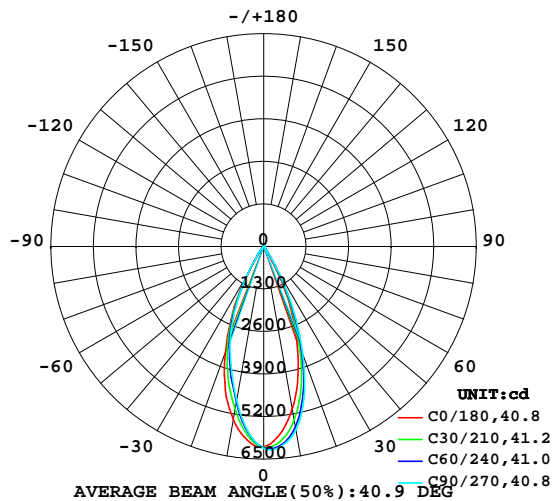


## LUMINAIRE PHOTOMETRIC TEST REPORT

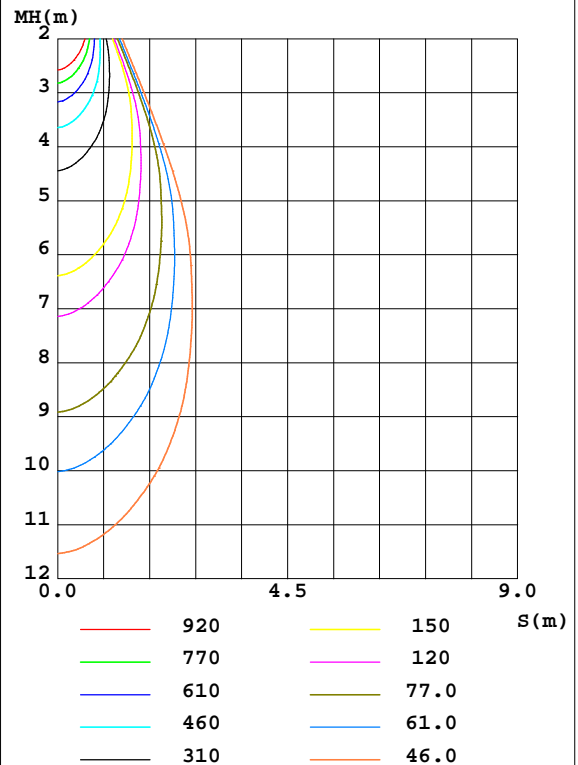
Test:U:220.80V I:0.1560A P:32.200W PF:0.9320 Freq:50.00Hz		
Lamp Flux:2986.87x1 lm		
Name: LS-N 1200 32W CCT(3000K)	Type: 长条形	
MFR.:	DIM.: 1205*36*92mm	
	SUR.: 1192*30mm	

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 92.76 lm/W
MODEL		Imax(cd)	6220	S/MH(C0/180)	0.68	
NOMINAL POWER(W)	32	LOR(%)	100.0	S/MH(C90/270)	0.61	
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	2986.9	$\eta$ UP,DN(C0-180)	1.5,49.0	
NOMINAL FLUX(lm)	2986.87	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	1.7,47.8	
LAMPS INSIDE	1	$\eta$ up(%)	3.2	CIBSE SHR NOM	0.50	
TEST VOLTAGE(V)	220.8	$\eta$ down(%)	96.8	CIBSE SHR MAX	0.70	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2023-09-27

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.443  
Humidity:65.0%  
Test Distance:8.000m [K=0.7063]  
Remarks: 透镜:X7030-Y-50D-R, LED:PB4-3030BA5-WPDD, PCB:LS-N-2X9S5P-V1.0, 电源:SC42W300-1050CG-4(1050mA)

