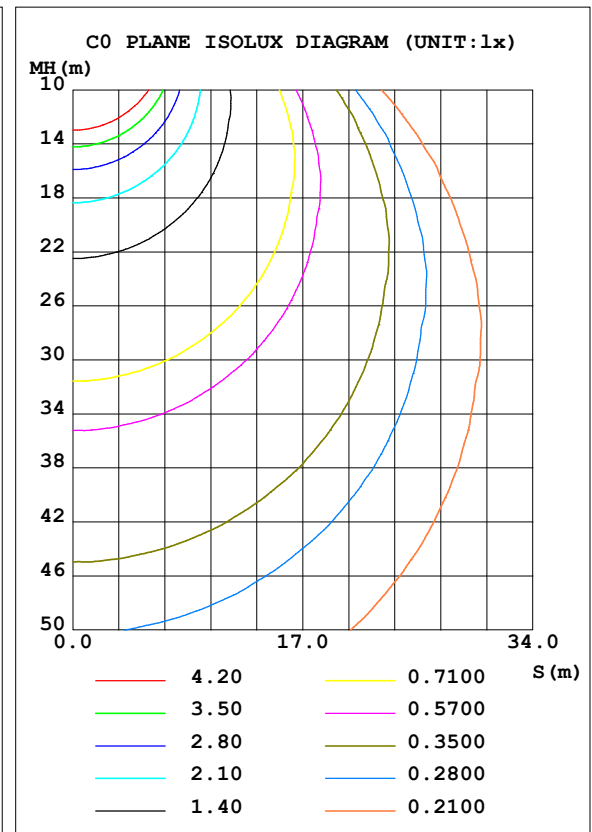
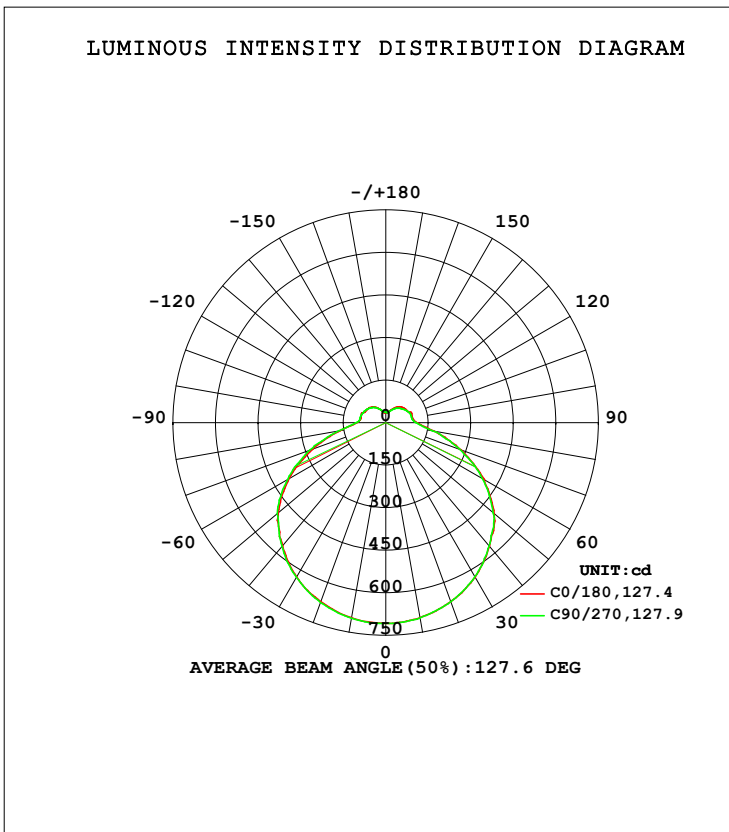


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.16V I:0.3200A P:38.004W PF:0.9884 Freq:60.00Hz Lamp Flux:2959.66x1 lm		
NAME: ASD Lighting Corp	TYPE:ASD-LFC-GX-20D42S-RGB-SMARTLIGHT:	
SPEC.:ASD-LFC-GX-20D42S-RGB-SMART-3000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.: -0.47	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax (cd)	708.7	S/MH (C0/180)	1.32
NOMINAL POWER (W)	--	LOR (%)	100.0	S/MH (C90/270)	1.33
RATED VOLTAGE (V)	--	TOTAL FLUX (lm)	2959.7	<input type="checkbox"/> UP, DN (C0-180)	8.4, 41.6
NOMINAL FLUX (lm)	2959.66	CIE CLASS	SEMI-D.	<input type="checkbox"/> UP, DN (C180-360)	8.3, 41.7
LAMPS INSIDE	1	<input type="checkbox"/> up (%)	16.7	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	--	<input type="checkbox"/> down (%)	83.3	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: chen
 Test Date: 2022-10-04

