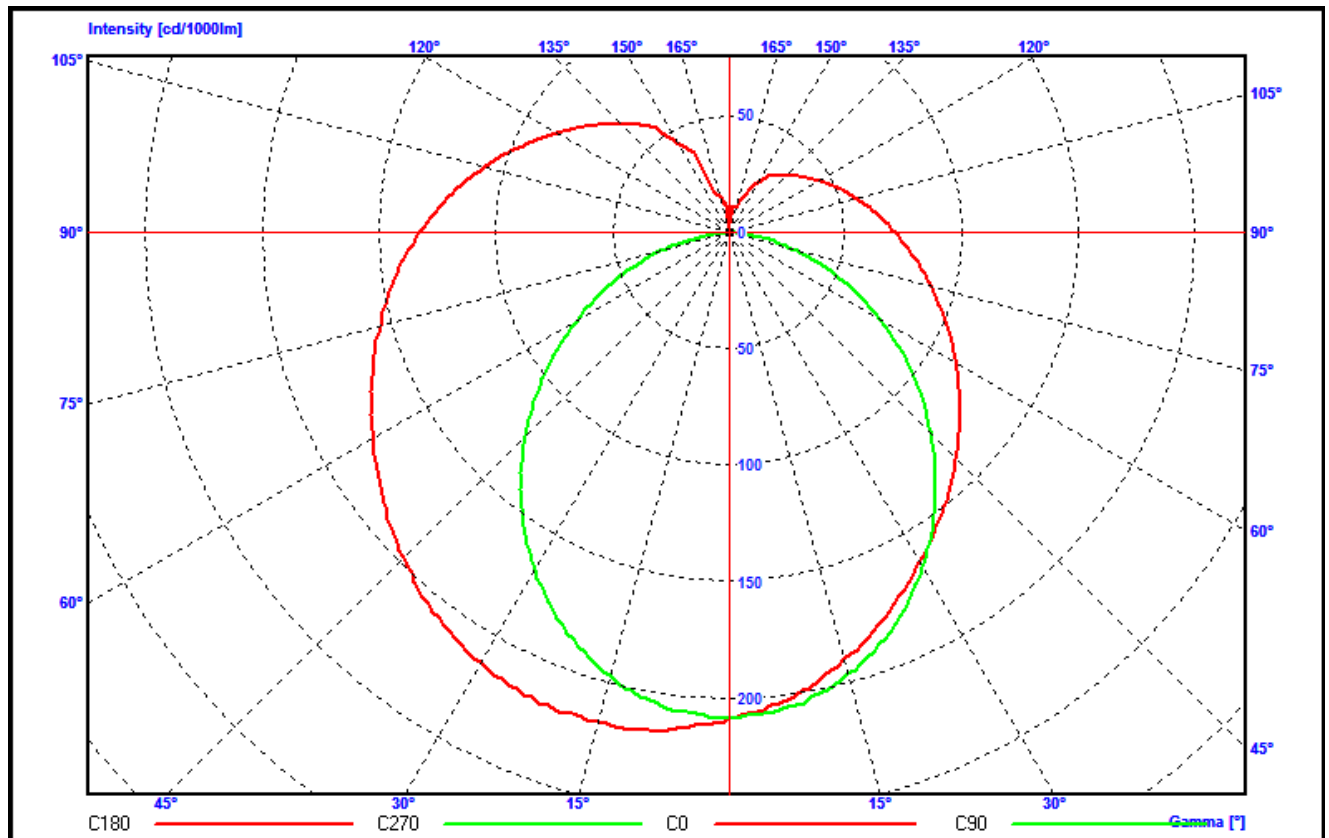


LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	T8/T5 C15 G5 180		
Name:	2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)		
Meas.-no.:	1		
Flux:	2830.22 lm		Operator: Thomas.liu
Comment:	UI=230.08V II=0.1085A WI=23.87W PF=0.9558		
Maximum intensity:	616.352 cd		

Polar diagram 2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling) / C-Plane measurement



Program:	T8/T5 C15 G5 180		
Name:	2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(h		
Meas.-no.:	1		
Flux:	2830.22 lm		Operator: Thomas.liu
Comment:	UI=230.08V II=0.10		
Maximum intensity:	616.352 cd		

LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	T8/T5 C15 G5 180		
Name:	2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)		
Meas.-no.:	1		
Flux:	2830.22 lm		Operator: Thomas.liu
Comment:	UI=230.08V II=0.1085A WI=23.87W PF=0.9558		
Maximum intensity:	616.352 cd		

Intensity [cd] 2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)
/ 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	588.7	590.3	590.1	588.5	592.3	588.9	588.9	591.9	590.1
1.00	586.0	585.3	589.6	589.2	590.1	588.3	588.7	592.1	591.4
2.00	583.1	585.1	587.6	584.7	586.2	586.2	585.8	590.5	594.8
3.00	583.1	580.8	585.3	585.1	584.2	585.3	585.1	592.5	593.7
4.00	580.6	577.5	580.4	580.2	584.9	585.6	584.2	590.1	594.1
5.00	575.5	577.5	580.4	579.5	580.4	581.1	585.1	591.6	594.8
6.00	574.3	574.3	577.5	575.0	577.7	581.7	582.9	591.0	594.1
7.00	571.0	568.3	574.1	574.3	577.3	577.0	579.1	586.9	596.8
8.00	567.4	567.8	568.3	568.3	571.9	574.3	579.1	588.3	596.8
9.00	562.0	562.0	564.7	566.9	569.4	571.2	577.0	586.9	595.2
10.00	560.4	560.2	563.8	561.1	565.6	568.0	571.9	584.7	594.8
11.00	555.5	553.2	559.5	557.9	561.8	564.2	568.7	582.0	591.0
12.00	549.4	548.3	554.3	555.9	558.8	563.1	567.6	577.5	589.6
13.00	545.3	544.2	548.0	551.2	555.5	556.6	564.0	577.3	590.5
14.00	542.4	542.2	544.0	546.2	550.3	554.8	559.3	574.3	586.0
15.00	535.0	540.4	540.9	540.4	545.3	548.5	554.1	568.9	583.8
16.00	530.3	532.3	535.0	535.2	542.7	546.5	552.1	567.4	583.8
17.00	528.7	526.9	530.3	531.2	536.6	538.4	547.1	561.3	577.9
18.00	523.6	521.1	524.9	524.2	532.8	535.7	541.5	559.5	575.0
19.00	517.9	516.4	520.0	519.5	525.8	529.2	538.4	555.5	574.1
20.00	512.8	512.1	513.2	515.5	520.6	524.0	530.3	548.3	568.3
21.00	506.9	506.0	508.5	508.5	513.2	518.8	526.5	544.9	563.5
22.00	503.1	501.1	504.5	503.8	507.4	511.9	521.3	541.1	561.8
23.00	497.7	496.6	499.1	496.8	502.7	507.1	514.3	535.9	558.4
24.00	491.9	490.5	493.0	491.0	495.5	499.7	507.6	530.3	551.9
25.00	486.3	485.4	486.5	484.7	489.2	492.5	503.1	523.1	548.5
26.00	482.4	480.6	481.3	478.4	482.9	487.6	495.7	517.9	542.7
27.00	476.8	475.7	475.2	473.0	475.9	479.7	489.6	512.5	537.3
28.00	472.3	470.3	470.5	466.0	470.1	473.2	481.5	505.6	534.3
29.00	466.3	464.0	464.9	460.6	462.7	466.7	476.1	499.5	527.4
30.00	460.9	459.3	458.4	453.7	455.2	458.8	467.6	492.5	524.0
31.00	456.6	454.8	452.1	446.7	449.4	452.1	461.3	486.3	517.7
32.00	451.9	448.5	447.2	440.9	441.5	443.6	452.5	479.3	510.7
33.00	446.9	443.6	441.5	434.1	434.1	437.0	446.3	471.9	505.4

LEDVANCE Lighting Co.Ltd.

