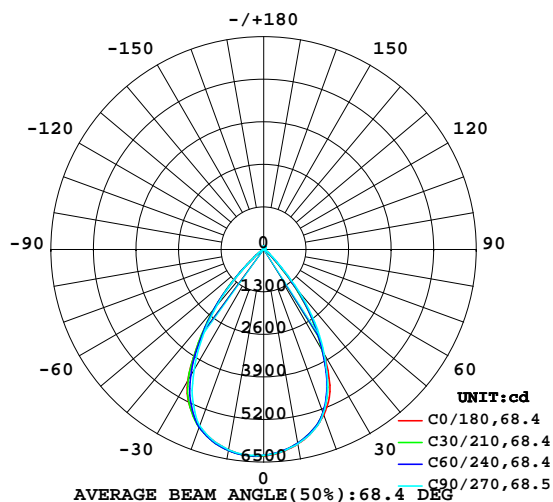


## LUMINAIRE PHOTOMETRIC TEST REPORT

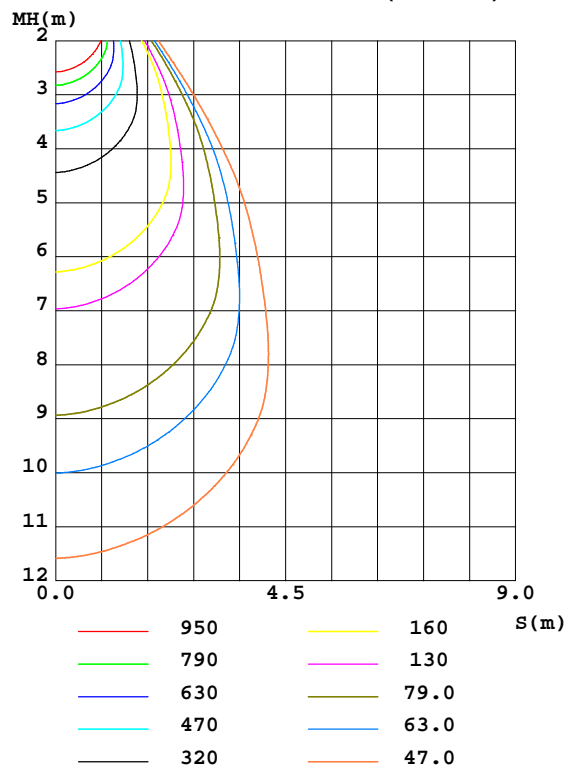
Test:U:220.70V I:0.2640A P:56.800W PF:0.9720 Freq:50.00Hz Lamp Flux:7585.38x1 lm		
Name: LSD-M 1200 60W CCT(3000K+5000K)	Type: 长条形	
MFR.:	DIM.: 1202*64*85mm	
	SUR.: 1192*60mm	

DATA OF LAMP		PHOTOMETRIC DATA Eff: 133.55 lm/W			
MODEL		Imax(cd)	6323	S/MH(C0/180)	1.05
NOMINAL POWER(W)	60	LOR(%)	100.0	S/MH(C90/270)	1.04
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	7585.4	$\eta$ UP,DN(C0-180)	1.6,45.5
NOMINAL FLUX(lm)	7585.38	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	1.6,51.2
LAMPS INSIDE	1	$\eta$ up(%)	3.3	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	220.8	$\eta$ down(%)	96.7	CIBSE SHR MAX	1.05

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: LED:HL-A-2835D68W-2-S1-08L-HR3  
(0.2W超高光效), PCB:LSD-M-2X13S7P-V1.0(A+B), 电源: SC60W1100-1400CG-4 (1400mA)

