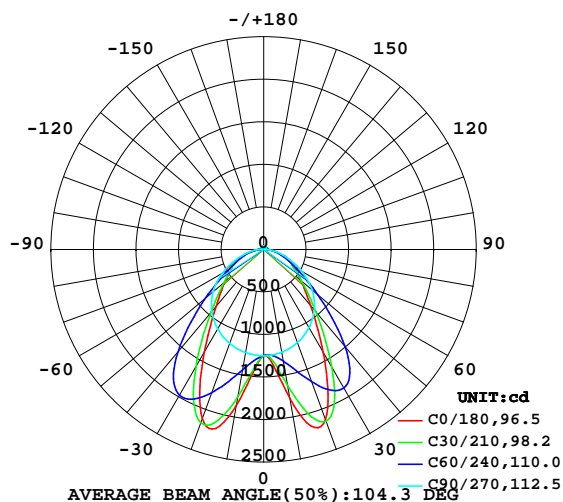


## LUMINAIRE PHOTOMETRIC TEST REPORT

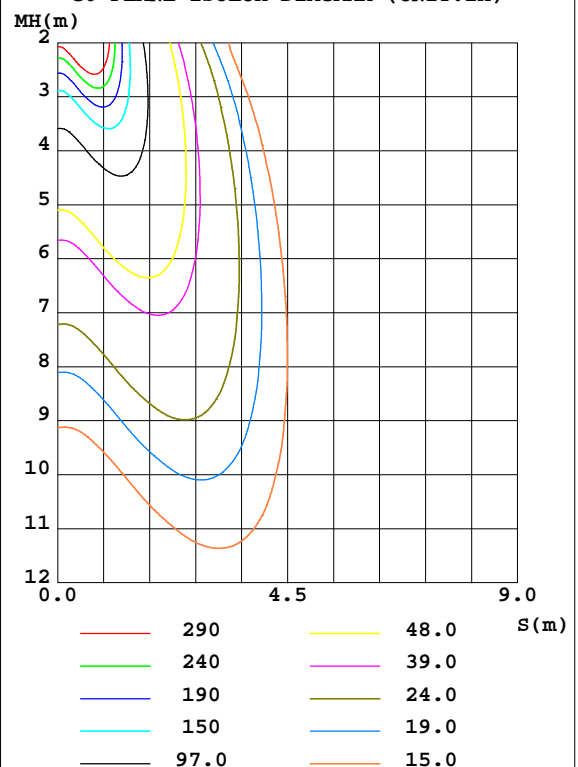
Test:U:220.70V I:0.1570A P:32.400W PF:0.9340 Freq:50.00Hz Lamp Flux:4337.9x1 lm		
Name: LS-W 1200 32W CCT(3000K+5000K)	Type: 长条形	
MFR.:	DIM.: 1188*36*92mm	
	SUR.: 1176*30mm	

DATA OF LAMP		PHOTOMETRIC DATA Eff: 133.89 lm/W			
MODEL		Imax(cd)	2200	S/MH(C0/180)	1.30
NOMINAL POWER(W)	32	LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	4337.9	$\eta$ UP,DN(C0-180)	2.0,46.6
NOMINAL FLUX(lm)	4337.9	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	2.2,49.2
LAMPS INSIDE	1	$\eta$ up(%)	4.2	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220.8	$\eta$ down(%)	95.8	CIBSE SHR MAX	0.60

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: 2\*?°, LED: HL-A-2835D3W-2-S1-08L-HR  
(0.2W高光效), PCB: LS-W-2X10S14P-V1.0,  
电源: SC42W300-1050CG-4(1050mA)

