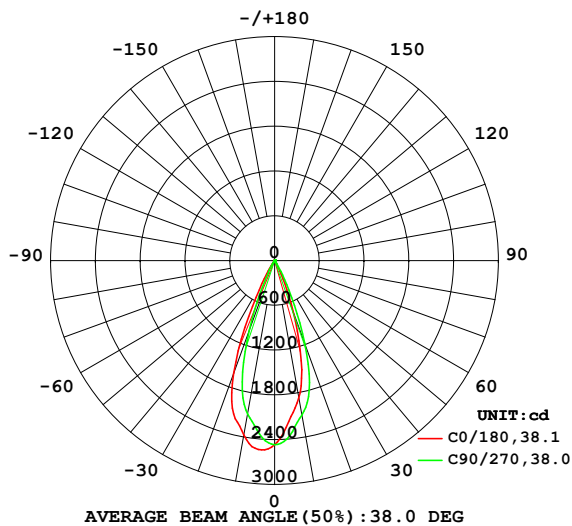


LUMINAIRE PHOTOMETRIC TEST REPORT

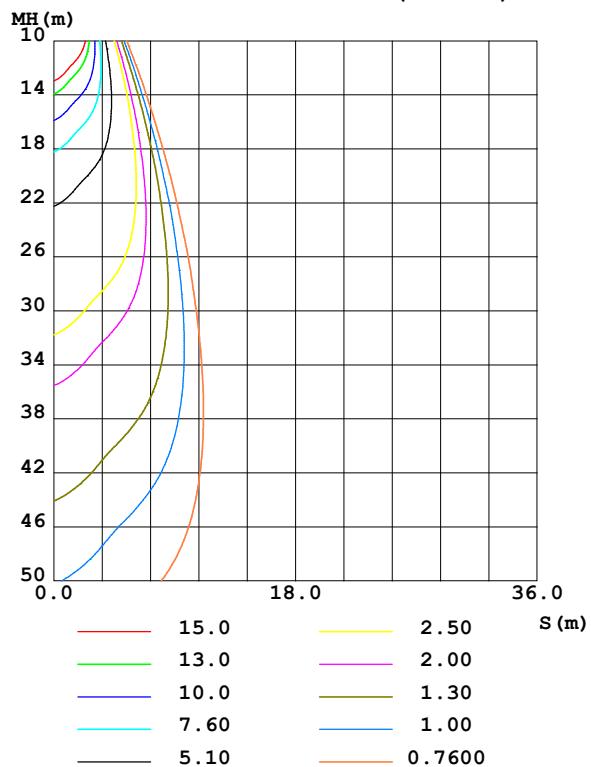
Test:U:220.56V I:0.0741A P:15.606W PF:0.9549 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:981.387x1 lm		
NAME: DL3788 2700K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 32	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 62.88 lm/W			
MODEL	DL3788 2700K RA90 36D	I _{max} (cd)	2541	S/MH(C0/180)	0.66
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.56
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	981.39	η UP,DN(C0-180)	0.3,49.9
NOMINAL FLUX(lm)	981.387	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,49.3
LAMPS INSIDE	1	η up (%)	0.8	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down (%)	99.2	CIBSE SHR MAX	0.60

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Lihong yun
Test Date:2023-04-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1871	1961	2103	2291	2372	2260	2092	1938	0- 10	216.5	216.5	22.1,22.1
20	734.0	891.3	1181	1537	1609	1395	991.8	759.6	10- 20	469.2	685.8	69.9,69.9
30	71.41	100.8	172.6	278.1	278.2	212.1	111.6	71.49	20- 30	247.0	932.8	95,95
40	7.357	8.829	14.23	21.49	23.43	18.92	10.83	7.319	30- 40	34.93	967.7	98.6,98.6
50	1.582	1.797	2.891	3.924	4.141	3.456	2.339	1.699	40- 50	4.879	972.6	99.1,99.1
60	0.2003	0.1857	0.2610	0.4445	0.5316	0.5228	0.2753	0.1751	50- 60	1.043	973.6	99.2,99.2
70	0.1022	0.0836	0.1027	0.1039	0.0844	0.1039	0.1118	0.0970	60- 70	0.1513	973.8	99.2,99.2
80	0.0978	0.0768	0.0845	0.0969	0.0889	0.1062	0.1642	0.1059	70- 80	0.1035	973.9	99.2,99.2
90	0.0111	0.0045	0.0046	0.0073	0	0	0.0046	0	80- 90	0.0645	974.0	99.2,99.2
100	0.0288	0.0158	0.0091	0	0.0045	0.0045	0.0091	0.0116	90-100	0.0079	974.0	99.2,99.2
110	0.0799	0.0700	0.0570	0.0461	0.0178	0.0249	0.0480	0.0416	100-110	0.0314	974.0	99.2,99.2
120	0.1443	0.1264	0.1049	0.0923	0.0913	0.1200	0.1876	0.2705	110-120	0.0817	974.1	99.3,99.3
130	0.6165	0.4938	0.3372	0.2580	0.6166	0.7286	0.9829	1.280	120-130	0.3146	974.4	99.3,99.3
140	1.991	1.724	1.329	1.064	1.973	2.159	2.611	3.069	130-140	0.9729	975.4	99.4,99.4
150	3.835	3.536	3.058	2.670	3.935	4.129	4.603	4.990	140-150	1.803	977.2	99.6,99.6
160	5.025	4.919	4.675	4.421	5.631	5.741	5.934	5.911	150-160	2.127	979.3	99.8,99.8
170	5.263	5.340	5.390	5.336	5.985	5.957	5.837	5.625	160-170	1.556	980.8	99.9,99.9
180	5.694	5.801	5.673	5.703	5.761	5.835	5.716	5.729	170-180	0.5367	981.4	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 970.99 lm