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity: 65.0%
 Test Distance: 8.650m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	□ zone	□ total	%lum,lamp
10	697.8	698.0	698.8	700.0	698.4	699.5	700.0	700.1	0- 10	67.16	67.16	2.27,2.27
20	671.0	671.7	671.0	671.7	671.9	672.6	674.5	672.9	10- 20	194.3	261.5	8.84,8.84
30	629.7	628.6	627.5	628.1	628.2	629.6	629.8	630.9	20- 30	301.2	562.8	19,19
40	569.7	567.8	567.1	564.8	566.4	569.9	569.3	570.8	30- 40	376.2	939.0	31.7,31.7
50	498.8	497.1	494.3	492.8	494.7	497.4	500.2	502.3	40- 50	413.0	1352	45.7,45.7
60	401.2	393.8	393.1	391.2	393.7	396.7	399.4	399.9	50- 60	401.0	1753	59.2,59.2
70	282.8	280.6	279.6	276.3	274.4	285.0	285.8	282.7	60- 70	336.0	2089	70.6,70.6
80	172.8	169.9	169.3	163.9	163.1	167.8	167.5	171.7	70- 80	235.4	2324	78.5,78.5
90	110.0	109.6	106.6	104.3	102.2	102.6	104.5	107.5	80- 90	142.0	2466	83.3,83.3
100	96.35	94.18	93.65	90.50	89.73	89.26	93.12	93.24	90-100	105.9	2572	86.9,86.9
110	97.54	90.05	92.71	87.02	91.87	84.33	89.42	87.66	100-110	96.45	2669	90.2,90.2
120	86.63	83.11	85.17	81.62	82.51	81.46	85.69	82.48	110-120	86.43	2755	93.1,93.1
130	82.25	74.68	76.05	74.73	79.39	75.71	78.74	75.75	120-130	71.80	2827	95.5,95.5
140	73.49	62.38	67.35	63.90	72.61	64.75	70.65	63.03	130-140	55.86	2883	97.4,97.4
150	59.38	50.06	55.76	52.03	60.64	52.86	59.00	51.64	140-150	38.58	2921	98.7,98.7
160	45.04	42.20	43.72	43.24	46.03	44.45	47.49	44.03	150-160	23.16	2945	99.5,99.5
170	36.19	36.86	37.27	36.23	36.53	38.29	38.70	37.74	160-170	11.57	2956	99.9,99.9
180	37.23	34.80	37.09	36.28	37.29	34.77	37.06	36.27	170-180	3.462	2960	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1143 lm

%lum = 38.6%

%lamp = 38.6%

Conical surface Flux(120deg): 1752.9 lm

%lum = 59.2%

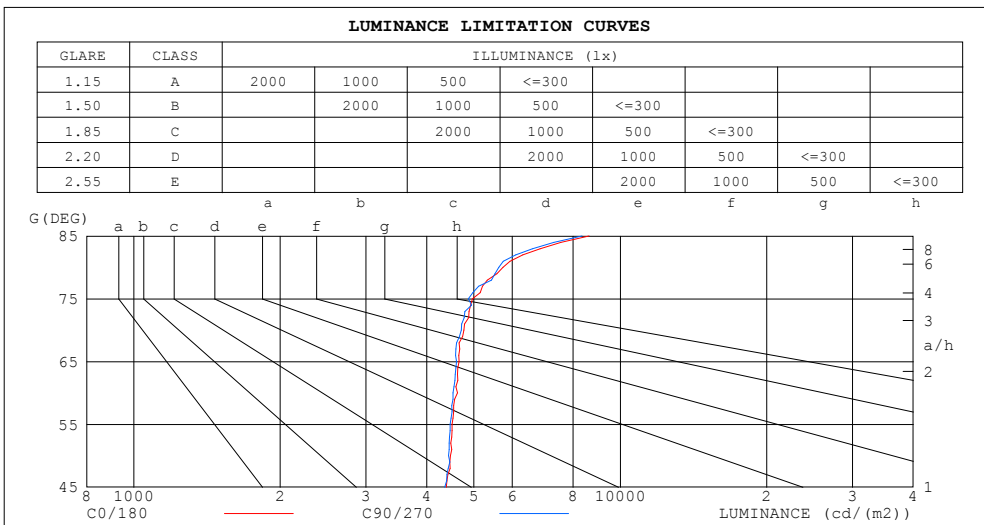
%lamp = 59.2%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:chen
 Test Date:2022-10-04

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:8.650m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.16V I:0.3200A P:38.004W PF:0.9884 Freq:60.00Hz Lamp Flux:2959.66x1 lm		
NAME: ASD Lighting Corp	TYPE:ASD-LFC-GX-20D42S-RGB-SMARTIGHT:	
SPEC.:ASD-LFC-GX-20D42S-RGB-SMART-3000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.: -0.47	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	8633	8349
80	5737	5624
75	4970	4872
70	4769	4714
65	4661	4604
60	4627	4533
55	4510	4471
50	4475	4435
45	4389	4354