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

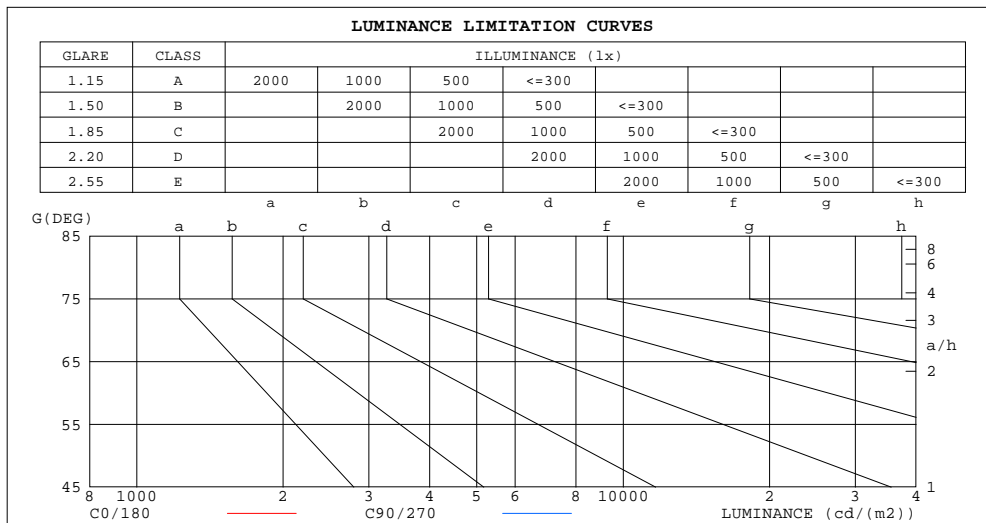
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	5039	5490	5681	5598	5364	4934	4779	4808	0- 10	539.7	539.7	18.1,18.1
20	2896	3277	3514	3459	3420	3165	2994	2992	10- 20	1181	1721	57.6,57.6
30	524.7	822.3	977.9	999.5	1035	1030	1036	803.4	20- 30	918.8	2640	88.4,88.4
40	46.79	63.34	50.60	72.59	94.92	129.6	142.0	108.4	30- 40	208.8	2849	95.4,95.4
50	8.130	9.730	9.763	10.07	12.74	16.20	16.31	14.47	40- 50	26.84	2875	96.3,96.3
60	2.039	3.125	3.680	3.106	3.495	5.333	6.728	4.911	50- 60	6.348	2882	96.5,96.5
70	0.6774	1.179	1.540	1.330	2.505	3.811	4.752	3.500	60- 70	2.949	2885	96.6,96.6
80	0.6730	1.245	2.121	1.529	3.540	4.374	5.030	4.052	70- 80	2.713	2887	96.7,96.7
90	1.148	1.611	2.159	1.927	4.569	4.958	5.238	4.760	80- 90	3.320	2891	96.8,96.8
100	2.455	2.492	2.753	2.932	5.886	5.951	5.975	5.799	90-100	4.041	2895	96.9,96.9
110	4.809	4.829	5.139	5.301	7.753	7.907	7.913	7.750	100-110	5.543	2900	97.1,97.1
120	9.164	9.031	9.129	9.213	10.78	11.35	11.49	11.20	110-120	8.069	2908	97.4,97.4
130	16.10	15.46	14.83	15.08	15.99	16.76	16.68	16.80	120-130	11.52	2920	97.8,97.8
140	25.65	23.91	21.83	23.03	23.68	24.36	23.48	24.69	130-140	15.22	2935	98.3,98.3
150	37.22	32.10	29.93	32.29	33.30	33.36	31.24	33.30	140-150	17.68	2953	98.9,98.9
160	45.05	39.09	39.17	41.34	40.78	41.81	39.80	39.86	150-160	16.98	2970	99.4,99.4
170	48.96	45.65	47.65	47.90	44.89	47.48	48.06	46.40	160-170	12.37	2982	99.8,99.8
180	49.97	50.19	52.07	51.29	50.01	50.23	52.09	51.32	170-180	4.647	2987	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2023-09-27**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity:65.0%**  
**Test Distance:8.000m [K=0.7063]**  
**Remarks: 透镜:X7030-Y-50D-R, LED:PB4-3030BA5-WPDD, PCB:LS-N-2X9S5P-V1.0, 电源:SC42W300-1050CG-4(1050mA)**

## LUMINANCE LIMITATION CURVES

Test:U:220.80V I:0.1560A P:32.200W PF:0.9320 Freq:50.00Hz Lamp Flux:2986.87x1 lm		
Name: LS-N 1200 32W CCT(3000K)	Type: 长条形	
MFR.:	DIM.: 1205*36*92mm	
	SUR.: 1192*30mm	



LUMINANCE cd/(m2)		
G( DEG )	C0/180	C90/270
85	265	682
80	111	349
75	71	178
70	57	129
65	71	147
60	117	210
55	199	305
50	361	434
45	687	711

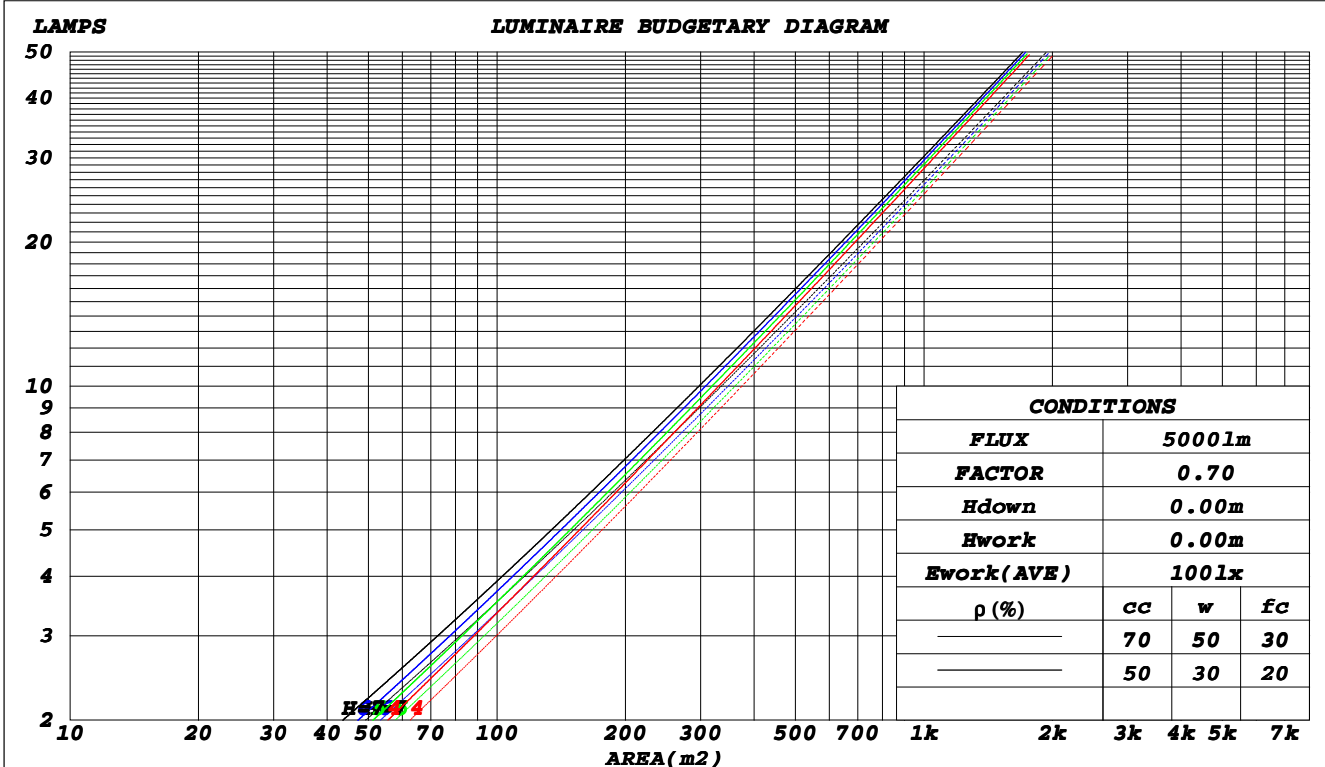
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2023-09-27

