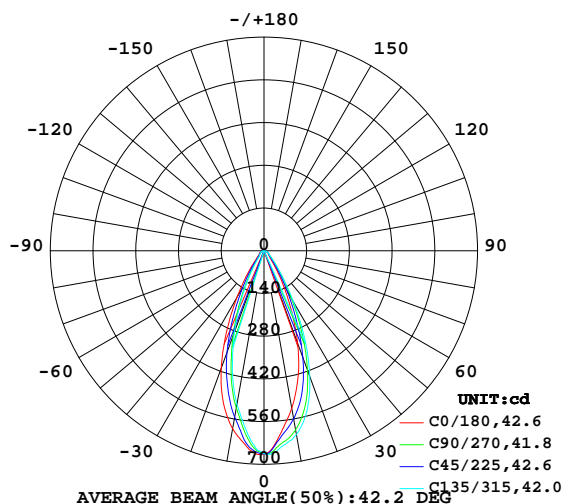


LUMINAIRE PHOTOMETRIC TEST REPORT

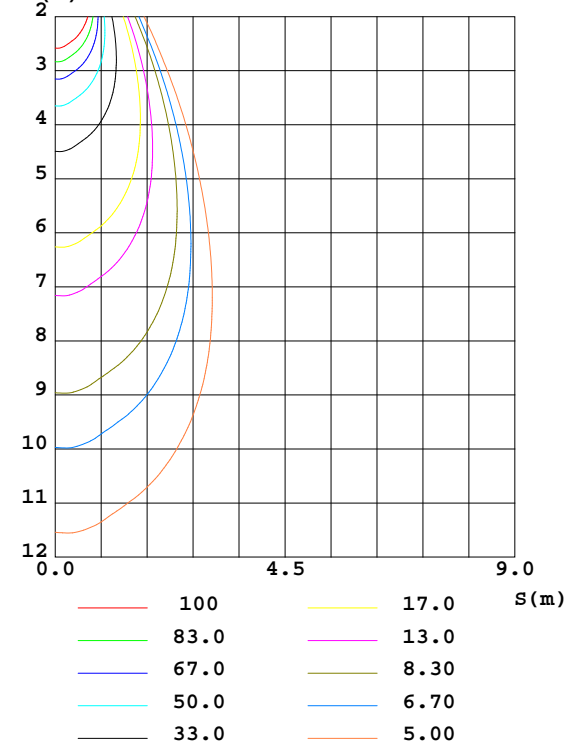
Test:U:230.0V I:0.0246A P:4.730W PF:0.8359 Freq:50.00Hz Lamp Flux:409.997x1 lm		
NAME: LED5400##5WD	TYPE:LED	WEIGHT:
SPEC.:5.5W 2700K Fire, Air & Acoustic-Rated	DIM.:	SERIAL No.:170330002G
MFR.: Scolmore International Ltd	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 86.68 lm/W
MODEL	Nano5 - 2700K	Imax(cd)	668.1	S/MH(C0/180)	0.63	
NOMINAL POWER(W)	5.5W	LOR(%)	100.0	S/MH(C90/270)	0.73	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	410.00	η UP,DN(C0-180)	0.0,46.6	
NOMINAL FLUX(lm)	409.997	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,53.4	
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	0.50	
TEST VOLTAGE(V)	230	η down(%)	100.0	CIBSE SHR MAX	0.70	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:24.6DEG
Operators:WANG Yiwei
Test Date:30 March 2017

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.361
Humidity:60%
Test Distance:2.178m [K=1.0000]
Remarks:

Assessor:

