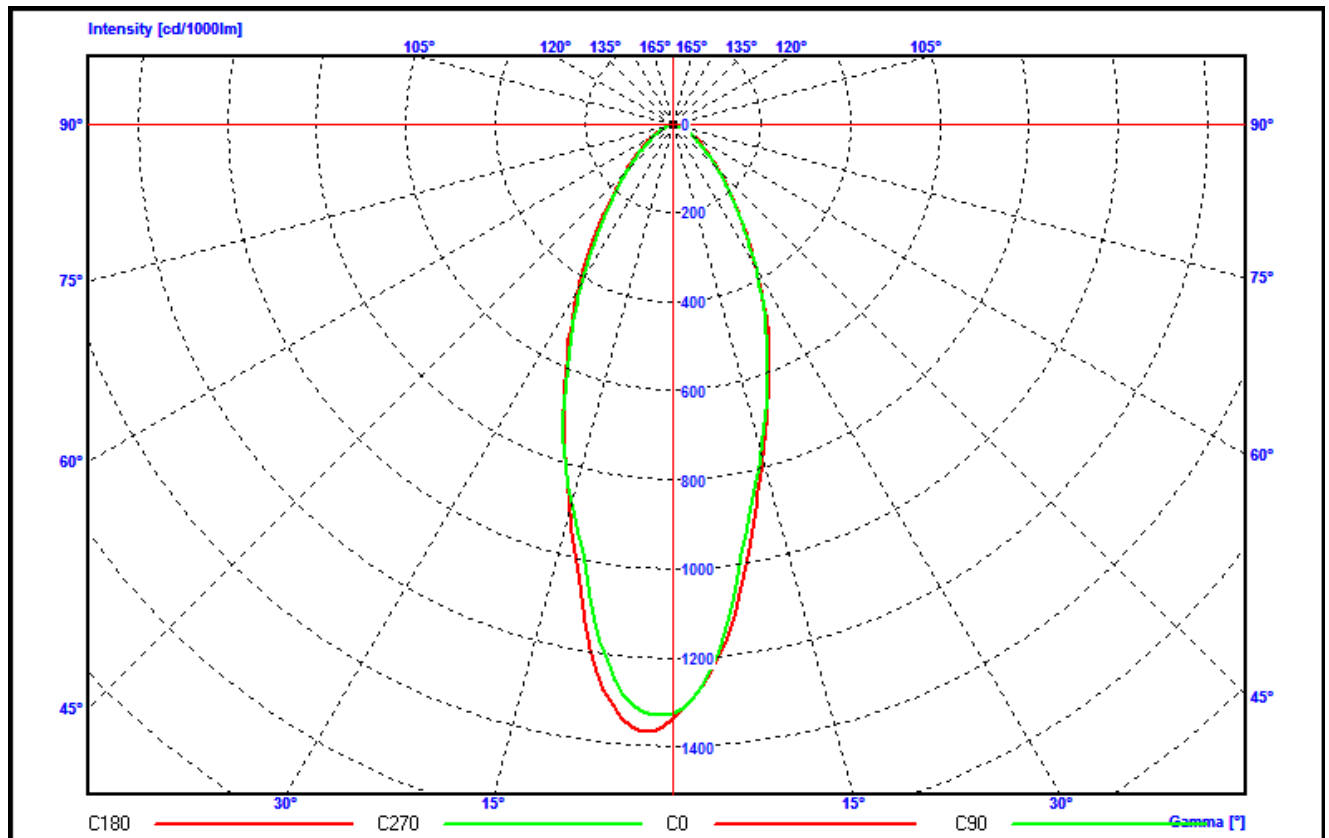


LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	Decostar C15 G1 180		
Name:	17860-RB7 PAR16 80 36D 9.5W/840 M1 EMEA-1#(Wang yuxi)		
Meas.-no.:	1		
Flux:	747.18 lm		Operator: Thomas.liu
Comment:	UI=230.00V II=0.052A WI=9.16W PF=0.7626		
Maximum intensity:	1039.687 cd		

Polar diagram 17860-RB7 PAR16 80 36D 9.5W/840 M1 EMEA-1#(Wang yuxi) / C-Plane measurement



Program:	Decostar C15 G1 180		
Name:	17860-RB7 PAR16 80 36D 9.5W/840 M1 EMEA-1#(Wang yuxi)		
Meas.-no.:	1		
Flux:	747.18 lm		Operator: Thomas.liu
Comment:	UI=230.00V II=0.052A		
Maximum intensity:	1039.687 cd		

LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	Decostar C15 G1 180		
Name:	17860-RB7 PAR16 80 36D 9.5W/840 M1 EMEA-1#(Wang yuxi)		
Meas.-no.:	1		
Flux:	747.18 lm		Operator: Thomas.liu
Comment:	UI=230.00V II=0.052A WI=9.16W PF=0.7626		
Maximum intensity:	1039.687 cd		

Intensity [cd] 17860-RB7 PAR16 80 36D 9.5W/840 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	995.4	992.1	1002.6	995.9	1005.5	1000.1	985.1	1007.6	1011.8
1.00	979.0	974.5	982.4	976.1	984.4	978.6	977.0	992.9	1004.2
2.00	961.3	955.2	964.4	957.2	961.5	954.1	962.4	973.0	988.5
3.00	940.6	934.1	941.9	934.3	934.5	927.8	941.0	947.1	964.9
4.00	917.9	913.0	921.0	908.2	906.0	894.8	914.5	912.1	936.1
5.00	893.6	886.7	897.9	878.6	876.1	858.4	883.1	871.6	898.8
6.00	864.2	858.4	866.4	846.2	841.7	819.7	846.4	832.1	857.7
7.00	832.1	823.8	833.2	809.8	800.8	777.9	805.3	791.2	816.1
8.00	794.3	784.7	796.1	768.5	761.5	741.7	764.0	753.6	776.8
9.00	758.1	748.9	757.7	730.9	727.4	705.8	729.4	719.3	743.8
10.00	723.5	711.4	721.7	697.9	695.0	675.2	695.4	688.7	713.0
11.00	689.8	677.2	685.3	666.2	662.4	647.4	665.6	662.2	686.0
12.00	658.1	645.8	654.1	636.8	632.8	618.6	637.9	635.9	660.2
13.00	628.9	615.2	625.3	609.2	606.9	591.2	614.3	612.5	637.0
14.00	599.9	590.3	599.1	586.0	582.6	566.9	589.4	591.2	614.6
15.00	575.0	566.7	575.2	562.0	560.0	544.0	565.8	569.8	592.5
16.00	550.7	545.8	552.8	538.4	538.4	523.1	544.0	547.6	569.6
17.00	529.4	525.6	533.0	517.5	519.1	504.2	521.8	524.7	547.4
18.00	508.5	506.5	512.1	497.5	498.2	484.5	500.9	504.2	523.1
19.00	487.8	486.7	492.5	477.7	478.4	465.8	480.4	482.7	500.0
20.00	468.5	466.3	473.4	458.4	458.4	445.6	460.2	462.0	477.5
21.00	450.3	445.8	454.6	439.3	437.0	426.7	440.2	440.6	456.8
22.00	430.5	424.7	434.1	421.3	415.7	406.7	421.3	420.0	434.1
23.00	410.5	403.3	412.3	401.5	394.3	386.0	402.0	397.9	409.0
24.00	391.0	381.8	391.4	381.8	371.7	364.9	382.4	375.2	384.9
25.00	371.4	360.2	370.3	362.0	351.7	344.5	363.3	353.9	361.8
26.00	350.5	340.9	349.6	343.1	331.9	325.6	345.1	333.5	339.7
27.00	331.0	321.1	328.3	323.3	312.1	306.5	326.5	312.6	317.3
28.00	311.0	300.4	308.3	303.6	293.9	289.6	308.1	292.1	297.5
29.00	293.0	282.2	290.5	285.4	277.3	271.9	290.3	272.8	279.8
30.00	275.0	265.1	272.1	268.3	260.0	256.2	273.7	255.5	262.2
31.00	258.6	249.2	254.8	251.7	244.7	241.6	256.8	238.4	245.4
32.00	243.6	234.6	239.3	235.7	230.5	228.1	241.1	222.7	230.8
33.00	229.0	221.3	226.0	220.9	218.0	215.5	226.3	208.3	216.8

LEDVANCE Lighting Co.Ltd.