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.443  
Humidity: 65.0%  
Test Distance: 8.000m [K=0.7063]  
Remarks: 透镜: X7030-Y-50D-R, LED: PB4-3030BA5-WPDD, PCB: LS-N-2X9S5P-V1.0, 电源: SC42W300-1050CG-4(1050mA)

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.80V I:0.1560A P:32.200W PF:0.9320 Freq:50.00Hz		
Lamp Flux:2986.87x1 lm		
Name: LS-N 1200 32W CCT(3000K)	Type: 长条形	
MFR.:	DIM.: 1205*36*92mm	
	SUR.: 1192*30mm	

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.11	1.09	1.07	1.09	1.07	1.05	1.04	1.02	1.01	.99	.99	.97	.96	.95	.94	.92
2.0	1.05	1.01	.98	1.03	.99	.97	.99	.96	.94	.96	.93	.92	.92	.91	.89	.88
3.0	.99	.95	.91	.97	.93	.90	.94	.91	.88	.91	.89	.87	.89	.87	.85	.83
4.0	.94	.89	.85	.92	.88	.85	.90	.86	.83	.88	.85	.82	.86	.83	.81	.79
5.0	.89	.84	.81	.88	.83	.80	.86	.82	.79	.84	.81	.78	.82	.79	.77	.76
6.0	.85	.80	.76	.84	.79	.76	.82	.78	.75	.81	.77	.74	.79	.76	.74	.72
7.0	.81	.76	.72	.80	.76	.72	.79	.75	.72	.77	.74	.71	.76	.73	.70	.69
8.0	.77	.72	.69	.77	.72	.69	.76	.71	.68	.74	.71	.68	.73	.70	.67	.66
9.0	.74	.69	.66	.74	.69	.66	.73	.68	.65	.71	.68	.65	.70	.67	.65	.63
10.0	.71	.66	.63	.71	.66	.63	.70	.65	.63	.69	.65	.62	.68	.64	.62	.61



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2023-09-27

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.443  
Humidity:65.0%  
Test Distance:8.000m [K=0.7063]  
Remarks: 透镜:X7030-Y-50D-R, LED:PB4-3030BA5-WPDD, PCB:LS-N-2X9S5P-V1.0, 电源:SC42W300-1050CG-4(1050mA)

## WEC AND CCEC

Test:U:220.80V I:0.1560A P:32.200W PF:0.9320 Freq:50.00Hz		
Lamp Flux:2986.87x1 lm		
Name: LS-N 1200 32W CCT(3000K)	Type: 长条形	
MFR.:	DIM.: 1205*36*92mm	
	SUR.: 1192*30mm	

$\rho_{cc}$	80%			70%			50%			30%			10%			0	
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
$\rho_{fc}$	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.159	.090	.029	.151	.086	.027	.137	.079	.025	.124	.071	.023	.112	.065	.021		
2.0	.149	.082	.025	.142	.078	.024	.130	.072	.023	.119	.067	.021	.109	.062	.019		
3.0	.140	.075	.022	.135	.072	.022	.124	.067	.020	.115	.063	.019	.106	.059	.018		
4.0	.132	.069	.020	.128	.067	.020	.119	.063	.019	.110	.059	.018	.103	.056	.017		
5.0	.126	.064	.019	.121	.062	.018	.114	.059	.017	.106	.056	.017	.100	.053	.016		
6.0	.120	.060	.017	.116	.059	.017	.109	.056	.016	.103	.053	.016	.096	.051	.015		
7.0	.114	.056	.016	.111	.055	.016	.105	.053	.015	.099	.051	.015	.094	.049	.014		
8.0	.109	.053	.015	.106	.052	.015	.101	.050	.014	.096	.048	.014	.091	.047	.014		
9.0	.105	.051	.014	.102	.050	.014	.097	.048	.014	.092	.046	.013	.088	.045	.013		
10.0	.101	.048	.013	.098	.047	.013	.094	.046	.013	.089	.044	.013	.085	.043	.012		