%lum = 98.9%

%lamp = 98.9%

Conical surface Flux(130deg): 973.73 lm

%lum = 99.2%

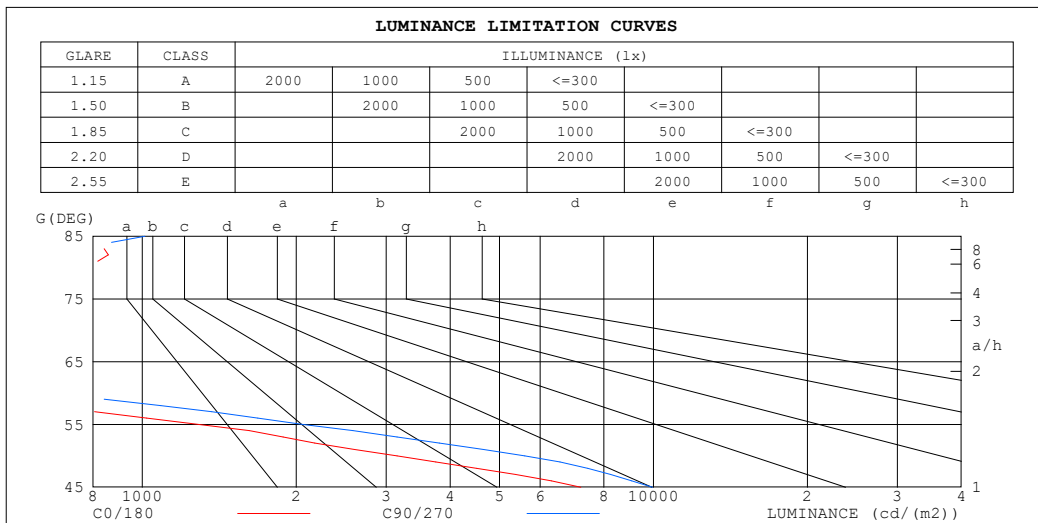
%lamp = 99.2%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:Lihong yun
 Test Date:2023-04-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
 Humidity:65.0%
 Test Distance:7.580m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.56V I:0.0741A P:15.606W PF:0.9549 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:981.387x1 lm		
NAME: DL3788 2700K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 32	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	365	1012
80	720	606
75	483	494
70	382	374
65	391	364
60	513	650
55	1293	2063
50	3149	5604
45	7204	9957