standards: LM-79-08 INSTRUMENT:OP42001

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
5	644.8	637.1	617.3	605.4	605.2	615.3	636.2	645.1	0- 5	15.42	15.42	3.76,3.76
10	591.8	554.0	522.8	511.6	524.2	559.6	595.4	612.5	5- 10	42.14	57.56	14.14
15	515.2	461.1	417.2	401.5	431.1	481.6	524.2	543.7	10- 15	61.09	118.6	28.9,28.9
20	410.0	354.8	297.2	282.3	322.3	373.0	417.4	438.6	15- 20	68.51	187.2	45.6,45.6
25	288.3	238.0	187.7	176.1	208.0	251.3	292.4	314.3	20- 25	63.08	250.2	61.61
30	179.4	141.8	106.8	97.37	118.9	151.1	180.2	194.2	25- 30	48.51	298.7	72.9,72.9
35	99.99	75.69	55.87	49.39	62.11	82.41	103.1	109.4	30- 35	32.24	331.0	80.7,80.7
40	53.04	37.74	28.35	26.40	33.12	45.55	59.44	61.50	35- 40	19.63	350.6	85.5,85.5
45	32.45	24.49	20.94	20.46	24.24	30.38	37.86	38.24	40- 45	12.87	363.5	88.7,88.7
50	22.52	19.67	18.20	18.08	20.19	22.65	25.14	24.60	45- 50	9.927	373.4	91.1,91.1
55	19.34	16.57	15.38	15.30	17.30	19.40	20.56	20.51	50- 55	8.484	381.9	93.1,93.1
60	16.86	14.66	13.70	13.78	15.35	17.11	18.03	17.62	55- 60	7.811	389.7	95.1,95.1
65	14.46	12.42	11.56	11.67	12.57	13.92	14.76	14.82	60- 65	7.152	396.9	96.8,96.8
70	11.10	9.122	8.516	8.363	9.523	10.16	10.62	10.97	65- 70	5.845	402.7	98.2,98.2
75	6.744	6.124	5.936	5.548	5.586	5.659	5.755	6.262	70- 75	4.159	406.9	99.2,99.2
80	2.396	2.736	2.779	2.445	2.131	1.760	1.625	2.049	75- 80	2.088	408.9	99.7,99.7
85	0.5730	0.7472	0.8599	0.7044	0.5943	0.3618	0.2903	0.4394	80- 85	0.6778	409.6	99.9,99.9
90	0.1048	0.2243	0.3241	0.3614	0.1101	0.0258	0.0369	0.2695	85- 90	0.1675	409.8	100,100
95	0.0978	0.0652	0.0597	0.0994	0.0667	0.0179	0.0199	0.1296	90- 95	0.0559	409.8	100,100
100	0.0574	0.0553	0.0493	0.0885	0.0432	0.0124	0.0156	0.0814	95-100	0.0319	409.9	100,100
105	0.0432	0.0411	0.0151	0.0760	0.0417	0.0113	0.0149	0.0492	100-105	0.0227	409.9	100,100
110	0.0376	0.0245	0.0134	0.0679	0.0416	0.0098	0.0149	0.0383	105-110	0.0173	409.9	100,100
115	0.0339	0.0177	0.0146	0.0535	0.0264	0.0093	0.0167	0.0315	110-115	0.0149	409.9	100,100
120	0.0215	0.0154	0.0202	0.0396	0.0184	0.0093	0.0174	0.0211	115-120	0.0111	409.9	100,100
125	0.0167	0.0124	0.0199	0.0303	0.0130	0.0086	0.0187	0.0144	120-125	0.0085	410.0	100,100
130	0.0136	0.0116	0.0179	0.0193	0.0093	0.0086	0.0200	0.0103	125-130	0.0065	410.0	100,100
135	0.0116	0.0116	0.0156	0.0167	0.0083	0.0086	0.0217	0.0055	130-135	0.0053	410.0	100,100
140	0.0109	0.0116	0.0141	0.0151	0.0083	0.0086	0.0212	0.0061	135-140	0.0045	410.0	100,100
145	0.0109	0.0116	0.0126	0.0141	0.0088	0.0086	0.0202	0.0114	140-145	0.0040	410.0	100,100
150	0.0109	0.0116	0.0106	0.0129	0.0093	0.0086	0.0184	0.0159	145-150	0.0036	410.0	100,100
155	0.0116	0.0129	0.0111	0.0131	0.0106	0.0091	0.0172	0.0215	150-155	0.0032	410.0	100,100
160	0.0164	0.0146	0.0121	0.0210	0.0169	0.0015	0.0189	0.0248	155-160	0.0031	410.0	100,100
165	0.0430	0.0281	0.0151	0.0512	0.0235	0.0020	0.0235	0.0313	160-165	0.0034	410.0	100,100
170	0.0568	0.0575	0.0594	0.0563	0.0129	0.0020	0.0536	0.0596	165-170	0.0043	410.0	100,100
175	0.0659	0.0391	0.0391	0.0697	0.0005	0.0007	0.0620	0.0337	170-175	0.0031	410.0	100,100
180	0	0	0	0	0	0	0	0	175-180	0.0004	410.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 363.48 lm

%lum = 88.7%

%lamp = 88.7%

Conical surface Flux(120deg): 389.7 lm

%lum = 95.1%

%lamp = 95.1%

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:24.6DEG
Operators:WANG Yiwei
Test Date:30 March 2017

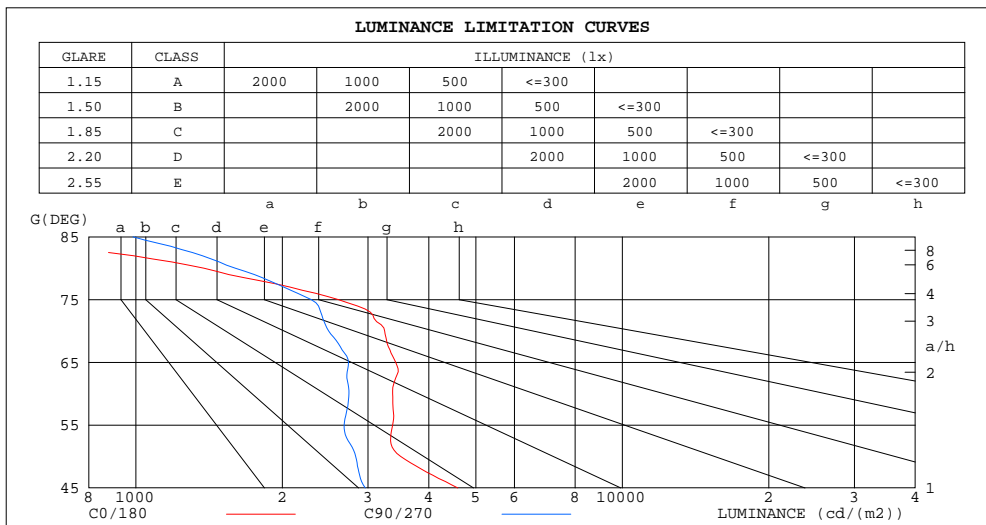
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.361
Humidity:60%
Test Distance:2.178m [K=1.0000]
Remarks:

Assessor:

standards: LM-79-08 INSTRUMENT:OP42001

LUMINANCE LIMITATION CURVES

Test:U:230.0V I:0.0246A P:4.730W PF:0.8359 Freq:50.00Hz Lamp Flux:409.997x1 lm		
NAME: LED5400##5WD	TYPE:LED	WEIGHT:
SPEC.:5.5W 2700K Fire, Air & Acoustic-Rated	DIM.:	SERIAL No.:170330002G
MFR.: Scolmore International Ltd	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	657	987
80	1380	1601
75	2606	2293
70	3245	2490
65	3421	2735
60	3372	2741
55	3372	2681
50	3503	2831
45	4590	2961

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:24.6DEG
Operators:WANG Yiwei
Test Date:30 March 2017