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.215	.215	.215	.184	.184	.184	.125	.125	.125	.072	.072	.072	.023	.023	.023	
1.0	.195	.182	.171	.166	.156	.147	.114	.108	.102	.066	.062	.059	.021	.020	.019	
2.0	.178	.157	.140	.153	.136	.121	.105	.094	.085	.060	.055	.050	.019	.018	.016	
3.0	.164	.138	.118	.141	.119	.102	.097	.083	.072	.056	.048	.042	.018	.016	.014	
4.0	.153	.124	.101	.131	.107	.088	.090	.074	.062	.052	.044	.036	.017	.014	.012	
5.0	.144	.112	.088	.123	.097	.077	.085	.067	.054	.049	.040	.032	.016	.013	.011	
6.0	.136	.102	.078	.117	.088	.068	.080	.062	.048	.047	.036	.029	.015	.012	.009	
7.0	.129	.094	.070	.111	.082	.061	.077	.057	.043	.044	.034	.026	.014	.011	.009	
8.0	.123	.088	.064	.106	.076	.056	.073	.054	.039	.043	.032	.024	.014	.010	.008	
9.0	.118	.083	.059	.101	.072	.051	.070	.050	.036	.041	.030	.022	.013	.010	.007	
10.0	.113	.078	.055	.097	.068	.048	.068	.048	.034	.039	.028	.020	.013	.009	.007	

**C Range:** 0 - 360DEG  
**C Interval:** 30.0DEG  
**Test Speed:** HIGH  
**Temperature:** 25.3DEG  
**Operators:** DAMIN  
**Test Date:** 2023-09-27

**$\gamma$  Range:** 0 - 180DEG  
 **$\gamma$  Interval:** 1.0DEG  
**Test System:** EVERFINE GO-2000A\_V1 SYSTEM V2.00.443  
**Humidity:** 65.0%  
**Test Distance:** 8.000m [K=0.7063]  
**Remarks:** 透镜:X7030-Y-50D-R, LED:PB4-3030BA5-WPDD, PCB:LS-N-2X9S5P-V1.0, 电源:SC42W300-1050CG-4(1050mA)

UGR(Unified Glare Rating) Table

Test:U:220.80V I:0.1560A P:32.200W PF:0.9320 Freq:50.00Hz										
Lamp Flux:2986.87x1 lm										
Name: LS-N 1200 32W CCT(3000K)					Type: 长条形					
MFR.:					DIM.: 1205*36*92mm					
					SUR.: 1192*30mm					
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	4.6	5.4	4.9	5.6	5.8	7.4	8.2	7.7	8.4	8.6
3H	4.5	5.2	4.8	5.4	5.7	7.2	8.0	7.5	8.2	8.4
4H	4.4	5.0	4.7	5.3	5.6	7.2	7.8	7.5	8.1	8.4
6H	4.3	4.9	4.6	5.2	5.5	7.1	7.7	7.4	8.0	8.3
8H	4.2	4.9	4.6	5.2	5.5	7.1	7.7	7.4	8.0	8.3
12H	4.2	4.8	4.6	5.1	5.4	7.1	7.7	7.4	8.0	8.3
4H 2H	4.4	5.0	4.7	5.3	5.6	7.1	7.8	7.5	8.1	8.4
3H	4.2	4.8	4.6	5.1	5.4	7.0	7.5	7.3	7.9	8.2
4H	4.1	4.6	4.5	5.0	5.3	6.9	7.4	7.3	7.8	8.1
6H	4.0	4.5	4.4	4.9	5.3	6.8	7.3	7.2	7.7	8.1
8H	4.0	4.4	4.4	4.8	5.2	6.8	7.3	7.3	7.7	8.1
12H	3.9	4.3	4.4	4.8	5.2	6.8	7.2	7.3	7.7	8.1
8H 4H	3.9	4.4	4.4	4.8	5.2	6.7	7.2	7.2	7.6	8.0
6H	3.9	4.2	4.3	4.7	5.1	6.7	7.0	7.1	7.5	7.9
8H	3.8	4.1	4.3	4.6	5.1	6.7	7.0	7.2	7.5	8.0
12H	3.8	4.1	4.4	4.6	5.1	6.8	7.0	7.3	7.5	8.1
12H 4H	3.9	4.3	4.4	4.7	5.2	6.7	7.1	7.1	7.5	7.9
6H	3.8	4.1	4.3	4.6	5.1	6.6	6.9	7.1	7.4	7.9
8H	3.8	4.1	4.3	4.6	5.1	6.6	6.9	7.2	7.4	7.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.8 / - 7.8					+ 3.5 / - 4.5				
1.5H	+ 6.3 / - 6.6					+ 5.8 / - 4.1				
2.0H	+ 3.5 / - 2.2					+ 1.9 / - 0.8				

CIE Pub.117, 2987 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 3.8$ )  
Area: 0.035 m<sup>2</sup>

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2023-09-27

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.443  
Humidity:65.0%  
Test Distance:8.000m [K=0.7063]  
Remarks: 透镜:X7030-Y-50D-R, LED:PB4-3030BA5-WPDD, PCB:LS-N-2X9S5P-V1.0, 电源:SC42W300-1050CG-4(1050mA)

**UTILIZATION FACTORS TABLE**

Test:U:220.80V I:0.1560A P:32.200W PF:0.9320 Freq:50.00Hz Lamp Flux:2986.87x1 lm		
Name: LS-N 1200 32W CCT(3000K)	Type: 长条形	
MFR.:	DIM.: 1205*36*92mm	
	SUR.: 1192*30mm	