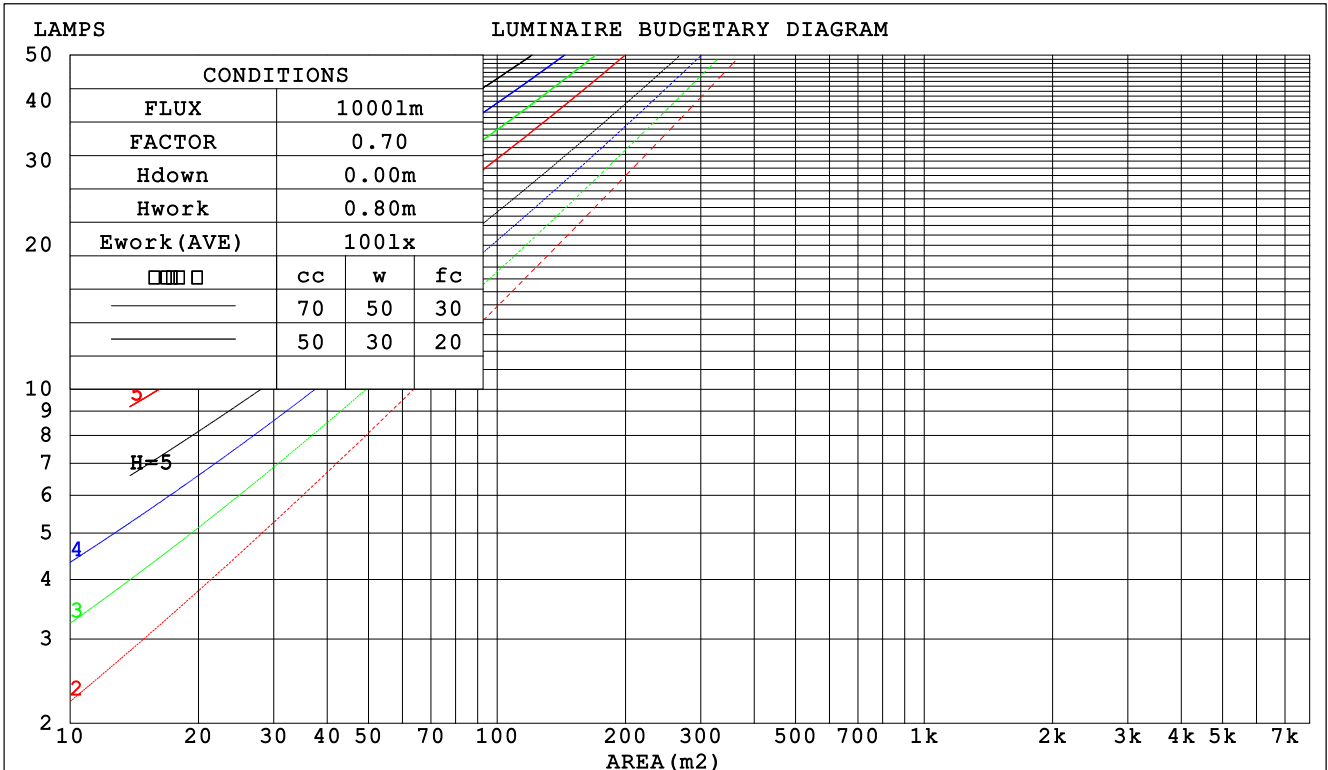
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:chen
 Test Date:2022-10-04

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:8.650m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.16V I:0.3200A P:38.004W PF:0.9884 Freq:60.00Hz Lamp Flux:2959.66x1 lm		
NAME: ASD Lighting Corp	TYPE:ASD-LFC-GX-20D42S-RGB-SMARTLIGHT:	
SPEC.:ASD-LFC-GX-20D42S-RGB-SMART-3000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.: -0.47	Shielding Angle:

□cc	80%			70%			50%			30%			10%			0
□w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
□fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.15	1.15	1.15	1.10	1.10	1.10	1.02	1.02	1.02	.94	.94	.94	.87	.87	.87	.83
1.0	.98	.93	.89	.94	.89	.86	.87	.83	.80	.80	.77	.74	.74	.71	.69	.66
2.0	.84	.77	.71	.81	.74	.68	.75	.69	.64	.69	.64	.60	.63	.60	.57	.54
3.0	.73	.65	.58	.70	.63	.56	.65	.58	.53	.60	.55	.50	.55	.51	.47	.44
4.0	.64	.55	.48	.62	.54	.47	.57	.50	.45	.53	.47	.42	.49	.44	.40	.37
5.0	.57	.48	.41	.55	.47	.40	.51	.44	.38	.47	.41	.36	.44	.39	.34	.32
6.0	.51	.42	.36	.49	.41	.35	.46	.39	.33	.43	.36	.32	.40	.34	.30	.28
7.0	.46	.37	.31	.45	.36	.30	.42	.34	.29	.39	.32	.28	.36	.31	.26	.24
8.0	.42	.33	.27	.41	.33	.27	.38	.31	.26	.35	.29	.25	.33	.28	.24	.21
9.0	.38	.30	.25	.37	.29	.24	.35	.28	.23	.33	.26	.22	.30	.25	.21	.19
10.0	.35	.27	.22	.34	.27	.22	.32	.25	.21	.30	.24	.20	.28	.23	.19	.17



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:chen
 Test Date:2022-10-04

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:8.650m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.16V I:0.3200A P:38.004W PF:0.9884 Freq:60.00Hz Lamp Flux:2959.66x1 lm		
NAME: ASD Lighting Corp	TYPE:ASD-LFC-GX-20D42S-RGB-SMARTLIGHT:	
SPEC.:ASD-LFC-GX-20D42S-RGB-SMART-3000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.: -0.47	Shielding Angle:

<input type="checkbox"/> cc	80%			70%			50%			30%			10%			0
<input type="checkbox"/> w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
<input type="checkbox"/> fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.350	.199	.063	.338	.193	.061	.315	.180	.058	.294	.169	.054	.274	.159	.051	
2.0	.313	.172	.053	.302	.166	.051	.281	.157	.049	.262	.147	.046	.245	.138	.044	
3.0	.283	.151	.045	.273	.146	.044	.254	.138	.042	.237	.130	.040	.221	.122	.038	
4.0	.258	.134	.039	.249	.130	.038	.232	.123	.037	.216	.116	.035	.201	.109	.033	
5.0	.236	.120	.035	.228	.117	.034	.212	.111	.033	.198	.104	.031	.185	.099	.030	
6.0	.217	.109	.031	.210	.106	.031	.196	.100	.029	.183	.095	.028	.170	.090	.027	
7.0	.201	.099	.028	.194	.097	.028	.182	.092	.026	.170	.087	.025	.158	.082	.024	
8.0	.187	.091	.026	.181	.089	.025	.169	.084	.024	.158	.080	.023	.148	.076	.022	
9.0	.175	.085	.024	.169	.082	.023	.158	.078	.022	.148	.074	.021	.138	.070	.020	
10.0	.164	.079	.022	.159	.077	.021	.149	.073	.021	.139	.069	.020	.130	.066	.019	

