	1033.56	0.01	99.56
91.0	0.2	0.4	0.4	0.05	1033.61	0.01	99.56
92.0	0.2	0.4	0.4	0.05	1033.66	0.00	99.57
93.0	0.2	0.6	0.4	0.05	1033.70	0.00	99.57
94.0	0.2	0.6	0.4	0.05	1033.75	0.00	99.58
95.0	0.2	0.4	0.4	0.05	1033.80	0.00	99.58
96.0	0.2	0.4	0.4	0.05	1033.84	0.00	99.59
97.0	0.2	0.4	0.4	0.05	1033.89	0.00	99.59
98.0	0.2	0.4	0.4	0.05	1033.94	0.00	99.60
99.0	0.2	0.4	0.4	0.05	1033.98	0.00	99.60
100.0	0.4	0.4	0.4	0.05	1034.03	0.00	99.61
101.0	0.2	0.6	0.4	0.05	1034.08	0.00	99.61
102.0	0.2	0.9	0.5	0.05	1034.13	0.00	99.61
103.0	0.2	0.9	0.4	0.05	1034.18	0.00	99.62
104.0	0.2	0.6	0.4	0.05	1034.23	0.00	99.62
105.0	0.4	0.6	0.5	0.05	1034.28	0.00	99.63
106.0	0.4	0.6	0.5	0.05	1034.33	0.00	99.63
107.0	0.4	0.6	0.5	0.05	1034.38	0.00	99.64

LEDVANCE Lighting Co.Ltd.

17862-RB7 PAR16 100 36D 9.6W/840 M2 EMEA-1#(Wang yuxi)

Zonal flux 17862-RB7 PAR16 100 36D 9.6W/840 M2 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	0.4	0.6	0.4	0.05	1034.42	0.00	99.64
109.0	0.4	0.6	0.5	0.05	1034.47	0.00	99.65
110.0	0.4	0.6	0.5	0.05	1034.52	0.00	99.65
111.0	0.4	0.6	0.5	0.05	1034.57	0.00	99.66
112.0	0.4	0.6	0.5	0.05	1034.62	0.00	99.66
113.0	0.4	0.6	0.5	0.05	1034.67	0.00	99.67
114.0	0.4	0.6	0.5	0.05	1034.72	0.01	99.67
115.0	0.4	0.6	0.5	0.06	1034.78	0.01	99.68
116.0	0.4	0.6	0.6	0.06	1034.84	0.01	99.68
117.0	0.4	0.6	0.6	0.06	1034.89	0.01	99.69
118.0	0.4	0.6	0.6	0.06	1034.95	0.01	99.69
119.0	0.4	0.6	0.6	0.06	1035.01	0.01	99.70
120.0	0.4	0.6	0.6	0.06	1035.07	0.01	99.71
121.0	0.4	0.9	0.6	0.06	1035.13	0.01	99.71
122.0	0.4	0.6	0.6	0.06	1035.19	0.01	99.72
123.0	0.4	0.6	0.6	0.06	1035.25	0.01	99.72
124.0	0.4	0.6	0.6	0.06	1035.31	0.01	99.73
125.0	0.4	0.9	0.7	0.06	1035.37	0.01	99.73
126.0	0.4	0.9	0.7	0.06	1035.43	0.01	99.74
127.0	0.6	0.9	0.7	0.06	1035.50	0.01	99.75
128.0	0.6	0.9	0.7	0.06	1035.56	0.01	99.75
129.0	0.6	0.9	0.7	0.06	1035.62	0.01	99.76
130.0	0.6	0.9	0.7	0.06	1035.69	0.01	99.76
131.0	0.6	0.9	0.8	0.06	1035.75	0.01	99.77
132.0	0.6	0.9	0.8	0.07	1035.82	0.01	99.78
133.0	0.6	0.9	0.8	0.07	1035.89	0.01	99.78
134.0	0.6	0.9	0.8	0.07	1035.95	0.01	99.79
135.0	0.6	0.9	0.8	0.07	1036.02	0.01	99.80
136.0	0.6	1.1	0.9	0.07	1036.09	0.01	99.80
137.0	0.9	1.1	0.9	0.07	1036.16	0.01	99.81
138.0	0.9	1.1	0.9	0.07	1036.23	0.01	99.82
139.0	0.9	1.1	0.9	0.07	1036.30	0.01	99.82
140.0	0.9	1.1	1.0	0.07	1036.37	0.01	99.83
141.0	0.9	1.1	1.0	0.07	1036.44	0.01	99.84
142.0	0.9	1.1	1.0	0.07	1036.51	0.01	99.84
143.0	0.9	1.1	1.0	0.07	1036.58	0.01	99.85
144.0	0.9	1.1	1.0	0.07	1036.65	0.01	99.86
145.0	0.9	1.1	1.1	0.07	1036.72	0.01	99.86
146.0	0.9	1.1	1.1	0.07	1036.78	0.01	99.87

LEDVANCE Lighting Co.Ltd.