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.361
Humidity:60%
Test Distance:2.178m [K=1.0000]
Remarks:

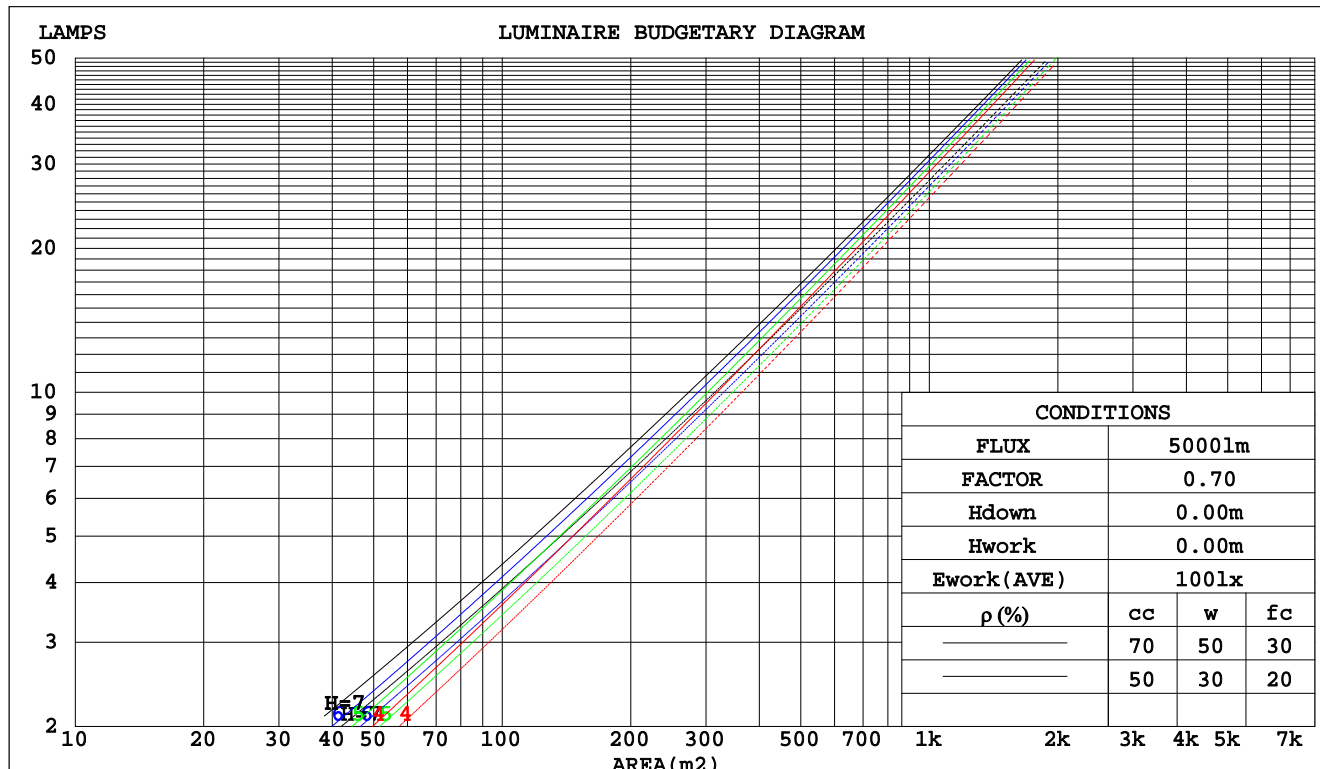
Assessor:

standards: LM-79-08 INSTRUMENT:OP42001

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.0V I:0.0246A P:4.730W PF:0.8359 Freq:50.00Hz Lamp Flux:409.997x1 lm		
NAME: LED5400##5WD	TYPE:LED	WEIGHT:
SPEC.:5.5W 2700K Fire, Air & Acoustic-Rated	DIM.: YES	SERIAL No.:170330002G
MFR.: Scolmore International Ltd	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.10	1.07	1.05	1.08	1.05	1.03	1.04	1.02	1.00	1.00	.99	.97	.97	.95	.94	.92
2.0	1.02	.98	.94	1.00	.96	.93	.97	.94	.91	.94	.91	.89	.91	.89	.87	.85
3.0	.95	.90	.85	.93	.89	.85	.91	.87	.83	.88	.85	.82	.86	.83	.81	.79
4.0	.89	.83	.79	.87	.82	.78	.85	.81	.77	.83	.79	.76	.81	.78	.75	.74
5.0	.83	.77	.73	.82	.77	.72	.80	.76	.72	.79	.75	.71	.77	.73	.71	.69
6.0	.78	.72	.68	.78	.72	.68	.76	.71	.67	.75	.70	.67	.73	.69	.66	.65
7.0	.74	.68	.64	.73	.68	.64	.72	.67	.63	.71	.66	.63	.70	.66	.63	.61
8.0	.70	.64	.60	.70	.64	.60	.68	.63	.60	.67	.63	.59	.66	.62	.59	.58
9.0	.67	.61	.57	.66	.61	.57	.65	.60	.57	.64	.60	.56	.63	.59	.56	.55
10.0	.63	.58	.54	.63	.58	.54	.62	.57	.54	.61	.57	.54	.61	.56	.53	.52



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:24.6DEG
Operators:WANG Yiwei
Test Date:30 March 2017

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.361
Humidity:60%
Test Distance:2.178m [K=1.0000]
Remarks:

Assessor:

standards: LM-79-08 INSTRUMENT:OP42001

WEC AND CCEC

Test:U:230.0V I:0.0246A P:4.730W PF:0.8359 Freq:50.00Hz Lamp Flux:409.997x1 lm		
NAME: LED5400##5WD	TYPE:LED	WEIGHT:
SPEC.:5.5W 2700K Fire, Air & Acoustic-Rated	DIM.:	SERIAL No.:170330002G
MFR.: Scolmore International Ltd	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.191	.109	.034	.184	.105	.033	.172	.098	.031	.160	.092	.030	.149	.087	.028		
2.0	.182	.099	.031	.176	.097	.030	.165	.092	.029	.155	.087	.027	.146	.083	.026		
3.0	.171	.091	.027	.166	.089	.027	.157	.085	.026	.148	.081	.025	.140	.078	.024		
4.0	.161	.084	.025	.157	.082	.024	.149	.079	.024	.141	.076	.023	.134	.073	.022		
5.0	.151	.077	.022	.148	.076	.022	.141	.073	.022	.135	.071	.021	.129	.069	.021		
6.0	.143	.072	.021	.140	.071	.020	.134	.069	.020	.128	.067	.020	.123	.065	.019		
7.0	.136	.067	.019	.133	.066	.019	.128	.064	.019	.122	.063	.018	.118	.061	.018		
8.0	.129	.063	.018	.126	.062	.018	.122	.061	.017	.117	.059	.017	.113	.058	.017		
9.0	.123	.059	.017	.121	.059	.016	.116	.057	.016	.112	.056	.016	.108	.055	.016		
10.0	.117	.056	.016	.115	.056	.016	.111	.055	.015	.108	.053	.015	.104	.052	.015		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.191	.191	.191	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.172	.158	.144	.148	.135	.124	.101	.093	.086	.058	.054	.050	.019	.017	.016	
2.0	.158	.133	.112	.135	.114	.097	.093	.079	.067	.053	.046	.039	.017	.015	.013	
3.0	.146	.114	.089	.125	.098	.077	.086	.068	.054	.050	.040	.032	.016	.013	.010	
4.0	.135	.099	.072	.116	.086	.062	.080	.060	.044	.046	.035	.026	.015	.011	.009	
5.0	.127	.088	.059	.109	.076	.052	.075	.053	.036	.043	.031	.022	.014	.010	.007	
6.0	.119	.079	.050	.102	.068	.043	.070	.048	.031	.041	.028	.018	.013	.009	.006	
7.0	.112	.071	.042	.096	.062	.037	.067	.043	.026	.039	.025	.016	.012	.008	.005	
8.0	.106	.065	.036	.091	.056	.032	.063	.039	.022	.037	.023	.013	.012	.008	.004	
9.0	.101	.059	.032	.087	.052	.028	.060	.036	.020	.035	.021	.012	.011	.007	.004	
10.0	.096	.055	.028	.083	.048	.024	.057	.034	.017	.033	.020	.010	.011	.007	.003	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:24.6DEG
Operators:WANG Yiwei
Test Date:30 March 2017

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.361
Humidity:60%
Test Distance:2.178m [K=1.0000]
Remarks:

Assessor:

standards: LM-79-08 INSTRUMENT:OP42001

UGR(Unified Glare Rating) Table

Test:U:230.0V I:0.0246A P:4.730W PF:0.8359 Freq:50.00Hz Lamp Flux:409.997x1 lm												
NAME: LED5400##5WD						TYPE:LED			WEIGHT:			
SPEC.:5.5W 2700K Fire, Air & Acoustic-Rated						DIM.:			SERIAL No.:170330002G			
MFR.: Scolmore International Ltd						SUR.:			Shielding Angle:			
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3		
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3		
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2		
Room dimensions		Viewed crosswise					Viewed endwise					
x = 2H y = 2H	2H	16.9	17.9	17.1	18.0	18.2	15.4	16.4	15.7	16.6	16.7	
	3H	18.1	19.0	18.4	19.2	19.4	16.7	17.6	17.0	17.8	18.0	
	4H	18.5	19.4	18.8	19.6	19.8	17.2	18.0	17.5	18.3	18.5	
	6H	18.7	19.5	19.0	19.7	20.0	17.4	18.2	17.7	18.5	18.7	
	8H	18.7	19.4	19.0	19.7	19.9	17.5	18.2	17.8	18.5	18.8	
	12H	18.6	19.4	18.9	19.6	19.9	17.5	18.2	17.8	18.5	18.8	
	4H	2H	17.2	18.1	17.5	18.3	18.5	16.0	16.9	16.3	17.1	17.3
		3H	18.6	19.4	18.9	19.6	19.9	17.5	18.2	17.8	18.5	18.8
		4H	19.2	19.8	19.5	20.1	20.4	18.1	18.7	18.4	19.0	19.4
		6H	19.3	19.9	19.7	20.3	20.6	18.4	19.0	18.8	19.3	19.7
		8H	19.3	19.9	19.7	20.3	20.6	18.4	19.0	18.8	19.3	19.7
		12H	19.3	19.8	19.7	20.2	20.6	18.4	19.0	18.9	19.3	19.7
	8H	4H	19.3	19.8	19.7	20.2	20.5	18.3	18.8	18.7	19.2	19.6
		6H	19.5	20.0	19.9	20.4	20.8	18.7	19.1	19.1	19.5	19.9
		8H	19.5	19.9	20.0	20.4	20.8	18.7	19.2	19.2	19.6	20.0
		12H	19.5	19.9	20.0	20.3	20.8	18.8	19.1	19.2	19.6	20.0
	12H	4H	19.2	19.7	19.7	20.1	20.5	18.2	18.8	18.7	19.1	19.5
		6H	19.5	19.9	19.9	20.3	20.8	18.7	19.1	19.1	19.5	19.9
		8H	19.5	19.9	20.0	20.3	20.8	18.8	19.1	19.2	19.5	20.0
Variations with the observer position at spacings:												
S = 1.0H	+ 0.8 / - 0.6					+ 0.3 / - 0.4						
1.5H	+ 1.6 / - 0.5					+ 0.5 / - 0.4						
2.0H	+ 0.7 / - 0.5					+ 0.2 / - 0.3						