<input type="checkbox"/> cc	80%			70%			50%			30%			10%			0
<input type="checkbox"/> w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
<input type="checkbox"/> fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.317	.317	.317	.271	.271	.271	.185	.185	.185	.106	.106	.106	.034	.034	.034	
1.0	.311	.284	.259	.266	.244	.223	.182	.168	.154	.105	.097	.090	.034	.031	.029	
2.0	.304	.261	.224	.260	.224	.194	.178	.155	.135	.103	.090	.079	.033	.029	.026	
3.0	.297	.244	.202	.254	.210	.175	.175	.146	.123	.101	.085	.072	.032	.028	.024	
4.0	.289	.231	.187	.248	.200	.163	.171	.139	.115	.099	.082	.068	.032	.027	.022	
5.0	.282	.221	.177	.242	.192	.154	.167	.134	.109	.097	.079	.064	.031	.026	.021	
6.0	.274	.213	.170	.236	.185	.148	.163	.129	.105	.094	.076	.062	.030	.025	.021	
7.0	.268	.207	.164	.230	.179	.143	.159	.126	.101	.092	.074	.060	.030	.024	.020	
8.0	.261	.201	.160	.225	.175	.140	.156	.123	.099	.090	.072	.059	.029	.024	.020	
9.0	.255	.196	.157	.220	.170	.137	.152	.120	.097	.089	.071	.058	.029	.023	.019	
10.0	.249	.192	.154	.215	.167	.135	.149	.117	.096	.087	.069	.057	.028	.023	.019	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:chen
 Test Date:2022-10-04

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:8.650m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.16V I:0.3200A P:38.004W PF:0.9884 Freq:60.00Hz Lamp Flux:2959.66x1 lm		
NAME: ASD Lighting Corp	TYPE:ASD-LFC-GX-20D42S-RGB-SMARTLIGHT:	
SPEC.:ASD-LFC-GX-20D42S-RGB-SMART-3000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.: -0.47	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	17.3	18.6	17.7	19.1	19.6	17.2	18.6	17.7	19.1	19.6
3H	19.1	20.4	19.6	20.9	21.4	19.1	20.3	19.6	20.8	21.4
4H	20.0	21.2	20.5	21.7	22.3	19.9	21.1	20.5	21.6	22.2
6H	20.9	22.0	21.4	22.5	23.1	20.8	21.9	21.4	22.5	23.1
8H	21.3	22.3	21.8	22.9	23.5	21.2	22.3	21.8	22.8	23.5
12H	21.7	22.8	22.3	23.4	24.0	21.6	22.7	22.2	23.2	23.9
4H 2H	17.9	19.1	18.4	19.6	20.2	17.9	19.1	18.4	19.6	20.2
3H	19.9	21.0	20.5	21.5	22.2	19.9	20.9	20.5	21.5	22.2
4H	21.0	21.9	21.6	22.5	23.2	20.9	21.9	21.5	22.5	23.1
6H	22.0	22.9	22.6	23.5	24.2	21.9	22.8	22.6	23.4	24.1
8H	22.5	23.3	23.2	23.9	24.7	22.4	23.2	23.1	23.9	24.6
12H	23.1	23.8	23.8	24.5	25.2	23.0	23.7	23.7	24.4	25.1
8H 4H	21.4	22.1	22.0	22.8	23.5	21.3	22.1	22.0	22.7	23.5
6H	22.6	23.3	23.3	23.9	24.7	22.6	23.2	23.2	23.9	24.6
8H	23.3	23.9	24.0	24.6	25.4	23.2	23.8	23.9	24.5	25.3
12H	24.1	24.6	24.8	25.3	26.1	24.0	24.5	24.7	25.2	26.0
12H 4H	21.4	22.1	22.1	22.8	23.5	21.4	22.1	22.0	22.7	23.5
6H	22.8	23.3	23.5	24.0	24.8	22.7	23.3	23.4	24.0	24.8
8H	23.5	24.0	24.2	24.7	25.5	23.4	23.9	24.2	24.7	25.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				

CIE Pub.117, 2960 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 3.8)
 Area: 0.173406 m2

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:chen
 Test Date:2022-10-04

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:8.650m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.16V I:0.3200A P:38.004W PF:0.9884 Freq:60.00Hz Lamp Flux:2959.66x1 lm		
NAME: ASD Lighting Corp	TYPE:ASD-LFC-GX-20D42S-RGB-SMART:	
SPEC.:ASD-LFC-GX-20D42S-RGB-SMART-3000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.: -0.47	Shielding Angle:

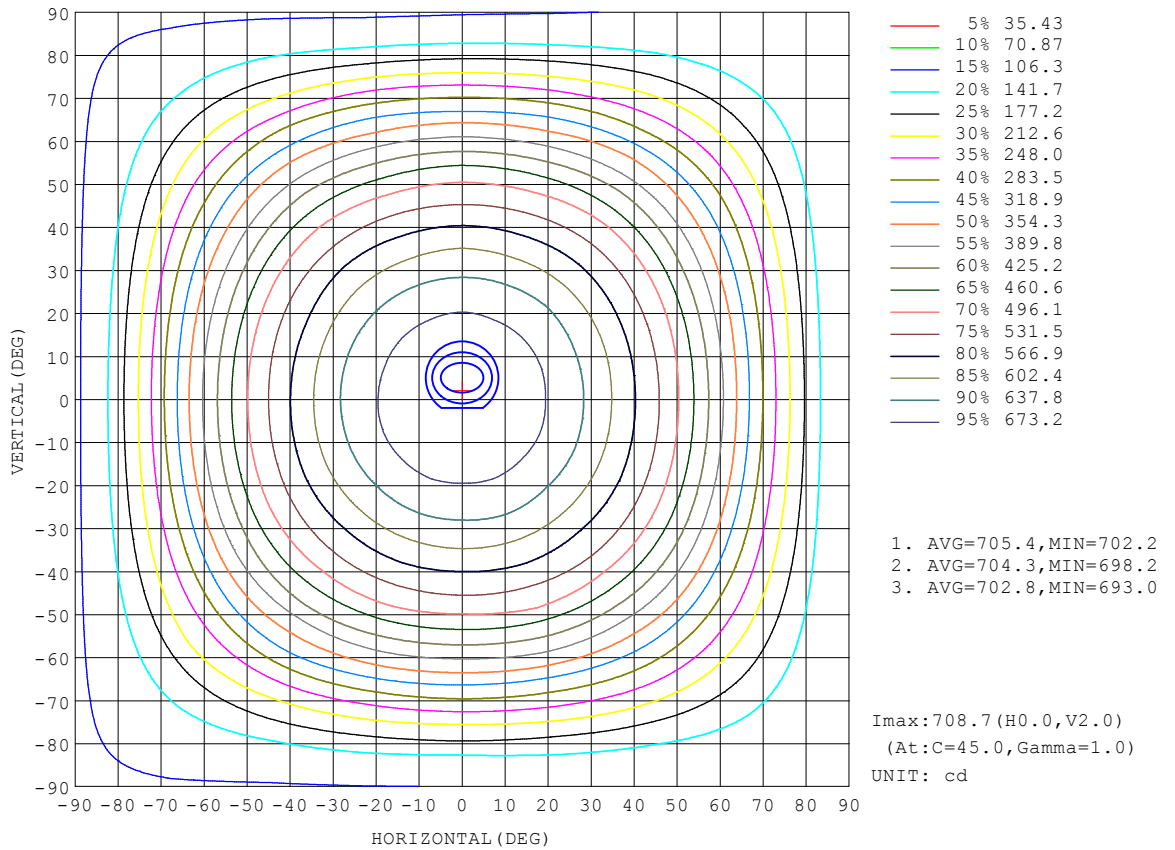
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	50	37	30	48	37	30	46	36	29	23
0.80	59	47	39	57	46	38	55	44	37	30
1.00	67	55	47	65	54	46	62	54	45	36
1.25	74	62	54	72	61	53	68	58	52	42
1.50	79	68	60	77	66	59	72	63	57	46
2.00	87	76	69	84	74	67	78	70	64	53
2.50	91	82	74	88	79	73	81	75	69	57
3.00	95	86	79	91	83	77	84	78	73	60
4.00	99	92	86	95	89	84	88	83	79	65
5.00	102	96	91	98	92	88	91	86	82	68
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:25.3DEG
 Operators:chen
 Test Date:2022-10-04

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:8.650m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.16V I:0.3200A P:38.004W PF:0.9884 Freq:60.00Hz Lamp Flux:2959.66x1 lm		
NAME: ASD Lighting Corp	TYPE:ASD-LFC-GX-20D42S-RGB-SMARTLIGHT:	
SPEC.:ASD-LFC-GX-20D42S-RGB-SMART-3000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.: -0.47	Shielding Angle:

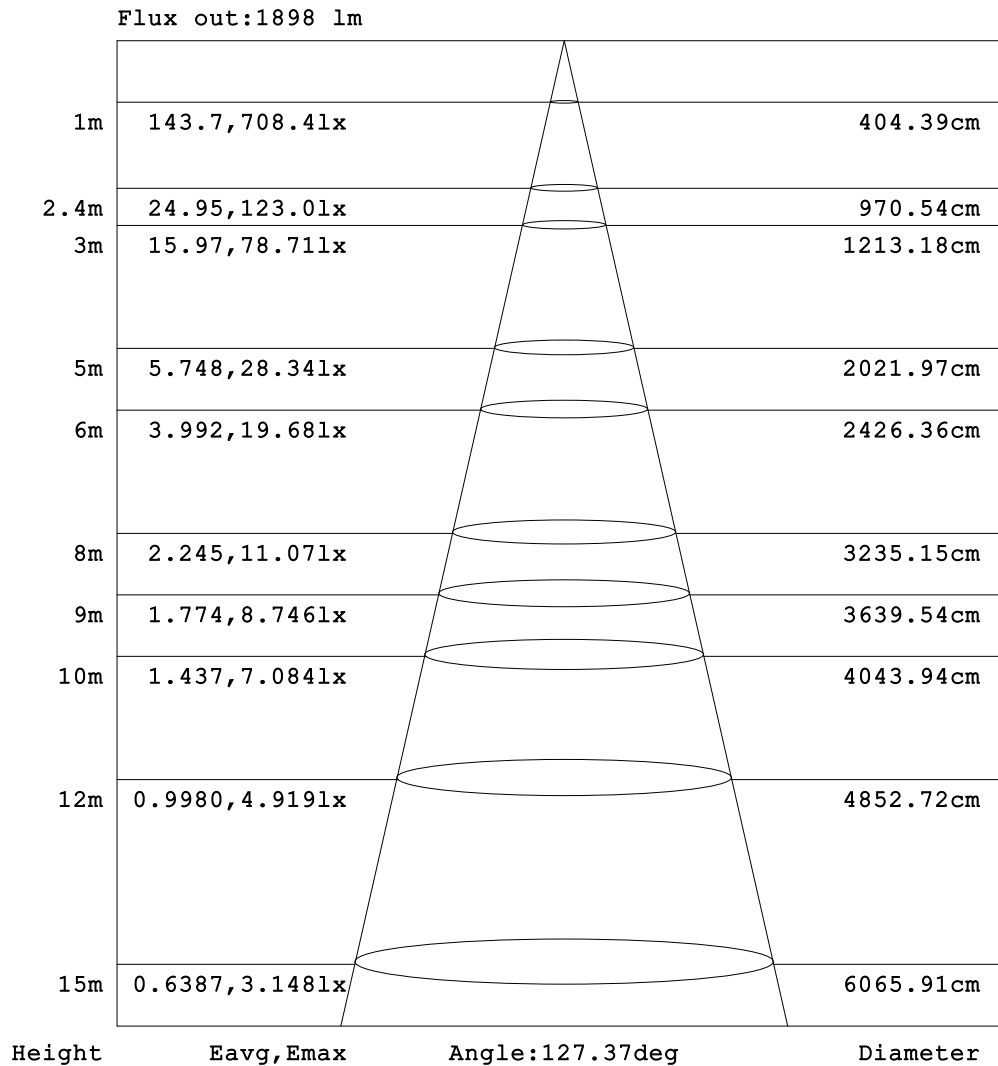


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:chen
 Test Date:2022-10-04

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:8.650m [K=1.0000]
 Remarks:

AAI Figure

Test:U:120.16V I:0.3200A P:38.004W PF:0.9884 Freq:60.00Hz Lamp Flux:2959.66x1 lm		
NAME: ASD Lighting Corp	TYPE:ASD-LFC-GX-20D42S-RGB-SMARTLIGHT:	
SPEC.:ASD-LFC-GX-20D42S-RGB-SMART-3000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.: -0.47	Shielding Angle:



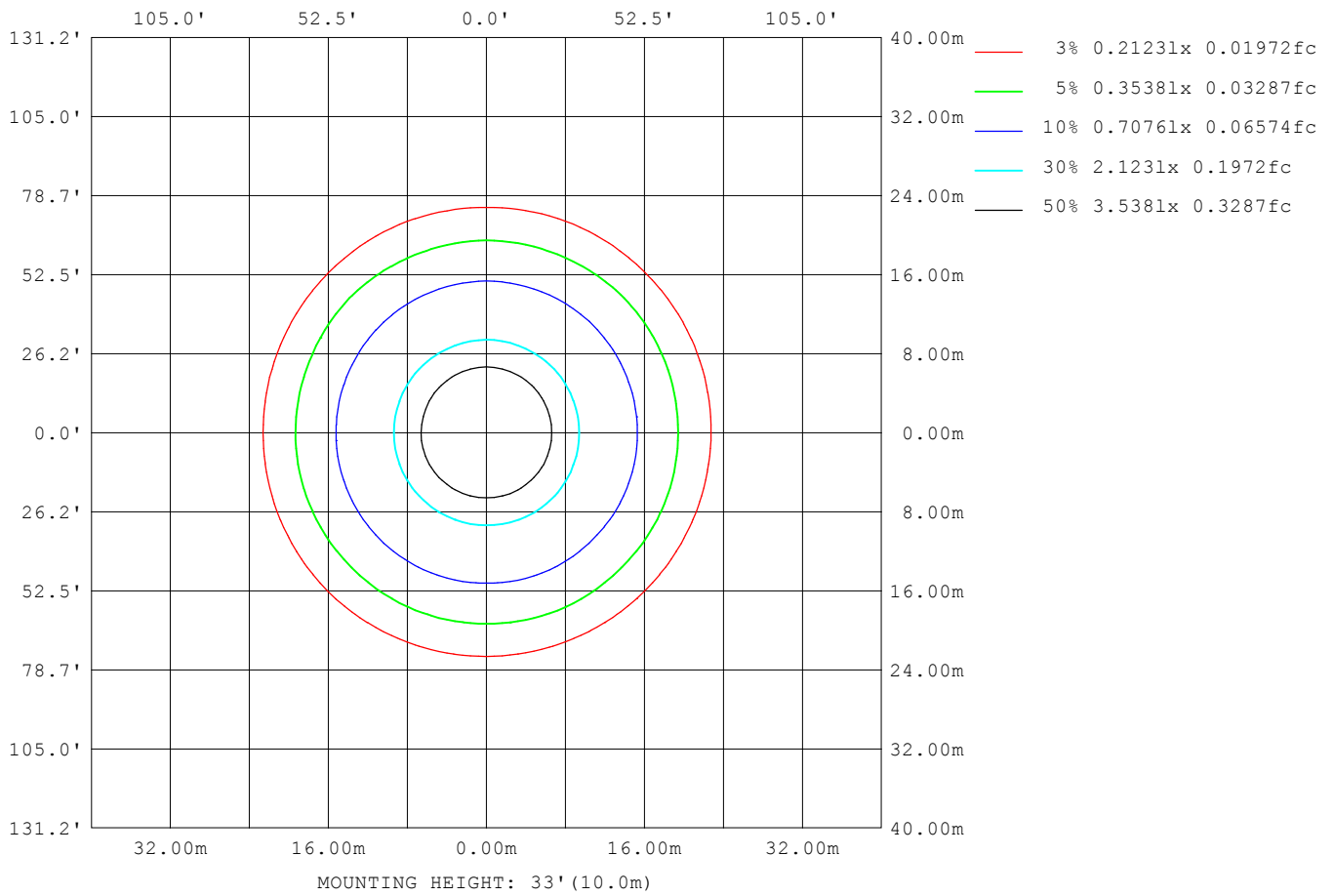
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:chen
 Test Date:2022-10-04