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

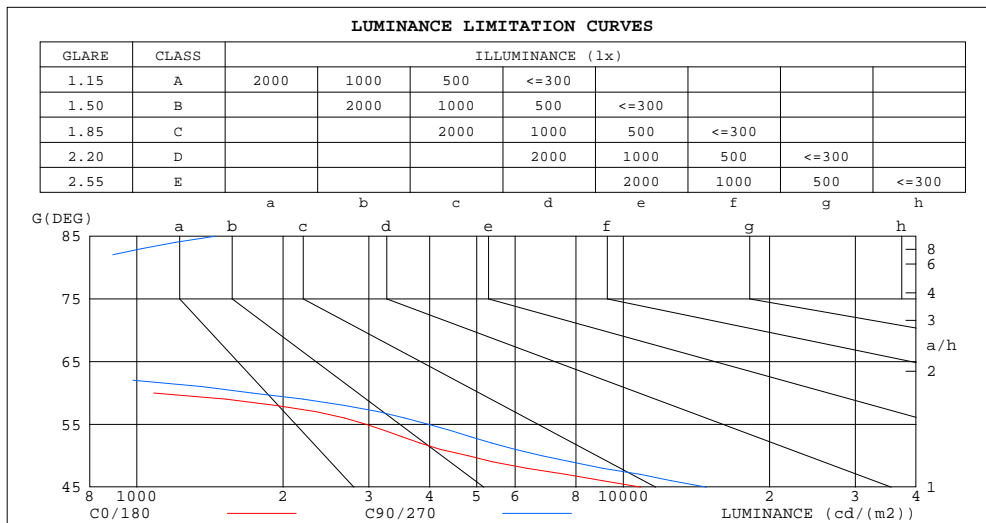
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	6033	6008	6027	6123	6218	6237	6215	6144	0- 10	593.2	593.2	7.82,7.82
20	5378	5303	5331	5538	5748	5782	5731	5592	10- 20	1659	2252	29.7,29.7
30	3694	3599	3714	4217	4671	4546	4252	3988	20- 30	2254	4505	59.4,59.4
40	1446	1503	1659	2009	2323	2348	2214	1903	30- 40	1868	6374	84,84
50	221.0	262.9	313.2	384.8	443.5	450.0	420.0	340.0	40- 50	756.2	7130	94,94
60	38.74	48.46	61.74	83.90	100.7	92.57	75.94	58.71	50- 60	158.6	7289	96.1,96.1
70	5.825	8.769	10.89	11.51	12.26	16.20	18.57	14.31	60- 70	26.05	7315	96.4,96.4
80	5.273	7.366	8.872	9.269	9.831	12.97	14.92	11.73	70- 80	11.51	7326	96.6,96.6
90	6.961	7.391	8.255	9.777	11.51	13.71	14.69	12.04	80- 90	11.35	7338	96.7,96.7
100	11.82	11.91	12.56	14.14	15.78	16.84	16.98	15.11	90-100	13.11	7351	96.9,96.9
110	20.21	19.98	20.20	21.15	22.21	22.93	23.10	22.08	100-110	18.68	7370	97.2,97.2
120	32.59	31.48	30.89	31.10	31.55	31.76	31.97	32.26	110-120	26.06	7396	97.5,97.5
130	49.54	46.50	44.51	44.14	44.26	43.61	43.65	45.87	120-130	34.14	7430	97.9,97.9
140	66.76	62.66	59.89	59.18	59.04	57.62	57.34	60.81	130-140	40.65	7470	98.5,98.5
150	79.70	77.51	75.40	73.18	71.49	71.03	71.87	74.96	140-150	42.21	7513	99,99
160	89.50	91.00	90.22	85.18	80.66	82.59	85.98	87.94	150-160	37.11	7550	99.5,99.5
170	100.4	101.5	100.9	97.26	94.02	95.39	97.81	99.25	160-170	26.07	7576	99.9,99.9
180	104.3	104.6	104.7	104.7	104.6	104.6	104.5	104.4	170-180	9.655	7585	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: LED:HL-A-2835D68W-2-S1-08L-HR3**  
**(0.2W超高光效), PCB:LSD-M-2X13S7P-**  
**V1.0(A+B), 电源: SC60W1100-1400CG-4**  
**(1400mA)**

## LUMINANCE LIMITATION CURVES

Test:U:220.70V I:0.2640A P:56.800W PF:0.9720 Freq:50.00Hz Lamp Flux:7585.38x1 lm		
Name: LSD-M 1200 60W CCT(3000K+5000K)	Type: 长条形	
MFR.:	DIM.: 1202*64*85mm	
	SUR.: 1192*60mm	



