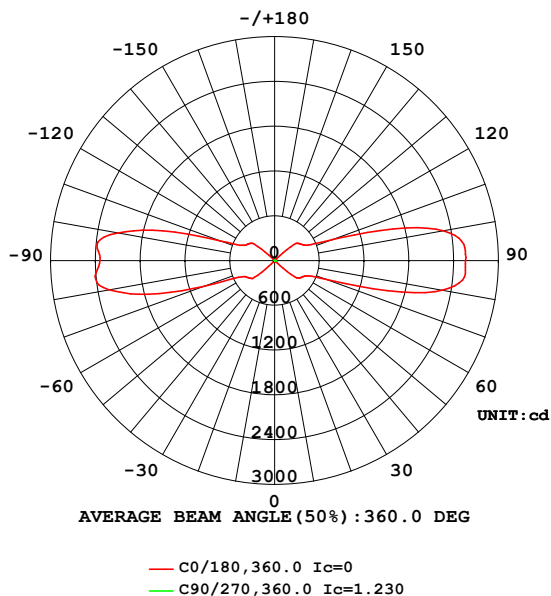


LUMINAIRE PHOTOMETRIC TEST REPORT

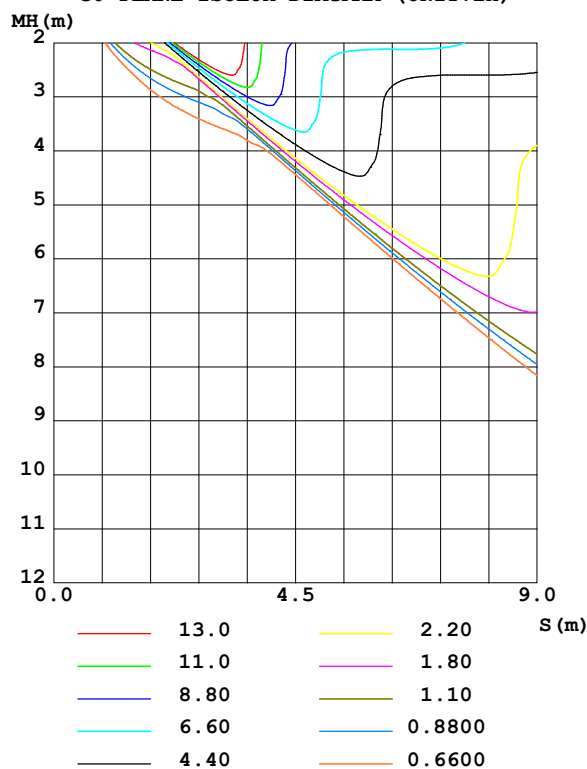
Test:U:119.78V I:0.1966A P:23.329W PF:0.9905 Freq:59.98Hz Lamp Flux:2289.11x1 lm		
NAME: 1013 圓桶壁灯 21W 普瑞 COB FULL 110B-L	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m²	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 98.12 lm/W			
MODEL		I _{max} (cd)	2565	S/MH(C0/180)	0.00
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)		TOTAL FLUX(lm)	2289.1	η UP,DN(C0-180)	25.3,25.1
NOMINAL FLUX(lm)	2289.11	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	24.2,25.3
LAMPS INSIDE	1	η up (%)	49.6	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)		η down (%)	50.4	CIBSE SHR MAX	0.00

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:
Test Date:2023-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