CIE Pub.117, 410.0 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -3.1$)

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:24.6DEG
Operators:WANG Yiwei
Test Date:30 March 2017

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.361
Humidity:60%
Test Distance:2.178m [K=1.0000]
Remarks:

Assessor:

standards: LM-79-08 INSTRUMENT:OP42001

UTILIZATION FACTORS TABLE

Test:U:230.0V I:0.0246A P:4.730W PF:0.8359 Freq:50.00Hz Lamp Flux:409.997x1 lm		
NAME: LED5400##5WD	TYPE:LED	WEIGHT:
SPEC.:5.5W 2700K Fire, Air & Acoustic-Rated	DIM.:	SERIAL No.:170330002G
MFR.: Scolmore International Ltd	SUR.:	Shielding Angle:

REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	83	75	71	82	75	71	81	75	71	67
0.80	90	84	79	90	83	79	88	83	79	75
1.00	95	89	85	94	88	84	93	89	84	79
1.25	100	94	90	99	93	89	97	92	89	84
1.50	103	97	93	102	97	93	99	95	92	87
2.00	106	101	98	105	100	97	102	98	95	90
2.50	108	104	100	107	103	100	103	100	98	91
3.00	110	106	103	108	105	102	105	102	100	93
4.00	113	109	107	110	108	105	107	105	103	95
5.00	114	111	109	112	110	108	108	106	105	97
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:24.6DEG
 Operators:WANG Yiwei
 Test Date:30 March 2017

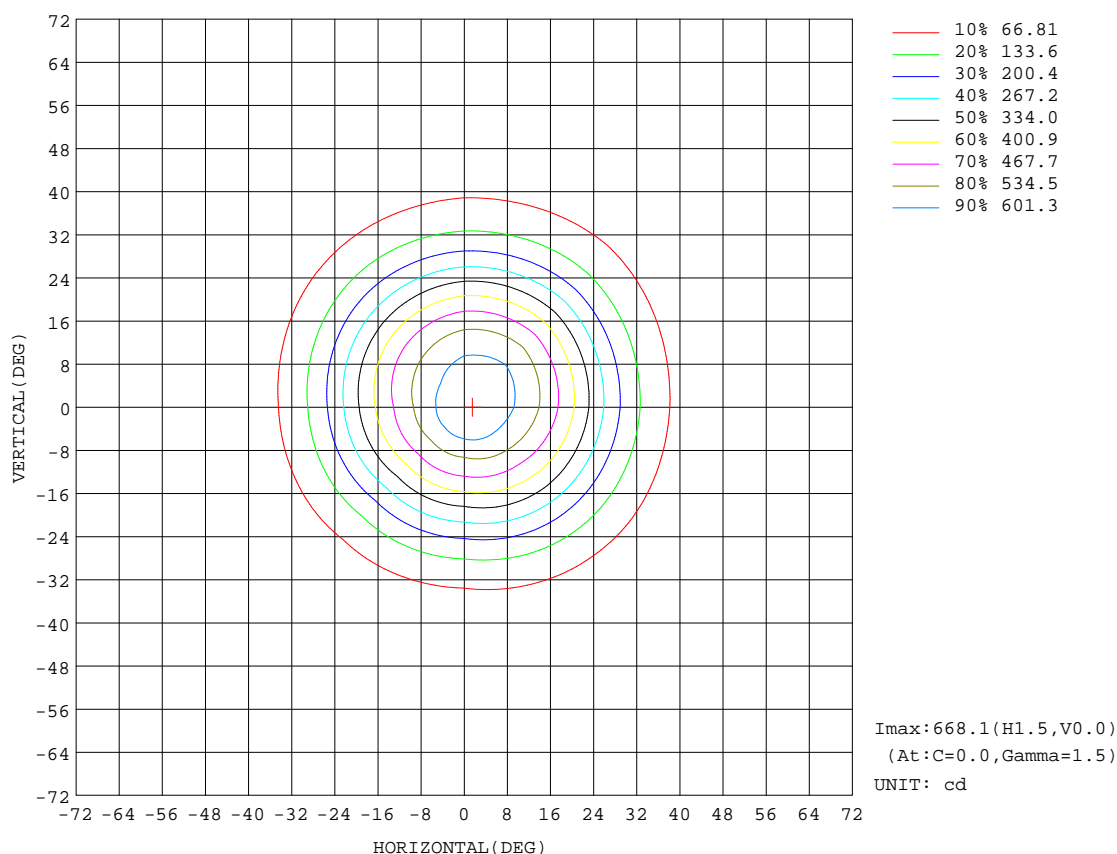
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.361
 Humidity:60%
 Test Distance:2.178m [K=1.0000]
 Remarks:

Assessor:

standards: LM-79-08 INSTRUMENT:OP42001

ISOCANDELA DIAGRAM

Test:U:230.0V I:0.0246A P:4.730W PF:0.8359 Freq:50.00Hz Lamp Flux:409.997x1 lm		
NAME: LED5400##5WD	TYPE:LED	WEIGHT:
SPEC.:5.5W 2700K Fire, Air & Acoustic-Rated	DIM.:	SERIAL No.:170330002G
MFR.: Scolmore International Ltd	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:24.6DEG
Operators:WANG Yiwei
Test Date:30 March 2017

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.361
Humidity:60%
Test Distance:2.178m [K=1.0000]
Remarks:

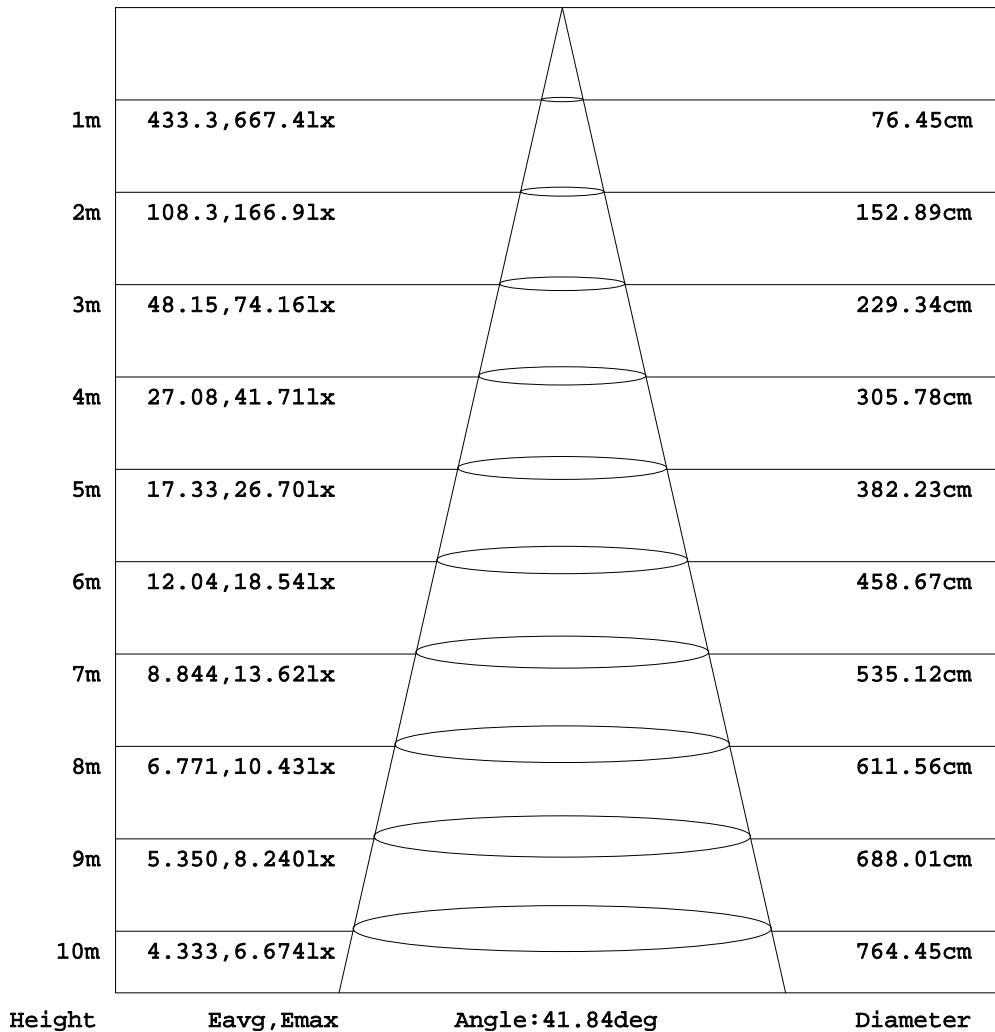
Assessor:

standards: LM-79-08 INSTRUMENT:OP42001

AAI Figure

Test:U:230.0V I:0.0246A P:4.730W PF:0.8359 Freq:50.00Hz Lamp Flux:409.997x1 lm		
NAME: LED5400##5WD	TYPE:LED	WEIGHT:
SPEC.:5.5W 2700K Fire, Air & Acoustic-Rated	DIM.:	SERIAL No.:170330002G
MFR.: Scolmore International Ltd	SUR.:	Shielding Angle:

Flux out:200.6 lm



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 24.6DEG
Operators: WANG Yiwei
Test Date: 30 March 2017

