
Declare

1. The results of the testing relate only to the items that tested.
2. The validity of this test report is 12 months.
3. Test report is invalid without the “Special Seal of Test Report” or that of test unit on it.
4. Test report is invalid without the signature of the chief tester, examiner and approver.
5. Test report is invalid if randomly altered or duplicated .The consent and seal of this Center is required for any duplication.
6. For entrusted tests, this Center is only responsible for the delivered samples.
7. For any claim of the report, just refer to the testing unit in 15 days, in case it is not in the above limited time, the claim shall be dismissed.

Name	Sign tube	Brand	RAB
Application number	---	Model	T8-12-30P2S-865-DE-BYP
Applicant	RAB	Manufacturer	RAB
Address	/	Address	/
Sample size	1PCS	Sampler	---
Sample number	---	Sampling location	---
Receiving method	---	Sampling method	---
Test categories	---	Sampling date	---
Date of receipt	2020.07.23	Completion date	2020.09.25
Test standard	IES LM79-08	Test item	Goniometer and Integrating sphere
Test time	2020.07.23-2020.09.25		
Product description			
Name	Sign tube	Model	T8-12-30P2S-865-DE-BYP
Rated parameters	120V-277V	Product status	Intact
Factory	---	Address	---
Conclusion	<p>According to the request of the client;</p> <p>Integrating sphere detection is based on the measurement method of IES LM79-08 lighting source color.</p> <p>Test conclusion: N/A.</p>		

Approval by: Duke.Diao

Tested by: Ye Shi Jie

Test data

Integrating sphere test			
Test ambient temperature was <u>25.9</u> °C			
Base orientation was <u>Horizontal</u>			
The stabilization time of the sample was <u>60</u> minutes			
No.	Item	Data	Remark
1	Test voltage (V)	120.01	
2	Test current(A)	0.1046	
3	Test frequency (Hz)	59.97	
4	Power factor	0.9893	
5	Power(W)	12.41	
6	Total luminous flux(lm)	1592.4	
7	Light efficiency (LM / W)	128.27	
8	X	0.3053	
9	Y	0.3205	
10	CCT(K)	7015	
11	Ra	88	
12	R9	35	
13	RF	85	
14	Rg	94	
Remarks	See Annex 1 for detailed data		

Goniophotometer test

Test ambient temperature was 25.0 °C

The stabilization time of the sample was 60 minutes

Luminous data was taken at 1° vertical intervals and 15.0 ° horizontal intervals

No.	Item	Data	Remark
1	Test voltage (V)	120	
2	Test current(A)	0.104	
3	Test frequency (Hz)	60	
4	Power factor	0.986	
5	Power(W)	12.4	
6	Total luminous flux(lm)	1583.79	
7	Light efficiency (LM / W)	127.73	
8	Lamp efficiency(%)	100%	
9	Maximum light intensity (cd)	277.237	
10	Maximum beam angle (°)	39.8	
11	Lamp Classification (CIE)	Semidirect lighting	
Remarks	See Annex 2 for detailed data		

Annex 1

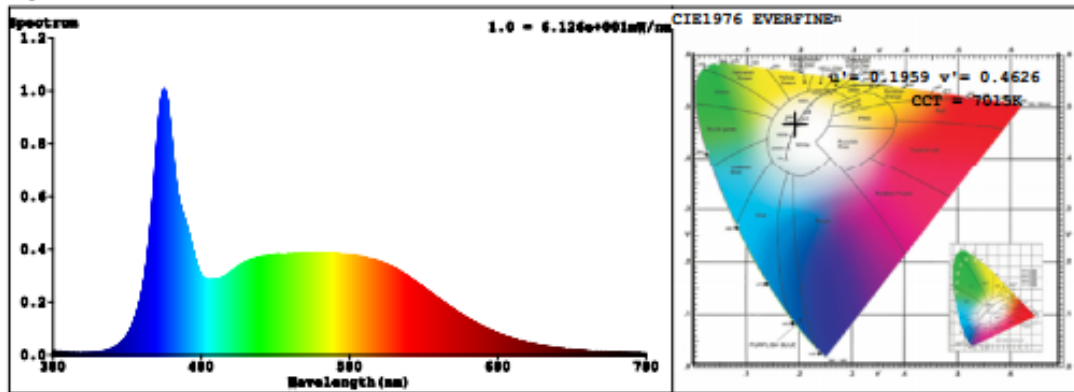
Spectrum Test Report

Sample	:	Date	: 2020-09-25 10:58:38
Specification	: RAB 2.5FT	Sam. Status	:
Sample No.	: RAB 2.5FT	Standard	:
Manufacturer	: RAB	Instrument	: HaasSuite(EVERFINE)
Assessor	: Pang Jun You	Test by	:
Remark	:		
Device SN	: HAAS-2000		

Test Condition

Temperature	: 25.9Deg	RH	: 59%
WL Range	: 380nm-780nm	IP	: 50389 (77%)
Test Mode	: Fast Test	T	: 126 ms
Sensitivity	: High		

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3053$ $y = 0.3205$ / $u' = 0.1959$ $v' = 0.4626$ ($duv=2.64e-03$)
CCT= 7015K Prcp WL: Ld=485.6nm Purity=10.5%
Peak WL: Lp=455nm FWHM: =23.1nm Ratio:R=13.9% G=79.1% B=7.1%
Render Index: Ra = 88.0 TM30:Rf=85 Rg=94

EEL: 0.10620 A++ Highest

R1 =88 R2 =96 R3 =95 R4 =84 R5 =87 R6 =90 R7 =88
R8 =76 R9 =35 R10=89 R11=85 R12=61 R13=92 R14=98 R15=85

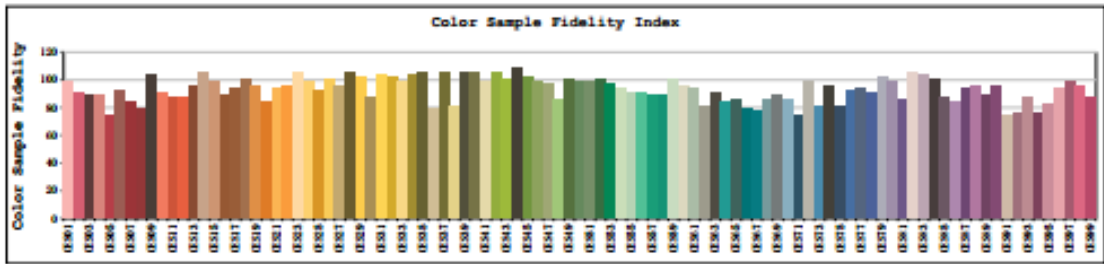
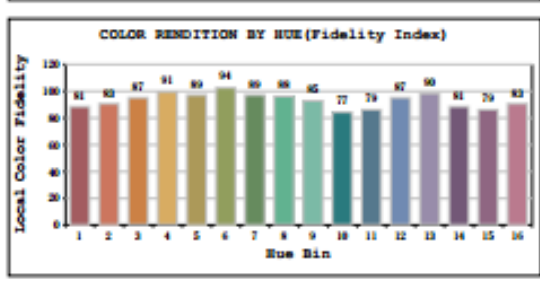
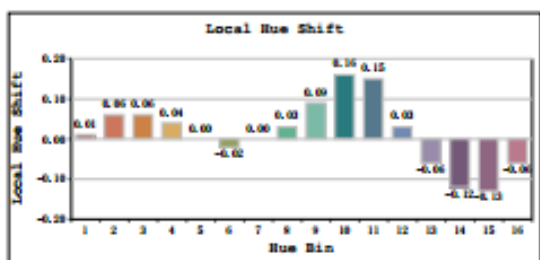
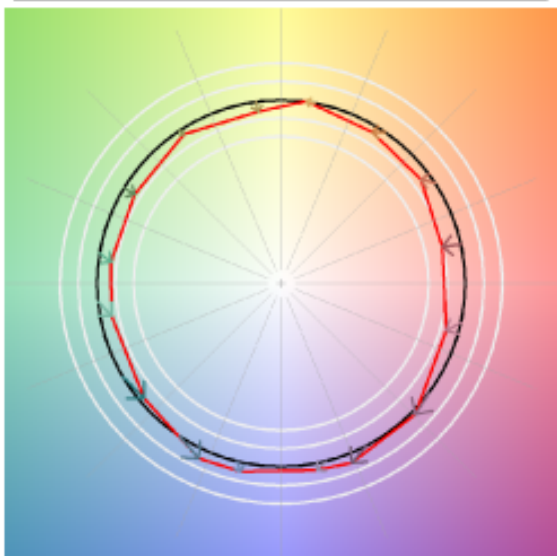
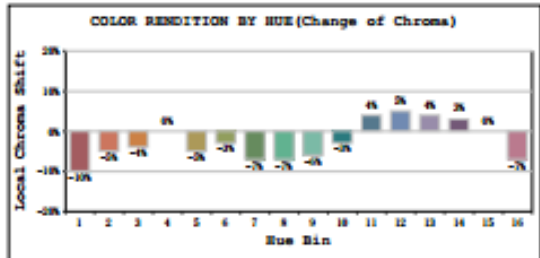
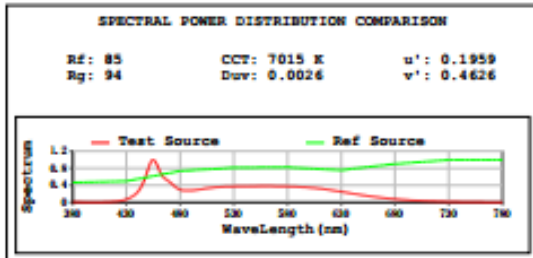
Photometric & Radiometric Parameters