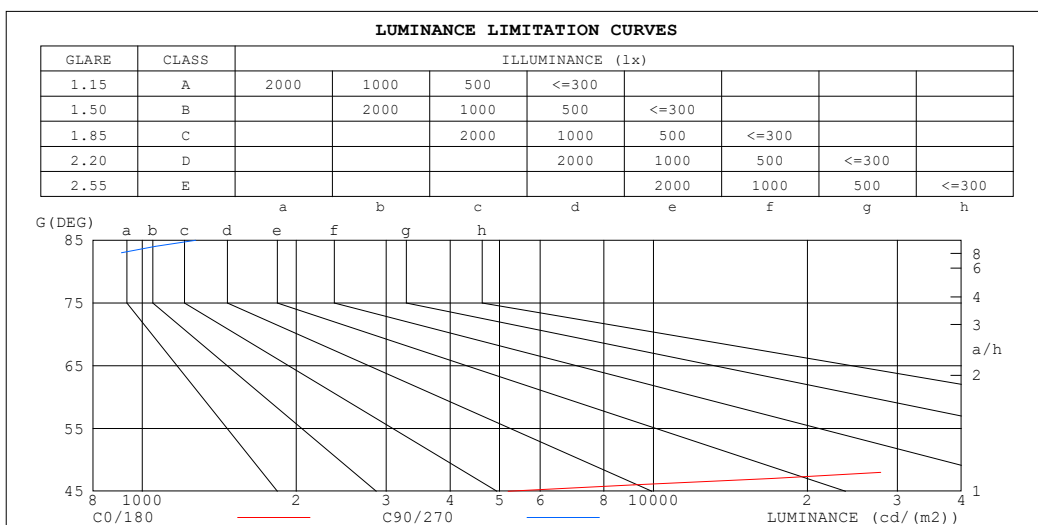
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	
10	0.7492	0.5439	1.218	0.9079	0.7331	0.8181	1.178	0.5899	0- 10	0.0581	0.0581	0.0581
20	1.588	0.8530	1.166	1.093	1.698	1.131	1.110	0.9457	10- 20	0.2857	0.3438	0.3438
30	6.945	1.477	1.114	2.313	7.705	2.330	1.046	1.451	20- 30	0.9566	1.300	1.300
40	18.14	4.169	1.070	5.840	18.97	5.755	1.010	3.755	30- 40	3.279	4.579	4.579
50	288.6	8.948	1.010	10.56	353.0	11.05	0.9668	8.572	40- 50	16.42	21.00	21.00
60	436.7	14.38	0.9663	15.74	441.4	16.31	0.9375	13.96	50- 60	106.1	127.1	127.1
70	745.1	20.87	0.9517	22.35	1003	22.34	0.9299	20.61	60- 70	179.0	306.0	306.0
80	2286	28.77	0.9425	31.72	2256	34.90	0.9293	30.93	70- 80	348.0	654.1	654.1
90	2558	40.98	0.9386	39.73	2341	49.80	0.8974	37.22	80- 90	500.5	1155	1155
100	2299	30.24	0.8935	28.71	2141	30.50	0.8532	31.73	90-100	496.6	1651	1651
110	832.1	21.16	0.8254	19.67	788.9	21.59	0.7932	23.65	100-110	338.7	1990	1990
120	430.7	14.54	0.7733	13.71	434.0	15.60	0.7512	16.76	110-120	174.8	2165	2165
130	336.2	9.289	0.7525	8.696	299.5	10.68	0.7451	10.88	120-130	103.9	2268	2268
140	18.72	4.729	0.7486	4.284	17.95	5.306	0.7390	5.282	130-140	16.11	2285	2285
150	7.452	1.752	0.7407	1.820	7.182	2.057	0.7302	1.869	140-150	3.242	2288	2288
160	1.717	0.9860	0.6851	1.162	1.612	1.326	0.6770	0.9770	150-160	0.9338	2289	2289
170	0.7733	0.9334	0.6245	0.7025	1.188	0.6875	0.6232	0.8262	160-170	0.2764	2289	2289
180	0	0.0841	0.6250	0.0962	0	0.0601	0.6170	0.0962	170-180	0.0481	2289	2289
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2023-12-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.78V I:0.1966A P:23.329W PF:0.9905 Freq:59.98Hz Lamp Flux:2289.11x1 lm		
NAME: 1013 圆桶壁灯 21W 普瑞 COB FULL 110B-L	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m ²	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3448550	1271
80	1550502	639
75	713665	430
70	256600	328
65	136451	267
60	102868	228
55	83843	202
50	52891	185
45	5199	175