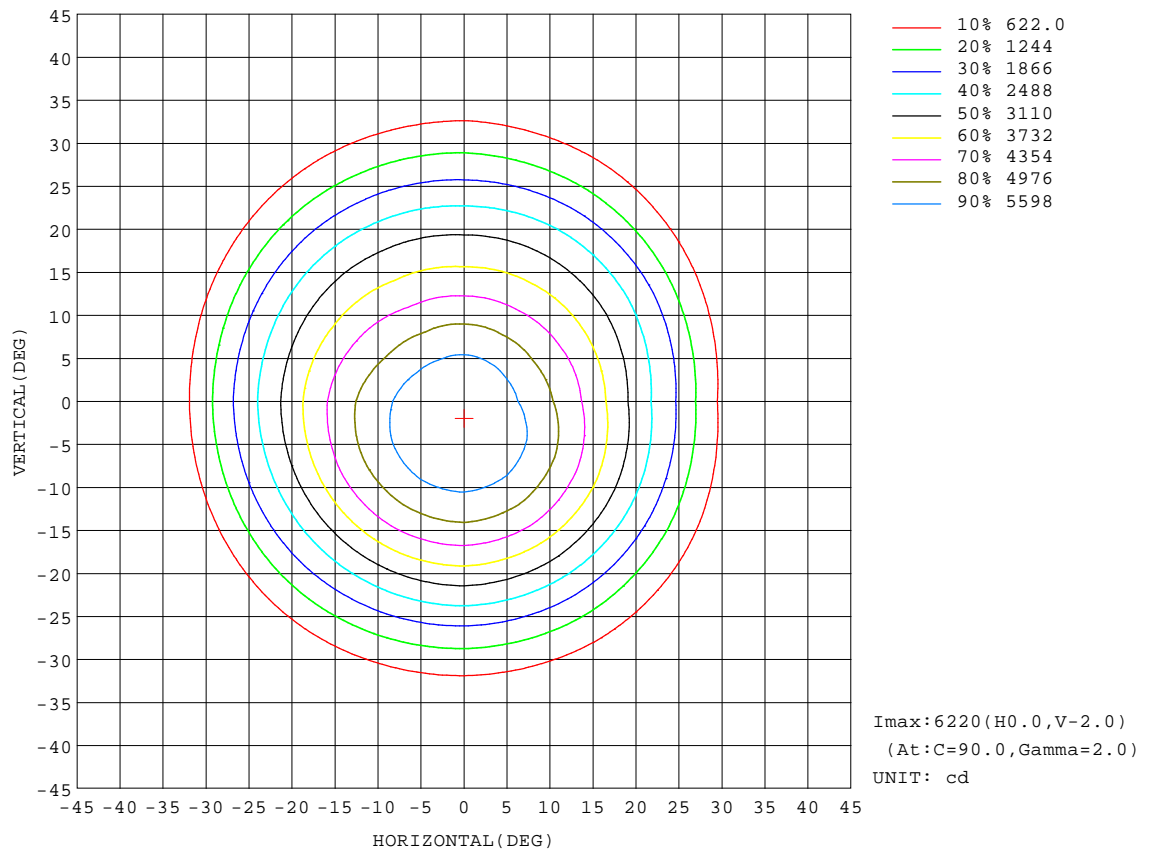
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	88	83	79	87	82	79	76
0.80	96	90	87	95	90	87	94	89	86	82
1.00	100	94	91	99	94	91	97	93	90	86
1.25	103	98	95	102	98	95	100	96	94	89
1.50	106	101	98	104	100	98	102	99	96	91
2.00	108	104	101	107	103	100	103	101	98	93
2.50	110	106	103	108	105	102	104	102	100	93
3.00	111	108	105	109	106	104	105	103	101	94
4.00	113	111	108	111	109	107	107	105	104	96
5.00	115	112	111	112	110	109	108	106	105	97
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNM = 1.25		

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:DAMIN**  
**Test Date:2023-09-27**

**$\gamma$  Range: 0 - 180DEG**  
 **$\gamma$  Interval: 1.0DEG**  
**Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity:65.0%**  
**Test Distance:8.000m [K=0.7063]**  
**Remarks: 透镜:X7030-Y-50D-R, LED:PB4-3030BA5-WPDD, PCB:LS-N-2X9S5P-V1.0, 电源:SC42W300-1050CG-4(1050mA)**

## ISOCANDELA DIAGRAM

Test:U:220.80V I:0.1560A P:32.200W PF:0.9320 Freq:50.00Hz Lamp Flux:2986.87x1 lm		
Name: LS-N 1200 32W CCT(3000K)	Type: 长条形	
MFR.:	DIM.: 1205*36*92mm	
	SUR.: 1192*30mm	