17860-RB7 PAR16 80 36D 9.5W/840 M1 EMEA-1#(Wang yuxi)

Intensity [cd] 17860-RB7 PAR16 80 36D 9.5W/840 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	215.5	209.6	213.2	207.6	205.6	203.6	213.0	195.7	203.6
35.00	202.0	197.3	200.7	194.4	193.7	192.6	199.8	183.8	192.1
36.00	189.0	186.5	189.9	181.8	182.9	182.2	187.2	172.6	180.9
37.00	178.0	176.2	180.2	170.8	172.6	172.1	175.0	162.7	170.8
38.00	166.5	167.4	171.0	160.4	162.9	163.4	164.3	153.9	161.8
39.00	155.7	158.6	162.2	150.5	153.7	154.8	153.9	144.9	152.1
40.00	146.5	149.7	154.4	141.3	145.2	146.1	145.2	137.3	143.6
41.00	137.5	142.0	147.0	133.0	136.8	137.5	135.7	129.2	135.7
42.00	130.1	134.6	139.3	125.4	129.0	129.2	127.6	121.8	127.6
43.00	122.7	127.6	131.4	118.6	121.6	121.1	119.8	114.6	119.3
44.00	115.9	120.2	124.0	111.9	114.1	112.8	111.9	107.6	111.7
45.00	109.7	112.4	116.6	105.2	107.4	104.9	104.0	100.0	103.8
46.00	102.7	104.9	108.5	98.6	100.4	97.7	97.1	93.0	96.2
47.00	96.2	98.2	101.3	92.1	93.7	90.3	90.1	86.5	88.8
48.00	89.7	91.0	93.7	86.3	87.2	83.8	83.4	80.2	82.0
49.00	83.1	84.5	87.0	80.4	81.1	77.5	77.1	73.9	75.5
50.00	77.5	78.4	80.9	75.0	75.5	71.7	71.7	68.1	69.7
51.00	71.9	73.3	75.0	70.3	70.3	66.5	66.1	62.7	64.0
52.00	66.7	68.8	70.3	66.5	66.1	62.2	61.3	58.2	58.6
53.00	63.1	64.7	66.3	62.7	61.6	58.4	57.1	53.9	53.9
54.00	60.4	62.0	63.6	59.5	58.0	55.1	53.3	49.9	50.1
55.00	58.2	60.0	60.7	56.2	53.9	51.7	50.3	46.7	46.5
56.00	55.7	57.1	57.5	52.6	49.7	48.1	47.6	44.0	43.4
57.00	52.6	53.0	53.3	48.5	45.6	44.3	44.9	41.8	41.1
58.00	48.8	47.6	48.1	44.0	42.0	40.4	42.2	40.0	39.3
59.00	44.3	42.7	42.9	40.0	38.6	36.9	39.5	37.7	37.1
60.00	40.0	38.6	38.2	36.4	35.3	33.7	36.4	34.6	34.6
61.00	36.4	35.1	34.8	33.3	31.9	30.3	32.8	31.2	31.9
62.00	32.8	31.2	31.9	30.1	28.8	27.2	29.4	28.1	29.0
63.00	29.2	27.6	28.3	26.7	25.8	24.3	26.1	24.7	25.8
64.00	25.8	24.3	24.9	23.6	22.9	21.6	23.1	21.8	22.9
65.00	22.9	21.8	22.2	21.1	20.4	19.1	20.7	19.3	20.4
66.00	20.4	19.5	20.2	19.1	18.4	16.9	18.2	17.3	18.2
67.00	18.4	17.3	18.0	17.1	16.6	15.3	16.4	15.5	16.2
68.00	16.4	15.3	15.7	15.1	14.8	13.7	14.6	13.9	14.6
69.00	14.6	13.7	14.2	13.3	13.3	12.1	13.0	12.4	13.0
70.00	13.3	11.9	12.4	11.9	11.7	10.8	11.7	11.2	11.7
71.00	11.5	10.6	10.8	10.3	10.3	9.7	10.3	10.1	10.6
72.00	10.3	9.4	9.7	9.2	9.0	8.5	9.2	8.8	9.4
73.00	9.0	8.3	8.5	8.1	8.1	7.4	8.1	7.9	8.3
74.00	7.9	7.4	7.4	7.0	7.2	6.5	7.2	7.0	7.6
75.00	7.0	6.5	6.5	6.3	6.3	5.8	6.1	6.3	6.7
76.00	6.3	5.8	5.8	5.4	5.4	5.2	5.4	5.4	5.8

LEDVANCE Lighting Co.Ltd.

17860-RB7 PAR16 80 36D 9.5W/840 M1 EMEA-1#(Wang yuxi)

Intensity [cd] 17860-RB7 PAR16 80 36D 9.5W/840 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	5.4	4.9	5.2	4.7	4.9	4.5	4.7	4.7	5.2
78.00	4.9	4.5	4.5	4.3	4.3	4.0	4.3	4.3	4.5
79.00	4.3	4.0	4.0	3.8	3.8	3.6	3.6	3.8	4.0
80.00	3.8	3.6	3.6	3.1	3.4	3.1	3.1	3.4	3.6
81.00	3.4	2.9	3.1	2.7	2.9	2.7	2.7	2.9	3.1
82.00	2.9	2.5	2.7	2.2	2.5	2.2	2.2	2.5	2.7
83.00	2.2	2.2	2.2	2.0	2.0	1.8	2.0	2.0	2.2
84.00	2.0	1.8	1.8	1.6	1.6	1.6	1.6	1.6	1.8
85.00	1.6	1.3	1.3	1.3	1.3	1.3	1.1	1.3	1.3
86.00	1.3	1.3	1.3	1.1	1.3	1.1	1.1	1.1	1.1
87.00	1.1	1.1	1.1	1.1	1.1	0.9	0.9	0.9	0.9
88.00	1.1	1.1	1.1	1.1	1.1	0.9	0.7	0.9	0.7
89.00	1.1	1.1	1.1	1.1	1.1	0.9	0.7	0.7	0.7
90.00	1.1	1.1	1.1	1.1	1.1	0.9	0.7	0.7	0.7
91.00	0.9	0.9	0.9	0.9	1.1	0.9	0.7	0.7	0.4
92.00	0.9	0.9	0.9	0.9	0.9	0.7	0.4	0.4	0.7
93.00	0.9	0.9	0.9	0.9	0.7	0.7	0.4	0.4	0.4
94.00	0.7	0.7	0.9	0.7	0.7	0.7	0.4	0.4	0.4
95.00	0.7	0.7	0.7	0.7	0.7	0.4	0.4	0.4	0.4
96.00	0.7	0.7	0.7	0.7	0.7	0.4	0.4	0.4	0.4
97.00	0.7	0.7	0.7	0.7	0.7	0.4	0.2	0.4	0.4
98.00	0.4	0.4	0.7	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	0.2	0.4	0.4
100.00	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.4	0.4
101.00	0.4	0.4	0.4	0.4	0.7	0.4	0.2	0.2	0.4
102.00	0.4	0.4	0.4	0.4	0.7	0.4	0.2	0.4	0.2
103.00	0.4	0.4	0.4	0.7	0.7	0.4	0.2	0.4	0.4
104.00	0.4	0.4	0.4	0.7	0.7	0.4	0.2	0.4	0.4
105.00	0.4	0.4	0.4	0.7	0.7	0.4	0.2	0.4	0.4
106.00	0.4	0.4	0.4	0.7	0.7	0.4	0.2	0.4	0.4
107.00	0.4	0.4	0.4	0.7	0.7	0.4	0.4	0.4	0.4
108.00	0.4	0.4	0.4	0.7	0.7	0.4	0.2	0.4	0.4
109.00	0.4	0.4	0.4	0.7	0.7	0.4	0.2	0.4	0.4
110.00	0.4	0.4	0.4	0.4	0.7	0.4	0.2	0.4	0.4
111.00	0.4	0.4	0.4	0.4	0.7	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	0.4	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.