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

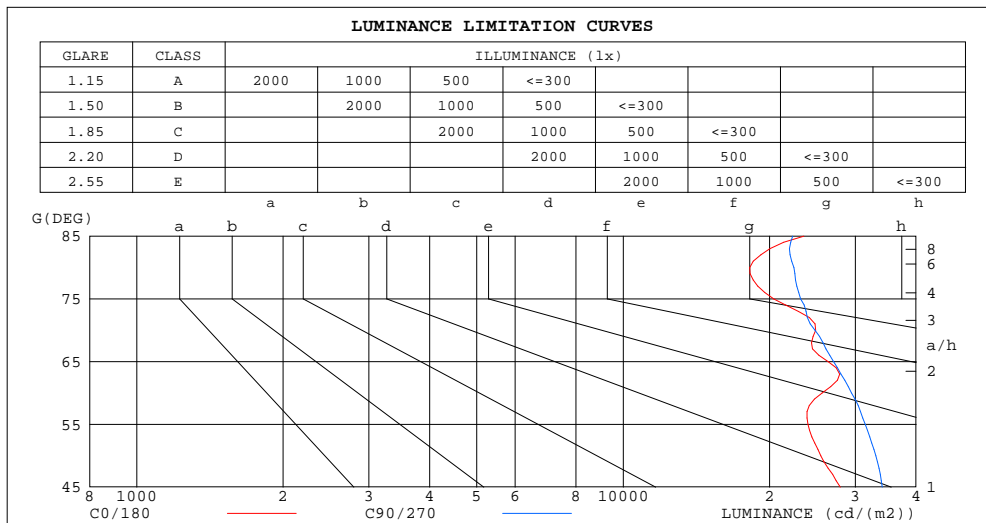
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	1778	1476	1227	1647	1864	1598	1231	1461	0- 10	133.7	133.7	3.08,3.08
20	2127	1901	1164	1988	2112	1980	1176	1926	10- 20	497.1	630.8	14.5,14.5
30	1399	1743	1063	1700	1400	1786	1081	1807	20- 30	805.8	1437	33.1,33.1
40	858.1	1221	928.0	1125	870.6	1266	949.3	1283	30- 40	845.3	2282	52.6,52.6
50	573.2	709.8	743.9	658.2	598.6	757.0	777.8	760.4	40- 50	690.9	2973	68.5,68.5
60	448.7	415.0	515.8	409.4	496.3	455.0	560.3	448.8	50- 60	505.1	3478	80.2,80.2
70	297.8	261.6	296.9	253.6	300.7	287.2	338.7	292.2	60- 70	371.5	3849	88.7,88.7
80	110.7	121.8	136.3	114.8	121.9	137.6	165.5	142.6	70- 80	216.8	4066	93.7,93.7
90	46.62	46.56	14.01	44.36	50.41	52.99	25.56	55.79	80- 90	89.29	4155	95.8,95.8
100	27.10	24.69	19.75	25.39	29.43	27.52	27.53	27.57	90-100	35.23	4191	96.6,96.6
110	28.18	25.65	21.63	26.45	29.93	28.23	16.82	28.01	100-110	27.75	4218	97.2,97.2
120	31.91	25.73	19.91	26.20	32.19	28.03	20.15	27.52	110-120	26.14	4244	97.8,97.8
130	29.61	25.34	24.41	26.52	30.51	27.59	24.33	26.78	120-130	24.06	4269	98.4,98.4
140	27.30	27.68	28.64	29.36	27.72	29.47	28.40	28.26	130-140	21.08	4290	98.9,98.9
150	31.79	30.75	32.68	32.74	31.19	32.32	32.24	31.02	140-150	18.92	4309	99.3,99.3
160	34.71	34.41	36.41	35.58	33.05	34.51	35.70	33.92	150-160	15.36	4324	99.7,99.7
170	37.65	38.48	39.18	38.70	36.75	37.43	38.64	37.95	160-170	10.25	4334	99.9,99.9
180	41.04	39.94	40.25	40.29	41.10	39.91	40.21	40.29	170-180	3.734	4338	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:2\*? °, LED:HL-A-2835D3W-2-S1-08L-HR**  
**(0.2W高光效), PCB:LS-W-2X10S14P-V1.0,**  
**电源: SC42W300-1050CG-4(1050mA)**

## LUMINANCE LIMITATION CURVES

Test:U:220.70V I:0.1570A P:32.400W PF:0.9340 Freq:50.00Hz Lamp Flux:4337.9x1 lm		
Name: LS-W 1200 32W CCT(3000K+5000K)	Type: 长条形	
MFR.:	DIM.: 1188*36*92mm	
	SUR.: 1176*30mm	



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	23515	22305
80	18207	22429
75	20397	23181
70	24881	24799
65	26392	27077
60	25641	29475
55	23994	31443
50	25477	33066
45	27958	34107

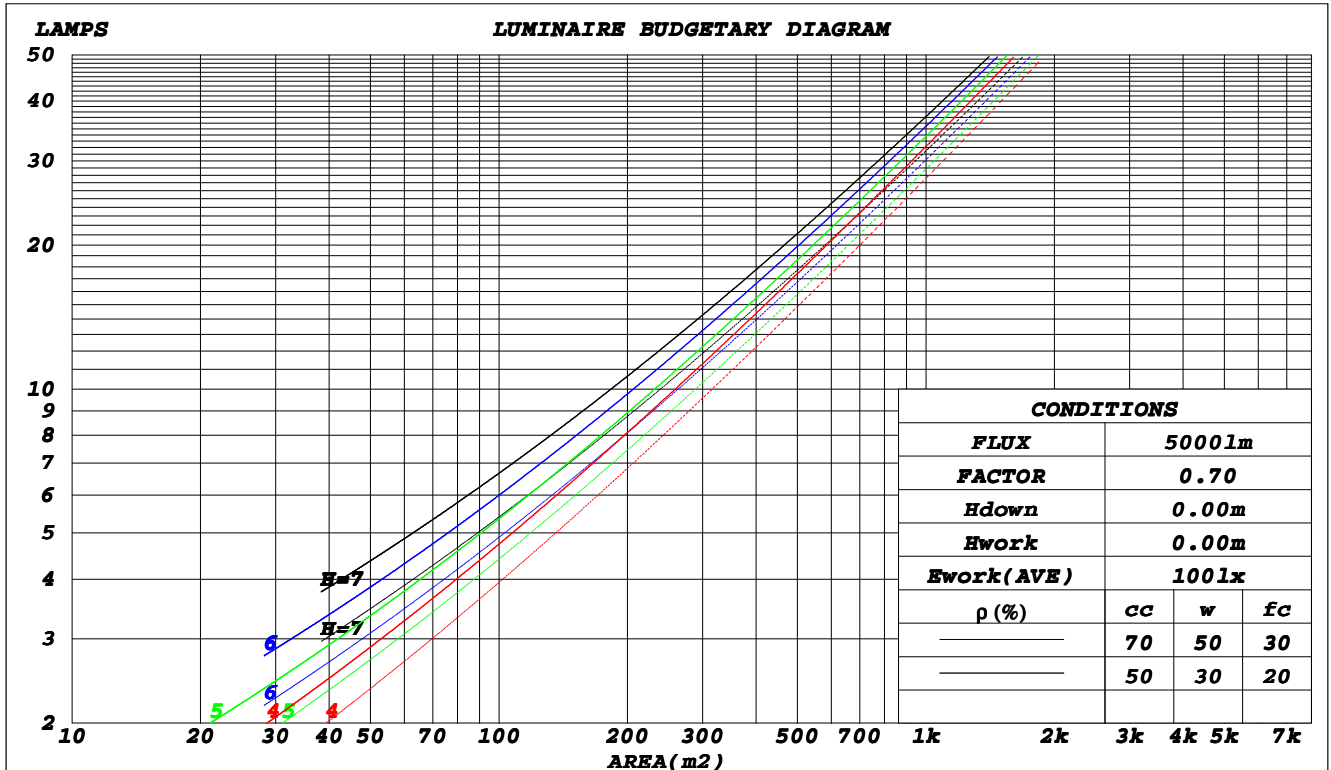
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2023-09-27