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2023-09-27

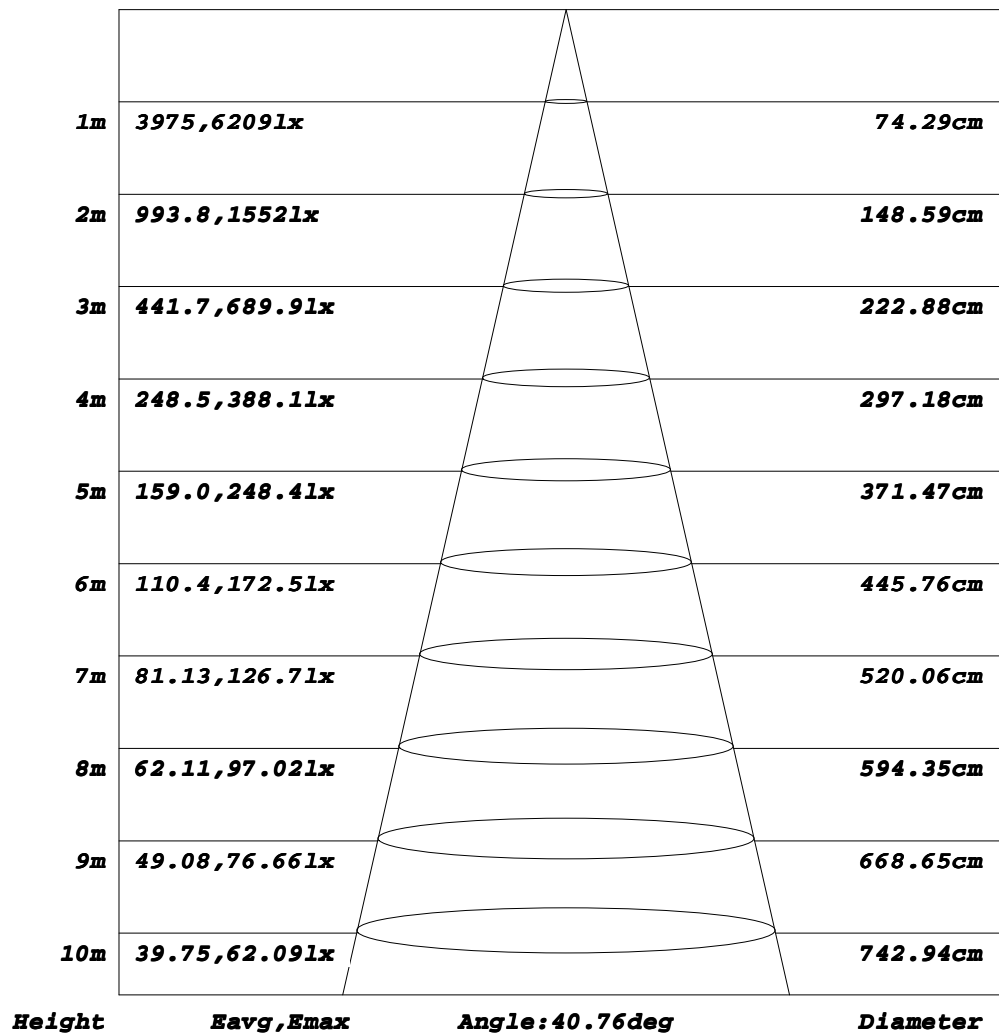
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.443  
Humidity:65.0%  
Test Distance:8.000m [K=0.7063]  
Remarks: 透镜:X7030-Y-50D-R, LED:PB4-3030BA5-  
WPDD, PCB:LS-N-2X9S5P-V1.0, 电源:  
SC42W300-1050CG-4(1050mA)



## AAI Figure

Test:U:220.80V I:0.1560A P:32.200W PF:0.9320 Freq:50.00Hz Lamp Flux:2986.87x1 lm		
Name: LS-N 1200 32W CCT(3000K)	Type: 长条形	
MFR.:	DIM.: 1205*36*92mm	
	SUR.: 1192*30mm	

Flux out:1840 lm



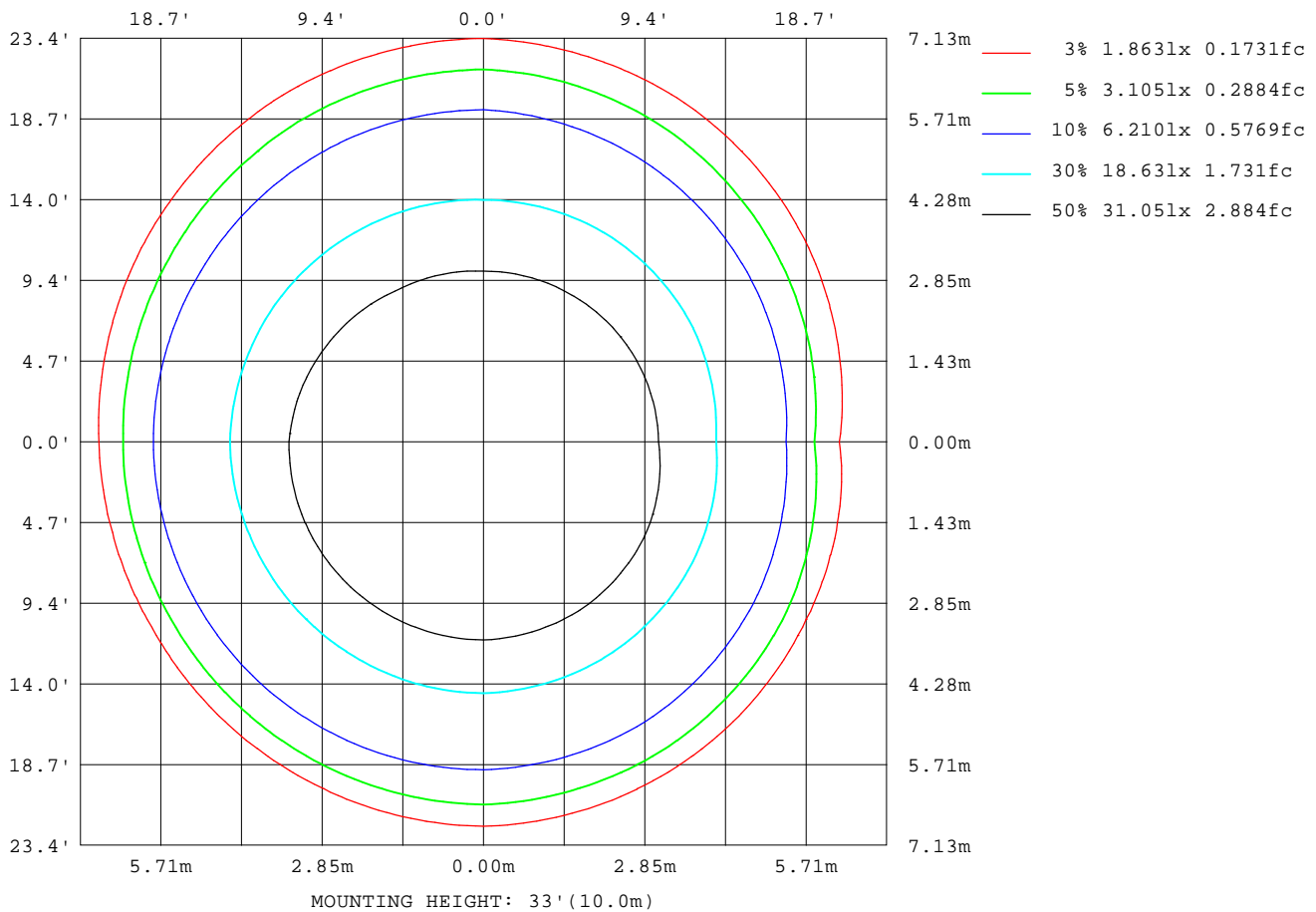
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2023-09-27