17860-RB7 PAR16 80 36D 9.5W/840 M1 EMEA-1#(Wang yuxi)

Intensity [cd] 17860-RB7 PAR16 80 36D 9.5W/840 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	0.7	0.4	0.4	0.4
123.00	0.4	0.4	0.7	0.7	0.7	0.4	0.4	0.4	0.4
124.00	0.4	0.7	0.7	0.7	0.7	0.4	0.4	0.4	0.7
125.00	0.7	0.4	0.4	0.7	0.4	0.7	0.4	0.4	0.7
126.00	0.7	0.7	0.7	0.7	0.7	0.7	0.4	0.7	0.7
127.00	0.7	0.7	0.7	0.7	0.7	0.7	0.4	0.7	0.7
128.00	0.7	0.7	0.7	0.7	0.7	0.7	0.4	0.7	0.7
129.00	0.7	0.7	0.7	0.7	0.7	0.7	0.4	0.7	0.7
130.00	0.7	0.7	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	0.7	0.7	0.7
132.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	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	0.7	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	0.9	0.9	0.7	0.7	0.7
140.00	0.7	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7
141.00	0.7	0.7	0.7	0.9	0.9	0.9	0.7	0.7	0.7
142.00	0.9	0.7	0.9	0.7	0.9	0.9	0.7	0.9	0.9
143.00	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.7	0.9
144.00	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.7	0.9
145.00	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.9	0.9
146.00	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.9	0.9
147.00	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.9	0.9
148.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
149.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
150.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
151.00	0.9	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	1.1	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.

17860-RB7 PAR16 80 36D 9.5W/840 M1 EMEA-1#(Wang yuxi)

Intensity [cd] 17860-RB7 PAR16 80 36D 9.5W/840 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	1.1	0.9	0.9	0.9
164.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.1
165.00	0.9	0.9	1.1	1.1	0.9	1.1	0.9	0.9	0.9
166.00	0.9	1.1	0.9	0.9	1.1	0.9	0.9	0.9	1.1
167.00	0.9	1.1	0.9	0.9	0.9	1.1	0.9	1.1	1.1
168.00	0.9	0.9	1.1	0.9	0.9	0.9	0.9	0.9	0.9
169.00	0.9	0.9	0.9	1.1	0.9	0.9	0.9	0.9	1.1
170.00	1.1	0.9	1.1	1.1	1.1	0.9	0.9	1.1	0.9
171.00	1.1	0.9	1.1	1.1	0.9	0.9	0.9	0.9	1.1
172.00	0.9	1.1	0.9	0.9	1.1	0.9	0.9	0.9	1.1
173.00	1.1	0.9	1.1	1.1	0.9	1.1	0.9	0.9	1.1
174.00	0.9	0.9	1.1	1.1	0.9	0.9	0.9	0.9	1.1
175.00	0.9	0.9	0.9	0.9	0.9	1.1	0.9	0.9	0.9
176.00	0.9	0.9	1.1	1.1	0.9	1.1	0.9	1.1	1.1
177.00	1.1	0.9	0.9	0.9	1.1	1.1	0.9	0.9	1.1
178.00	0.9	0.9	0.9	1.1	1.1	1.1	0.9	0.9	1.1
179.00	0.9	0.9	0.9	0.9	0.9	1.1	0.9	0.9	1.1
180.00	0.9	0.9	0.9	0.9	1.1	0.9	0.9	0.9	1.1

G/C [cd]	135.00	150.00	165.00	180.00	195.00	210.00	225.00	240.00	255.00
0.00	1011.8	1011.8	1013.8	995.4	992.1	1002.6	995.9	1005.5	1000.1
1.00	1007.3	1017.7	1022.6	1009.6	1011.4	1019.5	1017.2	1022.4	1017.9
2.00	995.6	1015.0	1023.5	1016.8	1022.8	1031.1	1031.1	1032.7	1027.8
3.00	976.8	1004.4	1017.9	1018.1	1028.0	1036.1	1038.8	1037.7	1032.0
4.00	951.2	986.7	1004.2	1010.9	1027.6	1034.1	1039.7	1035.4	1028.0
5.00	918.3	965.8	984.6	997.9	1019.9	1026.0	1030.9	1024.4	1016.8
6.00	879.9	933.0	959.7	978.6	1005.3	1009.4	1017.2	1004.9	997.7
7.00	837.5	894.1	927.8	954.3	983.7	986.4	995.4	979.9	970.3
8.00	797.9	853.0	889.1	925.3	960.4	961.7	968.7	949.8	941.5
9.00	763.3	812.3	847.6	889.4	927.3	930.9	937.2	918.6	909.1
10.00	734.3	777.0	809.4	847.1	890.7	893.6	899.7	880.8	871.4
11.00	706.7	745.8	773.0	806.4	850.3	850.9	859.3	838.8	830.7
12.00	681.3	716.8	738.1	768.2	808.7	806.4	819.7	797.2	788.7
13.00	657.5	691.0	707.6	736.1	769.1	766.9	779.0	759.5	752.5
14.00	635.9	664.4	678.8	704.2	731.2	727.4	741.1	724.9	718.1
15.00	613.2	638.8	652.1	672.5	694.1	687.4	706.7	692.3	689.2
16.00	589.2	613.9	624.2	642.4	659.9	651.6	674.3	661.3	664.2
17.00	563.3	590.3	598.2	613.7	626.2	620.4	639.9	631.4	638.6
18.00	535.2	564.9	574.6	585.1	594.3	588.9	608.0	602.2	613.9
19.00	508.0	539.3	551.0	559.3	567.6	562.4	577.3	574.6	586.7
20.00	482.7	514.8	526.9	533.9	542.2	538.4	549.6	548.0	560.4
21.00	458.6	488.5	502.9	511.0	516.6	514.8	523.3	520.2	533.9
22.00	435.5	462.7	477.3	488.3	493.4	494.3	500.0	495.7	506.2

LEDVANCE Lighting Co.Ltd.

17860-RB7 PAR16 80 36D 9.5W/840 M1 EMEA-1#(Wang yuxi)