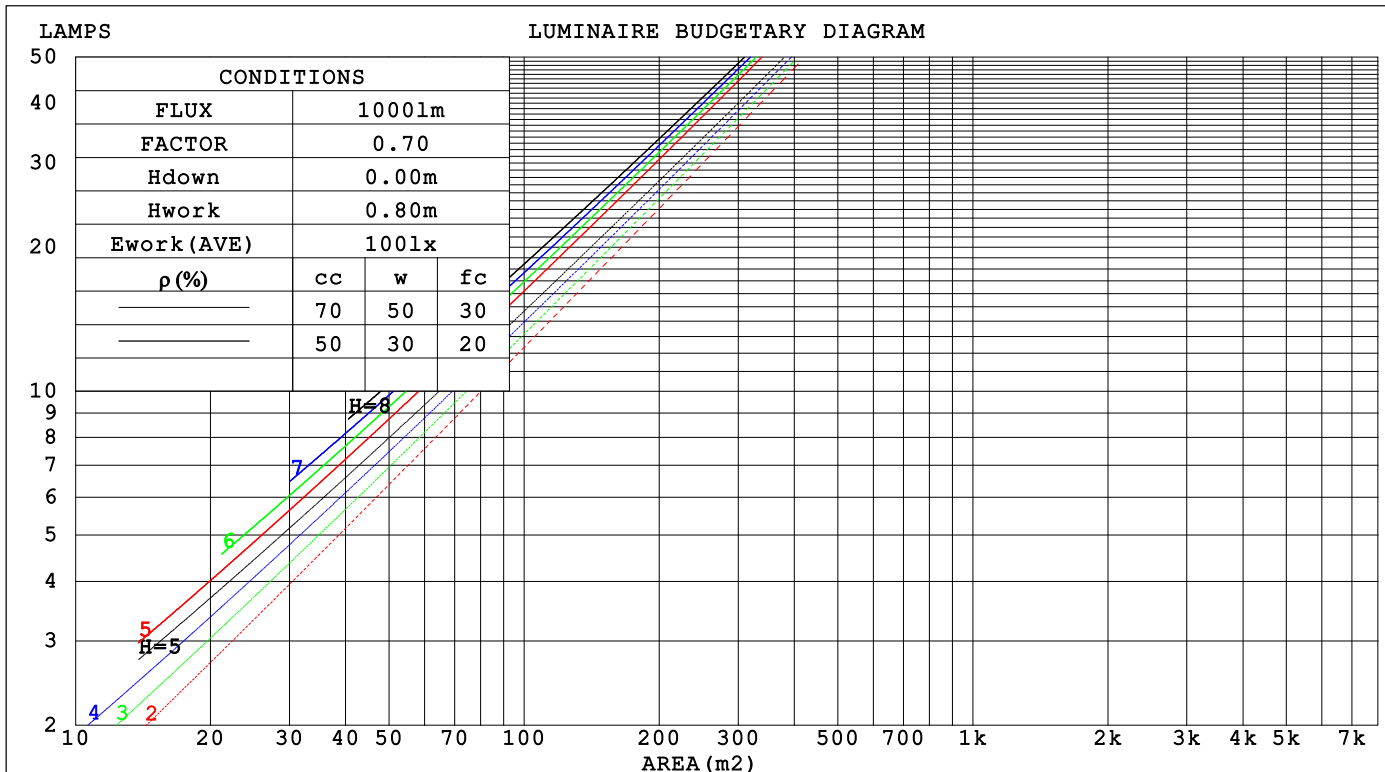
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Lihong yun
Test Date:2023-04-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.56V I:0.0741A P:15.606W PF:0.9549 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:981.387x1 lm		
NAME: DL3788 2700K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 32	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	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	1.01	1.01	1.01	.99
1.0	1.12	1.10	1.08	1.10	1.08	1.07	1.06	1.04	1.03	1.02	1.01	.00	.99	.98	.97	.95
2.0	1.06	1.03	1.00	1.05	1.02	.99	1.01	.99	.97	.98	.96	.95	.96	.94	.93	.91
3.0	1.01	.97	.94	.00	.96	.93	.97	.94	.92	.95	.92	.90	.93	.91	.89	.88
4.0	.97	.92	.89	.95	.92	.88	.93	.90	.87	.91	.89	.86	.90	.87	.85	.84
5.0	.92	.88	.85	.92	.87	.84	.90	.86	.83	.88	.85	.83	.87	.84	.82	.81
6.0	.89	.84	.81	.88	.84	.80	.86	.83	.80	.85	.82	.79	.84	.81	.79	.78
7.0	.85	.80	.77	.84	.80	.77	.83	.79	.77	.82	.79	.76	.81	.78	.76	.75
8.0	.82	.77	.74	.81	.77	.74	.80	.76	.74	.79	.76	.73	.78	.75	.73	.72
9.0	.79	.74	.71	.78	.74	.71	.78	.74	.71	.77	.73	.71	.76	.73	.70	.69
10.0	.76	.72	.69	.76	.71	.68	.75	.71	.68	.74	.71	.68	.73	.70	.68	.67



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Lihong yun
Test Date:2023-04-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:220.56V I:0.0741A P:15.606W PF:0.9549 Freq:49.99Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:981.387x1 lm		
NAME: DL3788 2700K RA90 36D			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: VJC Lighting			SUR.: 32			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	.147	.084	.026	.140	.080	.025	.127	.073	.023	.115	.067	.021	.104	.061	.020		
2.0	.137	.075	.023	.131	.072	.022	.121	.067	.021	.111	.062	.019	.102	.058	.018		
3.0	.129	.069	.021	.124	.066	.020	.115	.062	.019	.107	.058	.018	.099	.055	.017		
4.0	.121	.063	.019	.117	.061	.018	.110	.058	.017	.103	.055	.017	.096	.052	.016		
5.0	.115	.059	.017	.112	.057	.017	.105	.055	.016	.099	.052	.016	.093	.050	.015		
6.0	.109	.055	.016	.106	.054	.015	.101	.052	.015	.095	.050	.015	.090	.048	.014		
7.0	.105	.052	.015	.102	.051	.014	.097	.049	.014	.092	.047	.014	.088	.046	.013		
8.0	.100	.049	.014	.098	.048	.014	.093	.047	.013	.089	.045	.013	.085	.044	.013		
9.0	.096	.046	.013	.094	.046	.013	.090	.044	.013	.086	.043	.012	.083	.042	.012		
10.0	.092	.044	.012	.090	.044	.012	.087	.043	.012	.083	.041	.012	.080	.040	.012		