$\gamma$  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: 2\*?°, LED: HL-A-2835D3W-2-S1-08L-HR (0.2W高光效), PCB: LS-W-2X10S14P-V1.0, 电源: SC42W300-1050CG-4(1050mA)

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.70V I:0.1570A P:32.400W PF:0.9340 Freq:50.00Hz		
Lamp Flux:4337.9x1 lm		
Name: LS-W 1200 32W CCT(3000K+5000K)	Type: 长条形	
MFR.:	DIM.: 1188*36*92mm	
	SUR.: 1176*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	1.03	1.03	1.03	.98	.98	.98	.96
1.0	1.04	1.00	.97	1.01	.98	.95	.96	.94	.91	.92	.90	.87	.88	.86	.84	.82
2.0	.92	.86	.80	.90	.84	.79	.86	.81	.77	.82	.78	.74	.78	.75	.72	.70
3.0	.82	.74	.68	.80	.73	.67	.76	.70	.66	.73	.68	.64	.70	.66	.62	.60
4.0	.73	.65	.59	.72	.64	.58	.69	.62	.57	.66	.60	.56	.63	.59	.55	.52
5.0	.66	.58	.51	.65	.57	.51	.62	.55	.50	.60	.54	.49	.58	.52	.48	.46
6.0	.60	.51	.45	.59	.51	.45	.56	.50	.44	.54	.48	.44	.53	.47	.43	.41
7.0	.55	.46	.40	.54	.46	.40	.52	.45	.40	.50	.44	.39	.48	.43	.39	.37
8.0	.50	.42	.36	.49	.41	.36	.47	.41	.36	.46	.40	.35	.45	.39	.35	.33
9.0	.46	.38	.33	.45	.38	.33	.44	.37	.32	.43	.36	.32	.41	.36	.32	.30
10.0	.43	.35	.30	.42	.35	.30	.41	.34	.29	.39	.33	.29	.38	.33	.29	.27



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: 2\*?°, LED: HL-A-2835D3W-2-S1-08L-HR  
(0.2W高光效), PCB: LS-W-2X10S14P-V1.0,  
电源: SC42W300-1050CG-4(1050mA)

## WEC AND CCEC

Test:U:220.70V I:0.1570A P:32.400W PF:0.9340 Freq:50.00Hz		
Lamp Flux:4337.9x1 lm		
Name: LS-W 1200 32W CCT(3000K+5000K)	Type: 长条形	
MFR.:	DIM.: 1188*36*92mm	
	SUR.: 1176*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	.286	.163	.052	.278	.159	.050	.262	.151	.048	.248	.143	.046	.235	.136	.044		
2.0	.267	.147	.045	.260	.143	.044	.246	.137	.043	.234	.131	.041	.222	.126	.040		
3.0	.248	.132	.040	.242	.129	.039	.230	.124	.038	.218	.120	.037	.208	.115	.036		
4.0	.230	.120	.035	.224	.117	.035	.214	.113	.034	.204	.109	.033	.194	.105	.032		
5.0	.214	.109	.032	.209	.107	.031	.199	.104	.031	.190	.100	.030	.182	.097	.029		
6.0	.200	.100	.029	.195	.098	.028	.186	.095	.028	.178	.093	.027	.170	.090	.027		
7.0	.187	.092	.026	.183	.091	.026	.175	.088	.025	.167	.086	.025	.160	.083	.025		
8.0	.175	.086	.024	.171	.084	.024	.164	.082	.023	.158	.080	.023	.151	.078	.023		
9.0	.165	.080	.022	.162	.079	.022	.155	.077	.022	.149	.075	.021	.143	.073	.021		
10.0	.156	.075	.021	.153	.074	.021	.147	.072	.020	.141	.070	.020	.136	.068	.020		