Intensity [cd] 17860-RB7 PAR16 80 36D 9.5W/840 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	413.7	438.8	452.5	464.9	471.2	472.8	477.9	472.3	479.7
24.00	390.8	415.2	426.5	442.2	450.7	451.6	458.6	447.8	454.6
25.00	369.9	394.3	402.9	419.3	430.1	431.0	437.9	426.0	431.9
26.00	349.6	372.1	380.9	399.7	407.6	409.4	417.7	406.0	409.4
27.00	330.3	349.6	360.2	378.6	388.1	387.8	398.6	384.5	386.9
28.00	310.8	329.6	340.2	359.7	367.4	366.5	377.5	363.1	366.5
29.00	293.0	309.2	320.4	340.2	347.8	346.5	356.8	342.4	345.6
30.00	275.9	289.9	302.0	321.5	328.5	327.6	338.2	322.2	325.6
31.00	260.4	272.1	284.2	302.9	309.0	308.7	317.7	304.0	305.8
32.00	245.4	255.7	266.5	285.6	292.1	289.9	300.0	285.1	287.6
33.00	230.5	241.3	250.1	267.6	275.0	272.3	282.0	267.4	270.1
34.00	217.1	226.7	235.0	251.4	258.4	256.4	263.6	250.8	252.8
35.00	203.1	213.7	219.8	234.8	242.5	240.2	245.4	233.7	237.1
36.00	190.1	201.1	205.6	219.5	226.7	224.3	228.1	218.4	222.2
37.00	178.2	190.1	193.0	203.4	213.7	210.8	211.7	203.6	209.2
38.00	167.4	179.5	181.3	189.6	200.2	197.7	196.2	190.5	196.8
39.00	156.8	169.4	169.6	175.7	188.1	185.6	181.8	178.2	185.2
40.00	147.0	160.0	158.9	162.7	176.6	173.9	168.5	165.8	173.9
41.00	138.2	151.4	148.5	151.2	166.3	163.8	156.8	154.4	163.1
42.00	129.4	142.2	138.9	141.3	155.5	153.9	146.1	145.2	152.8
43.00	121.6	133.5	130.3	132.3	145.8	144.5	136.4	135.7	142.9
44.00	113.7	125.2	122.2	124.3	136.6	134.6	127.6	127.0	133.2
45.00	106.1	117.3	113.9	117.1	127.9	125.4	119.8	118.6	124.5
46.00	98.6	109.4	106.1	109.9	119.8	117.1	112.1	111.0	115.9
47.00	92.1	101.3	98.9	102.9	111.2	108.3	104.5	103.4	107.4
48.00	85.4	93.5	91.9	96.2	103.6	100.4	97.3	96.2	99.5
49.00	78.9	86.5	84.9	90.1	96.8	92.6	90.8	89.2	92.4
50.00	73.0	80.0	78.6	84.0	89.7	86.3	84.5	82.9	85.4
51.00	67.4	73.7	73.0	78.2	83.1	79.8	78.2	76.8	78.4
52.00	62.5	67.9	67.4	72.8	77.3	74.2	72.6	71.2	72.4
53.00	57.5	62.5	62.2	67.6	72.1	68.8	67.6	65.6	66.7
54.00	53.0	57.7	57.5	62.9	66.7	63.8	62.9	60.9	61.3
55.00	49.2	53.3	53.7	58.6	61.8	59.3	58.2	56.6	56.6
56.00	45.8	49.4	50.1	54.6	57.3	55.3	54.4	52.6	52.4
57.00	42.9	46.3	47.2	51.2	53.9	51.5	50.8	49.0	48.5
58.00	40.9	44.3	44.9	48.8	51.0	48.8	48.1	45.8	45.2
59.00	39.1	42.2	42.7	46.3	48.8	46.7	45.6	43.1	42.5
60.00	37.1	40.4	40.7	43.8	46.7	44.7	43.6	40.7	40.2
61.00	34.4	37.7	38.4	41.3	44.5	42.5	41.6	38.4	38.4
62.00	31.0	34.4	35.7	38.6	41.1	39.5	39.3	36.4	36.6
63.00	27.4	30.8	32.8	35.5	37.1	35.7	36.6	34.4	34.4
64.00	24.0	27.2	29.7	31.9	33.0	31.9	33.5	32.1	32.1
65.00	21.6	24.3	26.5	28.3	29.4	28.8	30.1	29.7	29.4

LEDVANCE Lighting Co.Ltd.

17860-RB7 PAR16 80 36D 9.5W/840 M1 EMEA-1#(Wang yuxi)

Intensity [cd] 17860-RB7 PAR16 80 36D 9.5W/840 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	19.1	21.6	23.4	24.9	26.3	25.6	27.0	26.7	26.5
67.00	17.1	19.3	20.9	22.5	23.4	23.1	24.0	24.0	23.6
68.00	15.3	17.1	18.4	20.0	20.9	20.9	21.6	21.3	20.9
69.00	13.7	15.3	16.4	17.8	18.9	18.4	19.3	18.9	18.7
70.00	12.4	13.7	14.6	16.0	16.6	16.4	17.3	16.6	16.6
71.00	11.0	12.4	13.3	14.4	15.1	14.8	15.3	14.8	14.8
72.00	9.9	11.0	12.1	12.8	13.5	13.3	13.7	13.3	13.3
73.00	8.8	9.9	10.8	11.7	12.1	11.9	12.4	11.9	11.9
74.00	7.9	9.0	9.7	10.3	11.0	10.8	11.0	10.6	10.6
75.00	7.0	7.9	8.8	9.4	9.9	9.7	9.9	9.4	9.4
76.00	6.1	7.0	7.6	8.3	8.8	8.5	8.8	8.3	8.5
77.00	5.4	6.3	6.7	7.4	7.9	7.4	7.9	7.4	7.6
78.00	4.7	5.6	6.1	6.5	7.0	6.7	7.0	6.5	6.7
79.00	4.3	4.9	5.4	5.6	6.1	5.8	6.1	5.8	6.1
80.00	3.8	4.3	4.7	4.9	5.2	5.2	5.4	5.2	5.4
81.00	3.1	3.8	4.0	4.3	4.5	4.5	4.7	4.5	4.7
82.00	2.7	3.1	3.6	3.6	4.0	3.8	4.3	4.0	4.3
83.00	2.2	2.7	2.9	3.1	3.4	3.4	3.6	3.4	3.6
84.00	2.0	2.2	2.7	2.7	2.9	2.9	3.1	2.9	3.1
85.00	1.6	2.0	2.2	2.2	2.5	2.5	2.5	2.5	2.7
86.00	1.3	1.6	1.8	1.8	2.0	2.0	2.2	2.0	2.2
87.00	0.9	1.3	1.3	1.3	1.6	1.6	1.8	1.8	1.8
88.00	0.7	0.9	0.9	1.1	1.3	1.3	1.3	1.3	1.6
89.00	0.7	0.7	0.7	0.9	0.9	0.9	1.1	1.1	1.1
90.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9
91.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.7
92.00	0.4	0.4	0.4	0.2	0.4	0.2	0.4	0.4	0.4
93.00	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2
94.00	0.4	0.4	0.4	0.2	0.2	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	0.4	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	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2
100.00	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2
101.00	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2
102.00	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2
103.00	0.4	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2
104.00	0.4	0.4	0.4	0.2	0.4	0.2	0.2	0.2	0.2
105.00	0.4	0.4	0.4	0.2	0.2	0.4	0.2	0.2	0.4
106.00	0.4	0.4	0.4	0.4	0.2	0.4	0.2	0.2	0.2
107.00	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.4
108.00	0.4	0.4	0.4	0.4	0.2	0.4	0.4	0.2	0.2

LEDVANCE Lighting Co.Ltd.

17860-RB7 PAR16 80 36D 9.5W/840 M1 EMEA-1#(Wang yuxi)

Intensity [cd] 17860-RB7 PAR16 80 36D 9.5W/840 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	0.4	0.4	0.4	0.2	0.2	0.4
110.00	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.2	0.2
111.00	0.4	0.4	0.4	0.4	0.2	0.4	0.4	0.2	0.4
112.00	0.4	0.4	0.4	0.4	0.2	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	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.4
115.00	0.4	0.4	0.4	0.4	0.4	0.4	0.4	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
120.00	0.4	0.4	0.7	0.4	0.4	0.4	0.4	0.4	0.4
121.00	0.4	0.4	0.7	0.4	0.4	0.4	0.4	0.4	0.4
122.00	0.4	0.4	0.7	0.4	0.4	0.4	0.4	0.4	0.4
123.00	0.4	0.4	0.7	0.4	0.4	0.4	0.4	0.4	0.4
124.00	0.4	0.4	0.7	0.4	0.4	0.4	0.4	0.4	0.4
125.00	0.4	0.7	0.7	0.4	0.4	0.4	0.4	0.4	0.4
126.00	0.7	0.7	0.7	0.4	0.4	0.4	0.4	0.4	0.4
127.00	0.7	0.7	0.7	0.4	0.4	0.4	0.4	0.4	0.4
128.00	0.7	0.7	0.7	0.4	0.4	0.4	0.4	0.4	0.4
129.00	0.7	0.7	0.7	0.4	0.4	0.4	0.4	0.4	0.4
130.00	0.7	0.7	0.7	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	0.7	0.4	0.7	0.7	0.7	0.7	0.4
133.00	0.7	0.7	0.7	0.7	0.4	0.7	0.7	0.7	0.7
134.00	0.7	0.7	0.7	0.7	0.4	0.7	0.7	0.7	0.7
135.00	0.7	0.7	0.7	0.7	0.7	0.7	0.7	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	0.9	0.7	0.7	0.7	0.7	0.7	0.7
141.00	0.9	0.7	0.9	0.7	0.7	0.7	0.7	0.7	0.7
142.00	0.9	0.7	0.9	0.7	0.7	0.7	0.7	0.7	0.7
143.00	0.9	0.7	0.9	0.7	0.7	0.7	0.7	0.7	0.7
144.00	0.9	0.9	0.9	0.7	0.7	0.7	0.7	0.7	0.7
145.00	0.9	0.9	0.9	0.7	0.7	0.7	0.7	0.7	0.7
146.00	0.9	0.9	0.9	0.7	0.7	0.7	0.7	0.7	0.7
147.00	0.9	0.9	0.9	0.7	0.7	0.9	0.7	0.7	0.7
148.00	0.9	0.9	0.9	0.9	0.7	0.7	0.9	0.7	0.7
149.00	0.9	0.9	0.9	0.7	0.9	0.7	0.7	0.7	0.7
150.00	0.9	0.9	0.9	0.7	0.9	0.9	0.9	0.9	0.9
151.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9

LEDVANCE Lighting Co.Ltd.