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	925	1452
80	425	715
75	277	513
70	238	445
65	263	495
60	1084	1727
55	2962	3984
50	4808	6815
45	10882	14849

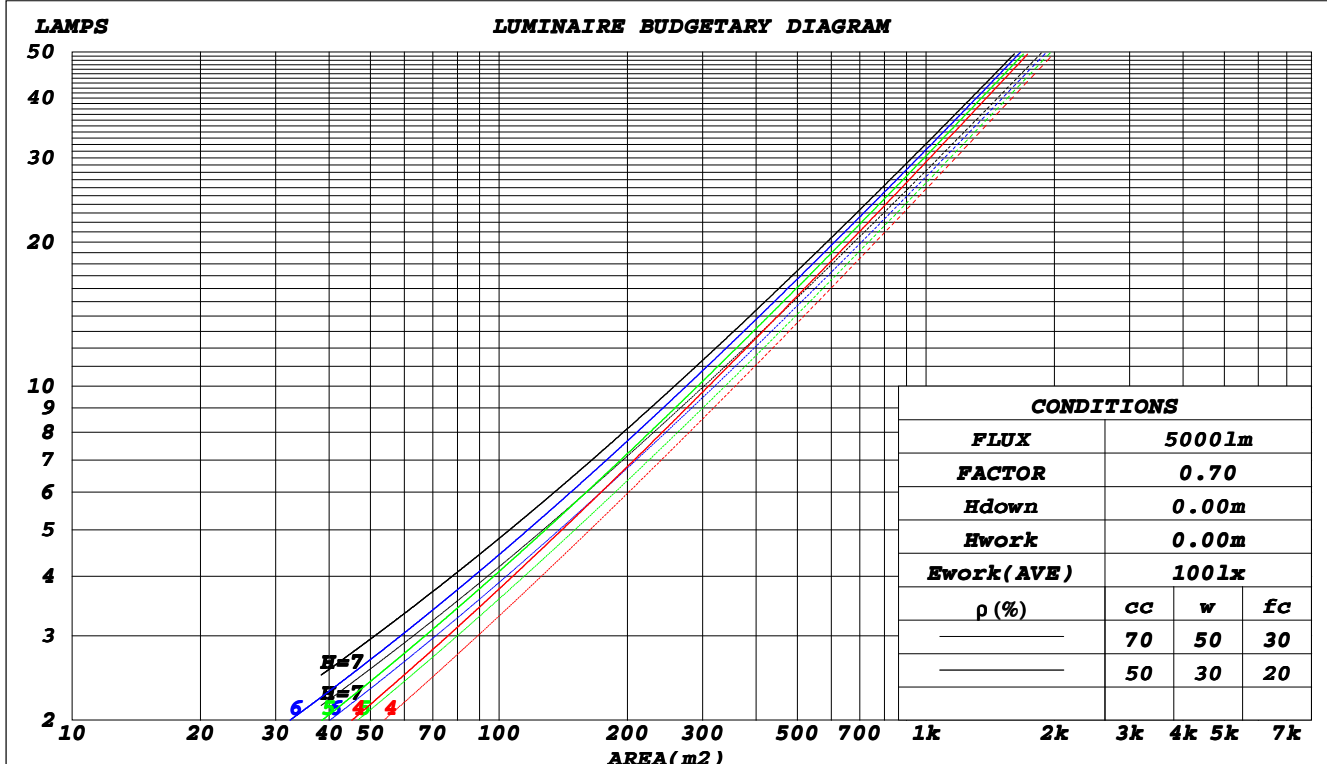
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2023-09-27

$\gamma$  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: LED: HL-A-2835D68W-2-S1-08L-HR3  
(0.2W超高光效), PCB: LSD-M-2X13S7P-V1.0(A+B), 电源: SC60W1100-1400CG-4 (1400mA)

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.70V I:0.2640A P:56.800W PF:0.9720 Freq:50.00Hz		
Lamp Flux:7585.38x1 lm		
Name: LSD-M 1200 60W CCT(3000K+5000K)	Type: 长条形	
MFR.:	DIM.: 1202*64*85mm	
	SUR.: 1192*60mm	