2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)

Intensity [cd] 2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)
/ 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	441.3	439.3	435.9	428.5	427.6	428.5	437.9	465.4	499.7
35.00	436.1	433.0	429.9	420.6	420.0	420.6	430.8	457.3	493.2
36.00	432.3	427.8	424.2	415.0	412.5	413.0	421.5	450.7	486.0
37.00	426.7	422.2	418.2	408.5	404.5	404.9	414.1	442.2	480.6
38.00	421.3	418.4	413.7	402.2	397.9	396.8	406.0	435.5	473.2
39.00	417.7	413.2	407.6	395.9	390.3	388.7	397.3	426.5	465.8
40.00	412.8	407.6	402.0	389.0	382.0	380.9	389.9	418.8	460.2
41.00	407.4	402.4	395.7	382.4	375.0	371.4	380.4	409.9	451.9
42.00	401.8	398.4	390.1	375.7	368.1	363.6	372.6	403.1	444.9
43.00	398.2	393.0	384.5	369.6	359.7	354.8	363.3	394.6	438.4
44.00	393.2	387.8	379.3	364.0	352.6	347.2	354.1	386.5	430.1
45.00	387.6	383.1	373.7	357.3	345.8	338.4	346.5	377.0	424.5
46.00	382.7	377.7	369.0	350.1	337.5	330.5	336.8	369.9	415.9
47.00	378.8	372.3	363.3	344.9	330.8	321.5	328.7	361.1	408.5
48.00	373.9	368.1	357.5	338.2	323.1	313.7	319.3	352.8	400.9
49.00	368.7	362.9	352.3	331.7	316.2	304.5	310.8	343.1	394.1
50.00	364.7	358.6	346.9	326.3	308.7	295.7	301.1	334.6	385.8
51.00	359.3	353.5	341.5	319.3	301.5	287.8	292.8	326.9	379.5
52.00	354.6	348.3	336.6	313.5	294.1	279.3	282.9	317.5	371.7
53.00	349.2	343.6	331.0	308.1	286.7	271.2	274.6	309.0	364.0
54.00	345.6	338.6	325.8	302.0	280.4	262.4	265.8	300.6	356.8
55.00	341.1	333.5	320.2	296.4	273.2	254.8	256.8	291.7	349.6
56.00	335.9	329.0	315.0	290.5	266.0	246.0	247.4	283.6	341.1
57.00	331.0	324.2	309.9	284.5	259.1	237.5	238.6	274.4	334.4
58.00	326.7	320.0	305.8	278.4	253.0	229.9	229.2	265.8	326.7
59.00	322.0	315.3	300.4	273.7	246.0	226.0	220.9	257.5	319.3
60.00	317.7	310.1	295.3	267.6	239.5	216.9	211.2	248.5	312.3
61.00	312.8	305.4	290.1	262.0	232.6	205.6	202.7	240.7	305.8
62.00	308.5	300.6	285.8	256.8	226.5	197.5	194.1	231.9	298.4
63.00	304.2	296.8	280.9	251.7	220.2	190.3	184.9	224.0	292.1
64.00	299.7	292.8	275.7	246.5	213.9	182.9	176.6	215.3	285.1
65.00	294.6	287.4	270.8	240.9	207.6	174.8	167.2	207.4	278.2
66.00	291.2	283.3	266.9	235.3	202.2	167.2	158.2	199.3	270.8
67.00	286.5	279.3	261.8	231.0	196.2	160.2	149.9	191.7	265.4
68.00	282.0	274.6	257.3	225.6	190.5	152.8	141.8	183.8	258.9
69.00	278.4	270.3	253.2	221.1	184.5	146.1	133.5	176.2	252.3
70.00	273.2	266.0	248.7	216.4	178.9	138.9	124.7	167.9	245.6
71.00	269.2	262.2	244.0	211.4	173.9	132.3	116.6	161.1	240.4
72.00	265.6	258.2	239.5	207.4	168.3	125.6	108.3	154.1	234.6
73.00	261.8	253.7	235.7	202.7	163.1	118.6	100.2	146.5	228.5
74.00	257.5	250.3	231.7	198.0	158.2	112.6	92.1	139.5	224.0
75.00	253.5	246.3	227.4	194.1	153.5	106.5	84.7	133.2	218.4
76.00	249.6	242.0	223.6	189.4	148.3	100.7	77.1	126.5	213.0

LEDVANCE Lighting Co.Ltd.

2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)

Intensity [cd] 2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)
/ 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	246.3	238.2	219.5	185.6	143.4	94.6	69.4	120.4	207.8
78.00	242.0	234.4	215.9	181.6	138.9	89.4	62.0	114.6	203.6
79.00	238.2	230.5	211.9	177.3	134.8	84.0	54.8	108.8	198.9
80.00	235.0	227.4	207.8	173.2	130.6	79.3	48.3	103.6	194.1
81.00	231.4	223.8	204.7	170.1	126.5	74.4	41.3	98.4	189.6
82.00	227.6	220.2	201.3	166.3	122.5	69.7	35.1	93.5	185.8
83.00	224.0	216.6	198.0	162.2	118.4	65.4	29.2	89.4	181.6
84.00	220.9	213.0	194.1	159.3	114.8	61.3	23.4	85.4	178.2
85.00	217.5	210.1	190.3	155.5	111.7	57.5	18.0	81.3	174.6
86.00	214.4	206.7	187.6	152.1	108.3	53.9	13.3	78.0	170.8
87.00	210.5	203.6	184.0	149.2	104.7	51.0	8.8	75.0	167.9
88.00	207.4	200.0	180.7	145.8	101.3	47.9	5.6	72.4	164.5
89.00	204.5	196.8	177.7	142.5	98.6	45.4	3.4	69.7	161.1
90.00	201.8	193.7	175.0	139.5	95.7	42.9	2.9	67.9	158.9
91.00	198.2	191.0	171.7	136.8	93.0	40.9	2.7	65.8	155.9
92.00	195.5	187.8	168.5	133.9	90.6	39.1	2.7	64.5	153.0
93.00	192.6	184.9	165.6	131.7	88.1	37.3	2.7	63.1	150.5
94.00	189.6	182.0	162.9	128.8	85.6	35.7	2.7	62.2	148.5
95.00	187.0	179.1	160.0	126.1	83.6	34.6	2.7	61.3	146.3
96.00	184.0	176.6	157.7	123.8	81.6	33.5	2.7	60.4	143.8
97.00	181.1	173.9	154.8	121.3	79.5	32.6	2.7	60.2	142.0
98.00	178.2	171.0	152.1	119.1	77.3	31.7	2.5	59.8	140.0
99.00	175.9	168.3	149.7	116.6	75.7	31.0	2.5	59.8	138.6
100.00	173.2	166.3	147.4	114.6	73.9	30.6	2.7	59.5	136.8
101.00	170.3	163.6	144.9	112.6	72.4	30.3	2.9	59.8	135.0
102.00	167.6	160.7	142.2	110.1	71.0	30.1	2.9	59.8	133.2
103.00	165.2	158.4	139.8	108.1	69.7	30.1	3.1	60.0	132.1
104.00	162.5	155.7	137.5	106.5	68.1	30.1	3.4	60.2	130.8
105.00	160.0	153.2	135.3	104.5	67.0	30.1	3.4	60.7	129.4
106.00	157.7	151.0	133.2	102.5	65.8	30.3	3.4	61.3	127.9
107.00	155.5	148.5	131.0	100.9	64.9	30.6	3.4	61.6	127.0
108.00	153.0	146.1	128.8	98.9	63.8	31.0	3.4	62.0	125.6
109.00	150.3	143.8	126.7	97.3	62.9	31.5	3.1	62.5	124.7
110.00	148.3	141.6	124.5	95.7	62.2	31.2	3.1	62.9	123.8
111.00	145.8	139.1	122.2	94.1	61.3	30.8	3.1	62.0	122.9
112.00	143.6	137.1	120.2	92.8	60.2	30.1	3.1	60.4	121.6
113.00	141.3	135.0	118.2	91.5	58.6	29.2	3.1	59.3	120.9
114.00	138.9	132.6	116.4	89.9	56.8	28.5	2.9	58.2	120.2
115.00	136.4	130.3	114.6	87.9	55.1	28.3	2.9	58.0	119.1
116.00	134.4	128.5	112.6	85.6	53.5	28.3	2.9	57.5	118.4
117.00	132.1	126.1	111.0	82.5	52.1	28.3	2.9	57.3	117.7
118.00	130.1	124.0	109.2	79.3	51.0	28.3	2.9	57.7	117.1
119.00	127.6	122.0	107.4	76.8	49.7	28.5	2.7	57.5	116.2

LEDVANCE Lighting Co.Ltd.