Flux = 1592.4 lm Eff. : 128.27 lm/W Fe = 5.3882 W

Electrical parameters

V = 120.01 V I = 0.1046 A P = 12.41 W PF = 0.9893 F=59.97 Hz

TM30

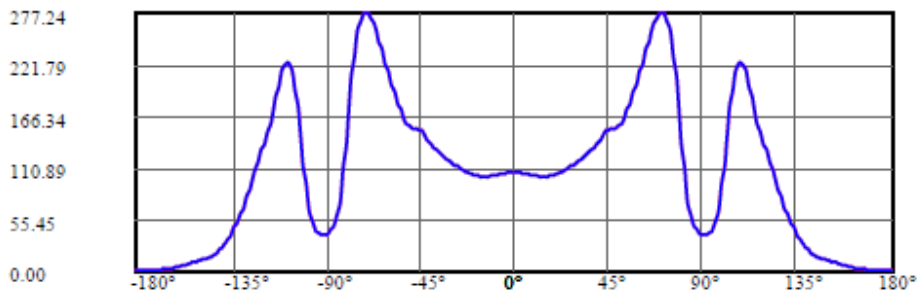
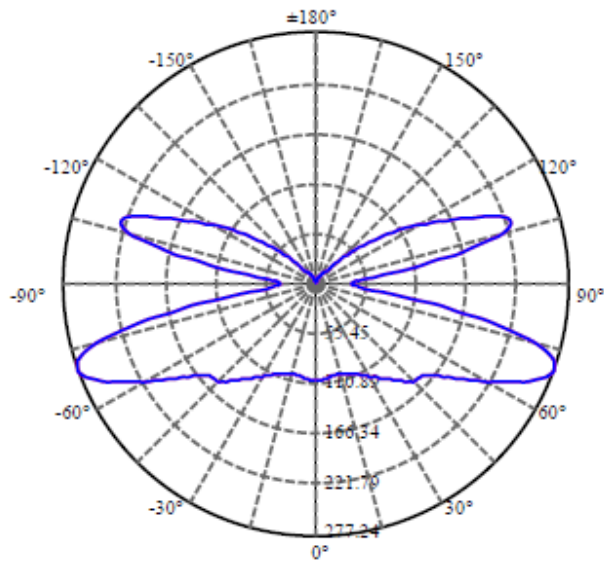


Annex 2

T8-12-30P2S-865-DE-BYP

Light Distribution Curve [Unit: cd]

Page: 2 Total:19



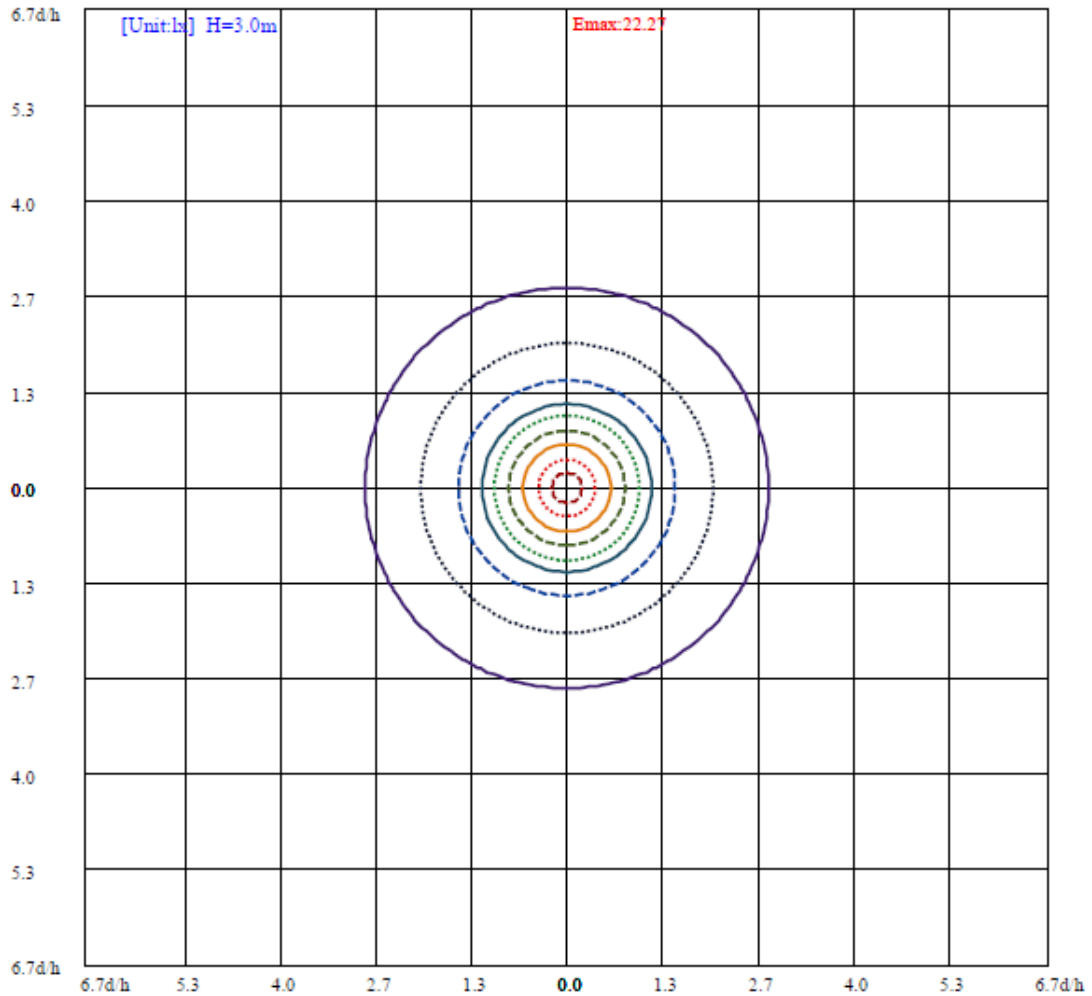
C0/C180: ————

C90/C270: ————

Equipment: GMS-1800B
Temperature(°C): 25

Date:
Humidity(%): 72%

Operator: Ye Shi Jie
Distance(m): 7.567



- (10%Emax) 2.227366
- (20%Emax) 4.454733
- (30%Emax) 6.682099
- (40%Emax) 8.909446
- (50%Emax) 11.13681
- (60%Emax) 13.36418
- (70%Emax) 15.59154
- (80%Emax) 17.81891
- (90%Emax) 20.04628

Equipment: GMS-1800B
Temperature(°C): 25

Date:
Humidity(%): 72%

Operator: Ye Shi Jie
Distance(m): 7.567

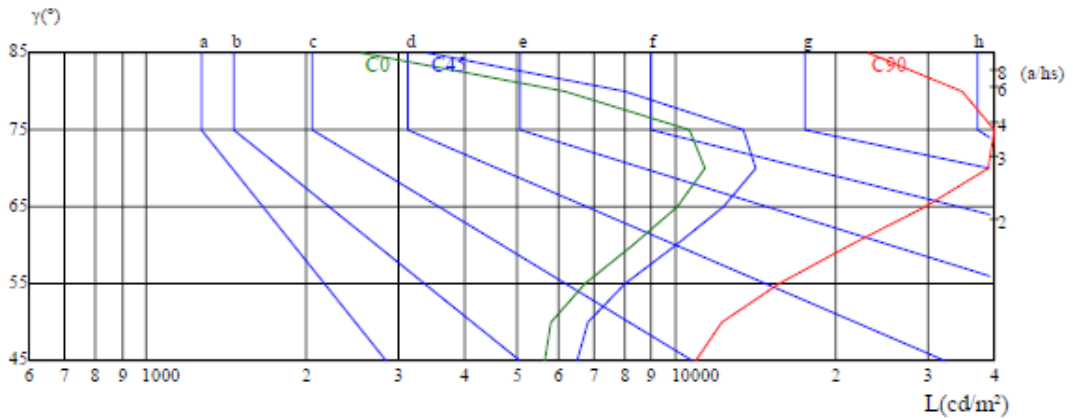
Luminance Table

γ	45	50	55	60	65	70	75	80	85
C0	5645	5811	6747	8262	10046	11354	10595	6164	2557
C45	6525	6809	8019	9965	12310	14153	13457	7998	3401
C90	10931	12257	15649	21357	29513	39032	44665	34672	23120

Glare Table

Glare	Quality	Service Values Illuminance(lx)							
		a	b	c	d	e	f	g	h
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300

Luminance Limiting Curve



Equipment: GMS-1800B
Temperature(°C): 25

Date:
Humidity(%): 72%

Operator: Ye Shi Jie
Distance(m): 7.567

Illuminatin assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions:		Viewed crosswise					Viewed endwise				
X	Y										
2H	2H	17.5	18.6	18.2	19.4	20.4	16.6	17.8	17.3	18.5	19.5
	3H	22.0	23.1	22.8	23.9	24.9	20.6	21.6	21.4	22.4	23.4
	4H	23.7	24.6	24.5	25.4	26.5	21.9	22.8	22.7	23.6	24.7
	6H	24.9	25.8	25.7	26.6	27.6	22.8	23.6	23.6	24.5	25.5
	8H	25.1	26.0	26.0	26.9	27.9	22.9	23.8	23.7	24.6	25.7
	12H	25.0	25.6	25.8	26.5	27.6	22.7	23.3	23.5	24.2	25.3
4H	2H	18.5	19.3	19.3	20.2	21.2	17.9	18.8	18.7	19.6	20.7
	3H	22.9	23.5	23.7	24.4	25.5	21.7	22.4	22.6	23.3	24.4
	4H	24.9	25.5	25.7	26.4	27.5	23.4	24.0	24.2	24.9	26.0
	6H	26.1	26.7	26.9	27.6	28.7	24.2	24.9	25.1	25.8	26.9
	8H	26.1	26.5	27.0	27.4	28.6	24.1	24.5	25.0	25.4	26.6
	12H	26.2	26.6	27.2	27.6	28.7	24.2	24.6	25.1	25.5	26.7
8H	4H	25.1	25.5	26.0	26.4	27.6	23.8	24.2	24.7	25.2	26.3
	6H	26.4	26.7	27.3	27.7	28.8	24.8	25.2	25.7	26.1	27.3
	8H	26.7	27.1	27.6	28.0	29.2	25.0	25.4	25.9	26.3	27.5
	12H	26.9	27.3	27.8	28.2	29.4	25.1	25.5	26.0	26.4	27.6
12H	4H	25.1	25.5	26.1	26.5	27.6	23.9	24.3	24.8	25.2	26.4
	6H	26.4	26.8	27.3	27.7	28.9	24.9	25.3	25.8	26.2	27.4
	8H	26.7	27.1	27.7	28.1	29.2	25.1	25.5	26.0	26.4	27.6
Variation with the observer position at spacings:											
S = 1.0H		0.2/-1.2					0.2/-1.0				
S = 1.5H		0.5/-0.6					0.5/-0.5				
S = 2.0H		0.6/-0.4					0.7/-0.4				
Standard tables:		BKBF					BKBF				
Uncorrected UGR		10.6					9.1				
According 1000lm											