$\rho_{cc}$	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	1.09	1.07	1.04	1.07	1.04	1.02	1.02	1.00	.98	.98	.96	.95	.94	.93	.92	.90
2.0	1.01	.96	.93	.99	.95	.91	.95	.92	.89	.91	.89	.87	.88	.86	.84	.82
3.0	.93	.88	.83	.91	.87	.83	.88	.84	.81	.85	.82	.79	.83	.80	.78	.76
4.0	.86	.80	.76	.85	.79	.75	.82	.78	.74	.80	.76	.73	.78	.74	.71	.70
5.0	.80	.74	.69	.79	.73	.69	.77	.72	.68	.75	.70	.67	.73	.69	.66	.64
6.0	.74	.68	.63	.73	.67	.63	.72	.66	.62	.70	.65	.62	.68	.64	.61	.59
7.0	.69	.63	.58	.68	.62	.58	.67	.61	.57	.65	.61	.57	.64	.60	.56	.55
8.0	.65	.58	.54	.64	.58	.54	.63	.57	.53	.61	.56	.53	.60	.56	.52	.51
9.0	.61	.54	.50	.60	.54	.50	.59	.53	.50	.58	.53	.49	.57	.52	.49	.47
10.0	.57	.51	.47	.56	.50	.46	.55	.50	.46	.54	.49	.46	.53	.49	.46	.44



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: LED: HL-A-2835D68W-2-S1-08L-HR3  
(0.2W超高光效), PCB: LSD-M-2X13S7P-V1.0(A+B), 电源: SC60W1100-1400CG-4  
(1400mA)

## WEC AND CCEC

Test:U:220.70V I:0.2640A P:56.800W PF:0.9720 Freq:50.00Hz Lamp Flux:7585.38x1 lm		
Name: LSD-M 1200 60W CCT(3000K+5000K)	Type: 长条形	
MFR.:	DIM.: 1202*64*85mm	
	SUR.: 1192*60mm	

$\rho_{cc}$	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	.192	.109	.035	.185	.105	.033	.170	.098	.031	.157	.090	.029	.144	.084	.027		
2.0	.185	.101	.031	.178	.098	.030	.166	.092	.029	.154	.087	.027	.144	.081	.026		
3.0	.177	.094	.028	.171	.092	.028	.160	.087	.026	.150	.082	.025	.141	.078	.024		
4.0	.169	.088	.026	.163	.086	.025	.154	.082	.024	.145	.078	.024	.137	.074	.023		
5.0	.161	.082	.024	.156	.080	.023	.148	.077	.023	.140	.074	.022	.133	.071	.021		
6.0	.153	.077	.022	.149	.075	.022	.142	.073	.021	.135	.070	.021	.128	.068	.020		
7.0	.146	.072	.021	.143	.071	.020	.136	.069	.020	.130	.067	.019	.124	.064	.019		
8.0	.140	.068	.019	.137	.067	.019	.131	.065	.019	.125	.063	.018	.119	.061	.018		
9.0	.134	.065	.018	.131	.064	.018	.125	.062	.018	.120	.060	.017	.115	.059	.017		
10.0	.128	.061	.017	.125	.061	.017	.120	.059	.017	.116	.057	.016	.111	.056	.016		

$\rho_{cc}$	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	.126	.126	.126	.072	.072	.072	.023	.023	.023	
1.0	.197	.182	.169	.169	.156	.145	.115	.108	.100	.066	.062	.058	.021	.020	.019	
2.0	.183	.158	.136	.157	.136	.118	.108	.094	.082	.062	.055	.048	.020	.018	.016	
3.0	.172	.139	.113	.147	.120	.098	.101	.083	.069	.058	.049	.040	.019	.016	.013	
4.0	.162	.125	.096	.139	.108	.083	.096	.075	.059	.055	.044	.035	.018	.014	.011	
5.0	.154	.113	.083	.133	.098	.072	.091	.069	.051	.053	.040	.030	.017	.013	.010	
6.0	.147	.104	.073	.127	.090	.064	.087	.063	.045	.051	.037	.027	.016	.012	.009	
7.0	.141	.097	.066	.122	.084	.058	.084	.059	.041	.049	.035	.024	.016	.011	.008	
8.0	.136	.091	.060	.117	.079	.053	.081	.055	.037	.047	.033	.022	.015	.011	.007	
9.0	.131	.086	.056	.113	.075	.049	.078	.052	.035	.046	.031	.021	.015	.010	.007	
10.0	.126	.082	.052	.109	.071	.045	.076	.050	.032	.044	.030	.019	.014	.010	.006	