2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)

Intensity [cd] 2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)
/ 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	125.8	120.2	105.6	74.4	48.8	28.5	2.7	58.0	115.5
121.00	123.6	118.2	103.8	71.7	47.9	28.8	2.7	58.2	115.0
122.00	121.3	116.2	101.6	69.7	47.0	29.0	2.7	58.4	114.6
123.00	119.8	114.4	98.6	67.4	46.1	29.2	2.7	58.9	113.7
124.00	117.7	112.6	95.0	65.8	45.2	29.4	2.7	59.3	113.2
125.00	115.9	110.8	91.7	63.8	44.3	29.7	2.7	59.8	112.6
126.00	113.7	109.0	88.3	62.0	43.4	29.9	2.7	60.2	111.0
127.00	111.9	107.2	85.2	60.4	42.7	30.1	2.7	60.4	108.3
128.00	110.1	105.4	82.0	58.9	41.6	30.3	2.7	60.7	105.6
129.00	108.3	103.6	79.5	57.5	40.0	30.6	2.9	60.7	102.7
130.00	106.7	102.0	76.8	56.2	38.6	30.8	2.7	60.7	100.2
131.00	104.7	100.4	74.4	54.8	38.0	31.0	2.9	60.7	98.6
132.00	103.1	98.9	72.1	53.7	37.5	31.2	2.9	60.7	96.8
133.00	101.6	97.5	69.9	52.6	37.1	31.7	2.9	60.7	95.3
134.00	100.0	95.7	67.6	51.0	36.6	31.9	2.9	60.7	94.4
135.00	98.4	93.0	65.6	49.7	36.6	32.1	2.9	60.7	93.0
136.00	96.6	89.7	63.6	48.5	36.6	32.4	2.9	60.4	91.9
137.00	95.3	86.3	61.8	47.2	36.6	32.8	2.9	60.4	90.8
138.00	93.7	82.7	60.0	45.2	36.9	33.5	2.9	60.2	89.9
139.00	92.4	79.5	58.4	42.7	38.0	34.4	2.9	60.2	89.0
140.00	91.2	76.2	56.4	41.1	39.1	35.3	2.9	60.0	88.1
141.00	90.1	73.5	54.4	40.0	39.5	36.0	2.9	60.0	87.4
142.00	88.5	70.3	52.4	39.5	40.2	36.6	2.9	60.2	86.7
143.00	87.2	67.0	50.3	39.1	40.9	37.3	2.9	60.0	86.1
144.00	85.8	63.8	47.4	39.5	41.6	38.0	2.9	60.2	85.2
145.00	84.0	60.7	44.5	39.8	42.2	38.4	3.1	60.2	84.7
146.00	82.0	57.1	42.2	39.8	42.9	39.3	2.9	60.0	84.0
147.00	80.0	52.6	40.2	40.4	43.6	40.2	2.9	58.6	83.4
148.00	77.3	48.8	38.9	40.9	44.3	40.9	3.1	57.5	82.9
149.00	73.7	46.1	38.0	40.9	44.9	41.1	3.1	56.6	82.5
150.00	70.6	42.9	37.3	41.6	45.8	40.9	3.1	55.3	81.8
151.00	68.1	40.7	36.9	42.9	46.5	40.0	3.1	54.6	81.3
152.00	66.1	38.6	36.4	43.4	47.2	36.9	3.1	53.7	80.7
153.00	63.6	37.3	36.0	44.0	47.9	33.5	3.1	53.3	80.2
154.00	60.9	36.0	35.7	44.7	48.5	30.3	3.1	52.8	79.8
155.00	58.4	34.8	35.7	45.2	49.0	27.2	3.1	52.6	79.5
156.00	58.0	34.4	36.4	45.8	49.4	24.7	3.1	52.1	78.6
157.00	50.8	34.2	37.1	46.7	49.9	22.2	3.1	52.1	78.2
158.00	47.2	33.7	37.7	47.2	49.9	20.9	3.1	51.9	77.7
159.00	44.9	33.5	38.4	47.9	50.1	20.2	3.1	51.5	77.5
160.00	42.9	33.3	39.3	48.8	50.6	19.8	3.1	51.0	76.8
161.00	34.2	33.0	40.4	49.7	50.8	19.3	3.1	50.8	75.9
162.00	32.1	33.0	41.3	50.1	51.7	18.9	3.1	50.3	73.9

LEDVANCE Lighting Co.Ltd.

2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)

Intensity [cd] 2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)
/ 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	31.9	32.8	42.2	51.0	51.0	18.4	3.1	49.9	70.8
164.00	31.9	32.6	43.1	51.7	48.1	18.2	3.1	48.3	67.4
165.00	31.9	32.6	44.3	52.4	40.9	18.0	3.1	46.3	65.6
166.00	31.9	32.6	45.4	53.3	33.7	17.8	3.1	43.6	64.0
167.00	31.7	32.6	46.3	53.7	28.1	17.5	3.1	40.2	62.2
168.00	31.9	32.6	47.4	50.8	23.8	17.3	3.1	36.6	61.1
169.00	31.9	32.6	48.5	41.3	22.0	17.1	3.1	32.6	59.8
170.00	32.1	32.6	47.4	31.0	20.7	16.9	3.1	28.3	58.0
171.00	32.1	32.4	39.1	24.3	19.8	16.2	3.1	23.8	56.0
172.00	28.3	24.7	28.3	21.6	19.1	15.7	3.1	19.5	53.5
173.00	19.8	16.9	21.1	19.8	18.7	14.8	3.1	15.1	47.9
174.00	13.5	13.7	18.9	18.7	18.0	13.5	3.1	10.6	40.4
175.00	11.7	12.4	17.3	18.0	16.9	11.7	3.1	7.4	31.2
176.00	10.6	11.9	16.6	16.9	15.7	9.9	3.1	5.6	22.5
177.00	9.9	11.2	15.5	15.1	13.3	7.4	3.1	4.5	13.5
178.00	8.8	9.7	13.3	11.7	9.9	5.6	3.1	3.8	6.3
179.00	6.5	6.1	7.6	5.8	5.8	4.0	3.1	3.8	4.0
180.00	2.2	2.7	3.1	3.4	3.6	3.8	3.1	3.8	3.8

G/C [cd]	135.00	150.00	165.00	180.00	195.00	210.00	225.00	240.00	255.00
0.00	591.4	593.2	593.9	588.7	590.3	590.1	588.5	592.3	588.9
1.00	595.2	593.4	594.6	594.1	593.2	592.5	590.7	590.7	592.1
2.00	597.7	597.7	599.7	594.6	593.9	597.5	595.0	592.8	590.3
3.00	598.6	600.4	599.5	597.5	598.8	597.5	594.6	595.7	590.7
4.00	597.5	599.5	604.2	599.3	598.6	599.5	598.2	594.1	593.2
5.00	598.8	604.2	604.0	604.2	601.7	603.3	599.7	594.6	590.7
6.00	599.3	605.3	607.8	604.7	606.2	602.6	601.3	597.3	591.6
7.00	599.9	604.2	608.0	606.7	605.6	604.4	599.5	597.0	590.7
8.00	600.4	605.6	611.0	610.7	606.9	608.0	602.4	594.3	589.8
9.00	602.4	605.8	612.8	609.8	608.0	606.5	599.9	596.4	588.5
10.00	602.6	609.4	611.2	613.0	612.1	606.9	602.6	592.8	584.4
11.00	599.5	607.1	611.9	613.9	612.5	609.6	600.2	593.9	584.2
12.00	601.3	606.9	614.6	614.6	611.0	610.1	602.0	593.0	580.2
13.00	598.4	608.9	612.5	615.2	613.9	607.1	601.3	588.5	577.9
14.00	599.3	606.9	615.0	613.4	611.4	609.2	597.7	589.6	577.7
15.00	597.7	606.0	612.8	613.2	614.1	606.2	596.4	587.1	572.3
16.00	593.4	607.1	615.2	616.4	614.6	608.3	595.2	582.4	568.9
17.00	594.1	606.9	612.3	613.9	611.9	605.3	595.5	582.2	567.6
18.00	589.4	603.3	614.1	613.9	614.1	606.5	591.2	578.8	561.5
19.00	587.1	604.9	611.9	616.4	611.9	605.1	591.9	573.7	557.3
20.00	584.4	603.3	613.2	615.9	610.5	602.0	587.8	572.5	553.2
21.00	584.4	601.7	609.8	613.0	612.8	599.9	587.1	566.0	548.5
22.00	579.1	599.9	608.9	614.8	611.6	601.1	581.7	564.9	546.2

LEDVANCE Lighting Co.Ltd.