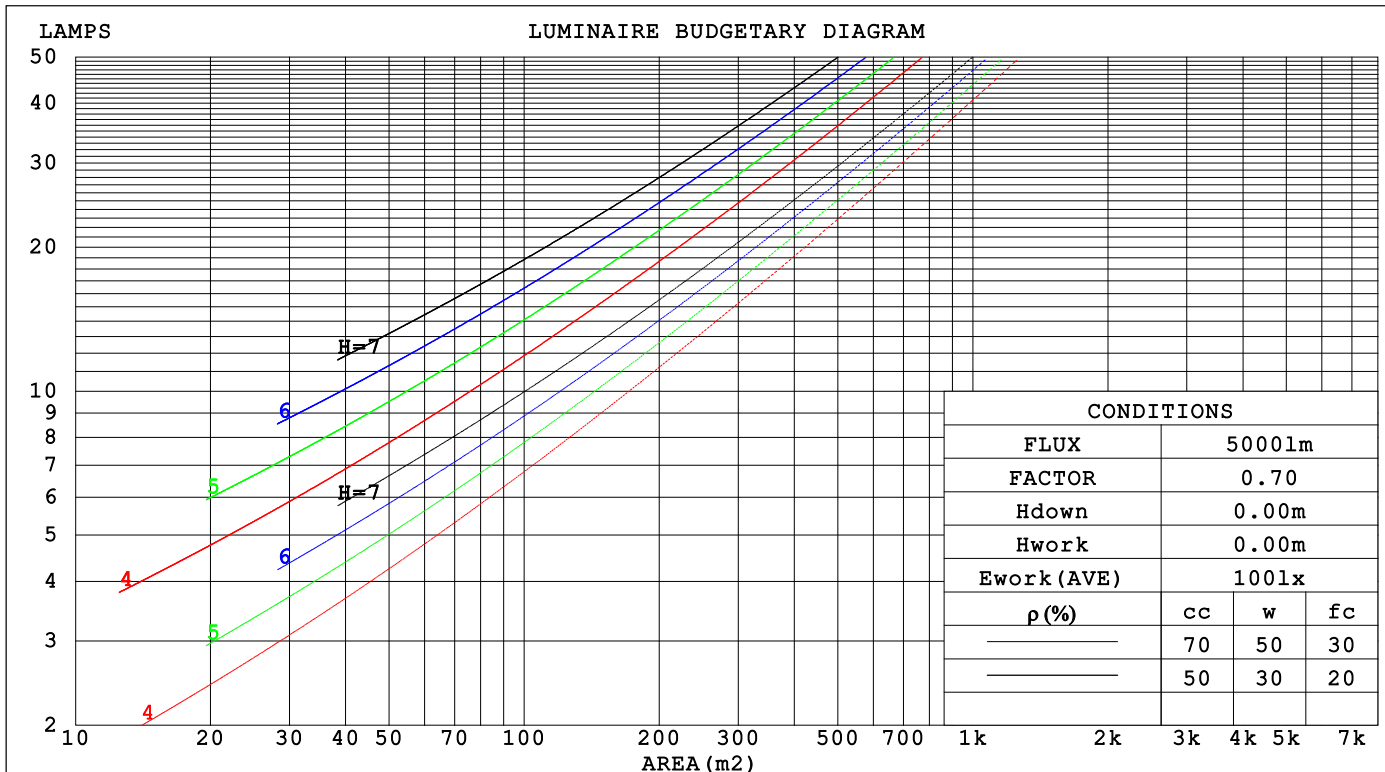
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators:
Test Date: 2023-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.461
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.78V I:0.1966A P:23.329W PF:0.9905 Freq:59.98Hz Lamp Flux:2289.11x1 lm		
NAME: 1013 圓桶壁燈 21W 普瑞 COB FULL 110B-L	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m²	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	1.07	1.07	1.07	.99	.99	.99	.84	.84	.84	.69	.69	.69	.57	.57	.57	.50														
1.0	.79	.71	.64	.71	.64	.58	.58	.52	.47	.45	.41	.37	.34	.30	.27	.21														
2.0	.64	.54	.46	.58	.49	.41	.46	.39	.33	.35	.29	.24	.25	.20	.17	.11														
3.0	.54	.43	.35	.49	.39	.31	.38	.31	.24	.29	.23	.18	.20	.15	.11	.06														
4.0	.47	.36	.28	.42	.32	.25	.33	.25	.19	.25	.18	.13	.17	.12	.08	.04														
5.0	.41	.30	.23	.37	.27	.20	.29	.21	.15	.22	.15	.11	.15	.10	.06	.02														
6.0	.36	.26	.19	.33	.23	.17	.26	.18	.13	.19	.13	.09	.13	.09	.05	.02														
7.0	.32	.23	.16	.29	.20	.14	.23	.16	.11	.17	.12	.07	.12	.07	.04	.01														
8.0	.29	.20	.14	.26	.18	.12	.21	.14	.09	.16	.10	.06	.11	.07	.03	.01														
9.0	.27	.18	.12	.24	.16	.11	.19	.13	.08	.15	.09	.05	.10	.06	.03	.01														
10.0	.24	.16	.11	.22	.14	.09	.18	.11	.07	.13	.08	.05	.10	.05	.03	.00														