**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:** LED:HL-A-2835D68W-2-S1-08L-HR3  
 (0.2W超高光效), PCB:LSD-M-2X13S7P-  
 V1.0(A+B), 电源: SC60W1100-1400CG-4  
 (1400mA)

UGR(Unified Glare Rating) Table

Test:U:220.70V I:0.2640A P:56.800W PF:0.9720 Freq:50.00Hz Lamp Flux:7585.38x1 lm										
Name: LSD-M 1200 60W CCT(3000K+5000K)					Type: 长条形					
MFR.:					DIM.: 1202*64*85mm					
					SUR.: 1192*60mm					
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	16.9	18.0	17.2	18.2	18.4	17.4	18.4	17.7	18.6	18.9
3H	16.7	17.7	17.1	17.9	18.2	17.2	18.1	17.5	18.4	18.7
4H	16.6	17.5	17.0	17.8	18.1	17.1	18.0	17.4	18.3	18.5
6H	16.6	17.4	16.9	17.7	18.0	17.0	17.8	17.4	18.1	18.4
8H	16.5	17.3	16.9	17.6	17.9	17.0	17.8	17.3	18.1	18.4
12H	16.5	17.2	16.8	17.5	17.9	16.9	17.7	17.3	18.0	18.4
4H 2H	16.7	17.5	17.0	17.8	18.1	17.1	18.0	17.4	18.3	18.6
3H	16.5	17.2	16.8	17.5	17.9	16.9	17.7	17.3	18.0	18.3
4H	16.4	17.0	16.8	17.4	17.8	16.8	17.5	17.2	17.9	18.2
6H	16.3	16.9	16.7	17.3	17.7	16.7	17.3	17.2	17.7	18.1
8H	16.2	16.8	16.7	17.2	17.6	16.7	17.2	17.1	17.6	18.1
12H	16.2	16.7	16.6	17.1	17.6	16.7	17.2	17.1	17.6	18.0
8H 4H	16.2	16.8	16.7	17.2	17.6	16.7	17.2	17.1	17.6	18.1
6H	16.1	16.6	16.6	17.0	17.5	16.6	17.0	17.1	17.5	18.0
8H	16.1	16.5	16.6	16.9	17.5	16.5	16.9	17.0	17.4	17.9
12H	16.0	16.4	16.6	16.9	17.4	16.5	16.9	17.0	17.3	17.9
12H 4H	16.2	16.7	16.6	17.1	17.6	16.6	17.1	17.1	17.5	18.0
6H	16.1	16.5	16.6	16.9	17.4	16.5	16.9	17.0	17.4	17.9
8H	16.0	16.4	16.5	16.9	17.4	16.5	16.8	17.0	17.3	17.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.1 / -11.1					+ 3.1 / - 9.7				
1.5H	+ 5.2 / - 7.4					+ 5.1 / - 7.3				
2.0H	+ 5.9 / - 9.9					+ 6.5 / - 9.6				

CIE Pub.117, 7585 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 7.0$ )  
Area: 0.0715 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: LED:HL-A-2835D68W-2-S1-08L-HR3  
(0.2W超高光效), PCB:LSD-M-2X13S7P-V1.0(A+B), 电源: SC60W1100-1400CG-4 (1400mA)

**UTILIZATION FACTORS TABLE**

Test:U:220.70V I:0.2640A P:56.800W PF:0.9720 Freq:50.00Hz Lamp Flux:7585.38x1 lm		
Name: LSD-M 1200 60W CCT(3000K+5000K)	Type: 长条形	
MFR.:	DIM.: 1202*64*85mm	
	SUR.: 1192*60mm	