2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)

Intensity [cd] 2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)
/ 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	576.4	597.7	607.8	612.3	608.3	599.1	579.3	559.3	539.1
24.00	574.8	593.7	608.9	612.8	609.2	597.3	578.2	555.5	536.4
25.00	569.4	591.0	605.3	609.8	606.5	592.3	572.8	551.9	530.5
26.00	567.6	591.2	603.3	611.2	604.2	590.7	572.1	545.1	524.5
27.00	564.9	586.0	604.7	606.9	605.3	590.3	566.0	541.5	517.5
28.00	557.9	585.8	600.2	608.0	601.5	585.1	563.3	535.7	512.5
29.00	553.7	580.4	600.2	604.0	599.1	582.2	557.7	530.3	506.2
30.00	551.9	579.5	598.2	602.0	599.3	582.2	555.9	525.1	499.7
31.00	545.3	576.8	593.4	601.7	596.8	578.4	551.2	519.1	491.9
32.00	542.7	571.0	593.2	600.2	592.3	573.2	545.1	514.3	486.0
33.00	536.1	570.3	587.6	595.5	592.1	569.4	540.9	507.4	478.2
34.00	533.4	563.5	584.9	593.0	586.9	568.7	538.4	502.2	471.9
35.00	526.9	560.0	584.2	590.1	586.7	562.9	530.7	495.5	464.0
36.00	522.9	558.4	578.8	589.8	583.5	561.1	528.3	488.7	457.0
37.00	516.1	553.7	575.0	584.2	577.7	556.8	521.1	483.1	449.8
38.00	511.4	548.0	574.1	583.5	577.5	553.0	516.8	476.6	441.8
39.00	506.7	545.3	571.2	578.2	572.8	547.6	511.9	469.2	432.8
40.00	501.1	538.8	566.9	577.3	569.4	542.2	506.0	462.9	425.8
41.00	493.9	536.4	563.1	574.1	564.0	537.0	499.5	455.7	417.3
42.00	489.2	531.2	556.8	570.1	560.6	535.0	494.8	448.3	409.6
43.00	482.7	526.7	553.9	564.0	558.2	530.3	488.7	440.9	400.9
44.00	477.3	522.4	551.0	562.6	553.4	523.6	482.4	434.3	393.2
45.00	470.7	516.8	545.3	556.6	550.1	519.7	477.3	426.3	384.5
46.00	465.6	510.7	540.9	555.7	546.7	515.2	471.0	420.0	376.6
47.00	458.4	506.7	537.3	551.2	539.7	510.1	465.8	411.7	367.4
48.00	453.7	501.3	534.1	545.8	537.7	504.0	458.4	404.2	358.8
49.00	446.5	495.7	528.7	543.1	532.3	500.0	453.2	397.5	349.9
50.00	439.7	492.1	526.7	539.5	529.4	494.8	446.5	390.3	341.5
51.00	434.6	485.8	520.9	533.7	524.5	488.9	440.6	382.2	333.2
52.00	427.4	480.2	517.3	530.3	519.7	483.8	434.3	374.1	323.6
53.00	420.9	476.1	511.9	527.4	516.4	480.0	429.0	367.2	315.9
54.00	415.7	470.5	508.5	521.5	511.4	474.1	422.2	359.5	307.6
55.00	409.2	466.3	503.3	518.8	506.7	468.7	415.7	353.0	298.4
56.00	402.4	460.9	500.0	514.8	502.9	464.9	410.1	344.7	289.4
57.00	396.1	455.2	495.2	509.8	498.2	459.7	403.8	337.1	281.1
58.00	391.0	451.0	491.0	506.2	494.8	454.1	397.5	330.8	272.3
59.00	384.2	446.3	485.8	502.2	490.7	448.7	391.0	322.9	264.0
60.00	380.0	440.2	482.2	497.9	486.0	444.9	386.0	315.7	254.8
61.00	372.8	436.1	478.4	494.6	480.9	440.0	379.3	309.0	246.7
62.00	367.2	431.0	473.4	489.8	477.0	434.8	374.1	302.0	238.9
63.00	361.5	426.7	470.1	486.9	472.8	430.5	367.6	295.5	229.6
64.00	355.7	421.8	466.5	481.8	468.7	425.1	362.4	288.3	221.8
65.00	350.5	417.5	460.6	477.9	465.6	420.0	357.3	281.3	213.5

LEDVANCE Lighting Co.Ltd.

2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)

Intensity [cd] 2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)
/ 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	345.6	412.1	457.7	474.6	461.1	415.2	351.2	275.3	205.6
67.00	339.7	408.3	453.7	470.3	456.4	411.0	346.0	268.5	196.8
68.00	335.3	402.7	448.7	466.7	452.8	406.3	341.1	262.2	189.4
69.00	329.2	399.1	445.4	461.8	449.0	401.8	335.7	255.9	182.2
70.00	324.0	394.6	441.5	457.7	444.7	398.2	330.3	249.4	174.1
71.00	319.3	389.2	436.6	455.0	439.7	392.6	325.4	244.2	167.0
72.00	315.0	385.6	432.5	450.1	436.4	388.5	319.7	237.5	159.3
73.00	309.4	380.9	428.7	447.2	432.8	384.7	315.5	232.8	152.6
74.00	304.9	377.0	425.1	442.2	428.3	380.0	311.2	226.9	145.8
75.00	300.2	373.2	421.5	438.2	424.0	376.4	306.0	221.6	139.1
76.00	296.4	367.8	416.4	434.1	420.4	372.1	301.5	217.1	132.3
77.00	291.2	364.5	412.5	431.4	416.4	367.2	297.5	211.9	126.3
78.00	286.9	360.0	407.8	426.5	411.2	363.3	292.6	207.4	120.2
79.00	283.3	356.4	404.5	422.2	408.1	358.8	288.7	202.5	114.4
80.00	278.6	352.1	400.2	418.6	402.9	354.6	284.0	198.4	109.0
81.00	274.4	347.6	396.6	413.9	399.1	350.5	280.4	193.7	103.8
82.00	271.2	342.9	391.2	409.4	395.5	346.9	275.9	189.9	99.1
83.00	266.7	339.5	388.1	406.0	390.3	342.0	272.6	186.3	94.6
84.00	263.3	335.0	382.7	401.5	385.8	338.4	268.1	182.2	90.3
85.00	259.1	331.7	379.5	396.8	382.2	334.1	264.7	178.6	86.7
86.00	255.9	327.2	374.4	393.0	378.4	330.3	260.7	175.0	83.1
87.00	252.3	323.1	370.8	387.6	374.4	325.8	257.3	171.7	80.2
88.00	248.7	319.5	366.7	383.1	369.4	322.4	253.2	168.5	77.1
89.00	245.4	315.0	361.5	379.5	365.1	318.4	249.9	165.4	74.6
90.00	241.3	311.9	358.2	375.2	361.3	314.6	246.5	162.7	72.4
91.00	238.2	307.4	353.5	370.1	356.4	309.9	242.9	159.5	70.6
92.00	234.8	303.3	348.7	366.7	352.6	306.7	239.8	157.3	69.0
93.00	231.4	299.3	344.5	362.4	348.1	302.0	235.9	154.8	67.4
94.00	228.7	296.2	340.6	357.5	343.1	298.2	233.2	152.1	66.3
95.00	225.8	291.9	335.9	352.8	339.7	295.3	230.1	150.3	65.2
96.00	222.2	288.5	331.9	348.5	334.4	290.5	227.4	147.9	64.5
97.00	219.8	284.5	327.6	343.8	331.0	286.9	223.6	146.1	63.8
98.00	216.2	280.4	323.1	339.3	326.0	283.6	220.9	143.8	63.4
99.00	213.7	277.3	319.1	335.0	321.5	279.1	218.0	142.2	63.1
100.00	211.0	273.9	314.4	330.5	317.7	276.2	215.3	140.4	63.1
101.00	207.8	269.9	310.5	325.6	313.2	272.3	212.1	138.6	62.9
102.00	205.6	266.0	305.8	320.4	309.2	268.3	209.2	137.3	62.9
103.00	202.5	262.7	301.5	316.8	304.9	265.1	206.5	135.5	63.1
104.00	200.2	259.3	297.3	311.7	300.0	261.3	204.0	134.1	63.4
105.00	197.5	255.7	293.5	307.2	295.5	257.5	201.3	133.0	63.6
106.00	194.6	251.7	289.4	302.9	291.7	253.5	198.4	131.4	64.0
107.00	192.6	248.5	284.5	298.0	287.6	249.9	196.4	130.3	64.5
108.00	189.9	244.7	280.7	293.5	282.9	246.9	193.9	129.2	64.9

LEDVANCE Lighting Co.Ltd.

2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)