$\rho_{cc}$	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	.223	.223	.223	.190	.190	.190	.130	.130	.130	.075	.075	.075	.024	.024	.024	
1.0	.211	.189	.169	.181	.162	.145	.123	.111	.100	.071	.064	.058	.023	.021	.019	
2.0	.202	.165	.133	.173	.142	.115	.118	.098	.080	.068	.057	.047	.022	.018	.015	
3.0	.193	.147	.110	.165	.127	.095	.114	.088	.067	.066	.051	.039	.021	.017	.013	
4.0	.185	.133	.094	.159	.115	.082	.109	.080	.058	.063	.047	.034	.020	.015	.011	
5.0	.178	.123	.083	.152	.106	.072	.105	.074	.051	.061	.044	.030	.020	.014	.010	
6.0	.171	.114	.074	.147	.099	.065	.101	.069	.046	.059	.041	.027	.019	.013	.009	
7.0	.164	.108	.068	.141	.093	.059	.097	.065	.042	.057	.039	.025	.018	.013	.008	
8.0	.158	.102	.063	.136	.088	.055	.094	.062	.039	.055	.037	.023	.018	.012	.008	
9.0	.152	.097	.060	.131	.084	.052	.091	.059	.037	.053	.035	.022	.017	.011	.007	
10.0	.147	.093	.057	.127	.080	.049	.088	.057	.035	.051	.033	.021	.017	.011	.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: 2\*?°, LED: HL-A-2835D3W-2-S1-08L-HR  
 (0.2W高光效), PCB: LS-W-2X10S14P-V1.0,  
 电源: SC42W300-1050CG-4(1050mA)

UGR(Unified Glare Rating) Table

Test:U:220.70V I:0.1570A P:32.400W PF:0.9340 Freq:50.00Hz										
Lamp Flux:4337.9x1 lm										
Name: LS-W 1200 32W CCT(3000K+5000K)					Type: 长条形					
MFR.:					DIM.: 1188*36*92mm					
					SUR.: 1176*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	22.9	24.3	23.2	24.5	24.8	24.1	25.5	24.4	25.7	26.0
3H	24.5	25.7	24.8	26.0	26.4	25.2	26.4	25.5	26.7	27.1
4H	25.1	26.2	25.4	26.6	26.9	25.7	26.9	26.0	27.2	27.5
6H	25.4	26.5	25.8	26.8	27.2	26.1	27.2	26.5	27.5	27.9
8H	25.5	26.6	25.9	27.0	27.3	26.2	27.3	26.6	27.7	28.0
12H	25.7	26.7	26.1	27.1	27.5	26.4	27.4	26.8	27.8	28.1
4H 2H	23.4	24.6	23.8	24.9	25.3	24.4	25.6	24.7	25.9	26.2
3H	25.2	26.2	25.6	26.6	27.0	25.6	26.7	26.0	27.0	27.4
4H	25.9	26.8	26.3	27.2	27.6	26.3	27.2	26.7	27.6	28.0
6H	26.4	27.2	26.8	27.6	28.1	26.8	27.7	27.3	28.1	28.5
8H	26.6	27.3	27.0	27.8	28.3	27.1	27.8	27.5	28.3	28.7
12H	26.8	27.5	27.3	28.0	28.4	27.3	28.0	27.7	28.4	28.9
8H 4H	26.1	26.9	26.6	27.3	27.8	26.5	27.2	26.9	27.7	28.1
6H	26.7	27.4	27.3	27.9	28.4	27.2	27.8	27.7	28.3	28.8
8H	27.1	27.6	27.6	28.1	28.7	27.5	28.1	28.0	28.6	29.1
12H	27.4	27.9	27.9	28.4	29.0	27.8	28.3	28.4	28.8	29.4
12H 4H	26.1	26.8	26.6	27.3	27.8	26.5	27.2	26.9	27.6	28.1
6H	26.8	27.4	27.3	27.9	28.4	27.2	27.8	27.8	28.3	28.8
8H	27.2	27.7	27.7	28.2	28.7	27.6	28.1	28.2	28.6	29.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.3 / - 0.4					+ 0.5 / - 0.3				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.5				
2.0H	+ 0.2 / - 0.3					+ 0.5 / - 0.5				

CIE Pub.117, 4338 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 5.1$ )  
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:2\*?°, LED:HL-A-2835D3W-2-S1-08L-HR  
(0.2W高光效), PCB:LS-W-2X10S14P-V1.0,  
电源: SC42W300-1050CG-4(1050mA)

**UTILIZATION FACTORS TABLE**

Test:U:220.70V I:0.1570A P:32.400W PF:0.9340 Freq:50.00Hz Lamp Flux:4337.9x1 lm		
Name: LS-W 1200 32W CCT(3000K+5000K)	Type: 长条形	
MFR.:	DIM.: 1188*36*92mm	
	SUR.: 1176*30mm	