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:8.650m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.16V I:0.3200A P:38.004W PF:0.9884 Freq:60.00Hz Lamp Flux:2959.66x1 lm		
NAME: ASD Lighting Corp	TYPE:ASD-LFC-GX-20D42S-RGB-SMARTIGHT:	
SPEC.:ASD-LFC-GX-20D42S-RGB-SMART-3000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.: -0.47	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:chen
 Test Date:2022-10-04

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:8.650m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.16V I:0.3200A P:38.004W PF:0.9884 Freq:60.00Hz Lamp Flux:2959.66x1 lm		
NAME: ASD Lighting Corp	TYPE:ASD-LFC-GX-20D42S-RGB-SMARTLIGHT:	
SPEC.:ASD-LFC-GX-20D42S-RGB-SMART-3000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.: -0.47	Shielding Angle:

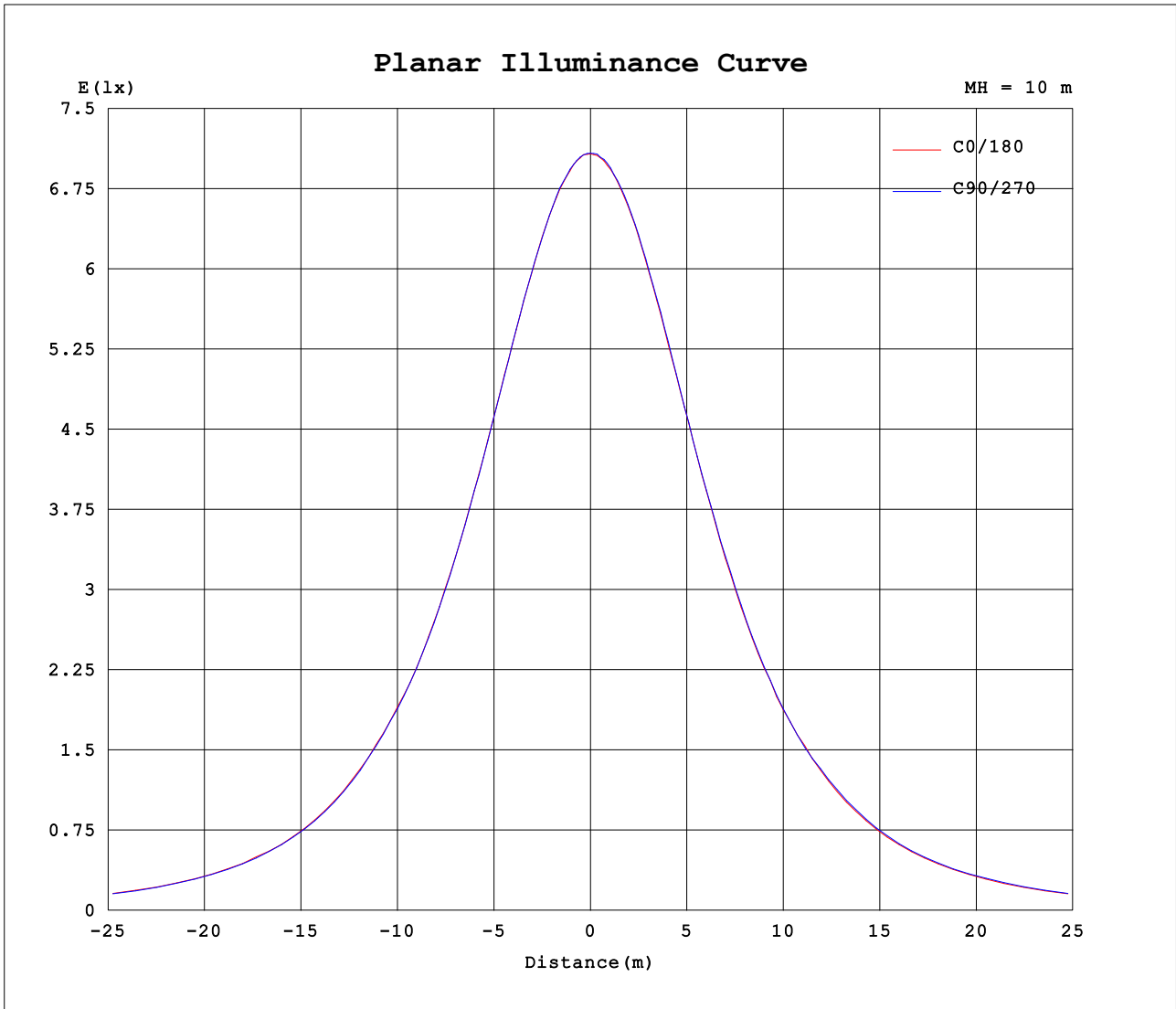
AvgL	cd/m2
L_0~180 (65) av	4614
L_0~180 (75) av	4893
L_0~180 (85) av	8370
L_90~270 (65) av	4652
L_90~270 (75) av	4920
L_90~270 (85) av	8359
L_45 (65) av	4655
L_45 (75) av	4949
L_45 (85) av	8400