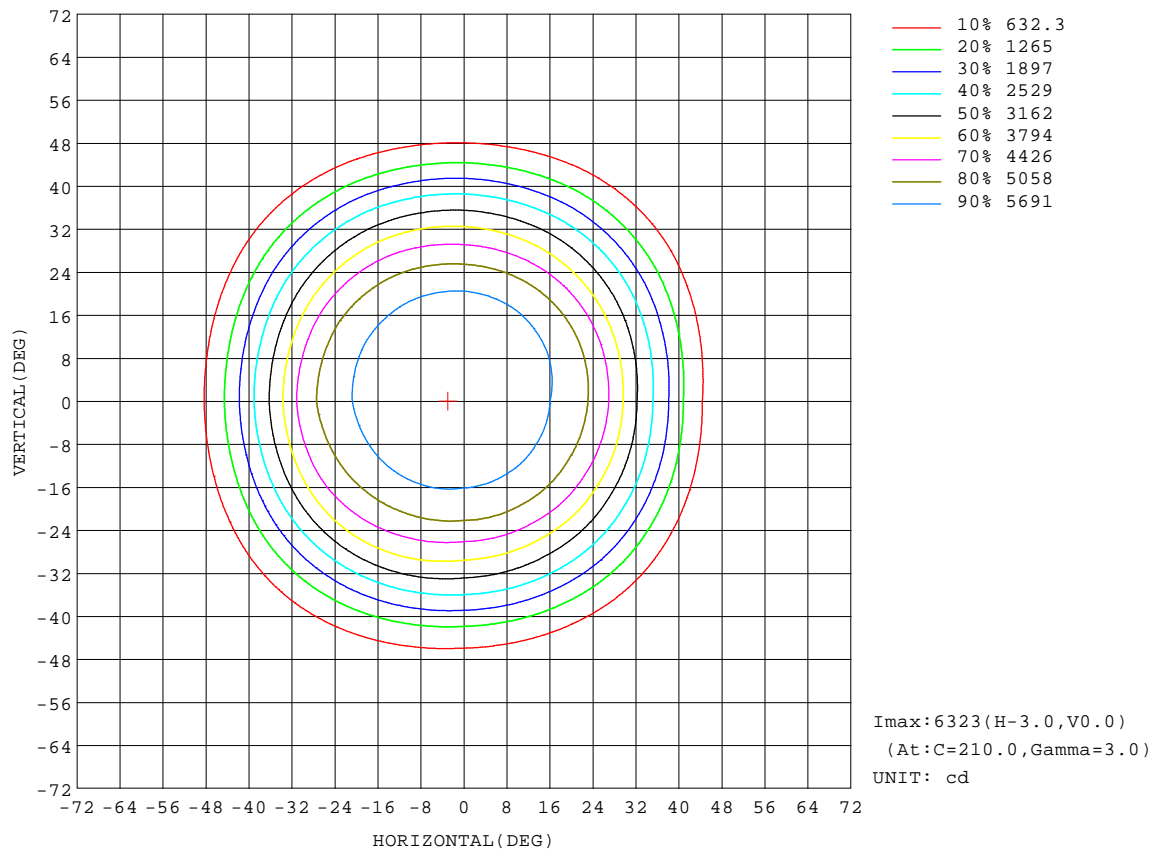
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	81	74	70	81	74	70	80	73	70	65
0.80	90	83	79	89	82	78	87	82	78	74
1.00	95	89	85	94	88	84	92	88	83	79
1.25	100	94	90	98	93	89	96	92	88	83
1.50	103	97	94	101	96	93	99	95	92	86
2.00	106	101	98	104	100	97	101	98	95	89
2.50	108	104	100	106	102	99	102	99	97	90
3.00	110	106	103	108	104	102	104	101	99	91
4.00	112	109	106	110	107	105	105	103	101	93
5.00	113	111	108	111	109	107	106	105	103	94
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: LED:HL-A-2835D68W-2-S1-08L-HR3**  
**(0.2W超高光效), PCB:LSD-M-2X13S7P-**  
**V1.0(A+B), 电源: SC60W1100-1400CG-4**  
**(1400mA)**

## ISOCANDELA DIAGRAM

Test:U:220.70V I:0.2640A P:56.800W PF:0.9720 Freq:50.00Hz Lamp Flux:7585.38x1 lm		
Name: LSD-M 1200 60W CCT(3000K+5000K)	Type: 长条形	
MFR.:	DIM.: 1202*64*85mm	
	SUR.: 1192*60mm	