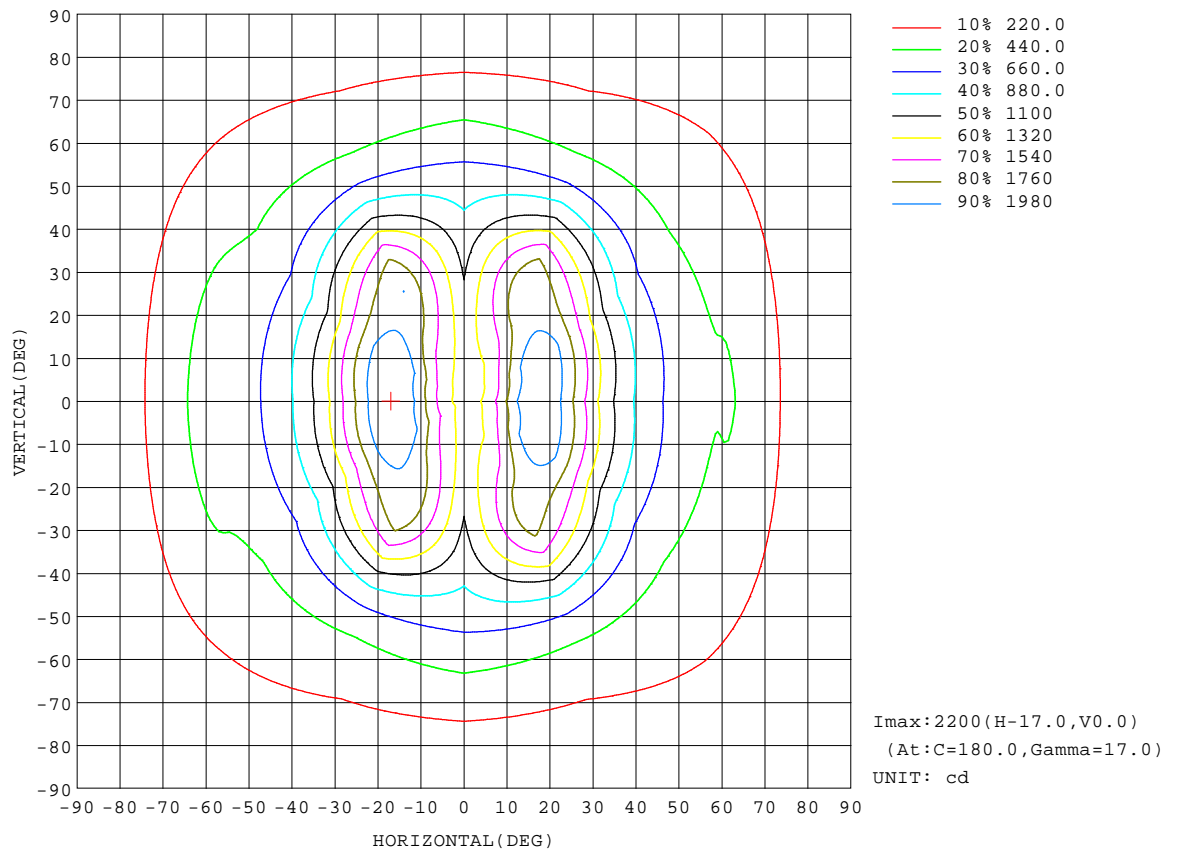
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	62	52	45	61	51	45	60	51	45	39
0.80	72	61	55	71	61	54	69	60	54	47
1.00	79	69	63	78	69	62	76	69	62	55
1.25	86	76	70	84	76	69	81	74	68	61
1.50	90	81	75	89	80	75	85	78	73	66
2.00	96	89	83	94	87	82	91	85	80	72
2.50	100	93	87	98	91	86	93	88	84	75
3.00	103	96	91	100	95	90	96	91	87	78
4.00	106	101	97	104	99	95	99	95	92	82
5.00	109	104	100	106	102	98	101	98	95	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 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:2\*?°, LED:HL-A-2835D3W-2-S1-08L-HR**  
**(0.2W高光效), PCB:LS-W-2X10S14P-V1.0,**  
**电源: SC42W300-1050CG-4(1050mA)**

## ISOCANDELA DIAGRAM

Test:U:220.70V I:0.1570A P:32.400W PF:0.9340 Freq:50.00Hz Lamp Flux:4337.9x1 lm		
Name: LS-W 1200 32W CCT(3000K+5000K)	Type: 长条形	
MFR.:	DIM.: 1188*36*92mm	
	SUR.: 1176*30mm	