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
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 Test Date:2022-10-04

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:8.650m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:chen
 Test Date:2022-10-04

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:8.650m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.16V I:0.3200A P:38.004W PF:0.9884 Freq:60.00Hz Lamp Flux:2959.66x1 lm		
NAME: ASD Lighting Corp	TYPE:ASD-LFC-GX-20D42S-RGB-SMARTIGHT:	
SPEC.:ASD-LFC-GX-20D42S-RGB-SMART-3000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.: -0.47	Shielding Angle:

Table--1

UNIT: cd

C (DEG) □ (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	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708	708			
5	706	705	705	705	706	705	706	706	705	706	706	706	707	706	707	706			
10	698	699	698	699	699	699	700	699	698	699	700	700	700	700	700	699			
15	687	687	687	687	687	687	687	687	688	686	689	688	689	688	689	688			
20	671	672	672	672	671	673	672	672	672	672	673	673	675	673	673	672			
25	652	653	653	654	652	653	652	653	652	651	653	653	654	654	655	653			
30	630	631	629	630	627	628	628	629	628	627	630	628	630	629	631	630			
35	601	602	601	601	600	600	599	600	599	599	601	600	603	600	602	602			
40	570	570	568	570	567	567	565	568	566	565	570	568	569	568	571	570			
45	538	544	539	537	534	533	532	532	531	533	532	533	533	533	536	538			
50	499	500	497	502	494	497	493	496	495	495	497	495	500	498	502	502			
55	449	453	449	451	445	447	443	447	446	445	447	451	453	451	451	449			
60	401	400	394	396	393	394	391	395	394	393	397	396	399	402	400	398			
65	342	339	337	337	337	338	340	336	335	338	342	342	344	349	346	342			
70	283	280	281	279	280	276	276	274	274	277	285	285	286	287	283	286			
75	223	226	225	221	219	217	218	220	216	223	220	221	223	223	226	227			
80	173	172	170	169	169	167	164	165	163	163	168	165	168	169	172	170			
85	130	131	129	129	126	126	124	124	123	122	124	124	126	127	130	129			
90	110	111	110	109	107	106	104	104	102	102	103	102	104	105	108	108			
95	99.7	100	98.8	98.2	97.0	95.6	94.3	94.4	92.9	92.3	92.6	92.5	94.0	94.9	96.3	97.4			
100	96.3	96.0	94.2	94.1	93.7	92.6	90.5	91.1	89.7	88.9	89.3	90.6	93.1	93.2	93.2	93.5			
105	95.7	95.2	91.8	92.4	93.7	90.7	88.0	90.1	90.6	87.8	86.5	88.6	92.0	91.0	89.7	91.5			
110	97.5	96.0	90.1	91.6	92.7	89.1	87.0	91.3	91.9	89.8	84.3	85.6	89.4	89.5	87.7	93.9			
115	90.3	91.7	86.6	88.5	89.2	84.2	84.5	87.5	85.8	86.2	83.3	83.2	87.4	87.4	85.1	90.6			
120	86.6	85.3	83.1	84.1	85.2	80.3	81.6	82.6	82.5	81.5	81.5	81.0	85.7	84.0	82.5	84.7			
125	84.7	80.6	79.7	78.6	80.8	77.5	78.3	79.6	81.4	78.6	79.0	79.0	82.2	80.2	80.3	80.4			
130	82.3	76.6	74.7	74.0	76.1	74.0	74.7	76.8	79.4	76.0	75.7	75.6	78.7	76.4	75.7	76.8			
135	78.3	72.5	68.4	69.7	72.3	69.1	69.9	73.9	76.5	72.8	70.6	71.9	74.7	73.1	69.2	72.8			
140	73.5	68.1	62.4	61.6	67.3	61.3	63.9	69.5	72.6	69.3	64.7	64.5	70.7	67.2	63.0	68.7			
145	67.3	63.0	56.6	57.5	62.2	57.5	58.3	64.7	67.3	64.2	58.5	58.4	65.3	60.1	57.8	63.2			
150	59.4	55.9	50.1	51.8	55.8	51.5	52.0	57.9	60.6	58.0	52.9	53.7	59.0	54.7	51.6	56.0			
155	51.9	49.5	45.7	47.4	49.5	47.0	47.5	51.1	53.5	52.1	48.0	49.7	53.3	50.4	47.8	50.2			
160	45.0	44.2	42.2	42.8	43.7	42.5	43.2	45.6	46.0	46.4	44.5	45.8	47.5	45.3	44.0	45.3			
165	39.4	39.9	38.8	38.6	39.2	39.3	39.3	40.3	40.6	40.7	41.4	41.6	42.1	40.5	40.1	41.1			
170	36.2	36.9	36.9	36.1	37.3	36.9	36.2	36.3	36.5	36.8	38.3	39.0	38.7	37.4	37.7	37.8			
175	36.4	35.8	34.3	34.3	36.3	36.1	35.1	35.6	36.6	34.6	34.6	36.5	37.6	36.6	36.4	36.8			
180	37.2	35.5	34.8	35.1	37.1	36.0	36.3	36.5	37.3	35.5	34.8	35.0	37.1	36.0	36.3	36.4			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:chen
 Test Date:2022-10-04

□ Range: 0 - 180DEG
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