17860-RB7 PAR16 80 36D 9.5W/840 M1 EMEA-1#(Wang yuxi)

Intensity [cd] 17860-RB7 PAR16 80 36D 9.5W/840 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	0.9	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
163.00	0.9	1.1	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	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
166.00	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
167.00	1.1	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9
168.00	1.1	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9
169.00	0.9	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9
170.00	1.1	1.1	1.1	0.9	0.9	0.9	0.9	0.9	0.9
171.00	1.1	1.1	0.9	0.9	0.9	0.9	0.9	0.9	1.1
172.00	0.9	1.1	1.1	0.9	0.9	0.9	0.9	0.9	1.1
173.00	0.9	1.1	1.1	0.9	1.1	0.9	0.9	0.9	1.1
174.00	0.9	0.9	1.1	0.9	0.9	1.1	0.9	0.9	0.9
175.00	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.1	0.9
176.00	1.1	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9
177.00	1.1	0.9	1.1	0.9	0.9	0.9	0.9	0.9	1.1
178.00	1.1	1.1	1.1	0.9	0.9	0.9	1.1	0.9	0.9
179.00	1.1	1.1	1.1	1.1	0.9	1.1	1.1	0.9	1.1
180.00	1.1	1.1	1.1	1.1	1.1	0.9	1.1	0.9	1.1

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
0.00	985.1	1007.6	1011.8	1011.8	1011.8	1013.8
1.00	990.5	1014.3	1011.8	1006.7	999.5	996.8
2.00	990.5	1014.3	1003.7	994.3	983.5	977.9
3.00	986.0	1006.4	990.9	980.1	964.6	957.7
4.00	974.1	993.2	973.6	960.4	939.5	933.9
5.00	958.3	974.5	951.8	935.7	911.6	907.6
6.00	934.5	949.4	922.6	904.6	877.9	875.7
7.00	907.3	920.4	889.8	872.3	841.7	840.2
8.00	876.3	888.0	853.0	837.7	804.0	806.2
9.00	842.9	852.5	814.5	798.4	766.2	768.0
10.00	804.4	814.3	774.8	759.0	731.2	732.5
11.00	766.9	773.4	738.6	722.0	695.4	699.3

LEDVANCE Lighting Co.Ltd.

17860-RB7 PAR16 80 36D 9.5W/840 M1 EMEA-1#(Wang yuxi)

Intensity [cd] 17860-RB7 PAR16 80 36D 9.5W/840 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	732.3	738.4	704.9	690.7	666.0	670.1
13.00	704.2	706.2	678.1	662.9	641.5	642.6
14.00	677.7	679.0	655.5	638.8	617.0	616.4
15.00	654.8	657.0	634.3	616.8	593.7	590.5
16.00	633.9	636.8	613.4	595.9	571.9	568.5
17.00	612.3	615.2	593.2	574.3	553.2	546.7
18.00	588.3	593.0	569.2	553.0	534.6	526.0
19.00	564.2	569.4	546.9	532.3	515.5	505.8
20.00	539.5	546.7	523.8	511.9	494.8	486.5
21.00	514.1	520.9	500.4	490.3	474.3	466.7
22.00	486.9	494.3	476.6	468.7	453.7	445.4
23.00	460.4	468.5	453.2	446.9	431.6	424.2
24.00	435.0	444.7	428.5	424.5	409.4	403.6
25.00	410.8	419.5	403.6	402.2	387.6	382.2
26.00	389.0	392.3	379.1	379.3	367.4	359.3
27.00	366.9	368.5	353.9	357.9	346.7	338.8
28.00	346.7	342.7	330.1	337.3	326.0	317.7
29.00	327.2	320.6	307.6	318.0	305.4	298.2
30.00	307.2	299.3	286.5	299.1	285.6	278.9
31.00	287.4	279.3	267.2	280.0	266.5	261.1
32.00	269.2	260.9	249.4	263.1	248.3	244.0
33.00	253.0	244.7	233.5	246.0	232.3	230.1
34.00	236.4	228.7	220.0	229.9	218.4	216.4
35.00	219.8	214.1	207.2	215.5	205.4	203.8
36.00	204.7	200.4	194.8	201.8	192.8	192.3
37.00	191.7	187.4	182.9	189.2	181.8	181.6
38.00	178.6	175.5	172.8	177.1	172.1	172.1
39.00	166.5	164.9	162.7	165.6	162.7	162.5
40.00	155.3	155.0	152.8	154.8	153.5	153.7
41.00	145.4	146.1	143.1	145.2	145.2	145.2
42.00	135.3	137.1	134.8	135.9	136.8	137.3
43.00	126.3	128.3	126.5	127.0	129.0	129.4
44.00	118.2	120.0	118.4	119.3	121.1	121.8
45.00	111.0	112.6	110.6	112.1	113.5	114.6
46.00	103.6	105.2	103.1	104.7	106.5	107.4
47.00	96.2	97.7	95.9	97.7	98.9	100.2
48.00	89.4	90.8	89.2	91.0	91.7	93.0
49.00	82.7	84.3	82.7	84.5	84.5	86.5
50.00	77.1	78.2	76.4	78.4	78.2	80.2
51.00	71.5	71.9	70.8	72.6	72.1	73.7
52.00	65.8	66.5	65.2	67.0	66.5	68.1
53.00	61.1	61.6	60.0	61.6	61.3	63.6
54.00	56.4	56.8	55.3	56.8	57.1	59.5

LEDVANCE Lighting Co.Ltd.

17860-RB7 PAR16 80 36D 9.5W/840 M1 EMEA-1#(Wang yuxi)

Intensity [cd] 17860-RB7 PAR16 80 36D 9.5W/840 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	52.1	52.4	51.2	52.8	53.3	56.6
56.00	48.5	48.5	47.6	49.4	50.6	54.2
57.00	45.2	45.4	44.9	47.0	48.3	51.5
58.00	42.5	42.9	42.9	45.2	46.1	48.3
59.00	40.4	41.1	41.6	43.6	43.1	44.5
60.00	39.1	39.5	39.8	41.3	39.5	40.7
61.00	37.7	38.0	37.5	38.4	36.4	36.9
62.00	36.0	36.0	34.8	35.3	33.0	33.3
63.00	33.3	33.3	31.9	31.2	29.7	29.7
64.00	30.1	30.1	28.3	27.6	26.3	26.3
65.00	26.7	26.5	24.7	24.5	23.1	23.1
66.00	23.6	23.1	21.6	21.6	20.2	20.4
67.00	20.7	20.2	19.1	18.9	18.0	18.2
68.00	18.4	17.8	16.9	16.6	16.0	16.4
69.00	16.4	16.0	15.1	14.8	14.4	14.8
70.00	14.6	14.2	13.5	13.5	12.8	13.3
71.00	13.0	12.6	12.1	12.1	11.5	11.9
72.00	11.7	11.2	10.8	10.8	10.1	10.6
73.00	10.6	10.1	9.7	9.7	9.2	9.2
74.00	9.4	9.2	8.8	8.8	8.1	8.3
75.00	8.5	8.3	7.9	7.6	7.2	7.2
76.00	7.6	7.4	7.0	6.7	6.3	6.5
77.00	6.7	6.5	6.3	6.1	5.6	5.6
78.00	6.1	5.8	5.6	5.4	4.9	4.9
79.00	5.4	5.4	4.9	4.7	4.5	4.5
80.00	4.7	4.7	4.5	4.3	3.8	4.0
81.00	4.3	4.0	3.8	3.8	3.4	3.4
82.00	3.8	3.6	3.4	3.4	2.9	2.9
83.00	3.1	3.1	2.9	2.9	2.7	2.5
84.00	2.9	2.7	2.5	2.5	2.2	2.0
85.00	2.5	2.2	2.2	2.0	1.8	1.8
86.00	2.0	2.0	1.8	1.8	1.6	1.3
87.00	1.8	1.6	1.6	1.3	1.3	1.1
88.00	1.3	1.3	1.3	1.1	1.1	1.1
89.00	1.1	1.1	0.9	0.9	0.9	0.9
90.00	0.9	0.9	0.7	0.9	0.9	0.9
91.00	0.7	0.7	0.7	0.7	0.9	0.9
92.00	0.4	0.4	0.7	0.7	0.7	0.9
93.00	0.4	0.4	0.4	0.7	0.7	0.9
94.00	0.4	0.4	0.4	0.7	0.7	0.7
95.00	0.2	0.4	0.4	0.7	0.7	0.7
96.00	0.2	0.2	0.4	0.4	0.4	0.7
97.00	0.2	0.2	0.4	0.4	0.4	0.4