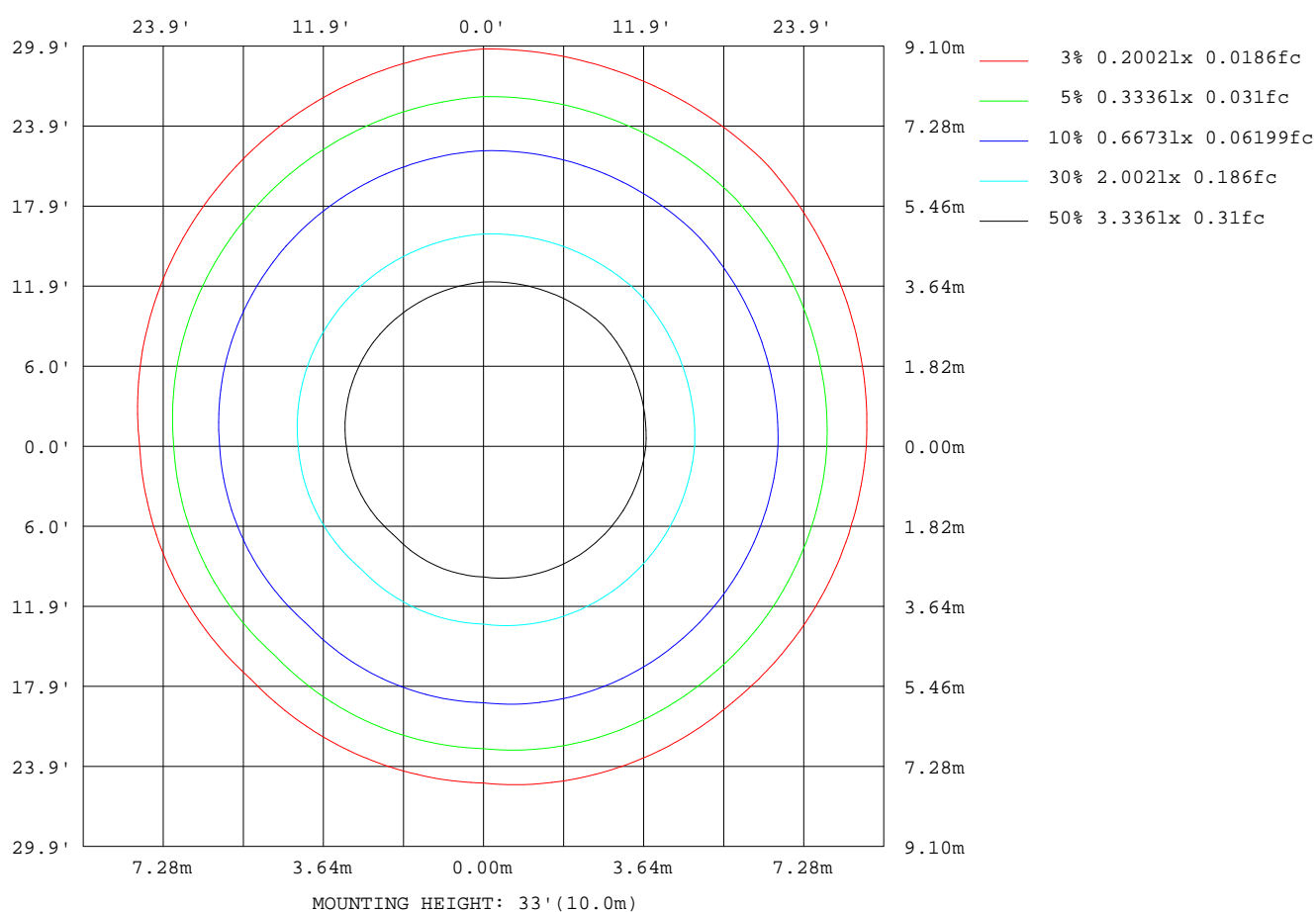
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.361
Humidity: 60%
Test Distance: 2.178m [K=1.0000]
Remarks:

Assessor:

standards: LM-79-08 INSTRUMENT: OP42001

ISOLUX DIAGRAM

Test:U:230.0V I:0.0246A P:4.730W PF:0.8359 Freq:50.00Hz Lamp Flux:409.997x1 lm		
NAME: LED5400##5WD	TYPE:LED	WEIGHT:
SPEC.:5.5W 2700K Fire, Air & Acoustic-Rated	DIM.:	SERIAL No.:170330002G
MFR.: Scolmore International Ltd	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:24.6DEG
Operators:WANG Yiwei
Test Date:30 March 2017

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.361
Humidity:60%
Test Distance:2.178m [K=1.0000]
Remarks:

Assessor:

standards: LM-79-08 INSTRUMENT:OP42001

LED Avg.L Report

Test:U:230.0V I:0.0246A P:4.730W PF:0.8359 Freq:50.00Hz Lamp Flux:409.997x1 lm		
NAME: LED5400##5WD	TYPE:LED	WEIGHT:
SPEC.:5.5W 2700K Fire, Air & Acoustic-Rated	DIM.:	SERIAL No.:170330002G
MFR.: Scolmore International Ltd	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	3198
L_0~180(75)av	2382
L_0~180(85)av	670
L_90~270(65)av	3114
L_90~270(75)av	2259
L_90~270(85)av	660
L_45(65)av	3125
L_45(75)av	2279
L_45(85)av	646

Standard: GB/T 29293-2012

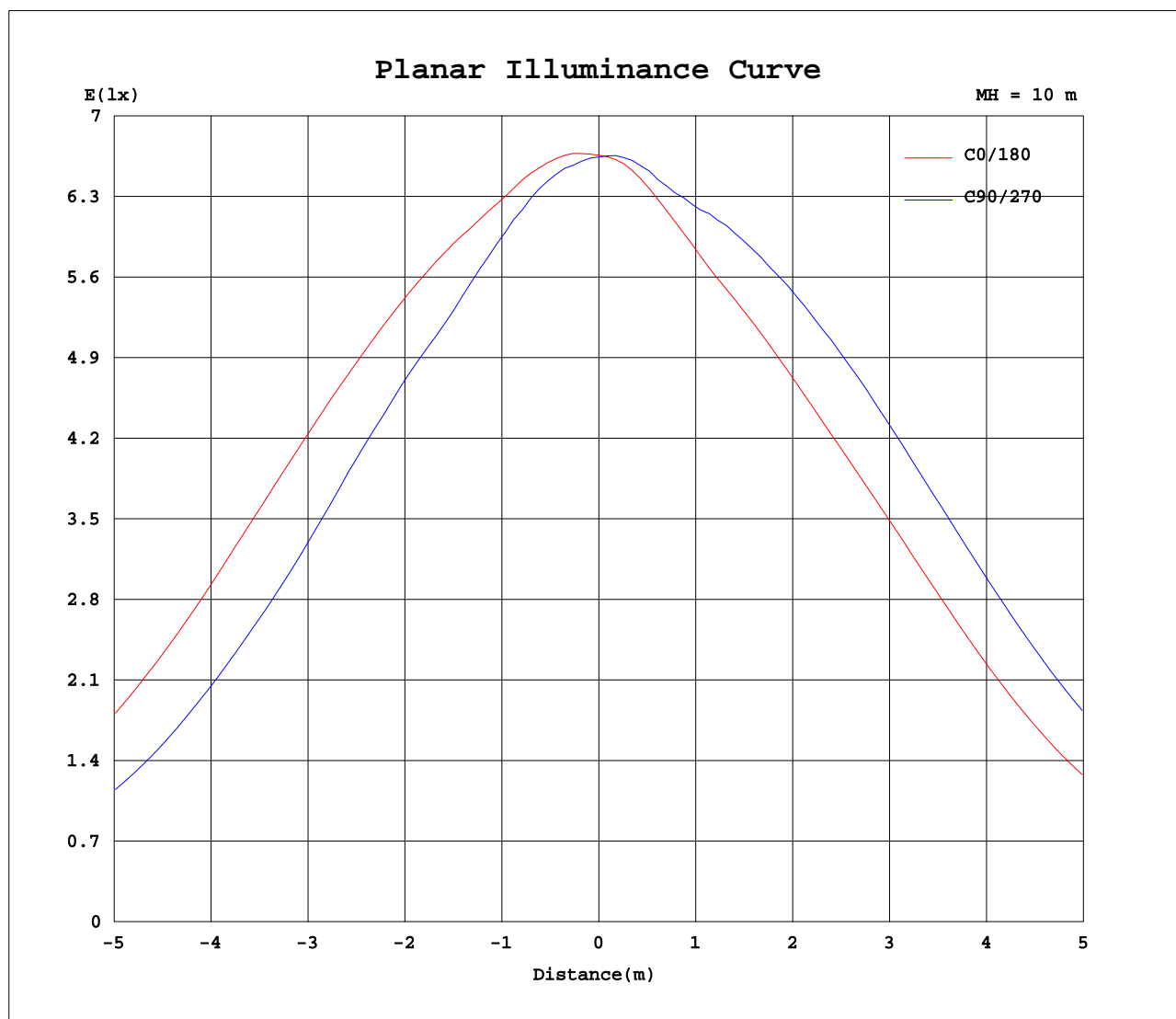
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:24.6DEG
Operators:WANG Yiwei
Test Date:30 March 2017