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.443  
Humidity: 65.0%  
Test Distance: 8.000m [K=0.7063]  
Remarks: 透镜: X7030-Y-50D-R, LED: PB4-3030BA5-WPDD, PCB: LS-N-2X9S5P-V1.0, 电源: SC42W300-1050CG-4(1050mA)

## ISOLUX DIAGRAM

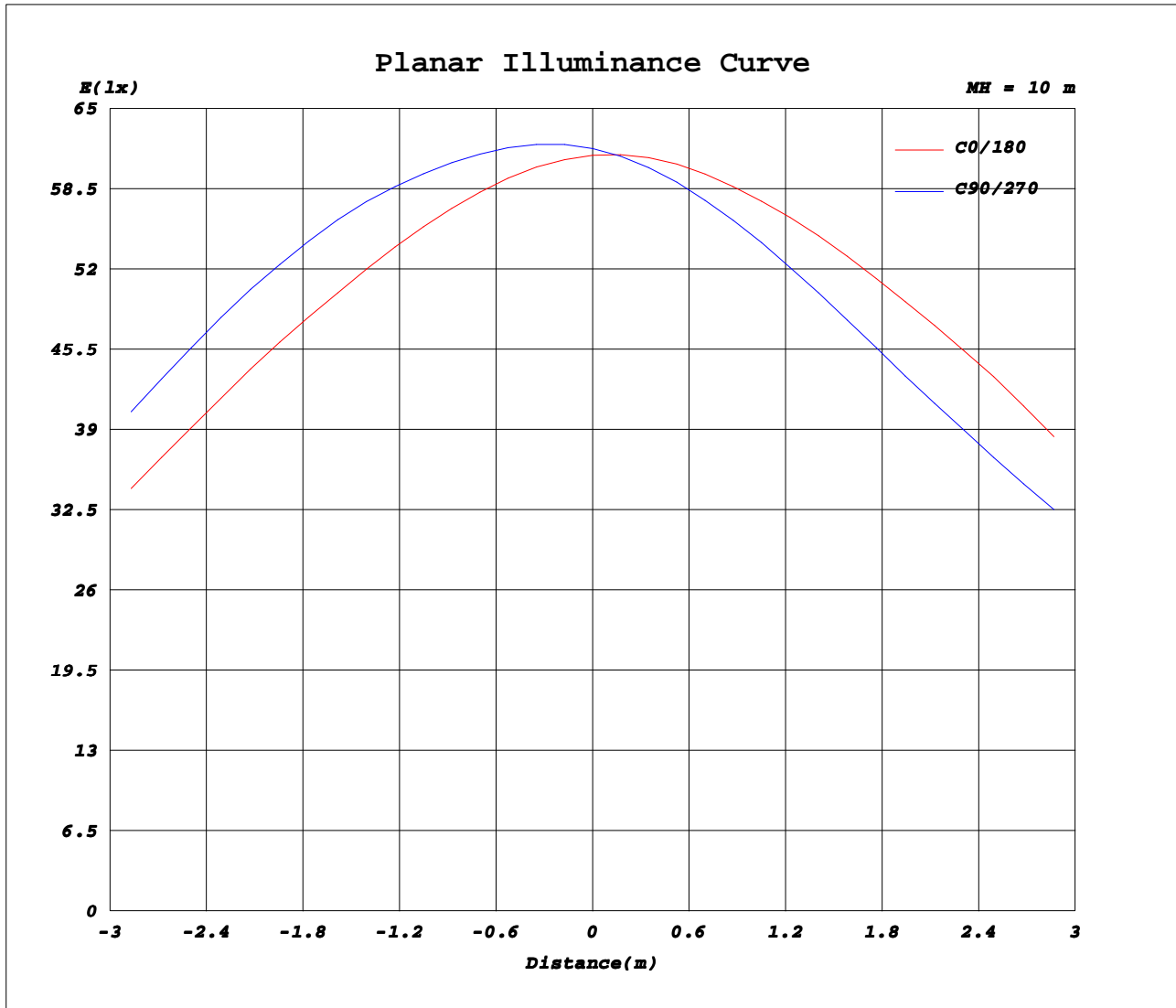
Test:U:220.80V I:0.1560A P:32.200W PF:0.9320 Freq:50.00Hz Lamp Flux:2986.87x1 lm		
Name: LS-N 1200 32W CCT(3000K)	Type: 长条形	
MFR.:	DIM.: 1205*36*92mm	
	SUR.: 1192*30mm	



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2023-09-27

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.443  
Humidity: 65.0%  
Test Distance: 8.000m [K=0.7063]  
Remarks: 透镜: X7030-Y-50D-R, LED: PB4-3030BA5-WPDD, PCB: LS-N-2X9S5P-V1.0, 电源: SC42W300-1050CG-4(1050mA)