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

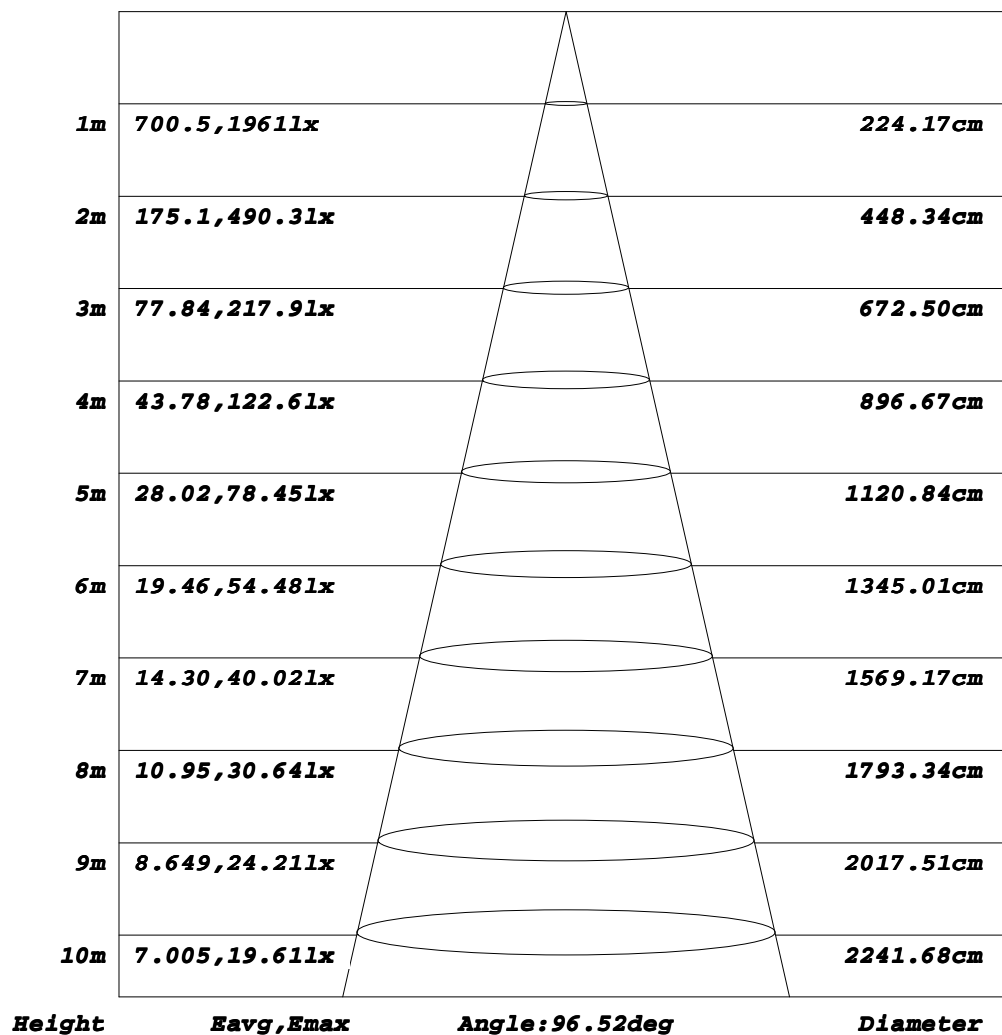
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.443  
Humidity:65.0%  
Test Distance:8.000m [K=0.7063]  
Remarks: 透镜:2\*?°, LED:HL-A-2835D3W-2-S1-08L-HR  
(0.2W高光效), PCB:LS-W-2X10S14P-V1.0,  
电源: SC42W300-1050CG-4(1050mA)



## AAI Figure

Test:U:220.70V I:0.1570A P:32.400W PF:0.9340 Freq:50.00Hz Lamp Flux:4337.9x1 lm		
Name: LS-W 1200 32W CCT(3000K+5000K)	Type: 长条形	
MFR.:	DIM.: 1188*36*92mm	
	SUR.: 1176*30mm	

Flux out:2912 lm



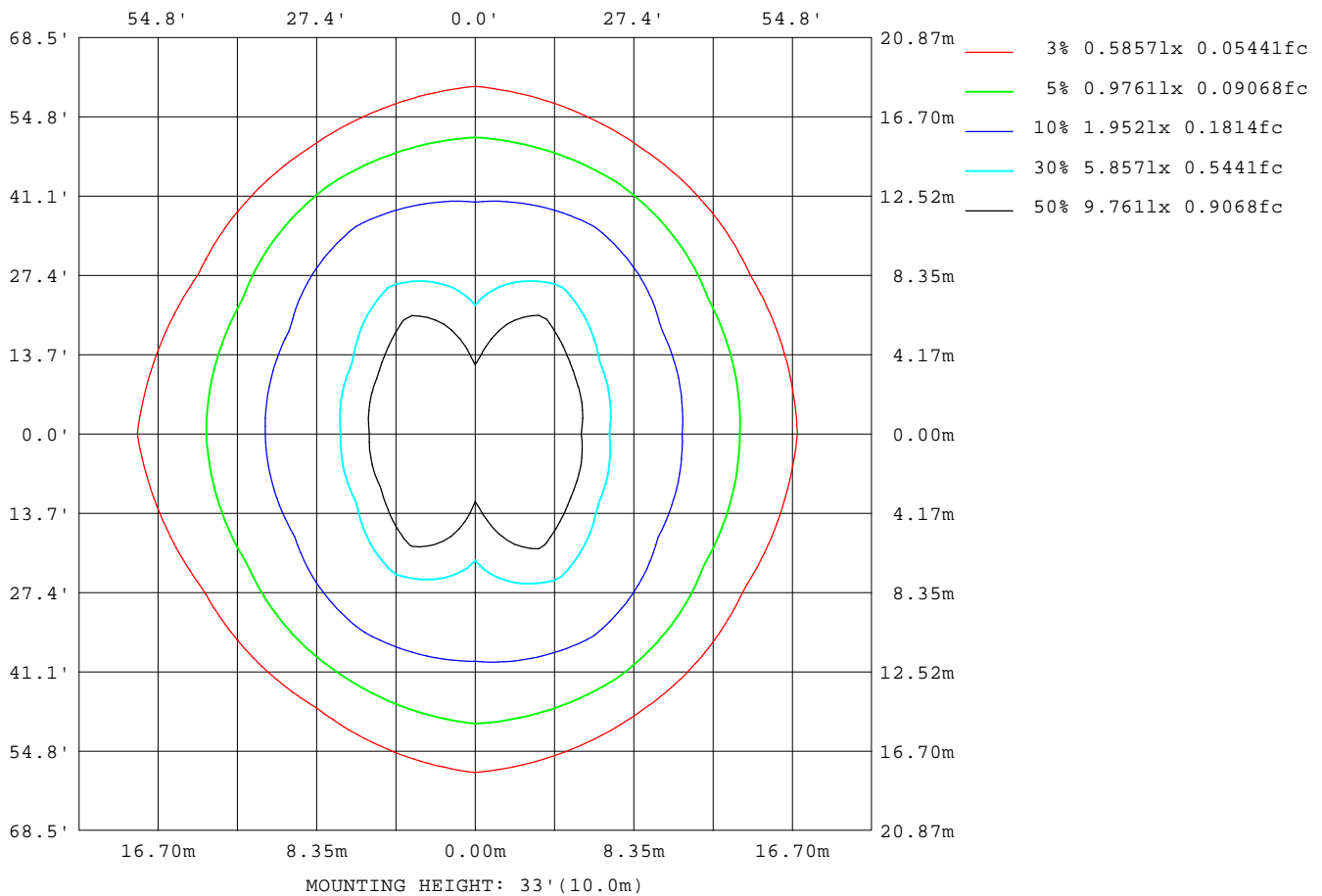
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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: 2\*?°, LED: HL-A-2835D3W-2-S1-08L-HR (0.2W高光效), PCB: LS-W-2X10S14P-V1.0, 电源: SC42W300-1050CG-4(1050mA)