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.361
Humidity:60%
Test Distance:2.178m [K=1.0000]
Remarks:

Assessor:

standards: LM-79-08 INSTRUMENT:OP42001

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 24.6DEG
Operators: WANG Yiwei
Test Date: 30 March 2017

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.361
Humidity: 60%
Test Distance: 2.178m [K=1.0000]
Remarks:

Assessor:

standards: LM-79-08 INSTRUMENT: OP42001

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.0V I:0.0246A P:4.730W PF:0.8359 Freq:50.00Hz Lamp Flux:409.997x1 lm		
NAME: LED5400##5WD	TYPE:LED	WEIGHT:
SPEC.:5.5W 2700K Fire, Air & Acoustic-Rated	DIM.:	SERIAL No.:170330002G
MFR.: Scolmore International Ltd	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEC)	0	45	90	135	180	225	270	315										
γ (DEC)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85
0	666	665	664	665	666	665	664	665										
5	645	637	617	605	605	615	636	645										
10	592	554	523	512	524	560	595	612										
15	515	461	417	401	431	482	524	544										
20	410	355	297	282	322	373	417	439										
25	288	238	188	176	208	251	292	314										
30	179	142	107	97.4	119	151	180	194										
35	100.0	75.7	55.9	49.4	62.1	82.4	103	109										
40	53.0	37.7	28.3	26.4	33.1	45.5	59.4	61.5										
45	32.5	24.5	20.9	20.5	24.2	30.4	37.9	38.2										
50	22.5	19.7	18.2	18.1	20.2	22.6	25.1	24.6										
55	19.3	16.6	15.4	15.3	17.3	19.4	20.6	20.5										
60	16.9	14.7	13.7	13.8	15.3	17.1	18.0	17.6										
65	14.5	12.4	11.6	11.7	12.6	13.9	14.8	14.8										
70	11.1	9.12	8.52	8.36	9.52	10.2	10.6	11.0										
75	6.74	6.12	5.94	5.55	5.59	5.66	5.76	6.26										
80	2.40	2.74	2.78	2.45	2.13	1.76	1.62	2.05										
85	0.57	0.75	0.86	0.70	0.59	0.36	0.29	0.44										
90	0.10	0.22	0.32	0.36	0.11	0.03	0.04	0.27										
95	0.10	0.07	0.06	0.10	0.07	0.02	0.02	0.13										
100	0.06	0.06	0.05	0.09	0.04	0.01	0.02	0.08										
105	0.04	0.04	0.02	0.08	0.04	0.01	0.01	0.05										
110	0.04	0.02	0.01	0.07	0.04	0.01	0.01	0.04										
115	0.03	0.02	0.01	0.05	0.03	0.01	0.02	0.03										
120	0.02	0.02	0.02	0.04	0.02	0.01	0.02	0.02										
125	0.02	0.01	0.02	0.03	0.01	0.01	0.02	0.01										
130	0.01	0.01	0.02	0.02	0.01	0.01	0.02	0.01										
135	0.01	0.01	0.02	0.02	0.01	0.01	0.02	0.01										
140	0.01	0.01	0.01	0.02	0.01	0.01	0.02	0.01										
145	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01										
150	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02										
155	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02										
160	0.02	0.01	0.01	0.02	0.02	0.00	0.02	0.02										
165	0.04	0.03	0.02	0.05	0.02	0.00	0.02	0.03										
170	0.06	0.06	0.06	0.06	0.01	0.00	0.05	0.06										
175	0.07	0.04	0.04	0.07	0.00	0.00	0.06	0.03										
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00										

C Range: 0 - 360DEC
C Interval: 45.0DEC
Test Speed: HIGH
Temperature:24.6DEC
Operators:WANG Yiwei
Test Date:30 March 2017

γ Range: 0 - 180DEC
γ Interval: 0.5DEC
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.361
Humidity:60%
Test Distance:2.178m [K=1.0000]
Remarks:

Assessor:

standards: LM-79-08 INSTRUMENT:OP42001