Intensity [cd] 2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)
/ 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	187.6	241.3	276.8	289.6	279.1	243.4	191.0	127.9	65.4
110.00	185.4	238.2	272.6	284.7	274.6	240.0	188.5	126.7	65.8
111.00	182.9	234.4	268.1	279.8	270.1	236.4	186.5	125.8	65.8
112.00	180.4	231.4	263.8	275.9	266.0	232.6	183.8	124.7	64.9
113.00	178.4	228.1	259.8	271.4	262.4	229.4	181.8	124.0	63.1
114.00	175.9	224.5	256.4	266.9	257.7	226.0	179.8	122.9	61.8
115.00	174.1	221.6	251.4	262.2	254.4	222.2	177.3	122.0	60.7
116.00	171.7	218.2	248.1	258.4	249.6	219.8	174.8	121.3	60.0
117.00	169.4	214.6	243.6	253.9	246.3	215.9	172.8	120.4	59.5
118.00	167.6	211.2	240.2	249.6	241.6	212.6	170.8	120.0	59.5
119.00	165.6	208.5	235.9	246.0	238.0	209.6	168.7	118.9	59.3
120.00	164.0	205.2	232.6	241.8	234.1	206.5	166.3	118.2	59.3
121.00	162.2	202.5	228.3	237.5	229.9	203.1	164.5	117.7	59.5
122.00	160.0	199.5	225.1	233.9	226.5	200.0	162.7	116.8	59.8
123.00	157.7	196.2	221.3	229.4	223.1	197.5	160.7	116.2	60.0
124.00	156.2	193.2	217.5	226.3	219.1	194.1	158.6	115.5	60.4
125.00	154.4	191.0	213.5	222.2	215.3	191.4	156.6	114.6	60.7
126.00	152.6	187.6	210.5	218.2	211.4	188.7	155.0	113.0	60.9
127.00	150.8	184.7	206.7	214.6	208.5	185.8	153.0	111.0	61.3
128.00	149.2	182.0	204.0	210.1	204.9	182.7	151.4	107.9	61.6
129.00	147.2	179.8	200.0	207.4	200.9	180.0	149.4	104.5	62.0
130.00	145.8	176.4	196.6	203.6	197.7	177.7	147.6	102.5	62.0
131.00	144.0	173.9	193.7	200.0	194.6	174.6	146.3	100.2	62.2
132.00	142.2	171.4	189.9	196.4	191.0	172.1	144.3	98.6	62.2
133.00	140.9	168.7	186.7	192.8	187.8	169.4	142.7	97.3	62.5
134.00	138.9	166.3	183.6	189.2	184.9	167.4	141.1	95.7	62.2
135.00	136.6	164.5	180.9	186.3	181.3	164.5	139.1	94.4	62.2
136.00	133.9	161.8	177.3	183.1	178.4	162.2	136.2	93.3	62.0
137.00	129.9	159.1	174.6	180.0	175.5	159.8	132.8	92.4	62.0
138.00	125.4	156.6	171.7	176.6	172.3	157.1	128.1	91.5	62.0
139.00	121.3	154.6	169.2	173.5	169.9	154.6	123.8	90.3	61.8
140.00	117.7	152.1	166.1	170.1	166.7	152.6	120.0	89.7	62.0
141.00	114.8	149.0	163.4	167.2	163.8	149.2	117.1	88.5	61.8
142.00	112.4	145.2	160.2	164.5	161.3	144.7	114.4	88.1	61.6
143.00	110.3	140.4	157.7	161.1	158.4	140.0	112.4	87.2	61.6
144.00	108.3	134.8	154.1	158.2	154.8	134.1	109.9	86.7	61.3
145.00	106.3	129.9	149.2	154.6	150.5	129.4	107.6	85.8	61.3
146.00	104.5	125.4	143.8	149.0	144.7	125.2	106.1	85.2	61.3
147.00	102.7	121.8	137.1	142.9	138.2	121.6	104.0	84.5	61.1
148.00	100.9	118.6	131.7	136.6	133.2	118.6	102.5	83.8	60.7
149.00	99.1	115.7	127.4	131.4	128.1	115.7	100.4	83.6	59.3
150.00	97.7	113.0	123.4	126.7	124.0	112.8	99.1	82.9	58.0
151.00	96.4	110.6	120.0	122.9	120.7	110.6	97.3	82.2	56.4

LEDVANCE Lighting Co.Ltd.

2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)

Intensity [cd] 2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)
/ 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	94.8	108.3	116.6	119.3	117.1	107.9	96.2	81.6	55.1
153.00	93.3	105.6	113.9	115.7	114.1	106.1	94.4	81.3	54.6
154.00	92.1	103.8	111.0	113.2	111.2	103.8	93.3	80.4	54.2
155.00	91.0	101.8	108.3	109.0	108.8	101.6	91.7	80.2	54.2
156.00	89.4	99.8	105.6	105.4	106.1	99.5	90.6	79.8	54.2
157.00	88.5	97.7	103.4	100.4	103.4	98.0	89.2	79.1	54.4
158.00	87.2	96.2	101.1	84.0	101.1	96.2	87.9	78.2	54.6
159.00	86.1	94.1	98.4	64.3	99.1	94.1	87.0	78.0	54.4
160.00	85.2	92.8	96.6	51.7	96.6	92.6	85.8	77.1	54.2
161.00	84.0	91.2	94.6	49.9	94.8	91.0	84.7	76.8	53.7
162.00	83.1	89.4	92.8	48.8	92.6	89.4	83.6	74.8	53.5
163.00	81.8	87.9	90.6	47.4	90.6	87.9	82.5	71.5	52.8
164.00	80.9	86.3	88.8	46.5	88.8	86.3	81.6	68.5	52.1
165.00	79.8	84.9	86.5	45.6	86.3	84.7	80.7	66.3	50.8
166.00	78.9	83.6	84.3	44.7	83.8	83.4	79.5	64.9	48.5
167.00	76.2	82.0	81.8	43.8	81.1	81.8	77.7	63.6	45.6
168.00	71.7	80.7	79.3	42.9	78.2	80.7	73.3	62.2	42.5
169.00	68.3	79.5	76.4	42.0	75.5	78.6	69.4	60.9	38.4
170.00	65.8	74.6	73.7	41.1	72.6	73.0	67.0	59.1	33.7
171.00	64.0	69.2	67.9	37.7	67.0	68.5	65.2	57.1	29.2
172.00	61.8	66.3	61.8	35.7	61.3	65.6	63.4	53.7	24.5
173.00	59.3	63.6	58.2	34.4	58.0	63.1	60.9	47.6	19.3
174.00	56.0	60.4	54.8	33.0	54.6	59.8	57.7	39.8	14.2
175.00	48.3	56.2	50.8	31.0	50.6	55.5	50.1	30.6	9.9
176.00	35.7	49.2	44.5	27.0	45.4	45.2	38.4	20.7	7.4
177.00	22.5	35.5	32.6	17.8	33.5	30.3	25.6	11.2	5.4
178.00	10.3	20.0	18.0	8.5	18.4	14.4	11.9	6.3	4.3
179.00	4.0	6.3	5.6	2.5	5.6	4.3	4.7	3.8	3.8
180.00	3.6	3.4	2.9	2.2	2.7	3.1	3.4	3.6	3.8

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
0.00	588.9	591.9	590.1	591.4	593.2	593.9
1.00	586.5	591.0	588.5	588.9	591.0	588.3
2.00	588.3	589.6	587.4	589.4	588.7	586.2
3.00	585.6	589.2	588.0	587.6	586.2	584.2
4.00	584.7	587.4	584.2	583.1	581.7	582.0
5.00	583.1	583.1	584.0	583.1	581.5	581.7
6.00	584.0	583.5	581.5	577.7	576.4	575.9
7.00	582.6	581.1	576.8	575.2	575.5	572.8
8.00	580.2	576.6	575.9	575.0	571.9	571.4
9.00	575.9	576.6	573.2	569.6	569.2	566.0
10.00	573.0	570.7	569.6	566.0	565.1	562.2
11.00	572.5	570.3	563.8	561.5	558.8	558.6

LEDVANCE Lighting Co.Ltd.

2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)

Intensity [cd] 2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)
/ C-Plane measurement

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
12.00	566.5	564.4	559.5	560.4	554.8	554.1
13.00	566.5	562.6	557.0	554.3	550.1	550.1
14.00	561.1	556.4	551.6	550.7	547.6	547.1
15.00	555.9	551.4	548.7	546.9	541.8	540.0
16.00	554.6	549.8	542.9	542.2	537.3	538.4
17.00	548.3	545.3	538.6	535.0	531.6	532.1
18.00	543.8	537.9	533.7	531.6	528.7	526.0
19.00	538.6	533.7	529.4	524.0	521.8	522.7
20.00	535.0	530.3	522.2	521.1	517.3	516.4
21.00	527.6	521.5	517.7	514.3	511.4	511.4
22.00	523.8	517.5	510.7	509.8	506.9	507.8
23.00	516.6	511.0	505.6	502.2	500.0	500.9
24.00	512.5	505.8	499.1	497.7	494.1	496.4
25.00	505.1	498.2	491.2	490.7	489.6	492.1
26.00	498.6	492.3	486.0	485.1	483.1	486.5
27.00	492.3	485.1	478.2	479.3	478.6	480.4
28.00	484.7	479.3	472.8	473.0	472.1	475.5
29.00	479.1	471.6	464.9	465.8	466.0	469.6
30.00	470.5	464.7	457.3	459.3	461.1	465.4
31.00	464.2	457.0	451.2	453.0	454.3	459.1
32.00	456.4	450.5	443.6	446.5	449.4	453.9
33.00	449.6	442.0	435.9	440.0	443.1	449.4
34.00	441.1	434.1	428.7	434.1	438.2	444.7
35.00	434.1	426.9	422.4	426.7	431.0	438.6
36.00	424.9	417.9	413.9	420.9	426.5	433.9
37.00	417.7	411.2	407.4	414.6	420.0	428.5
38.00	409.0	402.7	399.1	407.8	415.0	422.4
39.00	401.8	394.6	392.3	400.6	408.5	418.4
40.00	392.3	386.7	383.8	393.7	403.1	412.5
41.00	384.7	377.5	375.9	387.6	397.7	407.2
42.00	375.2	370.1	368.7	380.9	391.4	403.1
43.00	366.9	360.4	361.1	375.0	386.5	397.0
44.00	357.9	351.7	354.1	368.1	380.2	392.3
45.00	349.0	344.0	346.3	361.8	374.6	388.1
46.00	341.1	335.7	338.6	354.8	369.0	382.2
47.00	331.4	326.3	331.7	349.2	363.1	377.5
48.00	323.1	317.7	323.1	342.0	358.6	372.8
49.00	313.5	309.0	316.6	336.4	352.1	367.4
50.00	305.4	301.3	308.7	330.1	347.6	362.0
51.00	295.7	292.1	301.8	323.6	342.0	357.0
52.00	287.4	283.6	294.1	318.0	337.1	352.6
53.00	277.7	275.9	286.5	311.4	331.4	348.1
54.00	269.0	266.9	280.0	305.1	325.6	342.4

LEDVANCE Lighting Co.Ltd.