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

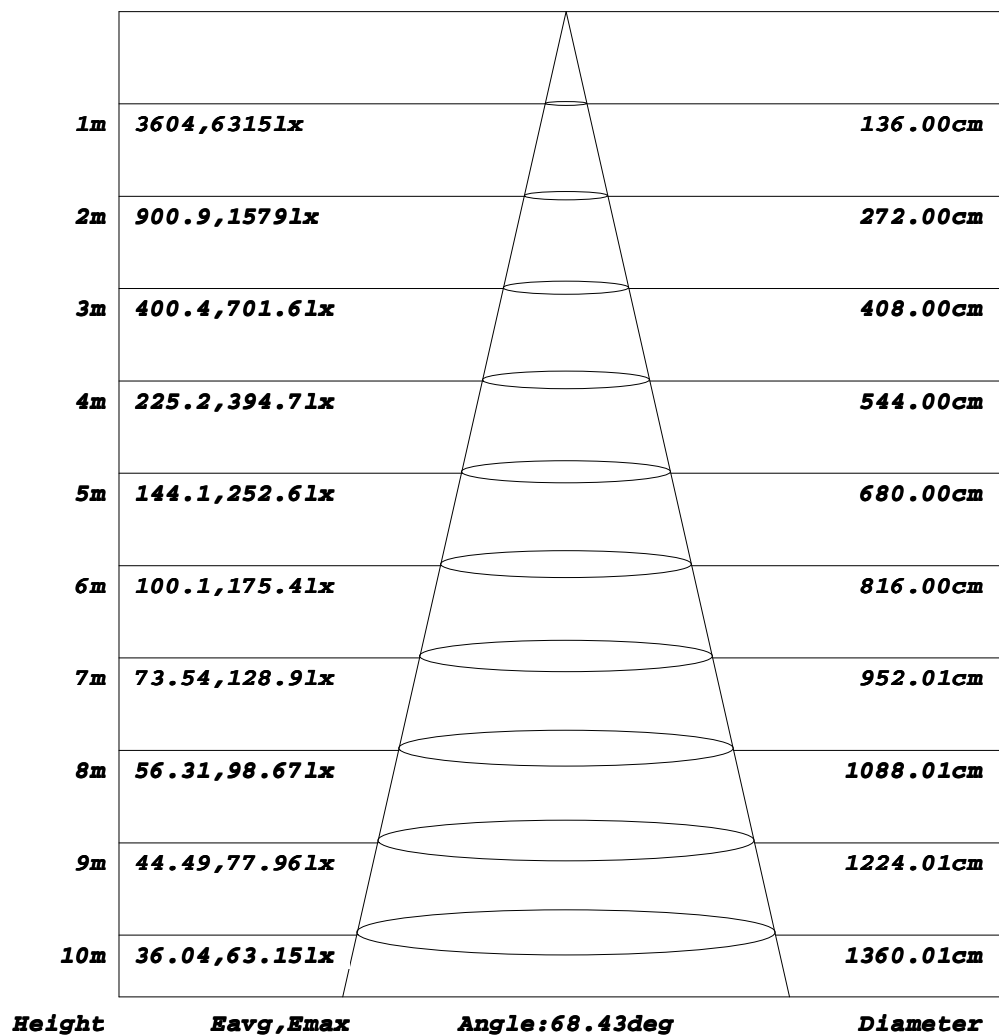
$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.443  
Humidity:65.0%  
Test Distance:8.000m [K=0.7063]  
Remarks: LED:HL-A-2835D68W-2-S1-08L-HR3  
(0.2W超高光效), PCB:LSD-M-2X13S7P-  
V1.0(A+B), 电源: SC60W1100-1400CG-4  
(1400mA)



## AAI Figure

Test:U:220.70V I:0.2640A P:56.800W PF:0.9720 Freq:50.00Hz Lamp Flux:7585.38x1 lm		
Name: LSD-M 1200 60W CCT(3000K+5000K)	Type: 长条形	
MFR.:	DIM.: 1202*64*85mm	
	SUR.: 1192*60mm	