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2023-09-27

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.443  
Humidity: 65.0%  
Test Distance: 8.000m [K=0.7063]  
Remarks: 透镜: X7030-Y-50D-R, LED: PB4-3030BA5-WPDD, PCB: LS-N-2X9S5P-V1.0, 电源: SC42W300-1050CG-4(1050mA)

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.80V I:0.1560A P:32.200W PF:0.9320 Freq:50.00Hz Lamp Flux:2986.87x1 lm		
Name: LS-N 1200 32W CCT(3000K)	Type: 长条形	
MFR.:	DIM.: 1205*36*92mm	
	SUR.: 1192*30mm	

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	6121	6136	6157	6176	6168	6145	6121	6133	6157	6176	6168	6149						
5	5757	5970	6091	6131	6117	6049	5936	5779	5681	5659	5649	5680						
10	5039	5383	5596	5681	5652	5545	5364	5041	4828	4779	4767	4848						
15	4077	4419	4657	4781	4755	4676	4540	4205	3942	3842	3875	3963						
20	2896	3170	3384	3514	3476	3441	3420	3246	3084	2994	3002	2983						
25	1783	1936	2069	2166	2165	2201	2264	2180	2080	2010	1988	1923						
30	525	747	897	978	992	1007	1035	1025	1034	1036	894	713						
35	176	196	218	238	235	246	280	323	360	372	329	260						
40	46.8	64.6	62.1	50.6	64.6	80.6	94.9	120	139	142	125	92.3						
45	17.0	20.2	19.7	17.6	19.8	23.1	27.8	37.9	42.2	39.5	38.9	32.3						
50	8.13	9.51	9.95	9.76	9.59	10.5	12.7	15.6	16.8	16.3	15.7	13.2						
55	3.99	5.16	5.88	6.12	5.57	5.62	6.55	7.74	8.84	9.36	8.47	6.65						
60	2.04	2.84	3.42	3.68	3.20	3.01	3.50	4.68	5.98	6.73	5.75	4.08						
65	1.04	1.55	1.95	2.18	1.80	1.86	2.58	3.58	4.67	5.35	4.54	3.03						
70	0.68	1.02	1.34	1.54	1.19	1.47	2.50	3.39	4.24	4.75	4.19	2.81						
75	0.64	0.93	1.31	1.62	1.12	1.58	2.99	3.70	4.34	4.79	4.38	3.02						
80	0.67	0.94	1.55	2.12	1.30	1.76	3.54	4.13	4.62	5.03	4.75	3.36						
85	0.81	1.11	1.62	2.08	1.36	2.05	4.06	4.49	4.75	5.05	5.03	3.75						
90	1.15	1.41	1.82	2.16	1.49	2.37	4.57	4.90	5.01	5.24	5.36	4.16						
95	1.72	1.76	2.01	2.26	1.70	2.77	5.13	5.38	5.32	5.42	5.69	4.64						
100	2.46	2.42	2.56	2.75	2.34	3.53	5.89	6.02	5.88	5.98	6.29	5.30						
105	3.44	3.39	3.52	3.72	3.37	4.54	6.79	6.87	6.69	6.78	7.10	6.16						
110	4.81	4.75	4.91	5.14	4.81	5.79	7.75	7.95	7.86	7.91	8.18	7.32						
115	6.70	6.59	6.72	6.95	6.65	7.43	9.05	9.37	9.44	9.52	9.65	8.84						
120	9.16	9.02	9.04	9.13	8.92	9.51	10.8	11.3	11.4	11.5	11.5	10.9						
125	12.2	12.0	11.9	11.7	11.6	12.1	13.1	13.7	13.9	13.9	13.9	13.5						
130	16.1	15.7	15.2	14.8	14.9	15.3	16.0	16.7	16.9	16.7	16.9	16.7						
135	20.5	20.0	19.1	18.2	18.5	19.0	19.5	20.3	20.3	19.9	20.3	20.6						
140	25.7	24.7	23.2	21.8	22.6	23.4	23.7	24.4	24.3	23.5	24.3	25.1						
145	31.4	29.2	27.1	25.8	27.0	28.1	28.3	29.0	28.5	27.3	28.3	29.9						
150	37.2	33.4	30.8	29.9	31.6	33.0	33.3	33.8	32.9	31.2	32.2	34.4						
155	41.8	36.9	34.6	34.5	36.5	37.6	37.5	38.3	37.4	35.4	35.8	38.0						
160	45.0	39.9	38.2	39.2	41.1	41.6	40.8	42.0	41.7	39.8	39.1	40.6						
165	47.2	42.8	42.0	43.6	45.1	44.6	42.8	44.6	45.3	44.2	42.7	43.3						
170	49.0	45.7	45.6	47.6	48.6	47.2	44.9	46.7	48.2	48.1	46.4	46.4						
175	50.2	48.4	48.9	50.8	51.0	49.5	47.4	48.4	49.9	50.8	49.7	49.1						
180	50.0	49.7	50.7	52.1	51.7	50.8	50.0	49.8	50.7	52.1	51.7	50.9						

**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature: 25.3DEG**  
**Operators: DAMIN**  
**Test Date: 2023-09-27**

**γ Range: 0 - 180DEG**  
**γ Interval: 1.0DEG**  
**Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.443**  
**Humidity: 65.0%**  
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**Remarks: 透镜: X7030-Y-50D-R, LED: PB4-3030BA5-WPDD, PCB: LS-N-2X9S5P-V1.0, 电源: SC42W300-1050CG-4(1050mA)**