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	.196	.196	.196	.168	.168	.168	.114	.114	.114	.066	.066	.066	.021	.021	.021		
1.0	.175	.163	.153	.150	.140	.132	.102	.096	.091	.059	.056	.053	.019	.018	.017		
2.0	.157	.139	.123	.135	.119	.106	.092	.082	.074	.053	.048	.043	.017	.016	.014		
3.0	.143	.119	.100	.123	.103	.087	.084	.071	.061	.049	.042	.036	.016	.014	.012		
4.0	.131	.104	.083	.113	.090	.072	.077	.063	.051	.045	.037	.030	.014	.012	.010		
5.0	.121	.092	.070	.104	.080	.061	.072	.056	.043	.042	.033	.026	.013	.011	.008		
6.0	.113	.082	.060	.097	.071	.052	.067	.050	.037	.039	.029	.022	.013	.010	.007		
7.0	.106	.074	.052	.091	.064	.045	.063	.045	.032	.037	.027	.019	.012	.009	.006		
8.0	.100	.068	.046	.086	.059	.040	.059	.041	.028	.035	.024	.017	.011	.008	.006		
9.0	.094	.062	.040	.081	.054	.035	.056	.038	.025	.033	.022	.015	.011	.007	.005		
10.0	.090	.058	.036	.077	.050	.032	.054	.035	.022	.031	.021	.013	.010	.007	.004		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Lihong yun
Test Date:2023-04-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.56V I:0.0741A P:15.606W PF:0.9549 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0Lamp Flux:981.387x1 lm											
NAME: DL3788 2700K RA90 36D					TYPE:			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.: VJC Lighting					SUR.: 32			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	7.7	8.4	7.9	8.6	8.7	11.5	12.2	11.7	12.4	12.6	
	3H	7.5	8.2	7.8	8.4	8.6	11.4	12.0	11.6	12.2	
	4H	7.5	8.1	7.7	8.3	8.5	11.3	11.9	11.5	12.1	
	6H	7.4	8.0	7.7	8.2	8.5	11.2	11.8	11.5	12.0	
	8H	7.3	7.9	7.7	8.2	8.4	11.1	11.7	11.5	12.0	
	12H	7.3	7.9	7.6	8.1	8.4	11.1	11.7	11.4	11.9	
4H	2H	7.5	8.1	7.7	8.3	8.5	11.3	11.9	11.5	12.1	
	3H	7.3	7.8	7.6	8.1	8.4	11.1	11.6	11.4	11.9	
	4H	7.2	7.7	7.5	8.0	8.3	11.0	11.5	11.3	11.8	
	6H	7.1	7.6	7.5	7.9	8.2	10.9	11.3	11.3	11.7	
	8H	7.1	7.5	7.5	7.8	8.2	10.8	11.3	11.2	11.6	
	12H	7.0	7.4	7.4	7.8	8.2	10.8	11.2	11.2	11.6	
8H	4H	7.0	7.5	7.4	7.8	8.2	10.8	11.3	11.2	11.6	
	6H	6.9	7.3	7.4	7.7	8.1	10.7	11.1	11.2	11.5	
	8H	6.9	7.2	7.4	7.6	8.1	10.7	11.0	11.1	11.4	
	12H	6.8	7.1	7.3	7.6	8.0	10.6	10.9	11.1	11.3	
12H	4H	7.0	7.4	7.4	7.7	8.2	10.8	11.2	11.2	11.5	
	6H	6.9	7.2	7.3	7.6	8.1	10.7	11.0	11.1	11.4	
	8H	6.8	7.1	7.3	7.6	8.0	10.6	10.9	11.1	11.3	
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 3.6 / -10.4					+ 4.8 / -13.6					
1.5H	+ 5.6 / - 9.4					+ 7.0 / -12.0					
2.0H	+ 6.3 / - 6.6					+ 6.6 / - 9.0					

CIE Pub.117, 981.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.1)
Area: 0.0008 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Lihong yun
Test Date:2023-04-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.56V I:0.0741A P:15.606W PF:0.9549 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:981.387x1 lm		
NAME: DL3788 2700K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 32	Shielding Angle:

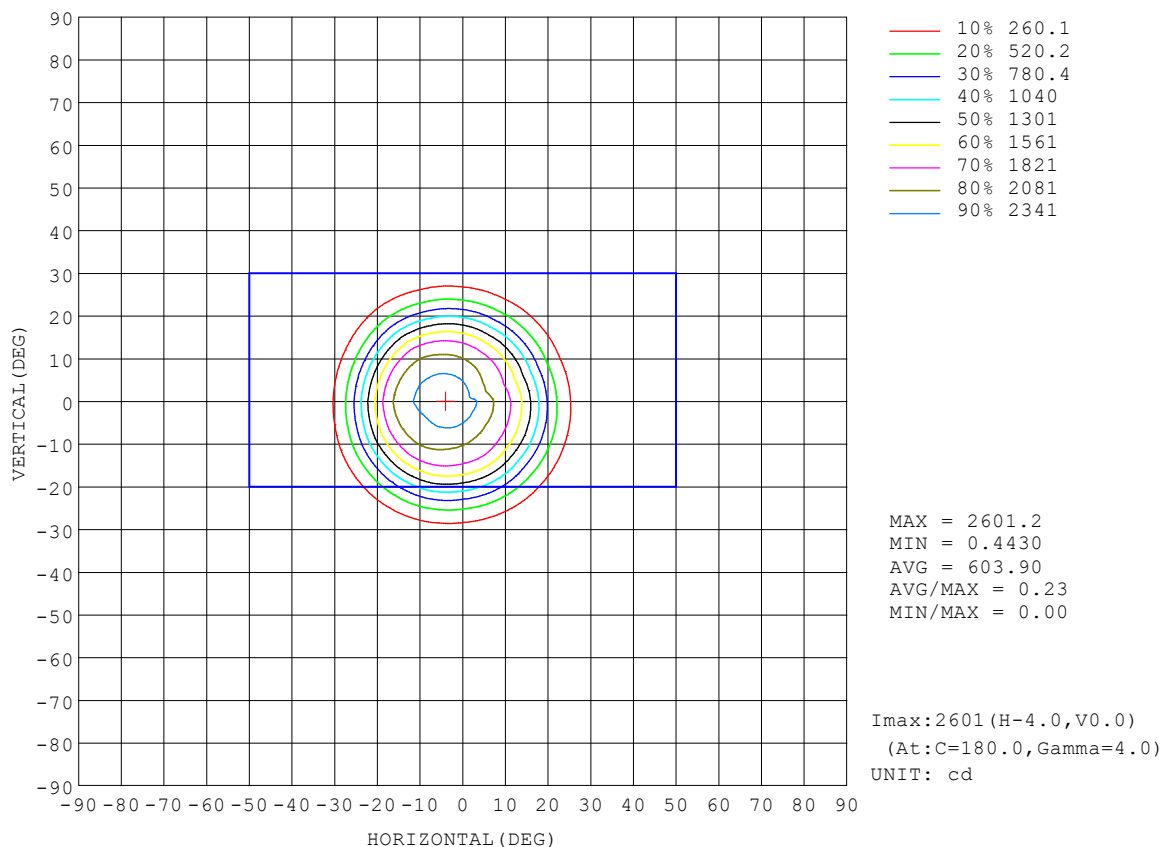
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	91	85	82	90	85	82	89	84	81	78
0.80	98	92	89	97	92	89	96	91	89	85
1.00	101	96	93	101	96	93	99	96	92	89
1.25	105	100	97	104	100	97	102	98	96	92
1.50	107	103	100	106	102	100	104	101	98	94
2.00	110	106	103	108	105	102	105	103	100	95
2.50	111	108	105	109	106	104	106	104	102	96
3.00	112	109	107	111	108	106	107	105	103	97
4.00	114	112	110	112	110	108	109	107	106	98
5.00	115	113	112	113	112	110	109	108	107	99
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3℃
Operators: Lihong yun
Test Date: 2023-04-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 7.580m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.56V I:0.0741A P:15.606W PF:0.9549 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:981.387x1 lm		
NAME: DL3788 2700K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 32	Shielding Angle:

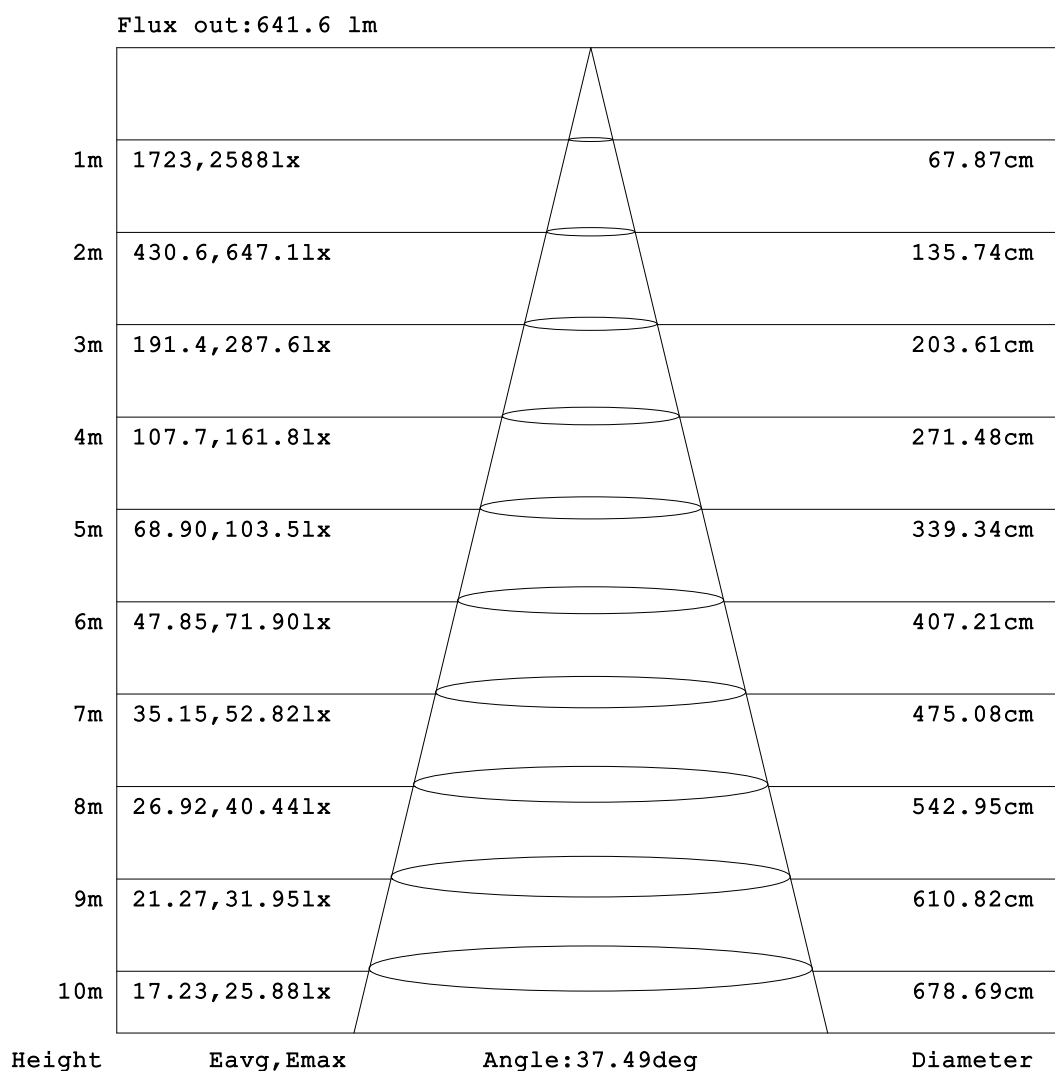


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Lihong yun
Test Date: 2023-04-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 7.580m [K=1.0000]
Remarks:

AAI Figure

Test:U:220.56V I:0.0741A P:15.606W PF:0.9549 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:981.387x1 lm		
NAME: DL3788 2700K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 32	Shielding Angle:



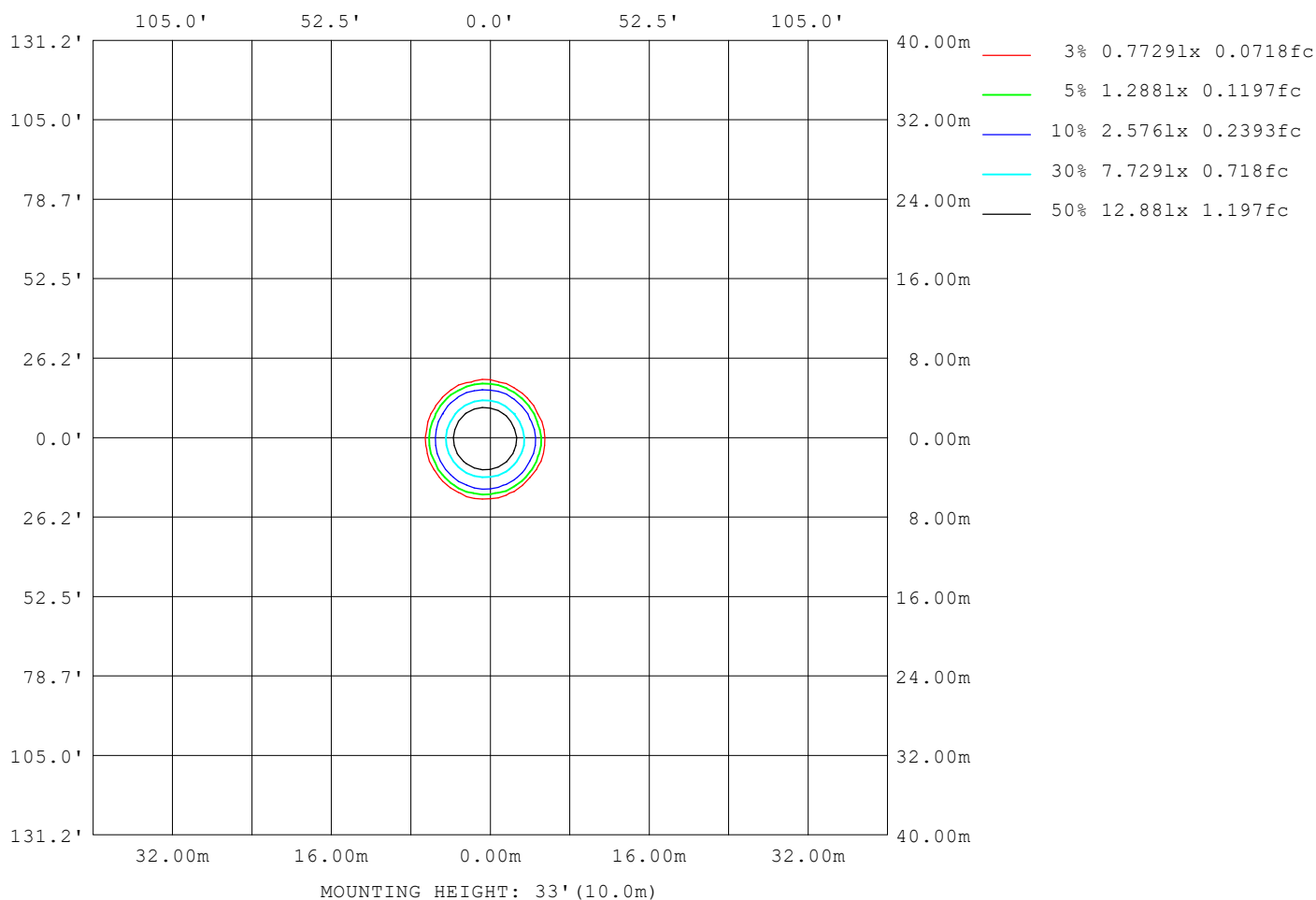
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3℃
Operators: Lihong yun
Test Date: 2023-04-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 7.580m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:220.56V I:0.0741A P:15.606W PF:0.9549 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:981.387x1 lm		
NAME: DL3788 2700K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 32	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Lihong yun
Test Date: 2023-04-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 7.580m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:220.56V I:0.0741A P:15.606W PF:0.9549 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:981.387x1 lm		
NAME: DL3788 2700K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 32	Shielding Angle:

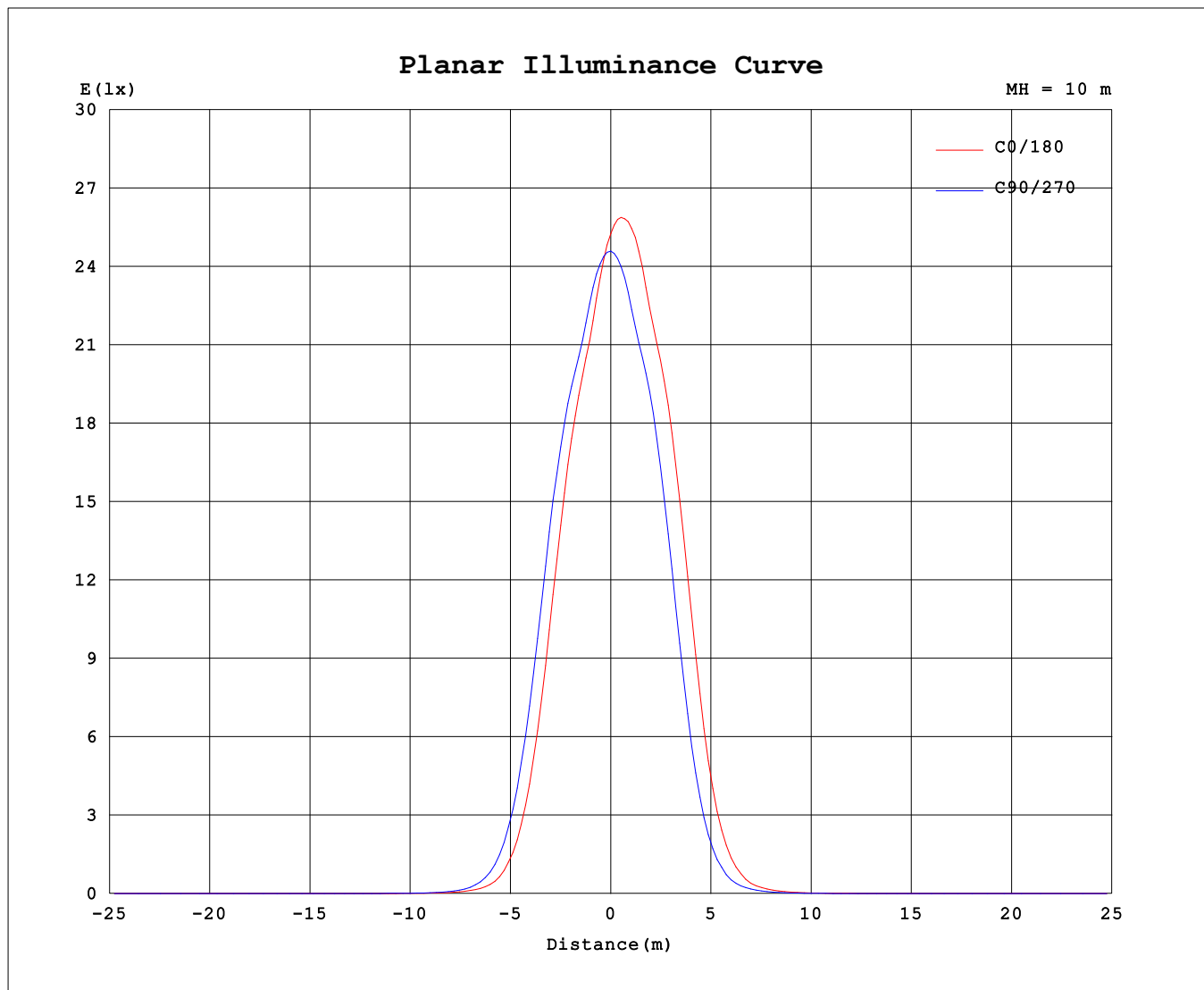
AvgL	cd/m2
L_0~180 (65) av	397
L_0~180 (75) av	440
L_0~180 (85) av	815
L_90~270 (65) av	371
L_90~270 (75) av	562
L_90~270 (85) av	1128
L_45 (65) av	371
L_45 (75) av	477
L_45 (85) av	915