## ISOLUX DIAGRAM

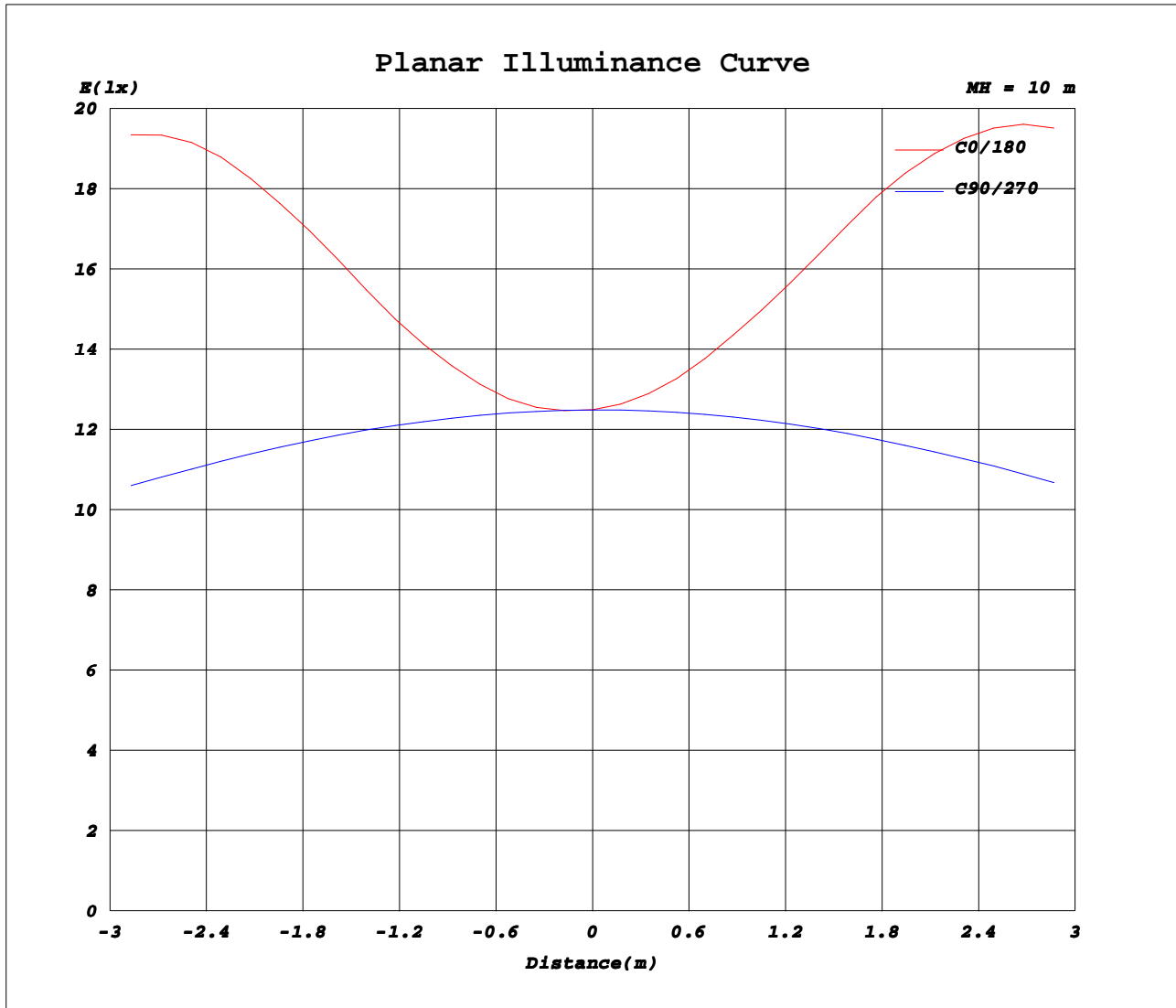
Test:U:220.70V I:0.1570A P:32.400W PF:0.9340 Freq:50.00Hz Lamp Flux:4337.9x1 lm		
Name: LS-W 1200 32W CCT(3000K+5000K)	Type: 长条形	
MFR.:	DIM.: 1188*36*92mm	
	SUR.: 1176*30mm	