2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)

Intensity [cd] 2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)
/ C-Plane measurement

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
55.00	260.0	258.6	272.8	299.7	321.1	338.4
56.00	250.3	250.1	265.6	293.7	315.3	332.8
57.00	242.0	241.6	258.6	288.1	310.3	328.7
58.00	232.6	233.5	251.4	281.5	305.4	323.1
59.00	223.6	225.1	244.7	275.5	300.0	318.8
60.00	214.4	217.1	238.6	270.5	295.5	314.4
61.00	205.4	209.2	231.7	264.7	290.5	309.0
62.00	197.1	200.9	225.1	259.1	285.6	304.2
63.00	188.3	192.3	219.1	253.9	280.7	300.4
64.00	179.1	185.4	212.1	248.1	275.3	295.0
65.00	170.3	177.5	206.3	243.1	271.2	290.5
66.00	162.0	169.6	199.8	238.2	266.3	286.3
67.00	153.2	162.2	194.6	233.0	261.6	282.4
68.00	144.5	154.4	188.3	227.4	256.8	277.3
69.00	135.9	147.0	182.7	222.5	252.1	273.2
70.00	127.4	140.2	176.6	218.2	248.1	269.2
71.00	119.1	132.8	171.2	212.6	243.8	264.2
72.00	110.6	126.3	166.1	208.7	239.5	260.7
73.00	102.7	119.5	160.2	203.4	234.8	256.8
74.00	95.0	112.8	155.5	199.5	231.2	252.1
75.00	87.2	106.5	150.3	194.4	226.7	248.5
76.00	78.9	100.0	145.4	190.5	222.7	244.7
77.00	71.2	94.4	140.4	186.3	218.6	240.4
78.00	64.0	89.0	136.4	181.8	214.4	236.4
79.00	57.3	83.4	131.4	178.2	210.8	232.8
80.00	49.9	78.0	127.6	174.1	207.4	229.0
81.00	43.1	73.0	123.1	170.5	203.6	225.4
82.00	37.1	68.5	119.1	166.5	199.5	222.2
83.00	30.8	63.8	115.5	162.7	196.6	218.2
84.00	24.9	59.8	111.7	159.1	192.6	214.6
85.00	19.3	56.0	108.3	155.5	189.6	211.7
86.00	14.6	52.4	104.7	152.1	186.1	208.3
87.00	10.1	49.2	101.6	149.2	183.1	204.7
88.00	6.3	46.1	98.4	145.6	179.5	201.8
89.00	4.0	43.4	95.7	142.5	176.4	198.6
90.00	2.9	40.9	92.6	139.5	173.0	195.3
91.00	2.9	38.9	90.1	136.8	170.1	192.1
92.00	2.9	36.9	87.6	133.7	167.4	189.2
93.00	2.9	35.1	84.9	131.0	164.3	185.8
94.00	2.7	33.7	82.7	128.5	161.6	183.1
95.00	2.7	32.6	80.7	125.6	158.6	180.7
96.00	2.7	31.5	78.6	123.4	156.4	177.7
97.00	2.7	30.6	76.6	120.7	153.2	174.6

LEDVANCE Lighting Co.Ltd.

2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)

Intensity [cd] 2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)
/ C-Plane measurement

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
98.00	2.7	29.9	74.6	118.6	150.8	172.3
99.00	2.9	29.2	73.0	115.9	148.3	169.4
100.00	3.1	28.8	71.5	113.9	145.4	166.5
101.00	3.4	28.5	70.1	111.7	143.4	164.3
102.00	3.4	28.3	68.5	109.7	140.7	161.8
103.00	3.6	28.3	67.2	107.4	138.6	158.9
104.00	3.6	28.5	66.1	105.8	136.2	156.6
105.00	3.6	28.8	64.9	103.6	133.9	153.7
106.00	3.4	29.0	63.6	101.6	131.4	151.4
107.00	3.4	29.2	62.9	100.0	129.4	149.2
108.00	3.4	29.4	61.8	98.4	127.4	147.0
109.00	3.4	29.4	60.9	96.6	125.2	144.3
110.00	3.1	29.4	60.4	95.0	123.1	142.2
111.00	3.1	28.8	59.5	93.5	120.9	140.0
112.00	3.1	27.6	58.0	91.9	119.1	137.3
113.00	3.1	26.7	56.2	90.3	116.8	135.0
114.00	3.1	26.1	54.4	89.2	114.8	133.0
115.00	3.1	25.6	52.8	87.0	113.2	130.8
116.00	2.9	24.9	51.5	84.3	111.5	128.5
117.00	2.9	24.0	50.3	81.1	109.7	126.5
118.00	2.9	24.7	49.0	78.4	107.6	124.3
119.00	2.9	25.2	48.3	75.7	106.1	122.2
120.00	2.9	24.9	47.2	73.0	104.3	120.4
121.00	2.9	25.4	46.3	70.8	102.2	118.2
122.00	2.9	25.8	45.6	68.8	98.9	116.4
123.00	2.9	26.3	44.5	66.7	94.8	114.8
124.00	2.9	27.0	43.6	65.2	91.7	112.6
125.00	2.9	27.4	42.9	63.1	88.3	110.8
126.00	2.9	27.6	42.2	61.8	85.4	109.2
127.00	2.9	28.1	41.3	60.4	82.5	107.4
128.00	2.9	28.3	39.5	58.9	79.8	105.6
129.00	2.9	28.3	38.4	57.5	77.1	104.0
130.00	2.9	28.3	37.3	56.2	74.8	102.2
131.00	3.1	28.5	36.2	55.1	72.4	100.7
132.00	3.1	29.0	35.7	53.7	70.3	99.1
133.00	3.1	29.4	35.1	52.4	68.3	97.1
134.00	3.1	30.1	34.4	50.8	66.3	94.1
135.00	3.1	30.3	33.5	49.7	64.5	90.8
136.00	3.1	31.0	32.8	48.3	62.7	87.4
137.00	3.1	31.7	33.0	47.0	60.9	84.0
138.00	3.1	32.4	34.6	44.5	59.1	80.7
139.00	3.1	32.8	35.1	42.7	57.1	77.5
140.00	3.1	33.5	35.3	40.9	55.1	74.6

LEDVANCE Lighting Co.Ltd.

2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)

Intensity [cd] 2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)
/ C-Plane measurement

G/C [cd]	270.00	285.00	300.00	315.00	330.00	345.00
141.00	3.1	34.2	35.7	39.8	53.3	71.5
142.00	3.1	34.8	36.6	39.1	51.2	68.3
143.00	3.1	36.0	38.2	39.3	48.5	65.4
144.00	3.1	36.9	39.3	39.3	45.6	62.5
145.00	3.1	38.0	40.0	38.6	43.6	59.5
146.00	3.1	39.3	41.1	38.0	40.9	56.0
147.00	3.1	40.4	42.0	38.4	38.9	51.9
148.00	3.1	40.7	42.7	38.4	37.7	48.3
149.00	3.1	39.8	43.1	37.7	36.6	45.2
150.00	3.1	37.3	44.0	38.0	35.5	41.3
151.00	3.1	34.4	44.9	39.1	33.9	38.9
152.00	3.1	31.5	46.1	40.2	33.7	37.3
153.00	3.4	28.3	47.0	40.4	33.5	35.7
154.00	3.4	25.8	47.6	41.1	33.0	33.3
155.00	3.4	23.8	48.1	42.2	33.5	31.9
156.00	3.1	22.0	47.9	43.1	33.9	31.5
157.00	3.1	21.1	47.9	44.0	34.8	31.0
158.00	3.4	20.7	48.3	45.4	36.0	30.8
159.00	3.4	20.0	49.2	46.5	37.1	30.3
160.00	3.4	19.5	50.1	47.9	36.9	30.3
161.00	3.4	19.1	51.2	49.0	38.0	30.3
162.00	3.4	18.9	51.5	49.9	39.5	29.7
163.00	3.4	18.7	48.3	50.6	40.4	29.2
164.00	3.4	18.7	41.3	51.2	42.0	29.4
165.00	3.4	18.4	34.8	52.1	43.6	29.9
166.00	3.1	18.2	28.8	53.3	44.9	29.9
167.00	3.4	18.2	24.5	53.9	46.5	30.1
168.00	3.1	18.0	22.7	49.7	47.9	30.8
169.00	3.1	17.8	21.3	39.1	49.4	31.2
170.00	3.1	17.3	20.2	29.7	44.3	31.5
171.00	3.1	16.9	19.8	23.8	33.0	29.2
172.00	3.1	16.0	19.3	21.3	24.0	22.0
173.00	3.1	14.8	18.9	20.0	20.4	16.2
174.00	3.1	13.5	18.2	19.1	18.7	13.5
175.00	3.1	11.7	17.1	18.4	17.5	13.3
176.00	3.1	9.7	15.1	17.5	16.6	12.6
177.00	3.1	7.2	12.1	15.5	15.1	12.1
178.00	3.1	5.2	7.9	11.5	11.2	10.1
179.00	3.1	4.0	4.3	5.6	4.7	4.7
180.00	3.1	3.8	3.8	3.6	3.4	2.9

LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	T8/T5 C15 G5 180		
Name:	2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)		
Meas.-no.:	1		
Flux:	2830.22 lm		Operator: Thomas.liu
Comment:	UI=230.08V II=0.1085A WI=23.87W PF=0.9558		
Maximum intensity:	616.352 cd		

Zonal flux 2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling) / 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	207.9	209.8	208.7	0.00	0.00	0.00	0.00
1.0	206.8	210.3	208.6	0.57	0.57	0.02	0.02
2.0	206.0	211.9	208.7	1.70	2.26	0.06	0.08
3.0	205.2	212.1	208.6	2.82	5.08	0.10	0.18
4.0	204.0	213.5	208.2	3.95	9.03	0.14	0.32
5.0	203.3	213.5	208.2	5.07	14.10	0.18	0.50
6.0	202.9	214.8	207.9	6.19	20.29	0.22	0.72
7.0	200.8	214.8	207.4	7.30	27.59	0.26	0.97
8.0	200.5	215.9	207.0	8.39	35.98	0.30	1.27
9.0	198.6	216.5	206.3	9.48	45.46	0.34	1.61
10.0	197.9	216.6	205.7	10.55	56.02	0.37	1.98
11.0	195.5	216.9	204.8	11.61	67.63	0.41	2.39
12.0	193.7	217.1	204.0	12.65	80.28	0.45	2.84
13.0	192.3	217.4	203.1	13.67	93.95	0.48	3.32
14.0	191.6	217.3	202.2	14.68	108.63	0.52	3.84
15.0	189.0	217.0	200.9	15.66	124.30	0.55	4.39
16.0	187.4	217.8	200.1	16.63	140.93	0.59	4.98
17.0	186.2	216.9	198.7	17.58	158.51	0.62	5.60
18.0	184.1	217.0	197.5	18.49	176.99	0.65	6.25
19.0	182.4	217.8	196.2	19.38	196.38	0.68	6.94
20.0	180.9	217.6	194.8	20.25	216.63	0.72	7.65
21.0	178.8	216.6	193.2	21.09	237.72	0.75	8.40
22.0	177.0	217.2	192.0	21.91	259.62	0.77	9.17
23.0	175.5	216.3	190.3	22.70	282.32	0.80	9.98
24.0	173.3	216.5	188.8	23.46	305.78	0.83	10.80
25.0	171.3	215.5	186.9	24.18	329.96	0.85	11.66
26.0	169.0	215.9	185.4	24.87	354.83	0.88	12.54
27.0	167.1	214.4	183.6	25.55	380.38	0.90	13.44
28.0	164.7	214.8	181.8	26.19	406.56	0.93	14.37
29.0	162.8	213.4	179.9	26.78	433.35	0.95	15.31

LEDVANCE Lighting Co.Ltd.

2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)

Zonal flux 2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling) / 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	160.3	212.7	178.2	27.36	460.71	0.97	16.28
31.0	157.8	212.6	176.2	27.91	488.62	0.99	17.26
32.0	155.8	212.1	174.2	28.42	517.04	1.00	18.27
33.0	153.4	210.4	172.2	28.89	545.93	1.02	19.29
34.0	151.1	209.5	170.3	29.34	575.26	1.04	20.33
35.0	148.4	208.5	168.2	29.75	605.01	1.05	21.38
36.0	145.8	208.4	166.2	30.13	635.14	1.06	22.44
37.0	142.9	206.4	164.0	30.48	665.62	1.08	23.52
38.0	140.2	206.2	162.0	30.80	696.42	1.09	24.61
39.0	137.4	204.3	159.8	31.09	727.51	1.10	25.70
40.0	134.6	204.0	157.6	31.33	758.84	1.11	26.81
41.0	131.2	202.8	155.3	31.53	790.37	1.11	27.93
42.0	128.5	201.4	153.2	31.72	822.09	1.12	29.05
43.0	125.4	199.3	150.9	31.88	853.96	1.13	30.17
44.0	122.7	198.8	148.7	32.00	885.96	1.13	31.30
45.0	119.6	196.7	146.4	32.10	918.06	1.13	32.44
46.0	116.8	196.3	144.2	32.16	950.23	1.14	33.57
47.0	113.6	194.8	141.9	32.20	982.43	1.14	34.71
48.0	110.8	192.8	139.6	32.21	1014.63	1.14	35.85
49.0	107.6	191.9	137.3	32.18	1046.82	1.14	36.99
50.0	104.5	190.6	135.1	32.15	1078.96	1.14	38.12
51.0	101.7	188.6	132.8	32.08	1111.04	1.13	39.26
52.0	98.7	187.4	130.5	31.97	1143.01	1.13	40.39
53.0	95.8	186.3	128.3	31.85	1174.86	1.13	41.51
54.0	92.7	184.3	126.0	31.72	1206.58	1.12	42.63
55.0	90.0	183.3	123.8	31.56	1238.14	1.11	43.75
56.0	86.9	181.9	121.5	31.37	1269.51	1.11	44.86
57.0	83.9	180.1	119.2	31.15	1300.66	1.10	45.96
58.0	81.0	178.9	117.1	30.93	1331.58	1.09	47.05
59.0	78.0	177.4	114.9	30.69	1362.28	1.08	48.13
60.0	74.6	175.9	112.7	30.44	1392.71	1.08	49.21
61.0	71.6	174.7	110.5	30.15	1422.86	1.07	50.27
62.0	68.6	173.1	108.4	29.85	1452.71	1.05	51.33
63.0	65.3	172.0	106.3	29.55	1482.26	1.04	52.37
64.0	62.4	170.2	104.2	29.23	1511.49	1.03	53.41
65.0	59.1	168.9	102.1	28.88	1540.38	1.02	54.43
66.0	55.9	167.7	100.0	28.54	1568.91	1.01	55.43
67.0	53.0	166.2	98.0	28.19	1597.10	1.00	56.43
68.0	50.1	164.9	96.0	27.82	1624.92	0.98	57.41

LEDVANCE Lighting Co.Ltd.

2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)