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Lihong yun
Test Date:2023-04-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: Lihong yun
Test Date: 2023-04-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 7.580m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.56V I:0.0741A P:15.606W PF:0.9549 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:981.387x1 lm		
NAME: DL3788 2700K RA90 36D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 32	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	2467	2467	2467	2467	2467	2467	2467	2467	2467	2467	2467	2467	2467	2467	2467	2467			
5	2167	2183	2218	2282	2354	2437	2495	2536	2541	2521	2484	2414	2335	2257	2198	2174			
10	1871	1907	1961	2025	2103	2183	2291	2361	2372	2340	2260	2166	2092	2011	1938	1896			
15	1389	1445	1540	1686	1794	1940	2071	2160	2126	2071	2001	1836	1683	1535	1446	1371			
20	734	806	891	1039	1181	1381	1537	1654	1609	1513	1395	1166	992	836	760	710			
25	271	309	364	453	546	685	800	881	828	733	649	498	394	315	273	252			
30	71.4	83.3	101	141	173	235	278	304	278	243	212	150	112	85.2	71.5	67.1			
35	21.7	23.6	27.2	35.1	45.2	61.7	71.4	77.1	72.0	67.4	56.7	42.1	32.5	26.1	21.8	19.6			
40	7.36	7.77	8.83	11.5	14.2	18.4	21.5	23.6	23.4	21.3	18.9	14.3	10.8	8.37	7.32	6.57			
45	3.98	4.21	4.49	5.14	5.65	6.24	7.12	7.56	7.73	6.95	6.17	5.60	4.80	4.27	4.14	3.68			
50	1.58	1.61	1.80	2.30	2.89	3.32	3.92	4.03	4.14	3.96	3.46	2.97	2.34	2.01	1.70	1.46			
55	0.58	0.53	0.58	0.70	0.95	1.20	1.50	1.64	1.65	1.58	1.35	1.14	0.87	0.75	0.62	0.60			
60	0.20	0.16	0.19	0.21	0.26	0.39	0.44	0.51	0.53	0.51	0.52	0.38	0.28	0.23	0.18	0.19			
65	0.13	0.09	0.11	0.09	0.12	0.10	0.13	0.13	0.14	0.18	0.15	0.17	0.13	0.14	0.11	0.13			
70	0.10	0.07	0.08	0.07	0.10	0.10	0.10	0.08	0.08	0.11	0.10	0.12	0.11	0.11	0.10	0.10			
75	0.10	0.07	0.08	0.07	0.10	0.10	0.10	0.07	0.08	0.10	0.11	0.11	0.13	0.14	0.12	0.10			
80	0.10	0.07	0.08	0.05	0.08	0.07	0.10	0.07	0.09	0.10	0.11	0.12	0.16	0.18	0.11	0.10			
85	0.02	0.01	0.04	0.03	0.07	0.06	0.09	0.07	0.09	0.10	0.10	0.12	0.09	0.08	0.03	0.02			
90	0.01	0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.02	0.00	0.00			
95	0.01	0.03	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00			
100	0.03	0.04	0.02	0.04	0.01	0.03	0.00	0.02	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00			
105	0.05	0.07	0.05	0.06	0.03	0.05	0.02	0.04	0.01	0.00	0.01	0.00	0.02	0.02	0.03	0.00			
110	0.08	0.10	0.07	0.09	0.06	0.07	0.05	0.07	0.02	0.00	0.02	0.01	0.05	0.02	0.04	0.01			
115	0.10	0.12	0.09	0.11	0.08	0.10	0.07	0.09	0.04	0.02	0.04	0.04	0.08	0.07	0.09	0.08			
120	0.14	0.16	0.13	0.14	0.10	0.12	0.09	0.12	0.09	0.08	0.12	0.12	0.19	0.21	0.27	0.28			
125	0.28	0.28	0.23	0.21	0.16	0.17	0.13	0.16	0.26	0.26	0.32	0.37	0.48	0.56	0.66	0.71			
130	0.62	0.58	0.49	0.43	0.34	0.31	0.26	0.27	0.62	0.64	0.73	0.83	0.98	1.14	1.28	1.38			
135	1.20	1.12	0.99	0.86	0.72	0.64	0.56	0.56	1.19	1.23	1.35	1.51	1.71	1.93	2.10	2.23			
140	1.99	1.89	1.72	1.53	1.33	1.18	1.06	1.04	1.97	2.02	2.16	2.36	2.61	2.87	3.07	3.21			
145	2.92	2.80	2.61	2.38	2.13	1.93	1.79	1.76	2.91	2.97	3.11	3.33	3.61	3.88	4.07	4.22			
150	3.83	3.73	3.54	3.30	3.06	2.83	2.67	2.63	3.93	3.98	4.13	4.35	4.60	4.83	4.99	5.10			
155	4.58	4.51	4.35	4.17	3.95	3.76	3.59	3.56	4.90	4.92	5.07	5.23	5.43	5.55	5.64	5.68			
160	5.02	5.01	4.92	4.83	4.67	4.55	4.42	4.40	5.63	5.62	5.74	5.82	5.93	5.92	5.91	5.87			
165	5.21	5.24	5.23	5.25	5.16	5.11	5.02	5.03	6.00	5.96	6.03	6.00	6.01	5.94	5.81	5.75			
170	5.26	5.33	5.34	5.43	5.39	5.39	5.34	5.42	5.98	5.99	5.96	5.89	5.84	5.75	5.62	5.53			
175	5.43	5.53	5.56	5.58	5.48	5.54	5.56	5.60	5.83	5.87	5.90	5.79	5.73	5.70	5.67	5.52			
180	5.69	5.78	5.80	5.74	5.67	5.70	5.70	5.67	5.76	5.76	5.83	5.72	5.72	5.68	5.73	5.64			

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:Lihong yun

Test Date:2023-04-21

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