LEDVANCE Lighting Co.Ltd.

17860-RB7 PAR16 80 36D 9.5W/840 M1 EMEA-1#(Wang yuxi)

Intensity [cd] 17860-RB7 PAR16 80 36D 9.5W/840 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	0.4	0.4	0.4
99.00	0.4	0.2	0.2	0.2	0.4	0.4
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	0.4
102.00	0.4	0.2	0.4	0.2	0.2	0.2
103.00	0.4	0.2	0.4	0.2	0.2	0.2
104.00	0.4	0.2	0.4	0.4	0.2	0.4
105.00	0.4	0.2	0.4	0.2	0.2	0.2
106.00	0.4	0.2	0.4	0.4	0.2	0.2
107.00	0.4	0.4	0.4	0.2	0.2	0.4
108.00	0.4	0.2	0.4	0.2	0.2	0.4
109.00	0.4	0.2	0.4	0.2	0.4	0.4
110.00	0.4	0.4	0.4	0.2	0.4	0.4
111.00	0.4	0.2	0.4	0.4	0.4	0.4
112.00	0.4	0.2	0.4	0.4	0.4	0.4
113.00	0.4	0.4	0.4	0.4	0.4	0.4
114.00	0.4	0.4	0.4	0.4	0.4	0.4
115.00	0.4	0.4	0.4	0.4	0.4	0.4
116.00	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
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	0.7	0.4	0.4	0.4	0.4	0.4
129.00	0.4	0.4	0.4	0.4	0.4	0.4
130.00	0.7	0.4	0.4	0.7	0.4	0.7
131.00	0.7	0.4	0.4	0.4	0.7	0.7
132.00	0.7	0.4	0.4	0.7	0.7	0.7
133.00	0.7	0.4	0.4	0.4	0.7	0.7
134.00	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
136.00	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
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.

17860-RB7 PAR16 80 36D 9.5W/840 M1 EMEA-1#(Wang yuxi)

Intensity [cd] 17860-RB7 PAR16 80 36D 9.5W/840 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	0.9	0.7	0.7	0.7	0.7	0.9
145.00	0.9	0.7	0.7	0.7	0.9	0.9
146.00	0.7	0.7	0.7	0.9	0.7	0.9
147.00	0.9	0.7	0.7	0.9	0.7	0.9
148.00	0.9	0.9	0.7	0.9	0.9	0.9
149.00	0.9	0.9	0.9	0.9	0.9	0.9
150.00	0.9	0.9	0.9	0.9	0.9	0.9
151.00	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
153.00	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
155.00	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
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	1.1
167.00	0.9	0.9	0.9	1.1	1.1	0.9
168.00	0.9	0.9	0.9	1.1	1.1	0.9
169.00	0.9	0.9	0.9	1.1	0.9	1.1
170.00	0.9	0.9	0.9	1.1	1.1	1.1
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	1.1
173.00	0.9	0.9	1.1	1.1	1.1	1.1
174.00	0.9	0.9	0.9	1.1	1.1	1.1
175.00	0.9	0.9	0.9	1.1	1.1	1.1
176.00	0.9	0.9	0.9	1.1	1.1	1.1
177.00	0.9	0.9	0.9	0.9	0.9	1.1
178.00	0.9	0.9	1.1	0.9	1.1	1.1
179.00	0.9	0.9	1.1	1.1	0.9	1.1
180.00	0.9	0.9	0.9	1.1	1.1	1.1

LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	Decostar C15 G1 180		
Name:	17860-RB7 PAR16 80 36D 9.5W/840 M1 EMEA-1#(Wang yuxi)		
Meas.-no.:	1		
Flux:	747.18 lm		Operator: Thomas.liu
Comment:	UI=230.00V II=0.052A WI=9.16W PF=0.7626		
Maximum intensity:	1039.687 cd		

Zonal flux 17860-RB7 PAR16 80 36D 9.5W/840 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	1318.4	1356.9	1342.1	0.00	0.00	0.00	0.00
1.0	1304.3	1368.6	1339.2	0.96	0.96	0.13	0.13
2.0	1276.9	1382.2	1329.4	2.86	3.82	0.38	0.51
3.0	1241.7	1390.3	1312.8	4.72	8.54	0.63	1.14
4.0	1197.5	1391.5	1289.1	6.51	15.05	0.87	2.01
5.0	1148.8	1379.8	1258.6	8.19	23.24	1.10	3.11
6.0	1097.1	1361.4	1220.3	9.73	32.97	1.30	4.41
7.0	1041.1	1332.2	1176.2	11.11	44.09	1.49	5.90
8.0	992.7	1296.5	1129.5	12.33	56.42	1.65	7.55
9.0	944.6	1254.4	1081.8	13.39	69.81	1.79	9.34
10.0	903.7	1204.1	1034.0	14.31	84.11	1.91	11.26
11.0	866.4	1150.0	987.0	15.09	99.20	2.02	13.28
12.0	827.9	1097.1	942.9	15.76	114.96	2.11	15.39
13.0	791.2	1042.6	903.2	16.37	131.33	2.19	17.58
14.0	758.7	991.8	866.1	16.92	148.25	2.26	19.84
15.0	728.1	945.8	831.1	17.41	165.66	2.33	22.17
16.0	700.1	902.5	798.1	17.84	183.50	2.39	24.56
17.0	674.8	856.5	766.2	18.20	201.70	2.44	27.00
18.0	648.4	821.6	734.2	18.48	220.19	2.47	29.47
19.0	623.4	785.2	703.3	18.69	238.87	2.50	31.97
20.0	596.4	750.0	673.1	18.82	257.70	2.52	34.49
21.0	571.1	714.5	642.9	18.88	276.58	2.53	37.02
22.0	544.3	677.6	612.7	18.85	295.43	2.52	39.54
23.0	516.7	642.1	582.5	18.74	314.17	2.51	42.05
24.0	488.4	613.8	552.6	18.54	332.71	2.48	44.53
25.0	461.0	586.1	523.5	18.28	350.99	2.45	46.98
26.0	435.8	559.1	495.1	17.97	368.96	2.40	49.38
27.0	410.2	533.5	467.1	17.59	386.55	2.35	51.73
28.0	387.6	505.2	439.8	17.16	403.70	2.30	54.03
29.0	363.9	477.6	413.9	16.69	420.39	2.23	56.26

LEDVANCE Lighting Co.Ltd.