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2023-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:119.78V I:0.1966A P:23.329W PF:0.9905 Freq:59.98Hz Lamp Flux:2289.11x1 lm		
NAME: 1013 圓桶壁灯 21W 普瑞 COB FULL 110B-L	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m²	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	.565	.321	.102	.542	.309	.098	.500	.287	.092	.460	.266	.085	.424	.246	.079		
2.0	.429	.235	.072	.409	.225	.069	.370	.206	.064	.334	.187	.059	.300	.170	.054		
3.0	.355	.189	.057	.336	.180	.054	.300	.163	.049	.267	.146	.045	.237	.131	.041		
4.0	.305	.158	.047	.287	.150	.044	.255	.135	.040	.224	.120	.036	.196	.107	.032		
5.0	.268	.136	.040	.252	.129	.038	.222	.116	.034	.194	.102	.030	.168	.090	.027		
6.0	.240	.120	.034	.225	.114	.033	.197	.101	.029	.172	.089	.026	.148	.078	.023		
7.0	.217	.107	.030	.204	.101	.029	.178	.090	.026	.154	.079	.023	.132	.068	.020		
8.0	.198	.097	.027	.186	.092	.026	.162	.081	.023	.140	.071	.020	.119	.061	.018		
9.0	.183	.088	.025	.171	.083	.023	.149	.074	.021	.129	.064	.018	.109	.055	.016		
10.0	.169	.081	.023	.159	.077	.021	.138	.068	.019	.119	.059	.017	.100	.051	.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	.568	.568	.568	.486	.486	.486	.331	.331	.331	.190	.190	.190	.061	.061	.061		
1.0	.579	.535	.495	.495	.459	.426	.339	.316	.295	.195	.183	.171	.062	.059	.055		
2.0	.574	.515	.465	.492	.443	.402	.337	.306	.280	.194	.178	.164	.062	.058	.054		
3.0	.566	.500	.448	.485	.432	.388	.333	.300	.272	.192	.175	.160	.062	.057	.053		
4.0	.558	.489	.437	.478	.423	.380	.329	.295	.267	.190	.173	.158	.061	.056	.052		
5.0	.549	.481	.430	.471	.416	.374	.325	.290	.264	.188	.171	.157	.061	.056	.052		
6.0	.541	.473	.425	.465	.410	.370	.321	.287	.262	.186	.169	.156	.060	.055	.051		
7.0	.533	.467	.421	.458	.405	.367	.317	.284	.260	.184	.167	.155	.059	.055	.051		
8.0	.525	.462	.418	.452	.401	.365	.313	.281	.259	.182	.166	.154	.059	.054	.051		
9.0	.519	.457	.416	.447	.397	.363	.310	.279	.258	.180	.165	.154	.058	.054	.051		
10.0	.512	.454	.414	.442	.394	.362	.306	.277	.257	.179	.164	.153	.058	.054	.051		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2023-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.78V I:0.1966A P:23.329W PF:0.9905 Freq:59.98Hz Lamp Flux:2289.11x1 lm										
NAME: 1013 圓桶壁灯 21W 普瑞 COB FULL 110B-L					TYPE:			WEIGHT:		
SPEC.: 3500K					DIM.:			SERIAL No.:		
MFR.:					SUR.: 0.00849m²			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	23.5	24.7	24.4	25.6	26.8	-8.4	-7.2	-7.5	-6.3	-5.1
3H	29.3	30.4	30.2	31.4	32.6	-7.8	-6.6	-6.9	-5.7	-4.5
4H	34.6	35.6	35.5	36.6	37.8	-7.1	-6.1	-6.2	-5.1	-3.8
6H	40.0	41.0	40.9	42.0	43.3	-6.2	-5.2	-5.3	-4.2	-3.0
8H	42.4	43.4	43.3	44.4	45.6	-5.6	-4.7	-4.7	-3.7	-2.4
12H	44.7	45.7	45.7	46.7	47.9	-4.9	-4.0	-4.0	-3.0	-1.7
4H 2H	23.2	24.3	24.1	25.2	26.5	12.9	14.0	13.8	14.9	16.2
3H	29.3	30.3	30.3	31.3	32.5	12.6	13.5	13.5	14.5	15.8
4H	34.6	35.5	35.5	36.4	37.7	12.4	13.3	13.3	14.3	15.6
6H	40.2	41.0	41.2	42.0	43.3	12.2	13.0	13.2	14.0	15.4
8H	42.8	43.6	43.8	44.6	45.9	12.1	12.9	13.1	13.9	15.2
12H	45.5	46.2	46.4	47.2	48.5	12.0	12.8	13.0	13.8	15.1
8H 4H	34.3	35.1	35.3	36.1	37.4	20.1	20.9	21.1	21.9	23.2
6H	40.0	40.7	41.0	41.7	43.1	19.9	20.6	20.9	21.7	23.0
8H	42.8	43.4	43.8	44.4	45.8	19.9	20.5	20.9	21.5	22.9
12H	45.7	46.3	46.7	47.3	48.7	19.8	20.3	20.8	21.4	22.7
12H 4H	34.2	35.0	35.2	36.0	37.3	23.7	24.4	24.6	25.4	26.7
6H	39.9	40.6	40.9	41.6	43.0	23.7	24.3	24.7	25.3	26.7
8H	42.7	43.3	43.7	44.3	45.7	23.6	24.2	24.6	25.2	26.6
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.2 / - 0.2					+ 0.3 / - 0.4				
1.5H	+ 0.5 / - 0.4					+ 0.9 / - 0.3				
2.0H	+ 0.9 / - 0.8					+ 1.8 / - 1.1				

CIE Pub.117, 2289 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.9)
Area: 0.00849 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2023-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.78V I:0.1966A P:23.329W PF:0.9905 Freq:59.98Hz Lamp Flux:2289.11x1 lm		
NAME: 1013 圓桶壁灯 21W 普瑞 COB FULL 110B-L	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m²	Shielding Angle:

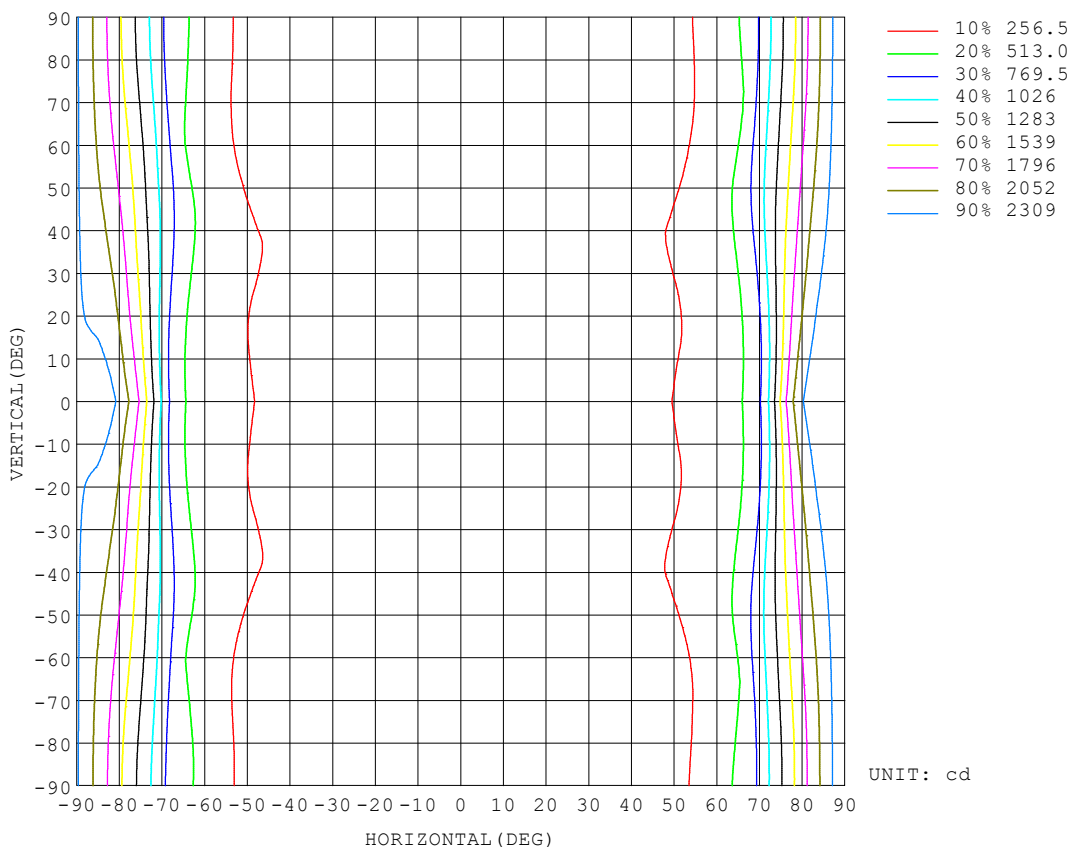
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	30	16	8	28	15	8	26	14	7	0
0.80	37	21	12	35	20	11	31	18	10	1
1.00	43	26	15	40	25	15	35	24	13	2
1.25	49	32	20	46	30	19	39	26	16	3
1.50	54	37	25	50	34	23	43	29	20	5
2.00	62	45	33	57	42	30	48	36	26	8
2.50	67	51	39	62	48	36	52	40	31	11
3.00	72	57	45	66	52	41	55	44	35	14
4.00	78	64	53	71	59	49	60	50	42	18
5.00	82	70	60	75	64	55	63	54	46	21
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°C
Operators:
Test Date: 2023-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.461
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:119.78V I:0.1966A P:23.329W PF:0.9905 Freq:59.98Hz Lamp Flux:2289.11x1 lm		
NAME: 1013 圆桶壁灯 21W 普瑞 COB FULL 110B-L	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m²	Shielding Angle:

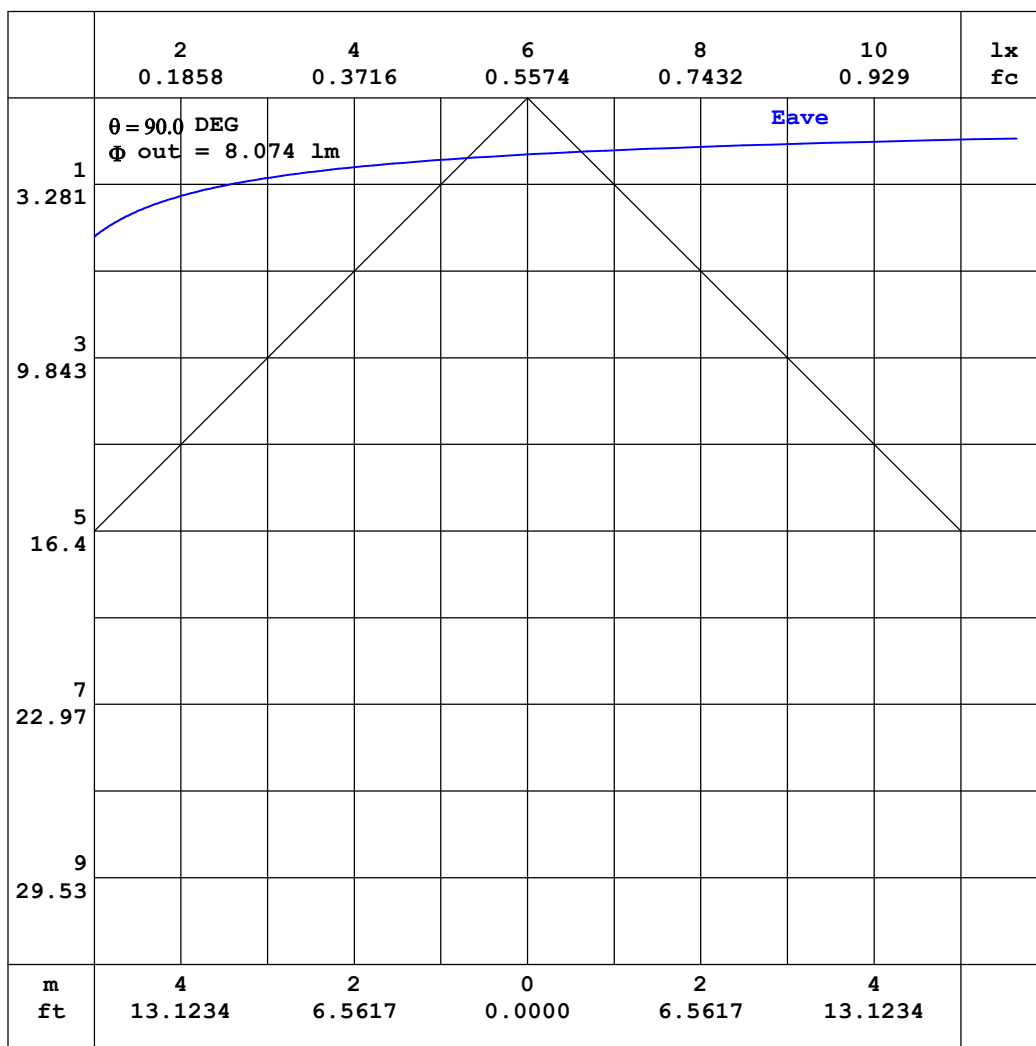


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators:
Test Date: 2023-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.461
Humidity: 65.0%
Test Distance: 7.100m [K=1.0000]
Remarks:

AAI CURVES

Test:U:119.78V I:0.1966A P:23.329W PF:0.9905 Freq:59.98Hz Lamp Flux:2289.11x1 lm		
NAME: 1013 圓桶壁灯 21W 普瑞 COB FULL 110B-L	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m²	Shielding Angle:



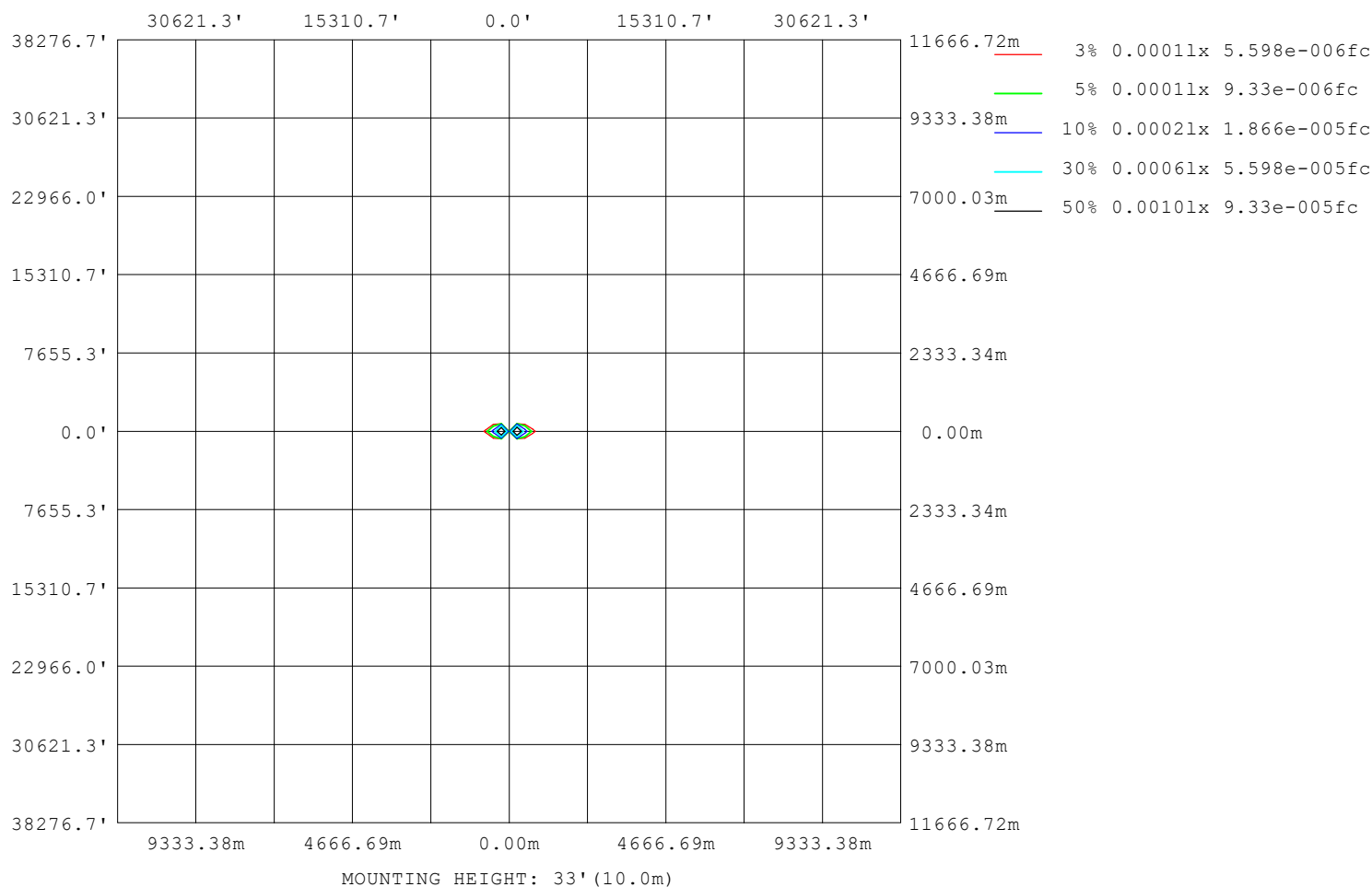
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2023-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:119.78V I:0.1966A P:23.329W PF:0.9905 Freq:59.98Hz Lamp Flux:2289.11x1 lm		
NAME: 1013 圓桶壁灯 21W 普瑞 COB FULL 110B-L	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m²	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2023-12-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:119.78V I:0.1966A P:23.329W PF:0.9905 Freq:59.98Hz Lamp Flux:2289.11x1 lm		
NAME: 1013 圆桶壁灯 21W 普瑞 COB FULL 110B-L	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m²	Shielding Angle:

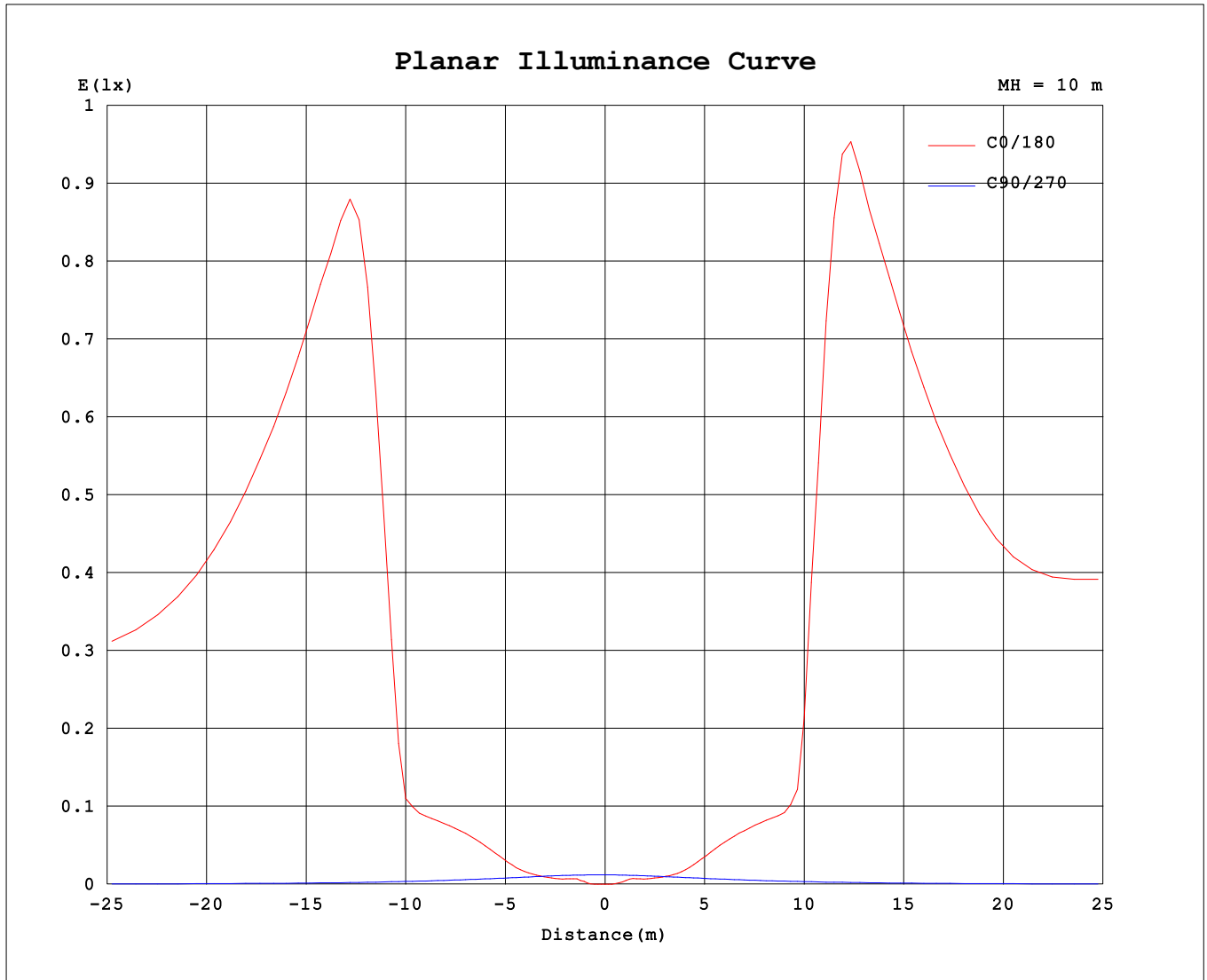
AvgL	cd/m2
L_0~180 (65) av	142830
L_0~180 (75) av	754470
L_0~180 (85) av	3355118
L_90~270 (65) av	263
L_90~270 (75) av	426
L_90~270 (85) av	1246
L_45 (65) av	4996
L_45 (75) av	11834
L_45 (85) av	52379