Zonal flux 2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling) / 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	47.2	163.2	94.1	27.44	1652.36	0.97	58.38
70.0	44.1	161.7	92.1	27.06	1679.42	0.96	59.34
71.0	41.2	160.8	90.2	26.66	1706.08	0.94	60.28
72.0	38.3	159.0	88.3	26.26	1732.34	0.93	61.21
73.0	35.4	158.0	86.5	25.87	1758.21	0.91	62.12
74.0	32.6	156.2	84.7	25.46	1783.67	0.90	63.02
75.0	29.9	154.8	82.9	25.06	1808.73	0.89	63.91
76.0	27.2	153.4	81.1	24.64	1833.37	0.87	64.78
77.0	24.5	152.4	79.4	24.23	1857.60	0.86	65.63
78.0	21.9	150.7	77.7	23.81	1881.41	0.84	66.48
79.0	19.4	149.2	76.1	23.40	1904.81	0.83	67.30
80.0	17.1	147.9	74.6	22.99	1927.81	0.81	68.12
81.0	14.6	146.2	73.0	22.58	1950.39	0.80	68.91
82.0	12.4	144.7	71.5	22.18	1972.57	0.78	69.70
83.0	10.3	143.5	70.1	21.78	1994.35	0.77	70.47
84.0	8.3	141.9	68.6	21.38	2015.73	0.76	71.22
85.0	6.4	140.2	67.3	20.99	2036.72	0.74	71.96
86.0	4.7	138.9	66.0	20.62	2057.34	0.73	72.69
87.0	3.1	137.0	64.7	20.24	2077.58	0.72	73.41
88.0	2.0	135.4	63.5	19.87	2097.45	0.70	74.11
89.0	1.2	134.1	62.4	19.52	2116.97	0.69	74.80
90.0	1.0	132.6	61.3	19.19	2136.17	0.68	75.48
91.0	1.0	130.8	60.3	18.87	2155.04	0.67	76.14
92.0	1.0	129.6	59.4	18.56	2173.60	0.66	76.80
93.0	1.0	128.1	58.4	18.26	2191.86	0.65	77.44
94.0	1.0	126.3	57.5	17.95	2209.81	0.63	78.08
95.0	1.0	124.6	56.7	17.66	2227.48	0.62	78.70
96.0	1.0	123.1	55.8	17.37	2244.85	0.61	79.32
97.0	1.0	121.5	55.0	17.08	2261.93	0.60	79.92
98.0	0.9	119.9	54.1	16.79	2278.71	0.59	80.51
99.0	0.9	118.4	53.4	16.50	2295.21	0.58	81.10
100.0	1.0	116.8	52.7	16.23	2311.44	0.57	81.67
101.0	1.0	115.0	51.9	15.96	2327.40	0.56	82.23
102.0	1.0	113.2	51.2	15.67	2343.07	0.55	82.79
103.0	1.1	111.9	50.5	15.40	2358.47	0.54	83.33
104.0	1.2	110.1	49.8	15.13	2373.60	0.53	83.87
105.0	1.2	108.5	49.1	14.86	2388.47	0.53	84.39
106.0	1.2	107.0	48.5	14.59	2403.06	0.52	84.91
107.0	1.2	105.3	47.8	14.33	2417.39	0.51	85.41

LEDVANCE Lighting Co.Ltd.

2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)

Zonal flux 2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling) / 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	1.2	103.7	47.2	14.07	2431.45	0.50	85.91
109.0	1.1	102.3	46.6	13.80	2445.26	0.49	86.40
110.0	1.1	100.6	46.0	13.54	2458.80	0.48	86.88
111.0	1.1	98.8	45.3	13.27	2472.07	0.47	87.35
112.0	1.1	97.5	44.6	12.98	2485.05	0.46	87.80
113.0	1.1	95.9	43.9	12.69	2497.74	0.45	88.25
114.0	1.0	94.3	43.2	12.41	2510.15	0.44	88.69
115.0	1.0	92.7	42.6	12.12	2522.26	0.43	89.12
116.0	1.0	91.3	41.9	11.83	2534.09	0.42	89.54
117.0	1.0	89.7	41.2	11.55	2545.64	0.41	89.95
118.0	1.0	88.2	40.6	11.27	2556.91	0.40	90.34
119.0	1.0	86.9	40.0	11.00	2567.91	0.39	90.73
120.0	1.0	85.4	39.5	10.74	2578.65	0.38	91.11
121.0	1.0	83.9	38.9	10.47	2589.12	0.37	91.48
122.0	1.0	82.6	38.3	10.22	2599.34	0.36	91.84
123.0	1.0	81.1	37.7	9.95	2609.29	0.35	92.19
124.0	1.0	79.9	37.2	9.69	2618.99	0.34	92.54
125.0	1.0	78.5	36.6	9.44	2628.42	0.33	92.87
126.0	1.0	77.1	36.0	9.18	2637.60	0.32	93.19
127.0	1.0	75.8	35.5	8.92	2646.51	0.32	93.51
128.0	1.0	74.2	34.8	8.65	2655.17	0.31	93.82
129.0	1.0	73.3	34.2	8.39	2663.56	0.30	94.11
130.0	1.0	71.9	33.7	8.13	2671.69	0.29	94.40
131.0	1.0	70.7	33.1	7.88	2679.57	0.28	94.68
132.0	1.0	69.4	32.6	7.64	2687.21	0.27	94.95
133.0	1.0	68.1	32.1	7.41	2694.62	0.26	95.21
134.0	1.0	66.8	31.6	7.18	2701.80	0.25	95.46
135.0	1.0	65.8	31.1	6.95	2708.75	0.25	95.71
136.0	1.0	64.7	30.6	6.71	2715.46	0.24	95.95
137.0	1.0	63.6	30.0	6.47	2721.93	0.23	96.17
138.0	1.0	62.4	29.5	6.24	2728.17	0.22	96.39
139.0	1.0	61.3	28.9	6.00	2734.17	0.21	96.61
140.0	1.0	60.1	28.4	5.78	2739.95	0.20	96.81
141.0	1.0	59.1	27.9	5.56	2745.51	0.20	97.01
142.0	1.0	58.1	27.4	5.35	2750.85	0.19	97.20
143.0	1.0	56.9	26.9	5.14	2755.99	0.18	97.38
144.0	1.0	55.9	26.4	4.92	2760.92	0.17	97.55
145.0	1.1	54.6	25.8	4.71	2765.62	0.17	97.72
146.0	1.0	52.6	25.2	4.49	2770.11	0.16	97.88

LEDVANCE Lighting Co.Ltd.

2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)

Zonal flux 2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling) / 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	50.5	24.6	4.27	2774.38	0.15	98.03
148.0	1.1	48.3	24.0	4.05	2778.43	0.14	98.17
149.0	1.1	46.4	23.5	3.85	2782.28	0.14	98.31
150.0	1.1	44.8	22.9	3.65	2785.94	0.13	98.44
151.0	1.1	43.4	22.5	3.47	2789.40	0.12	98.56
152.0	1.1	42.2	22.0	3.29	2792.70	0.12	98.67
153.0	1.1	40.9	21.6	3.12	2795.82	0.11	98.78
154.0	1.1	40.0	21.2	2.96	2798.78	0.10	98.89
155.0	1.1	38.5	20.8	2.81	2801.59	0.10	98.99
156.0	1.1	37.5	20.5	2.66	2804.25	0.09	99.08
157.0	1.1	36.5	20.2	2.52	2806.77	0.09	99.17
158.0	1.1	35.7	19.7	2.37	2809.14	0.08	99.26
159.0	1.1	35.0	19.3	2.22	2811.36	0.08	99.33
160.0	1.1	34.1	18.9	2.08	2813.43	0.07	99.41
161.0	1.1	33.5	18.7	1.95	2815.38	0.07	99.48
162.0	1.1	32.8	18.5	1.83	2817.21	0.06	99.54
163.0	1.1	32.0	18.2	1.71	2818.92	0.06	99.60
164.0	1.1	31.4	17.8	1.59	2820.51	0.06	99.66
165.0	1.1	30.6	17.4	1.46	2821.97	0.05	99.71
166.0	1.1	29.8	17.0	1.34	2823.31	0.05	99.76
167.0	1.1	29.0	16.6	1.22	2824.52	0.04	99.80
168.0	1.1	28.5	16.0	1.09	2825.62	0.04	99.84
169.0	1.1	28.1	15.3	0.97	2826.59	0.03	99.87
170.0	1.1	26.4	14.4	0.84	2827.43	0.03	99.90
171.0	1.1	24.5	13.2	0.71	2828.14	0.02	99.93
172.0	1.1	23.4	12.0	0.58	2828.71	0.02	99.95
173.0	1.1	22.5	10.8	0.46	2829.18	0.02	99.96
174.0	1.1	21.4	9.8	0.36	2829.54	0.01	99.98
175.0	1.1	19.8	8.7	0.28	2829.81	0.01	99.99
176.0	1.1	17.4	7.4	0.20	2830.01	0.01	99.99
177.0	1.1	12.5	5.5	0.12	2830.13	0.00	100.00
178.0	1.1	7.1	3.4	0.06	2830.19	0.00	100.00
179.0	0.9	2.7	1.7	0.02	2830.21	0.00	100.00
180.0	0.8	1.3	1.2	0.00	2830.22	0.00	100.00

LEDVANCE Lighting Co.Ltd.

PHOTOMETRIC RESULTS

Program:	T8/T5 C15 G5 180		
Name:	2007821-Intensity LED T8 1.5m 24W/865 230V 50Hz-1#(huang,xiaoling)		
Meas.-no.:	1		
Flux:	2830.22 lm		Operator: Thomas.liu
Comment:	UI=230.08V II=0.1085A WI=23.87W PF=0.9558		
Maximum intensity:	616.352 cd		

Protocol

LiTG-class:	B31									
UTE-class:	0.75 H + 0.25 T									
IES-class:	38 - 65 - 85 - 75 - 100									
TM5-class:	BZ6									
Divergences in the plane through maximum intensity:										
						Horizontal		Vertical		
One half peak divergence:						102.0°		166.9°		
Half peak side angle (left):						-51.2°		-104.8°		
Half peak side angle (right):						50.8°		62.1°		
One tenth peak divergence:						157.2°		312.9°		
Tenth peak side angle (left):						-78.8°		-159.2°		
Tenth peak side angle (right):						78.4°		153.7°		
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°									