17860-RB7 PAR16 80 36D 9.5W/840 M1 EMEA-1#(Wang yuxi)

Zonal flux 17860-RB7 PAR16 80 36D 9.5W/840 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	341.9	452.6	389.0	16.20	436.59	2.17	58.43
31.0	319.1	425.2	365.1	15.68	452.27	2.10	60.53
32.0	298.0	401.5	342.9	15.16	467.43	2.03	62.56
33.0	278.8	377.4	322.2	14.64	482.07	1.96	64.52
34.0	261.9	352.8	302.8	14.13	496.20	1.89	66.41
35.0	246.0	328.4	284.0	13.62	509.81	1.82	68.23
36.0	231.0	305.2	266.3	13.09	522.91	1.75	69.98
37.0	217.7	286.0	250.2	12.59	535.49	1.68	71.67
38.0	206.0	268.0	235.3	12.11	547.60	1.62	73.29
39.0	194.0	251.7	220.9	11.64	559.24	1.56	74.85
40.0	183.7	236.4	207.5	11.17	570.40	1.49	76.34
41.0	172.9	222.5	195.1	10.71	581.11	1.43	77.77
42.0	163.0	208.1	183.3	10.27	591.38	1.37	79.15
43.0	153.4	195.2	172.1	9.84	601.22	1.32	80.47
44.0	144.1	182.8	161.4	9.40	610.63	1.26	81.72
45.0	133.8	171.1	151.1	8.97	619.60	1.20	82.93
46.0	124.5	160.3	141.1	8.54	628.13	1.14	84.07
47.0	115.8	148.9	131.3	8.09	636.23	1.08	85.15
48.0	107.4	138.6	121.9	7.65	643.87	1.02	86.17
49.0	98.9	129.6	113.1	7.21	651.08	0.96	87.14
50.0	91.1	120.0	104.9	6.79	657.87	0.91	88.05
51.0	83.9	111.3	97.1	6.39	664.26	0.85	88.90
52.0	77.9	103.5	90.1	6.00	670.26	0.80	89.71
53.0	72.2	96.5	83.7	5.65	675.91	0.76	90.46
54.0	66.8	89.3	78.1	5.33	681.24	0.71	91.18
55.0	62.3	82.7	73.1	5.04	686.29	0.67	91.85
56.0	58.0	77.0	68.4	4.78	691.06	0.64	92.49
57.0	55.0	72.2	64.1	4.52	695.59	0.61	93.10
58.0	52.6	68.3	60.1	4.29	699.88	0.57	93.67
59.0	49.3	65.3	56.4	4.07	703.95	0.54	94.21
60.0	45.1	62.6	52.7	3.85	707.80	0.52	94.73
61.0	40.6	59.5	49.1	3.63	711.43	0.49	95.22
62.0	36.4	55.0	45.1	3.39	714.82	0.45	95.67
63.0	32.5	49.6	40.8	3.12	717.95	0.42	96.09
64.0	28.9	44.8	36.5	2.84	720.78	0.38	96.47
65.0	25.6	40.3	32.6	2.56	723.34	0.34	96.81
66.0	22.6	36.1	29.0	2.30	725.64	0.31	97.12
67.0	20.4	32.2	25.9	2.06	727.70	0.28	97.39
68.0	18.3	28.9	23.0	1.85	729.55	0.25	97.64

LEDVANCE Lighting Co.Ltd.

17860-RB7 PAR16 80 36D 9.5W/840 M1 EMEA-1#(Wang yuxi)

Zonal flux 17860-RB7 PAR16 80 36D 9.5W/840 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	16.2	25.9	20.5	1.66	731.21	0.22	97.86
70.0	14.4	23.2	18.3	1.49	732.70	0.20	98.06
71.0	12.9	20.4	16.4	1.34	734.04	0.18	98.24
72.0	11.4	18.3	14.6	1.20	735.24	0.16	98.40
73.0	9.9	16.5	13.0	1.08	736.32	0.14	98.55
74.0	8.7	14.7	11.6	0.97	737.29	0.13	98.68
75.0	7.8	13.2	10.4	0.87	738.15	0.12	98.79
76.0	6.9	11.7	9.1	0.77	738.93	0.10	98.90
77.0	6.0	10.5	8.1	0.69	739.61	0.09	98.99
78.0	5.4	9.3	7.2	0.61	740.23	0.08	99.07
79.0	4.8	8.1	6.4	0.55	740.77	0.07	99.14
80.0	4.2	7.2	5.6	0.48	741.26	0.06	99.21
81.0	3.6	6.3	4.9	0.42	741.68	0.06	99.26
82.0	3.0	5.7	4.2	0.37	742.05	0.05	99.31
83.0	2.4	4.8	3.6	0.32	742.37	0.04	99.36
84.0	2.1	4.2	3.1	0.27	742.64	0.04	99.39
85.0	1.5	3.6	2.5	0.23	742.87	0.03	99.42
86.0	1.5	3.0	2.2	0.19	743.06	0.03	99.45
87.0	1.2	2.4	1.8	0.16	743.22	0.02	99.47
88.0	0.9	2.1	1.5	0.13	743.35	0.02	99.49
89.0	0.9	1.5	1.3	0.11	743.46	0.02	99.50
90.0	0.9	1.5	1.1	0.10	743.56	0.01	99.52
91.0	0.6	1.5	0.9	0.08	743.64	0.01	99.53
92.0	0.3	1.2	0.8	0.07	743.71	0.01	99.54
93.0	0.3	1.2	0.7	0.06	743.77	0.01	99.54
94.0	0.3	1.2	0.7	0.06	743.83	0.01	99.55
95.0	0.3	0.9	0.6	0.05	743.88	0.01	99.56
96.0	0.3	0.9	0.6	0.05	743.93	0.01	99.57
97.0	0.3	0.9	0.6	0.05	743.97	0.01	99.57
98.0	0.3	0.9	0.5	0.04	744.02	0.01	99.58
99.0	0.3	0.6	0.5	0.04	744.06	0.01	99.58
100.0	0.3	0.6	0.5	0.04	744.10	0.01	99.59
101.0	0.3	0.9	0.5	0.04	744.13	0.00	99.59
102.0	0.3	0.9	0.5	0.04	744.17	0.00	99.60
103.0	0.3	0.9	0.5	0.04	744.21	0.01	99.60
104.0	0.3	0.9	0.5	0.04	744.25	0.01	99.61
105.0	0.3	0.9	0.5	0.04	744.29	0.01	99.61
106.0	0.3	0.9	0.5	0.04	744.33	0.01	99.62
107.0	0.3	0.9	0.5	0.04	744.37	0.01	99.62

LEDVANCE Lighting Co.Ltd.

17860-RB7 PAR16 80 36D 9.5W/840 M1 EMEA-1#(Wang yuxi)

Zonal flux 17860-RB7 PAR16 80 36D 9.5W/840 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	0.9	0.5	0.04	744.41	0.01	99.63
109.0	0.3	0.9	0.6	0.04	744.46	0.01	99.64
110.0	0.3	0.9	0.6	0.04	744.50	0.01	99.64
111.0	0.3	0.9	0.6	0.04	744.54	0.01	99.65
112.0	0.3	0.6	0.6	0.04	744.59	0.01	99.65
113.0	0.6	0.6	0.6	0.04	744.63	0.01	99.66
114.0	0.3	0.6	0.6	0.04	744.68	0.01	99.67
115.0	0.6	0.6	0.6	0.04	744.72	0.01	99.67
116.0	0.6	0.6	0.6	0.04	744.76	0.01	99.68
117.0	0.6	0.6	0.6	0.04	744.81	0.01	99.68
118.0	0.6	0.6	0.6	0.04	744.85	0.01	99.69
119.0	0.6	0.6	0.6	0.04	744.90	0.01	99.69
120.0	0.6	0.9	0.6	0.04	744.94	0.01	99.70
121.0	0.6	0.9	0.6	0.04	744.98	0.01	99.71
122.0	0.6	0.9	0.6	0.04	745.03	0.01	99.71
123.0	0.6	0.9	0.7	0.04	745.07	0.01	99.72
124.0	0.6	0.9	0.7	0.05	745.11	0.01	99.72
125.0	0.6	0.9	0.7	0.05	745.16	0.01	99.73
126.0	0.6	0.9	0.7	0.05	745.21	0.01	99.74
127.0	0.6	0.9	0.7	0.05	745.26	0.01	99.74
128.0	0.6	0.9	0.8	0.05	745.30	0.01	99.75
129.0	0.6	0.9	0.7	0.05	745.35	0.01	99.76
130.0	0.6	0.9	0.8	0.05	745.40	0.01	99.76
131.0	0.6	0.9	0.8	0.05	745.45	0.01	99.77
132.0	0.6	0.9	0.9	0.05	745.50	0.01	99.78
133.0	0.6	0.9	0.9	0.05	745.55	0.01	99.78
134.0	0.6	0.9	0.9	0.05	745.60	0.01	99.79
135.0	0.9	0.9	0.9	0.05	745.66	0.01	99.80
136.0	0.9	0.9	0.9	0.05	745.71	0.01	99.80
137.0	0.9	0.9	0.9	0.05	745.76	0.01	99.81
138.0	0.9	0.9	0.9	0.05	745.81	0.01	99.82
139.0	0.9	1.2	0.9	0.05	745.86	0.01	99.82
140.0	0.9	1.2	0.9	0.05	745.91	0.01	99.83
141.0	0.9	1.2	1.0	0.05	745.96	0.01	99.84
142.0	0.9	1.2	1.0	0.05	746.01	0.01	99.84
143.0	0.9	1.2	1.0	0.05	746.06	0.01	99.85
144.0	0.9	1.2	1.1	0.05	746.11	0.01	99.86
145.0	0.9	1.2	1.1	0.05	746.16	0.01	99.86
146.0	0.9	1.2	1.1	0.05	746.21	0.01	99.87