RHOC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFICIENTS OF UTILIZATION RHOF=20 CU															
0	1.10	1.10	1.10	1.04	1.04	1.04	0.91	0.91	0.91	0.80	0.80	0.80	0.69	0.69	0.69	0.64
1	0.90	0.85	0.80	0.85	0.80	0.75	0.74	0.70	0.66	0.64	0.61	0.58	0.54	0.52	0.50	0.45
2	0.75	0.66	0.59	0.70	0.62	0.56	0.60	0.54	0.49	0.52	0.47	0.43	0.43	0.40	0.36	0.32
3	0.63	0.54	0.46	0.59	0.50	0.43	0.51	0.44	0.38	0.43	0.37	0.33	0.36	0.31	0.28	0.24
4	0.54	0.44	0.37	0.51	0.41	0.34	0.43	0.36	0.30	0.37	0.31	0.26	0.31	0.26	0.22	0.18
5	0.47	0.37	0.30	0.44	0.35	0.28	0.38	0.30	0.25	0.32	0.26	0.21	0.27	0.22	0.18	0.14
6	0.42	0.32	0.25	0.39	0.30	0.24	0.33	0.26	0.20	0.28	0.22	0.17	0.24	0.18	0.15	0.12
7	0.37	0.28	0.21	0.35	0.26	0.20	0.30	0.23	0.17	0.25	0.19	0.15	0.21	0.16	0.12	0.10
8	0.34	0.25	0.18	0.31	0.23	0.17	0.27	0.20	0.15	0.23	0.17	0.13	0.19	0.14	0.11	0.08
9	0.30	0.22	0.16	0.28	0.20	0.15	0.25	0.18	0.13	0.21	0.15	0.11	0.18	0.13	0.09	0.07
10	0.28	0.20	0.14	0.26	0.18	0.13	0.23	0.16	0.12	0.19	0.14	0.10	0.16	0.12	0.08	0.06

Equipment: GMS-1800B
 Temperature(°C): 25

Date:
 Humidity(%): 72%

Operator: Ye Shi Jie
 Distance(m): 7.567

T8-12-30P2S-865-DE-BYP

Intensity data(cd)										Page: 9	Total:19
C/H(°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0		
0.0	106.69	106.71	106.55	106.12	105.74	105.45	104.89	104.31	103.93		
15.0	106.69	106.71	106.55	106.12	105.74	105.45	104.89	104.31	103.93		
30.0	106.69	106.71	106.55	106.12	105.74	105.45	104.89	104.31	103.93		
45.0	106.69	106.71	106.55	106.12	105.74	105.45	104.89	104.31	103.93		
60.0	106.69	106.71	106.55	106.12	105.74	105.45	104.89	104.31	103.93		
75.0	106.69	106.71	106.55	106.12	105.74	105.45	104.89	104.31	103.93		
90.0	106.69	106.71	106.55	106.12	105.74	105.45	104.89	104.31	103.93		
105.0	106.69	106.71	106.55	106.12	105.74	105.45	104.89	104.31	103.93		
120.0	106.69	106.71	106.55	106.12	105.74	105.45	104.89	104.31	103.93		
135.0	106.69	106.71	106.55	106.12	105.74	105.45	104.89	104.31	103.93		
150.0	106.69	106.71	106.55	106.12	105.74	105.45	104.89	104.31	103.93		
165.0	106.69	106.71	106.55	106.12	105.74	105.45	104.89	104.31	103.93		
180.0	106.69	106.71	106.55	106.12	105.74	105.45	104.89	104.31	103.93		
195.0	106.69	106.71	106.55	106.12	105.74	105.45	104.89	104.31	103.93		
210.0	106.69	106.71	106.55	106.12	105.74	105.45	104.89	104.31	103.93		
225.0	106.69	106.71	106.55	106.12	105.74	105.45	104.89	104.31	103.93		
240.0	106.69	106.71	106.55	106.12	105.74	105.45	104.89	104.31	103.93		
255.0	106.69	106.71	106.55	106.12	105.74	105.45	104.89	104.31	103.93		
270.0	106.69	106.71	106.55	106.12	105.74	105.45	104.89	104.31	103.93		
285.0	106.69	106.71	106.55	106.12	105.74	105.45	104.89	104.31	103.93		
300.0	106.69	106.71	106.55	106.12	105.74	105.45	104.89	104.31	103.93		
315.0	106.69	106.71	106.55	106.12	105.74	105.45	104.89	104.31	103.93		
330.0	106.69	106.71	106.55	106.12	105.74	105.45	104.89	104.31	103.93		
345.0	106.69	106.71	106.55	106.12	105.74	105.45	104.89	104.31	103.93		
360.0	106.69	106.71	106.55	106.12	105.74	105.45	104.89	104.31	103.93		
C/H(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0		
0.0	103.45	102.91	102.68	102.45	102.17	102.23	102.27	102.40	102.73		
15.0	103.45	102.91	102.68	102.45	102.17	102.23	102.27	102.40	102.73		
30.0	103.45	102.91	102.68	102.45	102.17	102.23	102.27	102.40	102.73		
45.0	103.45	102.91	102.68	102.45	102.17	102.23	102.27	102.40	102.73		
60.0	103.45	102.91	102.68	102.45	102.17	102.23	102.27	102.40	102.73		
75.0	103.45	102.91	102.68	102.45	102.17	102.23	102.27	102.40	102.73		
90.0	103.45	102.91	102.68	102.45	102.17	102.23	102.27	102.40	102.73		
105.0	103.45	102.91	102.68	102.45	102.17	102.23	102.27	102.40	102.73		
120.0	103.45	102.91	102.68	102.45	102.17	102.23	102.27	102.40	102.73		
135.0	103.45	102.91	102.68	102.45	102.17	102.23	102.27	102.40	102.73		
150.0	103.45	102.91	102.68	102.45	102.17	102.23	102.27	102.40	102.73		
165.0	103.45	102.91	102.68	102.45	102.17	102.23	102.27	102.40	102.73		
180.0	103.45	102.91	102.68	102.45	102.17	102.23	102.27	102.40	102.73		
195.0	103.45	102.91	102.68	102.45	102.17	102.23	102.27	102.40	102.73		
210.0	103.45	102.91	102.68	102.45	102.17	102.23	102.27	102.40	102.73		
225.0	103.45	102.91	102.68	102.45	102.17	102.23	102.27	102.40	102.73		
240.0	103.45	102.91	102.68	102.45	102.17	102.23	102.27	102.40	102.73		
255.0	103.45	102.91	102.68	102.45	102.17	102.23	102.27	102.40	102.73		
270.0	103.45	102.91	102.68	102.45	102.17	102.23	102.27	102.40	102.73		
285.0	103.45	102.91	102.68	102.45	102.17	102.23	102.27	102.40	102.73		
300.0	103.45	102.91	102.68	102.45	102.17	102.23	102.27	102.40	102.73		
315.0	103.45	102.91	102.68	102.45	102.17	102.23	102.27	102.40	102.73		
330.0	103.45	102.91	102.68	102.45	102.17	102.23	102.27	102.40	102.73		
345.0	103.45	102.91	102.68	102.45	102.17	102.23	102.27	102.40	102.73		
360.0	103.45	102.91	102.68	102.45	102.17	102.23	102.27	102.40	102.73		