17862-RB7 PAR16 100 36D 9.6W/840 M2 EMEA-1#(Wang yuxi)

Zonal flux 17862-RB7 PAR16 100 36D 9.6W/840 M2 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	1.1	1.1	1.1	0.07	1036.85	0.01	99.88
148.0	1.1	1.3	1.1	0.07	1036.92	0.01	99.88
149.0	1.1	1.1	1.1	0.06	1036.98	0.01	99.89
150.0	1.1	1.3	1.1	0.06	1037.05	0.01	99.90
151.0	1.1	1.3	1.1	0.06	1037.11	0.01	99.90
152.0	1.1	1.3	1.2	0.06	1037.17	0.01	99.91
153.0	1.1	1.3	1.2	0.06	1037.23	0.01	99.91
154.0	1.1	1.3	1.2	0.06	1037.29	0.01	99.92
155.0	1.1	1.3	1.2	0.06	1037.35	0.01	99.93
156.0	1.1	1.3	1.2	0.06	1037.41	0.01	99.93
157.0	1.1	1.3	1.2	0.06	1037.47	0.01	99.94
158.0	1.1	1.3	1.2	0.05	1037.52	0.01	99.94
159.0	1.1	1.3	1.3	0.05	1037.57	0.01	99.95
160.0	1.1	1.3	1.3	0.05	1037.62	0.00	99.95
161.0	1.1	1.3	1.3	0.05	1037.67	0.00	99.96
162.0	1.1	1.3	1.3	0.05	1037.72	0.00	99.96
163.0	1.1	1.3	1.3	0.04	1037.76	0.00	99.96
164.0	1.1	1.3	1.3	0.04	1037.80	0.00	99.97
165.0	1.3	1.3	1.3	0.04	1037.84	0.00	99.97
166.0	1.3	1.3	1.3	0.04	1037.88	0.00	99.98
167.0	1.3	1.3	1.3	0.03	1037.91	0.00	99.98
168.0	1.3	1.3	1.3	0.03	1037.94	0.00	99.98
169.0	1.3	1.3	1.3	0.03	1037.97	0.00	99.98
170.0	1.3	1.3	1.3	0.03	1038.00	0.00	99.99
171.0	1.3	1.3	1.3	0.02	1038.03	0.00	99.99
172.0	1.3	1.3	1.3	0.02	1038.05	0.00	99.99
173.0	1.3	1.3	1.3	0.02	1038.07	0.00	99.99
174.0	1.3	1.3	1.3	0.02	1038.08	0.00	100.00
175.0	1.3	1.3	1.3	0.01	1038.10	0.00	100.00
176.0	1.3	1.3	1.3	0.01	1038.11	0.00	100.00
177.0	1.3	1.3	1.3	0.01	1038.12	0.00	100.00
178.0	1.3	1.3	1.3	0.01	1038.12	0.00	100.00
179.0	1.3	1.3	1.3	0.00	1038.13	0.00	100.00
180.0	1.3	1.3	1.3	0.00	1038.13	0.00	100.00

LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	Decostar C15 G1 180		
Name:	17862-RB7 PAR16 100 36D 9.6W/840 M2 EMEA-1#(Wang yuxi)		
Meas.-no.:	1		
Flux:	1038.13 lm		Operator: Thomas.liu
Comment:	UI=230.00V II=0.054A WI=9.43W PF=0.7649		
Maximum intensity:	1421.228 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:				38.9°			38.0°			
Half peak side angle (left):				-19.7°			-21.0°			
Half peak side angle (right):				19.2°			17.1°			
One tenth peak divergence:				92.9°			95.3°			
Tenth peak side angle (left):				-46.0°			-49.8°			
Tenth peak side angle (right):				46.9°			45.4°			
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°									