LEDVANCE Lighting Co.Ltd.

17860-RB7 PAR16 80 36D 9.5W/840 M1 EMEA-1#(Wang yuxi)

Zonal flux 17860-RB7 PAR16 80 36D 9.5W/840 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	0.9	1.2	1.1	0.05	746.26	0.01	99.88
148.0	0.9	1.2	1.1	0.05	746.31	0.01	99.88
149.0	0.9	1.2	1.1	0.05	746.35	0.01	99.89
150.0	0.9	1.2	1.2	0.05	746.40	0.01	99.90
151.0	1.2	1.2	1.2	0.05	746.45	0.01	99.90
152.0	1.2	1.2	1.2	0.05	746.50	0.01	99.91
153.0	1.2	1.2	1.2	0.05	746.54	0.01	99.92
154.0	1.2	1.2	1.2	0.04	746.59	0.01	99.92
155.0	1.2	1.2	1.2	0.04	746.63	0.01	99.93
156.0	1.2	1.2	1.2	0.04	746.67	0.01	99.93
157.0	1.2	1.2	1.2	0.04	746.71	0.01	99.94
158.0	1.2	1.2	1.2	0.04	746.75	0.01	99.94
159.0	1.2	1.2	1.2	0.04	746.78	0.00	99.95
160.0	1.2	1.5	1.2	0.03	746.82	0.00	99.95
161.0	1.2	1.2	1.2	0.03	746.85	0.00	99.96
162.0	1.2	1.2	1.2	0.03	746.88	0.00	99.96
163.0	1.2	1.5	1.2	0.03	746.91	0.00	99.96
164.0	1.2	1.5	1.2	0.03	746.94	0.00	99.97
165.0	1.2	1.5	1.3	0.03	746.97	0.00	99.97
166.0	1.2	1.5	1.3	0.03	746.99	0.00	99.98
167.0	1.2	1.5	1.3	0.02	747.02	0.00	99.98
168.0	1.2	1.5	1.3	0.02	747.04	0.00	99.98
169.0	1.2	1.5	1.3	0.02	747.06	0.00	99.98
170.0	1.2	1.5	1.3	0.02	747.08	0.00	99.99
171.0	1.2	1.5	1.3	0.02	747.10	0.00	99.99
172.0	1.2	1.5	1.3	0.02	747.12	0.00	99.99
173.0	1.2	1.5	1.4	0.01	747.13	0.00	99.99
174.0	1.2	1.5	1.3	0.01	747.14	0.00	100.00
175.0	1.2	1.5	1.3	0.01	747.15	0.00	100.00
176.0	1.2	1.5	1.3	0.01	747.16	0.00	100.00
177.0	1.2	1.5	1.3	0.01	747.17	0.00	100.00
178.0	1.2	1.5	1.3	0.00	747.17	0.00	100.00
179.0	1.2	1.5	1.4	0.00	747.17	0.00	100.00
180.0	1.2	1.5	1.4	0.00	747.18	0.00	100.00

LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	Decostar C15 G1 180		
Name:	17860-RB7 PAR16 80 36D 9.5W/840 M1 EMEA-1#(Wang yuxi)		
Meas.-no.:	1		
Flux:	747.18 lm		Operator: Thomas.liu
Comment:	UI=230.00V II=0.052A WI=9.16W PF=0.7626		
Maximum intensity:	1039.687 cd		

Protocol

LiTG-class:	A63									
UTE-class:	1.00 B									
IES-class:	79 - 95 - 99 - 100 - 100									
TM5-class:	BZ1									
Divergences in the plane through maximum intensity:										
						Horizontal		Vertical		
One half peak divergence:						40.0°		39.1°		
Half peak side angle (left):						-21.7°		-21.1°		
Half peak side angle (right):						18.3°		18.0°		
One tenth peak divergence:						92.3°		93.3°		
Tenth peak side angle (left):						-46.6°		-47.2°		
Tenth peak side angle (right):						45.7°		46.1°		
C-planes:										
	0.0°	15.0°	30.0°	45.0°	60.0°	75.0°	90.0°	105.0°	120.0°	135.0°
	150.0°	165.0°	180.0°	195.0°	210.0°	225.0°	240.0°	255.0°	270.0°	285.0°
	300.0°	315.0°	330.0°	345.0°						
Gamma:										
	0.0°	1.0°	2.0°	3.0°	4.0°	5.0°	6.0°	7.0°	8.0°	9.0°
	10.0°	11.0°	12.0°	13.0°	14.0°	15.0°	16.0°	17.0°	18.0°	19.0°
	20.0°	21.0°	22.0°	23.0°	24.0°	25.0°	26.0°	27.0°	28.0°	29.0°
	30.0°	31.0°	32.0°	33.0°	34.0°	35.0°	36.0°	37.0°	38.0°	39.0°
	40.0°	41.0°	42.0°	43.0°	44.0°	45.0°	46.0°	47.0°	48.0°	49.0°
	50.0°	51.0°	52.0°	53.0°	54.0°	55.0°	56.0°	57.0°	58.0°	59.0°
	60.0°	61.0°	62.0°	63.0°	64.0°	65.0°	66.0°	67.0°	68.0°	69.0°
	70.0°	71.0°	72.0°	73.0°	74.0°	75.0°	76.0°	77.0°	78.0°	79.0°
	80.0°	81.0°	82.0°	83.0°	84.0°	85.0°	86.0°	87.0°	88.0°	89.0°
	90.0°	91.0°	92.0°	93.0°	94.0°	95.0°	96.0°	97.0°	98.0°	99.0°
	100.0°	101.0°	102.0°	103.0°	104.0°	105.0°	106.0°	107.0°	108.0°	109.0°
	110.0°	111.0°	112.0°	113.0°	114.0°	115.0°	116.0°	117.0°	118.0°	119.0°
	120.0°	121.0°	122.0°	123.0°	124.0°	125.0°	126.0°	127.0°	128.0°	129.0°
	130.0°	131.0°	132.0°	133.0°	134.0°	135.0°	136.0°	137.0°	138.0°	139.0°
	140.0°	141.0°	142.0°	143.0°	144.0°	145.0°	146.0°	147.0°	148.0°	149.0°
	150.0°	151.0°	152.0°	153.0°	154.0°	155.0°	156.0°	157.0°	158.0°	159.0°
	160.0°	161.0°	162.0°	163.0°	164.0°	165.0°	166.0°	167.0°	168.0°	169.0°
	170.0°	171.0°	172.0°	173.0°	174.0°	175.0°	176.0°	177.0°	178.0°	179.0°
	180.0°									