Equipment: GMS-1800B
 Temperature(°C): 25

Date:
 Humidity(%): 72%

Operator: Ye Shi Jie
 Distance(m): 7.567

T8-12-30P2S-865-DE-BYP

Intensity data(cd)										Page: 10 Total:19
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0	
0.0	103.34	103.82	104.46	105.40	106.42	107.45	108.74	109.97	111.26	
15.0	103.34	103.82	104.46	105.40	106.42	107.45	108.74	109.97	111.26	
30.0	103.34	103.82	104.46	105.40	106.42	107.45	108.74	109.97	111.26	
45.0	103.34	103.82	104.46	105.40	106.42	107.45	108.74	109.97	111.26	
60.0	103.34	103.82	104.46	105.40	106.42	107.45	108.74	109.97	111.26	
75.0	103.34	103.82	104.46	105.40	106.42	107.45	108.74	109.97	111.26	
90.0	103.34	103.82	104.46	105.40	106.42	107.45	108.74	109.97	111.26	
105.0	103.34	103.82	104.46	105.40	106.42	107.45	108.74	109.97	111.26	
120.0	103.34	103.82	104.46	105.40	106.42	107.45	108.74	109.97	111.26	
135.0	103.34	103.82	104.46	105.40	106.42	107.45	108.74	109.97	111.26	
150.0	103.34	103.82	104.46	105.40	106.42	107.45	108.74	109.97	111.26	
165.0	103.34	103.82	104.46	105.40	106.42	107.45	108.74	109.97	111.26	
180.0	103.34	103.82	104.46	105.40	106.42	107.45	108.74	109.97	111.26	
195.0	103.34	103.82	104.46	105.40	106.42	107.45	108.74	109.97	111.26	
210.0	103.34	103.82	104.46	105.40	106.42	107.45	108.74	109.97	111.26	
225.0	103.34	103.82	104.46	105.40	106.42	107.45	108.74	109.97	111.26	
240.0	103.34	103.82	104.46	105.40	106.42	107.45	108.74	109.97	111.26	
255.0	103.34	103.82	104.46	105.40	106.42	107.45	108.74	109.97	111.26	
270.0	103.34	103.82	104.46	105.40	106.42	107.45	108.74	109.97	111.26	
285.0	103.34	103.82	104.46	105.40	106.42	107.45	108.74	109.97	111.26	
300.0	103.34	103.82	104.46	105.40	106.42	107.45	108.74	109.97	111.26	
315.0	103.34	103.82	104.46	105.40	106.42	107.45	108.74	109.97	111.26	
330.0	103.34	103.82	104.46	105.40	106.42	107.45	108.74	109.97	111.26	
345.0	103.34	103.82	104.46	105.40	106.42	107.45	108.74	109.97	111.26	
360.0	103.34	103.82	104.46	105.40	106.42	107.45	108.74	109.97	111.26	
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0	
0.0	112.83	114.48	115.91	117.59	119.42	121.14	122.81	124.77	126.66	
15.0	112.83	114.48	115.91	117.59	119.42	121.14	122.81	124.77	126.66	
30.0	112.83	114.48	115.91	117.59	119.42	121.14	122.81	124.77	126.66	
45.0	112.83	114.48	115.91	117.59	119.42	121.14	122.81	124.77	126.66	
60.0	112.83	114.48	115.91	117.59	119.42	121.14	122.81	124.77	126.66	
75.0	112.83	114.48	115.91	117.59	119.42	121.14	122.81	124.77	126.66	
90.0	112.83	114.48	115.91	117.59	119.42	121.14	122.81	124.77	126.66	
105.0	112.83	114.48	115.91	117.59	119.42	121.14	122.81	124.77	126.66	
120.0	112.83	114.48	115.91	117.59	119.42	121.14	122.81	124.77	126.66	
135.0	112.83	114.48	115.91	117.59	119.42	121.14	122.81	124.77	126.66	
150.0	112.83	114.48	115.91	117.59	119.42	121.14	122.81	124.77	126.66	
165.0	112.83	114.48	115.91	117.59	119.42	121.14	122.81	124.77	126.66	
180.0	112.83	114.48	115.91	117.59	119.42	121.14	122.81	124.77	126.66	
195.0	112.83	114.48	115.91	117.59	119.42	121.14	122.81	124.77	126.66	
210.0	112.83	114.48	115.91	117.59	119.42	121.14	122.81	124.77	126.66	
225.0	112.83	114.48	115.91	117.59	119.42	121.14	122.81	124.77	126.66	
240.0	112.83	114.48	115.91	117.59	119.42	121.14	122.81	124.77	126.66	
255.0	112.83	114.48	115.91	117.59	119.42	121.14	122.81	124.77	126.66	
270.0	112.83	114.48	115.91	117.59	119.42	121.14	122.81	124.77	126.66	
285.0	112.83	114.48	115.91	117.59	119.42	121.14	122.81	124.77	126.66	
300.0	112.83	114.48	115.91	117.59	119.42	121.14	122.81	124.77	126.66	
315.0	112.83	114.48	115.91	117.59	119.42	121.14	122.81	124.77	126.66	
330.0	112.83	114.48	115.91	117.59	119.42	121.14	122.81	124.77	126.66	
345.0	112.83	114.48	115.91	117.59	119.42	121.14	122.81	124.77	126.66	
360.0	112.83	114.48	115.91	117.59	119.42	121.14	122.81	124.77	126.66	

Equipment: GMS-1800B
 Temperature(°C): 25

Date:
 Humidity(%): 72%

Operator: Ye Shi Jie
 Distance(m): 7.567

T8-12-30P2S-865-DE-BYP

Intensity data(cd)										Page: 11 Total:19
C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0	
0.0	128.65	130.79	133.06	135.47	138.19	141.42	144.62	147.90	150.68	
15.0	128.65	130.79	133.06	135.47	138.19	141.42	144.62	147.90	150.68	
30.0	128.65	130.79	133.06	135.47	138.19	141.42	144.62	147.90	150.68	
45.0	128.65	130.79	133.06	135.47	138.19	141.42	144.62	147.90	150.68	
60.0	128.65	130.79	133.06	135.47	138.19	141.42	144.62	147.90	150.68	
75.0	128.65	130.79	133.06	135.47	138.19	141.42	144.62	147.90	150.68	
90.0	128.65	130.79	133.06	135.47	138.19	141.42	144.62	147.90	150.68	
105.0	128.65	130.79	133.06	135.47	138.19	141.42	144.62	147.90	150.68	
120.0	128.65	130.79	133.06	135.47	138.19	141.42	144.62	147.90	150.68	
135.0	128.65	130.79	133.06	135.47	138.19	141.42	144.62	147.90	150.68	
150.0	128.65	130.79	133.06	135.47	138.19	141.42	144.62	147.90	150.68	
165.0	128.65	130.79	133.06	135.47	138.19	141.42	144.62	147.90	150.68	
180.0	128.65	130.79	133.06	135.47	138.19	141.42	144.62	147.90	150.68	
195.0	128.65	130.79	133.06	135.47	138.19	141.42	144.62	147.90	150.68	
210.0	128.65	130.79	133.06	135.47	138.19	141.42	144.62	147.90	150.68	
225.0	128.65	130.79	133.06	135.47	138.19	141.42	144.62	147.90	150.68	
240.0	128.65	130.79	133.06	135.47	138.19	141.42	144.62	147.90	150.68	
255.0	128.65	130.79	133.06	135.47	138.19	141.42	144.62	147.90	150.68	
270.0	128.65	130.79	133.06	135.47	138.19	141.42	144.62	147.90	150.68	
285.0	128.65	130.79	133.06	135.47	138.19	141.42	144.62	147.90	150.68	
300.0	128.65	130.79	133.06	135.47	138.19	141.42	144.62	147.90	150.68	
315.0	128.65	130.79	133.06	135.47	138.19	141.42	144.62	147.90	150.68	
330.0	128.65	130.79	133.06	135.47	138.19	141.42	144.62	147.90	150.68	
345.0	128.65	130.79	133.06	135.47	138.19	141.42	144.62	147.90	150.68	
360.0	128.65	130.79	133.06	135.47	138.19	141.42	144.62	147.90	150.68	
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0	
0.0	152.08	152.63	153.17	153.72	154.32	155.95	158.85	162.52	167.52	
15.0	152.08	152.63	153.17	153.72	154.32	155.95	158.85	162.52	167.52	
30.0	152.08	152.63	153.17	153.72	154.32	155.95	158.85	162.52	167.52	
45.0	152.08	152.63	153.17	153.72	154.32	155.95	158.85	162.52	167.52	
60.0	152.08	152.63	153.17	153.72	154.32	155.95	158.85	162.52	167.52	
75.0	152.08	152.63	153.17	153.72	154.32	155.95	158.85	162.52	167.52	
90.0	152.08	152.63	153.17	153.72	154.32	155.95	158.85	162.52	167.52	
105.0	152.08	152.63	153.17	153.72	154.32	155.95	158.85	162.52	167.52	
120.0	152.08	152.63	153.17	153.72	154.32	155.95	158.85	162.52	167.52	
135.0	152.08	152.63	153.17	153.72	154.32	155.95	158.85	162.52	167.52	
150.0	152.08	152.63	153.17	153.72	154.32	155.95	158.85	162.52	167.52	
165.0	152.08	152.63	153.17	153.72	154.32	155.95	158.85	162.52	167.52	
180.0	152.08	152.63	153.17	153.72	154.32	155.95	158.85	162.52	167.52	
195.0	152.08	152.63	153.17	153.72	154.32	155.95	158.85	162.52	167.52	
210.0	152.08	152.63	153.17	153.72	154.32	155.95	158.85	162.52	167.52	
225.0	152.08	152.63	153.17	153.72	154.32	155.95	158.85	162.52	167.52	
240.0	152.08	152.63	153.17	153.72	154.32	155.95	158.85	162.52	167.52	
255.0	152.08	152.63	153.17	153.72	154.32	155.95	158.85	162.52	167.52	
270.0	152.08	152.63	153.17	153.72	154.32	155.95	158.85	162.52	167.52	
285.0	152.08	152.63	153.17	153.72	154.32	155.95	158.85	162.52	167.52	
300.0	152.08	152.63	153.17	153.72	154.32	155.95	158.85	162.52	167.52	
315.0	152.08	152.63	153.17	153.72	154.32	155.95	158.85	162.52	167.52	
330.0	152.08	152.63	153.17	153.72	154.32	155.95	158.85	162.52	167.52	
345.0	152.08	152.63	153.17	153.72	154.32	155.95	158.85	162.52	167.52	
360.0	152.08	152.63	153.17	153.72	154.32	155.95	158.85	162.52	167.52	

Equipment: GMS-1800B
 Temperature(°C): 25

Date:
 Humidity(%): 72%

Operator: Ye Shi Jie
 Distance(m): 7.567

T8-12-30P2S-865-DE-BYP

Page: 12 Total:19

Intensity data(cd)