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: 2\*?°, LED: HL-A-2835D3W-2-S1-08L-HR (0.2W高光效), PCB: LS-W-2X10S14P-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: 2\*?°, LED: HL-A-2835D3W-2-S1-08L-HR  
(0.2W高光效), PCB: LS-W-2X10S14P-V1.0,  
电源: SC42W300-1050CG-4(1050mA)

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.70V I:0.1570A P:32.400W PF:0.9340 Freq:50.00Hz Lamp Flux:4337.9x1 lm		
Name: LS-W 1200 32W CCT(3000K+5000K)	Type: 长条形	
MFR.:	DIM.: 1188*36*92mm	
	SUR.: 1176*30mm	

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	1250	1251	1248	1249	1256	1256	1250	1251	1248	1249	1256	1256							
5	1374	1323	1254	1243	1339	1454	1452	1418	1312	1246	1249	1300							
10	1778	1621	1331	1227	1486	1807	1864	1759	1437	1231	1328	1594							
15	2146	1991	1475	1200	1677	2105	2176	2075	1607	1208	1486	1967							
20	2127	2147	1655	1164	1858	2118	2112	2167	1793	1176	1694	2159							
25	1787	1969	1819	1118	1965	1848	1773	1950	1939	1134	1884	2006							
30	1399	1604	1882	1063	1920	1481	1400	1594	1978	1081	1964	1650							
35	1087	1244	1768	1001	1695	1149	1094	1245	1852	1020	1857	1286							
40	858	954	1488	928	1357	893	871	966	1567	949	1574	993							
45	692	741	1135	844	1011	708	714	764	1213	870	1215	776							
50	573	589	831	744	743	573	599	614	900	778	900	621							
55	482	473	601	631	546	469	505	503	651	675	649	505							
60	449	392	438	516	408	411	496	433	477	560	478	420							
65	390	359	329	401	313	381	415	408	359	450	358	389							
70	298	277	246	297	242	266	301	299	276	339	275	309							
75	185	201	185	210	181	185	203	212	214	246	214	226							
80	111	119	125	136	118	112	122	130	145	165	151	134							
85	71.7	75.5	73.8	68.0	70.9	71.4	77.9	81.9	87.5	94.2	90.8	84.9							
90	46.6	49.6	43.5	14.0	42.2	46.5	50.4	53.6	52.4	25.6	55.8	55.8							
95	33.6	33.9	23.6	19.5	24.4	32.8	36.8	37.2	27.9	28.5	30.7	38.5							
100	27.1	27.1	22.3	19.8	23.4	27.4	29.4	29.6	25.5	27.5	25.8	29.3							
105	27.1	27.1	23.0	20.5	24.0	27.6	29.4	29.6	25.8	27.1	25.4	29.0							
110	28.2	28.0	23.3	21.6	24.7	28.2	29.9	29.9	26.5	16.8	26.4	29.6							
115	30.1	29.6	21.4	20.7	23.2	29.4	30.9	31.1	25.3	18.2	25.3	30.6							
120	31.9	29.9	21.6	19.9	22.4	29.9	32.2	31.6	24.5	20.2	23.5	31.5							
125	31.6	27.5	23.5	22.2	24.4	28.5	32.1	29.9	26.1	22.2	24.6	29.8							
130	29.6	25.5	25.2	24.4	26.5	26.6	30.5	27.7	27.5	24.3	26.2	27.3							
135	27.2	25.4	26.6	26.6	28.3	26.2	28.4	26.8	28.8	26.4	27.6	26.0							
140	27.3	27.3	28.1	28.6	30.0	28.7	27.7	28.8	30.1	28.4	28.9	27.6							
145	29.6	28.9	29.5	30.7	31.4	31.0	29.6	30.8	31.2	30.3	30.1	29.4							
150	31.8	30.5	31.0	32.7	32.7	32.7	31.2	32.3	32.3	32.2	31.3	30.7							
155	33.5	32.0	33.0	34.7	34.3	34.0	32.3	33.3	33.5	34.0	32.8	31.9							
160	34.7	33.7	35.1	36.4	36.2	35.0	33.0	34.0	35.0	35.7	34.6	33.3							
165	35.8	35.8	37.2	37.9	38.0	36.2	34.2	35.0	36.6	37.3	36.6	35.2							
170	37.7	38.1	38.8	39.2	39.5	37.9	36.8	36.6	38.3	38.6	38.5	37.4							
175	40.1	39.6	39.9	40.0	40.6	39.4	39.7	38.3	39.5	39.6	39.9	38.9							
180	41.0	39.7	40.2	40.2	40.8	39.8	41.1	39.6	40.2	40.2	40.8	39.8							

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: 2\*?°, LED: HL-A-2835D3W-2-S1-08L-HR  
(0.2W高光效), PCB: LS-W-2X10S14P-V1.0,  
电源: SC42W300-1050CG-4(1050mA)