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:
 Test Date:2023-12-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3 °C
 Operators:
 Test Date: 2023-12-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.461
 Humidity: 65.0%
 Test Distance: 7.100m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.78V I:0.1966A P:23.329W PF:0.9905 Freq:59.98Hz Lamp Flux:2289.11x1 lm		
NAME: 1013 圓桶壁灯 21W 普瑞 COB FULL 110B-L	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m ²	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	0.00	0.00	0.13	0.62	1.23	0.67	0.09	0.00	0.00	0.00	0.13	0.62	1.23	0.67	0.09	0.00			
5	0.16	0.14	0.11	0.59	1.22	0.77	0.31	0.32	0.32	0.29	0.35	0.71	1.20	0.62	0.12	0.10			
10	0.75	0.72	0.54	0.61	1.22	0.98	0.91	0.73	0.73	0.79	0.82	0.92	1.18	0.61	0.59	0.80			
15	0.90	0.82	0.78	0.75	1.20	1.30	0.88	0.91	0.96	0.87	0.93	1.28	1.15	0.70	0.99	0.80			
20	1.59	1.18	0.85	1.03	1.17	1.53	1.09	1.46	1.70	1.44	1.13	1.62	1.11	1.02	0.95	1.12			
25	3.34	2.03	1.09	1.10	1.13	1.55	1.52	2.96	3.91	2.94	1.56	1.69	1.08	1.38	1.11	1.93			
30	6.94	4.40	1.48	1.17	1.11	1.58	2.31	5.89	7.70	5.90	2.33	1.71	1.05	1.60	1.45	4.22			
35	11.9	8.12	2.40	1.23	1.09	1.68	3.86	9.70	12.5	9.84	3.75	1.77	1.03	1.63	2.23	7.83			
40	18.1	12.7	4.17	1.31	1.07	1.82	5.84	14.4	19.0	14.7	5.76	1.91	1.01	1.54	3.75	12.6			
45	31.2	18.7	6.37	1.39	1.05	1.99	8.09	20.8	60.8	21.7	8.29	2.08	0.99	1.45	5.96	17.9			
50	289	30.6	8.95	1.49	1.01	2.16	10.6	78.3	353	80.2	11.1	2.26	0.97	1.46	8.57	28.9			
55	408	225	11.5	1.62	0.98	2.36	13.1	323	413	323	13.7	2.46	0.95	1.54	11.3	217			
60	437	391	14.4	1.75	0.97	2.55	15.7	402	441	398	16.3	2.67	0.94	1.64	14.0	387			
65	490	416	17.4	1.89	0.96	2.77	18.6	423	535	423	18.9	2.88	0.93	1.77	16.7	414			
70	745	434	20.9	2.04	0.95	2.99	22.3	443	1003	444	22.3	3.10	0.93	1.92	20.6	435			
75	1568	459	24.0	2.18	0.94	3.14	27.6	478	1748	479	27.5	3.26	0.93	2.08	24.9	456			
80	2286	513	28.8	2.33	0.94	3.23	31.7	552	2256	534	34.9	3.35	0.93	2.24	30.9	489			
85	2552	575	34.0	2.45	0.94	3.24	38.3	623	2413	586	48.5	3.41	0.90	2.36	34.2	535			
90	2558	611	41.0	2.48	0.94	3.23	39.7	643	2341	609	49.8	3.46	0.90	2.44	37.2	565			
95	2543	591	39.1	2.44	0.93	3.15	34.3	595	2390	571	42.0	3.44	0.87	2.44	35.8	548			
100	2299	530	30.2	2.33	0.89	3.03	28.7	519	2141	503	30.5	3.29	0.85	2.43	31.7	501			
105	1649	470	25.4	2.18	0.86	2.86	23.6	458	1546	461	25.8	3.09	0.83	2.32	27.6	464			
110	832	435	21.2	2.01	0.83	2.69	19.7	432	789	438	21.6	2.84	0.79	2.18	23.6	438			
115	502	415	17.6	1.83	0.80	2.50	16.3	410	489	419	18.4	2.60	0.77	2.01	19.6	416			
120	431	392	14.5	1.65	0.77	2.30	13.7	387	434	375	15.6	2.39	0.75	1.84	16.8	393			
125	403	305	11.8	1.51	0.76	2.10	11.1	228	404	220	13.1	2.25	0.75	1.68	13.8	297			
130	336	65.7	9.29	1.38	0.75	1.94	8.70	30.5	300	39.1	10.7	2.18	0.75	1.54	10.9	64.0			
135	52.0	20.1	6.90	1.28	0.75	1.79	6.31	17.9	33.5	20.7	7.84	2.19	0.74	1.43	7.85	21.1			
140	18.7	13.3	4.73	1.20	0.75	1.78	4.28	12.4	18.0	13.9	5.31	2.25	0.74	1.32	5.28	14.5			
145	12.2	8.84	2.88	1.17	0.75	1.84	2.70	8.14	12.1	9.00	3.27	2.23	0.74	1.24	3.19	9.42			
150	7.45	5.18	1.75	1.18	0.74	1.88	1.82	4.71	7.18	5.07	2.06	2.11	0.73	1.15	1.87	5.41			
155	3.70	2.46	1.25	1.26	0.73	1.60	1.37	2.25	3.56	2.46	1.47	1.72	0.72	1.10	1.27	2.57			
160	1.72	1.29	0.99	1.20	0.69	1.13	1.16	1.26	1.61	1.38	1.33	1.23	0.68	1.10	0.98	1.40			
165	1.00	0.87	0.87	0.91	0.65	0.68	1.33	0.98	0.99	1.03	1.40	0.74	0.64	0.96	0.82	0.94			
170	0.77	0.83	0.93	0.56	0.62	0.44	0.70	1.01	1.19	1.10	0.69	0.50	0.62	0.60	0.83	0.77			
175	0.45	0.38	0.29	0.37	0.62	0.38	0.17	0.13	0.17	0.17	0.11	0.41	0.62	0.39	0.27	0.43			
180	0.00	0.00	0.08	0.36	0.62	0.38	0.10	0.00	0.00	0.00	0.06	0.39	0.62	0.37	0.10	0.00			

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:

Test Date:2023-12-07

γ Range: 0 - 180DEG

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