C/r(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	173.11	179.00	185.25	192.14	199.54	206.81	214.99	222.83	230.80
15.0	173.11	179.00	185.25	192.14	199.54	206.81	214.99	222.83	230.80
30.0	173.11	179.00	185.25	192.14	199.54	206.81	214.99	222.83	230.80
45.0	173.11	179.00	185.25	192.14	199.54	206.81	214.99	222.83	230.80
60.0	173.11	179.00	185.25	192.14	199.54	206.81	214.99	222.83	230.80
75.0	173.11	179.00	185.25	192.14	199.54	206.81	214.99	222.83	230.80
90.0	173.11	179.00	185.25	192.14	199.54	206.81	214.99	222.83	230.80
105.0	173.11	179.00	185.25	192.14	199.54	206.81	214.99	222.83	230.80
120.0	173.11	179.00	185.25	192.14	199.54	206.81	214.99	222.83	230.80
135.0	173.11	179.00	185.25	192.14	199.54	206.81	214.99	222.83	230.80
150.0	173.11	179.00	185.25	192.14	199.54	206.81	214.99	222.83	230.80
165.0	173.11	179.00	185.25	192.14	199.54	206.81	214.99	222.83	230.80
180.0	173.11	179.00	185.25	192.14	199.54	206.81	214.99	222.83	230.80
195.0	173.11	179.00	185.25	192.14	199.54	206.81	214.99	222.83	230.80
210.0	173.11	179.00	185.25	192.14	199.54	206.81	214.99	222.83	230.80
225.0	173.11	179.00	185.25	192.14	199.54	206.81	214.99	222.83	230.80
240.0	173.11	179.00	185.25	192.14	199.54	206.81	214.99	222.83	230.80
255.0	173.11	179.00	185.25	192.14	199.54	206.81	214.99	222.83	230.80
270.0	173.11	179.00	185.25	192.14	199.54	206.81	214.99	222.83	230.80
285.0	173.11	179.00	185.25	192.14	199.54	206.81	214.99	222.83	230.80
300.0	173.11	179.00	185.25	192.14	199.54	206.81	214.99	222.83	230.80
315.0	173.11	179.00	185.25	192.14	199.54	206.81	214.99	222.83	230.80
330.0	173.11	179.00	185.25	192.14	199.54	206.81	214.99	222.83	230.80
345.0	173.11	179.00	185.25	192.14	199.54	206.81	214.99	222.83	230.80
360.0	173.11	179.00	185.25	192.14	199.54	206.81	214.99	222.83	230.80

C/r(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	238.89	246.97	254.32	261.00	267.40	272.28	275.55	277.24	277.14
15.0	238.89	246.97	254.32	261.00	267.40	272.28	275.55	277.24	277.14
30.0	238.89	246.97	254.32	261.00	267.40	272.28	275.55	277.24	277.14
45.0	238.89	246.97	254.32	261.00	267.40	272.28	275.55	277.24	277.14
60.0	238.89	246.97	254.32	261.00	267.40	272.28	275.55	277.24	277.14
75.0	238.89	246.97	254.32	261.00	267.40	272.28	275.55	277.24	277.14
90.0	238.89	246.97	254.32	261.00	267.40	272.28	275.55	277.24	277.14
105.0	238.89	246.97	254.32	261.00	267.40	272.28	275.55	277.24	277.14
120.0	238.89	246.97	254.32	261.00	267.40	272.28	275.55	277.24	277.14
135.0	238.89	246.97	254.32	261.00	267.40	272.28	275.55	277.24	277.14
150.0	238.89	246.97	254.32	261.00	267.40	272.28	275.55	277.24	277.14
165.0	238.89	246.97	254.32	261.00	267.40	272.28	275.55	277.24	277.14
180.0	238.89	246.97	254.32	261.00	267.40	272.28	275.55	277.24	277.14
195.0	238.89	246.97	254.32	261.00	267.40	272.28	275.55	277.24	277.14
210.0	238.89	246.97	254.32	261.00	267.40	272.28	275.55	277.24	277.14
225.0	238.89	246.97	254.32	261.00	267.40	272.28	275.55	277.24	277.14
240.0	238.89	246.97	254.32	261.00	267.40	272.28	275.55	277.24	277.14
255.0	238.89	246.97	254.32	261.00	267.40	272.28	275.55	277.24	277.14
270.0	238.89	246.97	254.32	261.00	267.40	272.28	275.55	277.24	277.14
285.0	238.89	246.97	254.32	261.00	267.40	272.28	275.55	277.24	277.14
300.0	238.89	246.97	254.32	261.00	267.40	272.28	275.55	277.24	277.14
315.0	238.89	246.97	254.32	261.00	267.40	272.28	275.55	277.24	277.14
330.0	238.89	246.97	254.32	261.00	267.40	272.28	275.55	277.24	277.14
345.0	238.89	246.97	254.32	261.00	267.40	272.28	275.55	277.24	277.14
360.0	238.89	246.97	254.32	261.00	267.40	272.28	275.55	277.24	277.14

Equipment: GMS-1800B
 Temperature(°C): 25

Date:
 Humidity(%): 72%

Operator: Ye Shi Jie
 Distance(m): 7.567

T8-12-30P2S-865-DE-BYP

Intensity data(cd)										Page: 13 Total:19
C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0	
0.0	274.51	269.10	260.49	247.19	230.82	210.63	187.32	162.41	136.03	
15.0	274.51	269.10	260.49	247.19	230.82	210.63	187.32	162.41	136.03	
30.0	274.51	269.10	260.49	247.19	230.82	210.63	187.32	162.41	136.03	
45.0	274.51	269.10	260.49	247.19	230.82	210.63	187.32	162.41	136.03	
60.0	274.51	269.10	260.49	247.19	230.82	210.63	187.32	162.41	136.03	
75.0	274.51	269.10	260.49	247.19	230.82	210.63	187.32	162.41	136.03	
90.0	274.51	269.10	260.49	247.19	230.82	210.63	187.32	162.41	136.03	
105.0	274.51	269.10	260.49	247.19	230.82	210.63	187.32	162.41	136.03	
120.0	274.51	269.10	260.49	247.19	230.82	210.63	187.32	162.41	136.03	
135.0	274.51	269.10	260.49	247.19	230.82	210.63	187.32	162.41	136.03	
150.0	274.51	269.10	260.49	247.19	230.82	210.63	187.32	162.41	136.03	
165.0	274.51	269.10	260.49	247.19	230.82	210.63	187.32	162.41	136.03	
180.0	274.51	269.10	260.49	247.19	230.82	210.63	187.32	162.41	136.03	
195.0	274.51	269.10	260.49	247.19	230.82	210.63	187.32	162.41	136.03	
210.0	274.51	269.10	260.49	247.19	230.82	210.63	187.32	162.41	136.03	
225.0	274.51	269.10	260.49	247.19	230.82	210.63	187.32	162.41	136.03	
240.0	274.51	269.10	260.49	247.19	230.82	210.63	187.32	162.41	136.03	
255.0	274.51	269.10	260.49	247.19	230.82	210.63	187.32	162.41	136.03	
270.0	274.51	269.10	260.49	247.19	230.82	210.63	187.32	162.41	136.03	
285.0	274.51	269.10	260.49	247.19	230.82	210.63	187.32	162.41	136.03	
300.0	274.51	269.10	260.49	247.19	230.82	210.63	187.32	162.41	136.03	
315.0	274.51	269.10	260.49	247.19	230.82	210.63	187.32	162.41	136.03	
330.0	274.51	269.10	260.49	247.19	230.82	210.63	187.32	162.41	136.03	
345.0	274.51	269.10	260.49	247.19	230.82	210.63	187.32	162.41	136.03	
360.0	274.51	269.10	260.49	247.19	230.82	210.63	187.32	162.41	136.03	
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0	
0.0	111.63	89.68	73.16	60.69	52.78	47.72	44.02	41.45	39.74	
15.0	111.63	89.68	73.16	60.69	52.78	47.72	44.02	41.45	39.74	
30.0	111.63	89.68	73.16	60.69	52.78	47.72	44.02	41.45	39.74	
45.0	111.63	89.68	73.16	60.69	52.78	47.72	44.02	41.45	39.74	
60.0	111.63	89.68	73.16	60.69	52.78	47.72	44.02	41.45	39.74	
75.0	111.63	89.68	73.16	60.69	52.78	47.72	44.02	41.45	39.74	
90.0	111.63	89.68	73.16	60.69	52.78	47.72	44.02	41.45	39.74	
105.0	111.63	89.68	73.16	60.69	52.78	47.72	44.02	41.45	39.74	
120.0	111.63	89.68	73.16	60.69	52.78	47.72	44.02	41.45	39.74	
135.0	111.63	89.68	73.16	60.69	52.78	47.72	44.02	41.45	39.74	
150.0	111.63	89.68	73.16	60.69	52.78	47.72	44.02	41.45	39.74	
165.0	111.63	89.68	73.16	60.69	52.78	47.72	44.02	41.45	39.74	
180.0	111.63	89.68	73.16	60.69	52.78	47.72	44.02	41.45	39.74	
195.0	111.63	89.68	73.16	60.69	52.78	47.72	44.02	41.45	39.74	
210.0	111.63	89.68	73.16	60.69	52.78	47.72	44.02	41.45	39.74	
225.0	111.63	89.68	73.16	60.69	52.78	47.72	44.02	41.45	39.74	
240.0	111.63	89.68	73.16	60.69	52.78	47.72	44.02	41.45	39.74	
255.0	111.63	89.68	73.16	60.69	52.78	47.72	44.02	41.45	39.74	
270.0	111.63	89.68	73.16	60.69	52.78	47.72	44.02	41.45	39.74	
285.0	111.63	89.68	73.16	60.69	52.78	47.72	44.02	41.45	39.74	
300.0	111.63	89.68	73.16	60.69	52.78	47.72	44.02	41.45	39.74	
315.0	111.63	89.68	73.16	60.69	52.78	47.72	44.02	41.45	39.74	
330.0	111.63	89.68	73.16	60.69	52.78	47.72	44.02	41.45	39.74	
345.0	111.63	89.68	73.16	60.69	52.78	47.72	44.02	41.45	39.74	
360.0	111.63	89.68	73.16	60.69	52.78	47.72	44.02	41.45	39.74	

Equipment: GMS-1800B
 Temperature(°C): 25

Date:
 Humidity(%): 72%

Operator: Ye Shi Jie
 Distance(m): 7.567

T8-12-30P2S-865-DE-BYP

Intensity data(cd)										Page: 14 Total:19
C/γ(°)	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0	
0.0	38.93	38.99	39.87	41.44	43.77	47.66	54.10	64.03	77.54	
15.0	38.93	38.99	39.87	41.44	43.77	47.66	54.10	64.03	77.54	
30.0	38.93	38.99	39.87	41.44	43.77	47.66	54.10	64.03	77.54	
45.0	38.93	38.99	39.87	41.44	43.77	47.66	54.10	64.03	77.54	
60.0	38.93	38.99	39.87	41.44	43.77	47.66	54.10	64.03	77.54	
75.0	38.93	38.99	39.87	41.44	43.77	47.66	54.10	64.03	77.54	
90.0	38.93	38.99	39.87	41.44	43.77	47.66	54.10	64.03	77.54	
105.0	38.93	38.99	39.87	41.44	43.77	47.66	54.10	64.03	77.54	
120.0	38.93	38.99	39.87	41.44	43.77	47.66	54.10	64.03	77.54	
135.0	38.93	38.99	39.87	41.44	43.77	47.66	54.10	64.03	77.54	
150.0	38.93	38.99	39.87	41.44	43.77	47.66	54.10	64.03	77.54	
165.0	38.93	38.99	39.87	41.44	43.77	47.66	54.10	64.03	77.54	
180.0	38.93	38.99	39.87	41.44	43.77	47.66	54.10	64.03	77.54	
195.0	38.93	38.99	39.87	41.44	43.77	47.66	54.10	64.03	77.54	
210.0	38.93	38.99	39.87	41.44	43.77	47.66	54.10	64.03	77.54	
225.0	38.93	38.99	39.87	41.44	43.77	47.66	54.10	64.03	77.54	
240.0	38.93	38.99	39.87	41.44	43.77	47.66	54.10	64.03	77.54	
255.0	38.93	38.99	39.87	41.44	43.77	47.66	54.10	64.03	77.54	
270.0	38.93	38.99	39.87	41.44	43.77	47.66	54.10	64.03	77.54	
285.0	38.93	38.99	39.87	41.44	43.77	47.66	54.10	64.03	77.54	
300.0	38.93	38.99	39.87	41.44	43.77	47.66	54.10	64.03	77.54	
315.0	38.93	38.99	39.87	41.44	43.77	47.66	54.10	64.03	77.54	
330.0	38.93	38.99	39.87	41.44	43.77	47.66	54.10	64.03	77.54	
345.0	38.93	38.99	39.87	41.44	43.77	47.66	54.10	64.03	77.54	
360.0	38.93	38.99	39.87	41.44	43.77	47.66	54.10	64.03	77.54	
C/γ(°)	99.0	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0	
0.0	94.55	114.23	135.72	156.99	176.89	194.02	207.74	217.77	223.50	
15.0	94.55	114.23	135.72	156.99	176.89	194.02	207.74	217.77	223.50	
30.0	94.55	114.23	135.72	156.99	176.89	194.02	207.74	217.77	223.50	
45.0	94.55	114.23	135.72	156.99	176.89	194.02	207.74	217.77	223.50	
60.0	94.55	114.23	135.72	156.99	176.89	194.02	207.74	217.77	223.50	
75.0	94.55	114.23	135.72	156.99	176.89	194.02	207.74	217.77	223.50	
90.0	94.55	114.23	135.72	156.99	176.89	194.02	207.74	217.77	223.50	
105.0	94.55	114.23	135.72	156.99	176.89	194.02	207.74	217.77	223.50	
120.0	94.55	114.23	135.72	156.99	176.89	194.02	207.74	217.77	223.50	
135.0	94.55	114.23	135.72	156.99	176.89	194.02	207.74	217.77	223.50	
150.0	94.55	114.23	135.72	156.99	176.89	194.02	207.74	217.77	223.50	
165.0	94.55	114.23	135.72	156.99	176.89	194.02	207.74	217.77	223.50	
180.0	94.55	114.23	135.72	156.99	176.89	194.02	207.74	217.77	223.50	
195.0	94.55	114.23	135.72	156.99	176.89	194.02	207.74	217.77	223.50	
210.0	94.55	114.23	135.72	156.99	176.89	194.02	207.74	217.77	223.50	
225.0	94.55	114.23	135.72	156.99	176.89	194.02	207.74	217.77	223.50	
240.0	94.55	114.23	135.72	156.99	176.89	194.02	207.74	217.77	223.50	
255.0	94.55	114.23	135.72	156.99	176.89	194.02	207.74	217.77	223.50	
270.0	94.55	114.23	135.72	156.99	176.89	194.02	207.74	217.77	223.50	
285.0	94.55	114.23	135.72	156.99	176.89	194.02	207.74	217.77	223.50	
300.0	94.55	114.23	135.72	156.99	176.89	194.02	207.74	217.77	223.50	
315.0	94.55	114.23	135.72	156.99	176.89	194.02	207.74	217.77	223.50	
330.0	94.55	114.23	135.72	156.99	176.89	194.02	207.74	217.77	223.50	
345.0	94.55	114.23	135.72	156.99	176.89	194.02	207.74	217.77	223.50	
360.0	94.55	114.23	135.72	156.99	176.89	194.02	207.74	217.77	223.50	

Equipment: GMS-1800B
 Temperature(°C): 25

Date:
 Humidity(%): 72%

Operator: Ye Shi Jie
 Distance(m): 7.567

T8-12-30P2S-865-DE-BYP

Intensity data(cd)										Page: 15 Total:19
C/γ(°)	108.0	109.0	110.0	111.0	112.0	113.0	114.0	115.0	116.0	
0.0	224.69	222.07	216.30	207.84	197.62	187.01	176.51	166.56	158.12	
15.0	224.69	222.07	216.30	207.84	197.62	187.01	176.51	166.56	158.12	
30.0	224.69	222.07	216.30	207.84	197.62	187.01	176.51	166.56	158.12	
45.0	224.69	222.07	216.30	207.84	197.62	187.01	176.51	166.56	158.12	
60.0	224.69	222.07	216.30	207.84	197.62	187.01	176.51	166.56	158.12	
75.0	224.69	222.07	216.30	207.84	197.62	187.01	176.51	166.56	158.12	
90.0	224.69	222.07	216.30	207.84	197.62	187.01	176.51	166.56	158.12	
105.0	224.69	222.07	216.30	207.84	197.62	187.01	176.51	166.56	158.12	
120.0	224.69	222.07	216.30	207.84	197.62	187.01	176.51	166.56	158.12	
135.0	224.69	222.07	216.30	207.84	197.62	187.01	176.51	166.56	158.12	
150.0	224.69	222.07	216.30	207.84	197.62	187.01	176.51	166.56	158.12	
165.0	224.69	222.07	216.30	207.84	197.62	187.01	176.51	166.56	158.12	
180.0	224.69	222.07	216.30	207.84	197.62	187.01	176.51	166.56	158.12	
195.0	224.69	222.07	216.30	207.84	197.62	187.01	176.51	166.56	158.12	
210.0	224.69	222.07	216.30	207.84	197.62	187.01	176.51	166.56	158.12	
225.0	224.69	222.07	216.30	207.84	197.62	187.01	176.51	166.56	158.12	
240.0	224.69	222.07	216.30	207.84	197.62	187.01	176.51	166.56	158.12	
255.0	224.69	222.07	216.30	207.84	197.62	187.01	176.51	166.56	158.12	
270.0	224.69	222.07	216.30	207.84	197.62	187.01	176.51	166.56	158.12	
285.0	224.69	222.07	216.30	207.84	197.62	187.01	176.51	166.56	158.12	
300.0	224.69	222.07	216.30	207.84	197.62	187.01	176.51	166.56	158.12	
315.0	224.69	222.07	216.30	207.84	197.62	187.01	176.51	166.56	158.12	
330.0	224.69	222.07	216.30	207.84	197.62	187.01	176.51	166.56	158.12	
345.0	224.69	222.07	216.30	207.84	197.62	187.01	176.51	166.56	158.12	
360.0	224.69	222.07	216.30	207.84	197.62	187.01	176.51	166.56	158.12	
C/γ(°)	117.0	118.0	119.0	120.0	121.0	122.0	123.0	124.0	125.0	
0.0	150.28	142.90	136.55	130.10	123.47	116.45	109.24	101.73	94.50	
15.0	150.28	142.90	136.55	130.10	123.47	116.45	109.24	101.73	94.50	
30.0	150.28	142.90	136.55	130.10	123.47	116.45	109.24	101.73	94.50	
45.0	150.28	142.90	136.55	130.10	123.47	116.45	109.24	101.73	94.50	
60.0	150.28	142.90	136.55	130.10	123.47	116.45	109.24	101.73	94.50	
75.0	150.28	142.90	136.55	130.10	123.47	116.45	109.24	101.73	94.50	
90.0	150.28	142.90	136.55	130.10	123.47	116.45	109.24	101.73	94.50	
105.0	150.28	142.90	136.55	130.10	123.47	116.45	109.24	101.73	94.50	
120.0	150.28	142.90	136.55	130.10	123.47	116.45	109.24	101.73	94.50	
135.0	150.28	142.90	136.55	130.10	123.47	116.45	109.24	101.73	94.50	
150.0	150.28	142.90	136.55	130.10	123.47	116.45	109.24	101.73	94.50	
165.0	150.28	142.90	136.55	130.10	123.47	116.45	109.24	101.73	94.50	
180.0	150.28	142.90	136.55	130.10	123.47	116.45	109.24	101.73	94.50	
195.0	150.28	142.90	136.55	130.10	123.47	116.45	109.24	101.73	94.50	
210.0	150.28	142.90	136.55	130.10	123.47	116.45	109.24	101.73	94.50	
225.0	150.28	142.90	136.55	130.10	123.47	116.45	109.24	101.73	94.50	
240.0	150.28	142.90	136.55	130.10	123.47	116.45	109.24	101.73	94.50	
255.0	150.28	142.90	136.55	130.10	123.47	116.45	109.24	101.73	94.50	
270.0	150.28	142.90	136.55	130.10	123.47	116.45	109.24	101.73	94.50	
285.0	150.28	142.90	136.55	130.10	123.47	116.45	109.24	101.73	94.50	
300.0	150.28	142.90	136.55	130.10	123.47	116.45	109.24	101.73	94.50	
315.0	150.28	142.90	136.55	130.10	123.47	116.45	109.24	101.73	94.50	
330.0	150.28	142.90	136.55	130.10	123.47	116.45	109.24	101.73	94.50	
345.0	150.28	142.90	136.55	130.10	123.47	116.45	109.24	101.73	94.50	
360.0	150.28	142.90	136.55	130.10	123.47	116.45	109.24	101.73	94.50	

Equipment: GMS-1800B
 Temperature(°C): 25

Date:
 Humidity(%): 72%

Operator: Ye Shi Jie
 Distance(m): 7.567

T8-12-30P2S-865-DE-BYP

Page: 16 Total:19

Intensity data(cd)

C/γ(°)	126.0	127.0	128.0	129.0	130.0	131.0	132.0	133.0	134.0
0.0	87.41	80.43	73.86	67.86	62.27	57.13	52.07	47.36	42.78
15.0	87.41	80.43	73.86	67.86	62.27	57.13	52.07	47.36	42.78
30.0	87.41	80.43	73.86	67.86	62.27	57.13	52.07	47.36	42.78
45.0	87.41	80.43	73.86	67.86	62.27	57.13	52.07	47.36	42.78
60.0	87.41	80.43	73.86	67.86	62.27	57.13	52.07	47.36	42.78
75.0	87.41	80.43	73.86	67.86	62.27	57.13	52.07	47.36	42.78
90.0	87.41	80.43	73.86	67.86	62.27	57.13	52.07	47.36	42.78
105.0	87.41	80.43	73.86	67.86	62.27	57.13	52.07	47.36	42.78
120.0	87.41	80.43	73.86	67.86	62.27	57.13	52.07	47.36	42.78
135.0	87.41	80.43	73.86	67.86	62.27	57.13	52.07	47.36	42.78
150.0	87.41	80.43	73.86	67.86	62.27	57.13	52.07	47.36	42.78
165.0	87.41	80.43	73.86	67.86	62.27	57.13	52.07	47.36	42.78
180.0	87.41	80.43	73.86	67.86	62.27	57.13	52.07	47.36	42.78
195.0	87.41	80.43	73.86	67.86	62.27	57.13	52.07	47.36	42.78
210.0	87.41	80.43	73.86	67.86	62.27	57.13	52.07	47.36	42.78
225.0	87.41	80.43	73.86	67.86	62.27	57.13	52.07	47.36	42.78
240.0	87.41	80.43	73.86	67.86	62.27	57.13	52.07	47.36	42.78
255.0	87.41	80.43	73.86	67.86	62.27	57.13	52.07	47.36	42.78
270.0	87.41	80.43	73.86	67.86	62.27	57.13	52.07	47.36	42.78
285.0	87.41	80.43	73.86	67.86	62.27	57.13	52.07	47.36	42.78
300.0	87.41	80.43	73.86	67.86	62.27	57.13	52.07	47.36	42.78
315.0	87.41	80.43	73.86	67.86	62.27	57.13	52.07	47.36	42.78
330.0	87.41	80.43	73.86	67.86	62.27	57.13	52.07	47.36	42.78
345.0	87.41	80.43	73.86	67.86	62.27	57.13	52.07	47.36	42.78
360.0	87.41	80.43	73.86	67.86	62.27	57.13	52.07	47.36	42.78
C/γ(°)	135.0	136.0	137.0	138.0	139.0	140.0	141.0	142.0	143.0
0.0	38.45	34.61	31.53	28.79	26.17	23.71	21.28	18.82	17.02
15.0	38.45	34.61	31.53	28.79	26.17	23.71	21.28	18.82	17.02
30.0	38.45	34.61	31.53	28.79	26.17	23.71	21.28	18.82	17.02
45.0	38.45	34.61	31.53	28.79	26.17	23.71	21.28	18.82	17.02
60.0	38.45	34.61	31.53	28.79	26.17	23.71	21.28	18.82	17.02
75.0	38.45	34.61	31.53	28.79	26.17	23.71	21.28	18.82	17.02
90.0	38.45	34.61	31.53	28.79	26.17	23.71	21.28	18.82	17.02
105.0	38.45	34.61	31.53	28.79	26.17	23.71	21.28	18.82	17.02
120.0	38.45	34.61	31.53	28.79	26.17	23.71	21.28	18.82	17.02
135.0	38.45	34.61	31.53	28.79	26.17	23.71	21.28	18.82	17.02
150.0	38.45	34.61	31.53	28.79	26.17	23.71	21.28	18.82	17.02
165.0	38.45	34.61	31.53	28.79	26.17	23.71	21.28	18.82	17.02
180.0	38.45	34.61	31.53	28.79	26.17	23.71	21.28	18.82	17.02
195.0	38.45	34.61	31.53	28.79	26.17	23.71	21.28	18.82	17.02
210.0	38.45	34.61	31.53	28.79	26.17	23.71	21.28	18.82	17.02
225.0	38.45	34.61	31.53	28.79	26.17	23.71	21.28	18.82	17.02
240.0	38.45	34.61	31.53	28.79	26.17	23.71	21.28	18.82	17.02
255.0	38.45	34.61	31.53	28.79	26.17	23.71	21.28	18.82	17.02
270.0	38.45	34.61	31.53	28.79	26.17	23.71	21.28	18.82	17.02
285.0	38.45	34.61	31.53	28.79	26.17	23.71	21.28	18.82	17.02
300.0	38.45	34.61	31.53	28.79	26.17	23.71	21.28	18.82	17.02
315.0	38.45	34.61	31.53	28.79	26.17	23.71	21.28	18.82	17.02
330.0	38.45	34.61	31.53	28.79	26.17	23.71	21.28	18.82	17.02
345.0	38.45	34.61	31.53	28.79	26.17	23.71	21.28	18.82	17.02
360.0	38.45	34.61	31.53	28.79	26.17	23.71	21.28	18.82	17.02

Equipment: GMS-1800B
Temperature(°C): 25

Date:
Humidity(%): 72%

Operator: Ye Shi Jie
Distance(m): 7.567

T8-12-30P2S-865-DE-BYP

Intensity data(cd)										Page: 17 Total:19
C/γ(°)	144.0	145.0	146.0	147.0	148.0	149.0	150.0	151.0	152.0	
0.0	15.65	14.79	14.23	13.69	13.10	12.34	11.53	10.85	10.22	
15.0	15.65	14.79	14.23	13.69	13.10	12.34	11.53	10.85	10.22	
30.0	15.65	14.79	14.23	13.69	13.10	12.34	11.53	10.85	10.22	
45.0	15.65	14.79	14.23	13.69	13.10	12.34	11.53	10.85	10.22	
60.0	15.65	14.79	14.23	13.69	13.10	12.34	11.53	10.85	10.22	
75.0	15.65	14.79	14.23	13.69	13.10	12.34	11.53	10.85	10.22	
90.0	15.65	14.79	14.23	13.69	13.10	12.34	11.53	10.85	10.22	
105.0	15.65	14.79	14.23	13.69	13.10	12.34	11.53	10.85	10.22	
120.0	15.65	14.79	14.23	13.69	13.10	12.34	11.53	10.85	10.22	
135.0	15.65	14.79	14.23	13.69	13.10	12.34	11.53	10.85	10.22	
150.0	15.65	14.79	14.23	13.69	13.10	12.34	11.53	10.85	10.22	
165.0	15.65	14.79	14.23	13.69	13.10	12.34	11.53	10.85	10.22	
180.0	15.65	14.79	14.23	13.69	13.10	12.34	11.53	10.85	10.22	
195.0	15.65	14.79	14.23	13.69	13.10	12.34	11.53	10.85	10.22	
210.0	15.65	14.79	14.23	13.69	13.10	12.34	11.53	10.85	10.22	
225.0	15.65	14.79	14.23	13.69	13.10	12.34	11.53	10.85	10.22	
240.0	15.65	14.79	14.23	13.69	13.10	12.34	11.53	10.85	10.22	
255.0	15.65	14.79	14.23	13.69	13.10	12.34	11.53	10.85	10.22	
270.0	15.65	14.79	14.23	13.69	13.10	12.34	11.53	10.85	10.22	
285.0	15.65	14.79	14.23	13.69	13.10	12.34	11.53	10.85	10.22	
300.0	15.65	14.79	14.23	13.69	13.10	12.34	11.53	10.85	10.22	
315.0	15.65	14.79	14.23	13.69	13.10	12.34	11.53	10.85	10.22	
330.0	15.65	14.79	14.23	13.69	13.10	12.34	11.53	10.85	10.22	
345.0	15.65	14.79	14.23	13.69	13.10	12.34	11.53	10.85	10.22	
360.0	15.65	14.79	14.23	13.69	13.10	12.34	11.53	10.85	10.22	
C/γ(°)	153.0	154.0	155.0	156.0	157.0	158.0	159.0	160.0	161.0	
0.0	9.67	9.08	8.35	7.54	6.74	6.13	5.53	4.96	4.51	
15.0	9.67	9.08	8.35	7.54	6.74	6.13	5.53	4.96	4.51	
30.0	9.67	9.08	8.35	7.54	6.74	6.13	5.53	4.96	4.51	
45.0	9.67	9.08	8.35	7.54	6.74	6.13	5.53	4.96	4.51	
60.0	9.67	9.08	8.35	7.54	6.74	6.13	5.53	4.96	4.51	
75.0	9.67	9.08	8.35	7.54	6.74	6.13	5.53	4.96	4.51	
90.0	9.67	9.08	8.35	7.54	6.74	6.13	5.53	4.96	4.51	
105.0	9.67	9.08	8.35	7.54	6.74	6.13	5.53	4.96	4.51	
120.0	9.67	9.08	8.35	7.54	6.74	6.13	5.53	4.96	4.51	
135.0	9.67	9.08	8.35	7.54	6.74	6.13	5.53	4.96	4.51	
150.0	9.67	9.08	8.35	7.54	6.74	6.13	5.53	4.96	4.51	
165.0	9.67	9.08	8.35	7.54	6.74	6.13	5.53	4.96	4.51	
180.0	9.67	9.08	8.35	7.54	6.74	6.13	5.53	4.96	4.51	
195.0	9.67	9.08	8.35	7.54	6.74	6.13	5.53	4.96	4.51	
210.0	9.67	9.08	8.35	7.54	6.74	6.13	5.53	4.96	4.51	
225.0	9.67	9.08	8.35	7.54	6.74	6.13	5.53	4.96	4.51	
240.0	9.67	9.08	8.35	7.54	6.74	6.13	5.53	4.96	4.51	
255.0	9.67	9.08	8.35	7.54	6.74	6.13	5.53	4.96	4.51	
270.0	9.67	9.08	8.35	7.54	6.74	6.13	5.53	4.96	4.51	
285.0	9.67	9.08	8.35	7.54	6.74	6.13	5.53	4.96	4.51	
300.0	9.67	9.08	8.35	7.54	6.74	6.13	5.53	4.96	4.51	
315.0	9.67	9.08	8.35	7.54	6.74	6.13	5.53	4.96	4.51	
330.0	9.67	9.08	8.35	7.54	6.74	6.13	5.53	4.96	4.51	
345.0	9.67	9.08	8.35	7.54	6.74	6.13	5.53	4.96	4.51	
360.0	9.67	9.08	8.35	7.54	6.74	6.13	5.53	4.96	4.51	

Equipment: GMS-1800B
 Temperature(°C): 25

Date:
 Humidity(%): 72%

Operator: Ye Shi Jie
 Distance(m): 7.567

T8-12-30P2S-865-DE-BYP

Page: 18 Total:19

Intensity data(cd)									
C/γ(°)	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0	170.0
0.0	4.15	3.82	3.48	3.18	2.90	2.63	2.39	2.24	2.06
15.0	4.15	3.82	3.48	3.18	2.90	2.63	2.39	2.24	2.06
30.0	4.15	3.82	3.48	3.18	2.90	2.63	2.39	2.24	2.06
45.0	4.15	3.82	3.48	3.18	2.90	2.63	2.39	2.24	2.06
60.0	4.15	3.82	3.48	3.18	2.90	2.63	2.39	2.24	2.06
75.0	4.15	3.82	3.48	3.18	2.90	2.63	2.39	2.24	2.06
90.0	4.15	3.82	3.48	3.18	2.90	2.63	2.39	2.24	2.06
105.0	4.15	3.82	3.48	3.18	2.90	2.63	2.39	2.24	2.06
120.0	4.15	3.82	3.48	3.18	2.90	2.63	2.39	2.24	2.06
135.0	4.15	3.82	3.48	3.18	2.90	2.63	2.39	2.24	2.06
150.0	4.15	3.82	3.48	3.18	2.90	2.63	2.39	2.24	2.06
165.0	4.15	3.82	3.48	3.18	2.90	2.63	2.39	2.24	2.06
180.0	4.15	3.82	3.48	3.18	2.90	2.63	2.39	2.24	2.06
195.0	4.15	3.82	3.48	3.18	2.90	2.63	2.39	2.24	2.06
210.0	4.15	3.82	3.48	3.18	2.90	2.63	2.39	2.24	2.06
225.0	4.15	3.82	3.48	3.18	2.90	2.63	2.39	2.24	2.06
240.0	4.15	3.82	3.48	3.18	2.90	2.63	2.39	2.24	2.06
255.0	4.15	3.82	3.48	3.18	2.90	2.63	2.39	2.24	2.06
270.0	4.15	3.82	3.48	3.18	2.90	2.63	2.39	2.24	2.06
285.0	4.15	3.82	3.48	3.18	2.90	2.63	2.39	2.24	2.06
300.0	4.15	3.82	3.48	3.18	2.90	2.63	2.39	2.24	2.06
315.0	4.15	3.82	3.48	3.18	2.90	2.63	2.39	2.24	2.06
330.0	4.15	3.82	3.48	3.18	2.90	2.63	2.39	2.24	2.06
345.0	4.15	3.82	3.48	3.18	2.90	2.63	2.39	2.24	2.06
360.0	4.15	3.82	3.48	3.18	2.90	2.63	2.39	2.24	2.06
C/γ(°)	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	1.95	1.87	1.81	1.71	1.63	1.60	1.63	1.63	1.67
15.0	1.95	1.87	1.81	1.71	1.63	1.60	1.63	1.63	1.67
30.0	1.95	1.87	1.81	1.71	1.63	1.60	1.63	1.63	1.67
45.0	1.95	1.87	1.81	1.71	1.63	1.60	1.63	1.63	1.67
60.0	1.95	1.87	1.81	1.71	1.63	1.60	1.63	1.63	1.67
75.0	1.95	1.87	1.81	1.71	1.63	1.60	1.63	1.63	1.67
90.0	1.95	1.87	1.81	1.71	1.63	1.60	1.63	1.63	1.67
105.0	1.95	1.87	1.81	1.71	1.63	1.60	1.63	1.63	1.67
120.0	1.95	1.87	1.81	1.71	1.63	1.60	1.63	1.63	1.67
135.0	1.95	1.87	1.81	1.71	1.63	1.60	1.63	1.63	1.67
150.0	1.95	1.87	1.81	1.71	1.63	1.60	1.63	1.63	1.67
165.0	1.95	1.87	1.81	1.71	1.63	1.60	1.63	1.63	1.67
180.0	1.95	1.87	1.81	1.71	1.63	1.60	1.63	1.63	1.67
195.0	1.95	1.87	1.81	1.71	1.63	1.60	1.63	1.63	1.67
210.0	1.95	1.87	1.81	1.71	1.63	1.60	1.63	1.63	1.67
225.0	1.95	1.87	1.81	1.71	1.63	1.60	1.63	1.63	1.67
240.0	1.95	1.87	1.81	1.71	1.63	1.60	1.63	1.63	1.67
255.0	1.95	1.87	1.81	1.71	1.63	1.60	1.63	1.63	1.67
270.0	1.95	1.87	1.81	1.71	1.63	1.60	1.63	1.63	1.67
285.0	1.95	1.87	1.81	1.71	1.63	1.60	1.63	1.63	1.67
300.0	1.95	1.87	1.81	1.71	1.63	1.60	1.63	1.63	1.67
315.0	1.95	1.87	1.81	1.71	1.63	1.60	1.63	1.63	1.67
330.0	1.95	1.87	1.81	1.71	1.63	1.60	1.63	1.63	1.67
345.0	1.95	1.87	1.81	1.71	1.63	1.60	1.63	1.63	1.67
360.0	1.95	1.87	1.81	1.71	1.63	1.60	1.63	1.63	1.67

Equipment: GMS-1800B
 Temperature(°C): 25

Date:
 Humidity(%): 72%

Operator: Ye Shi Jie
 Distance(m): 7.567

Intensity data(cd)

C/γ(°)	180.0
0.0	1.64
15.0	1.64
30.0	1.64
45.0	1.64
60.0	1.64
75.0	1.64
90.0	1.64
105.0	1.64
120.0	1.64
135.0	1.64
150.0	1.64
165.0	1.64
180.0	1.64
195.0	1.64
210.0	1.64
225.0	1.64
240.0	1.64
255.0	1.64
270.0	1.64
285.0	1.64
300.0	1.64
315.0	1.64
330.0	1.64
345.0	1.64
360.0	1.64

Test equipment list

system	Name	Model	Manufacturer	Next Cal date
Gonio meter system	Goniometer	GMS-1800B	Sensingm.	2021.03.19
	Standard source	100V/300W	/	2021.04.22
	AC power	AFC-500W	APC	2021.07.02
	Power meter	UI2008	Sensingm	2021.03.19
Integra ting sphere system	Integrating sphere	SIS-5_2.0M	Everfine	2021.03.18
	Power meter	PF9811	Everfine	2021.03.19
	Standard source	D204	Everfine	2021.03.25
	spectrometer	HASS-2000	Everfine	2021.03.18
	AC power	DPS1010	Everfine	2020.10.13

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