Flux out:5551 lm



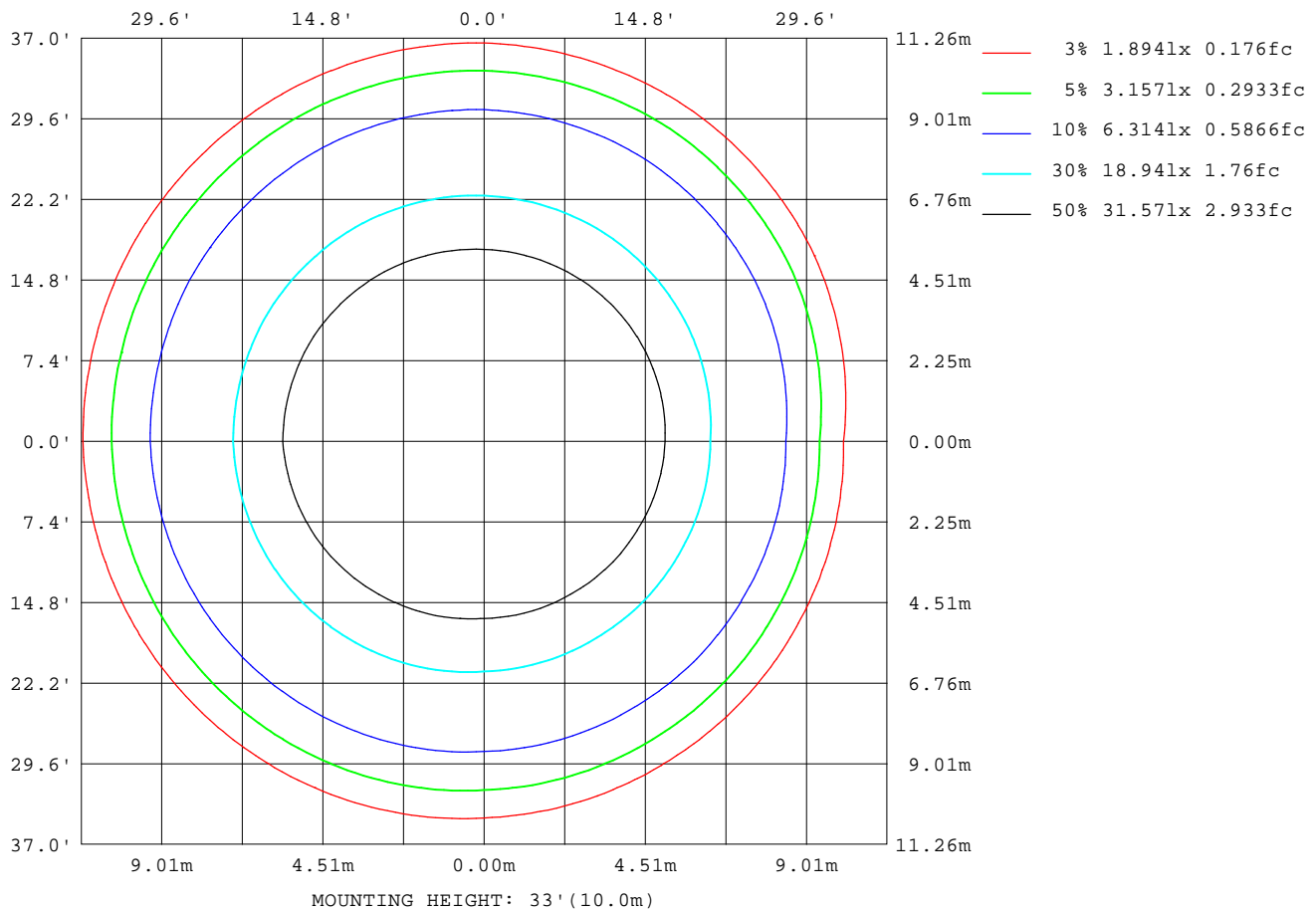
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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: LED: HL-A-2835D68W-2-S1-08L-HR3  
(0.2W超高光效), PCB: LSD-M-2X13S7P-V1.0(A+B), 电源: SC60W1100-1400CG-4 (1400mA)

## ISOLUX DIAGRAM

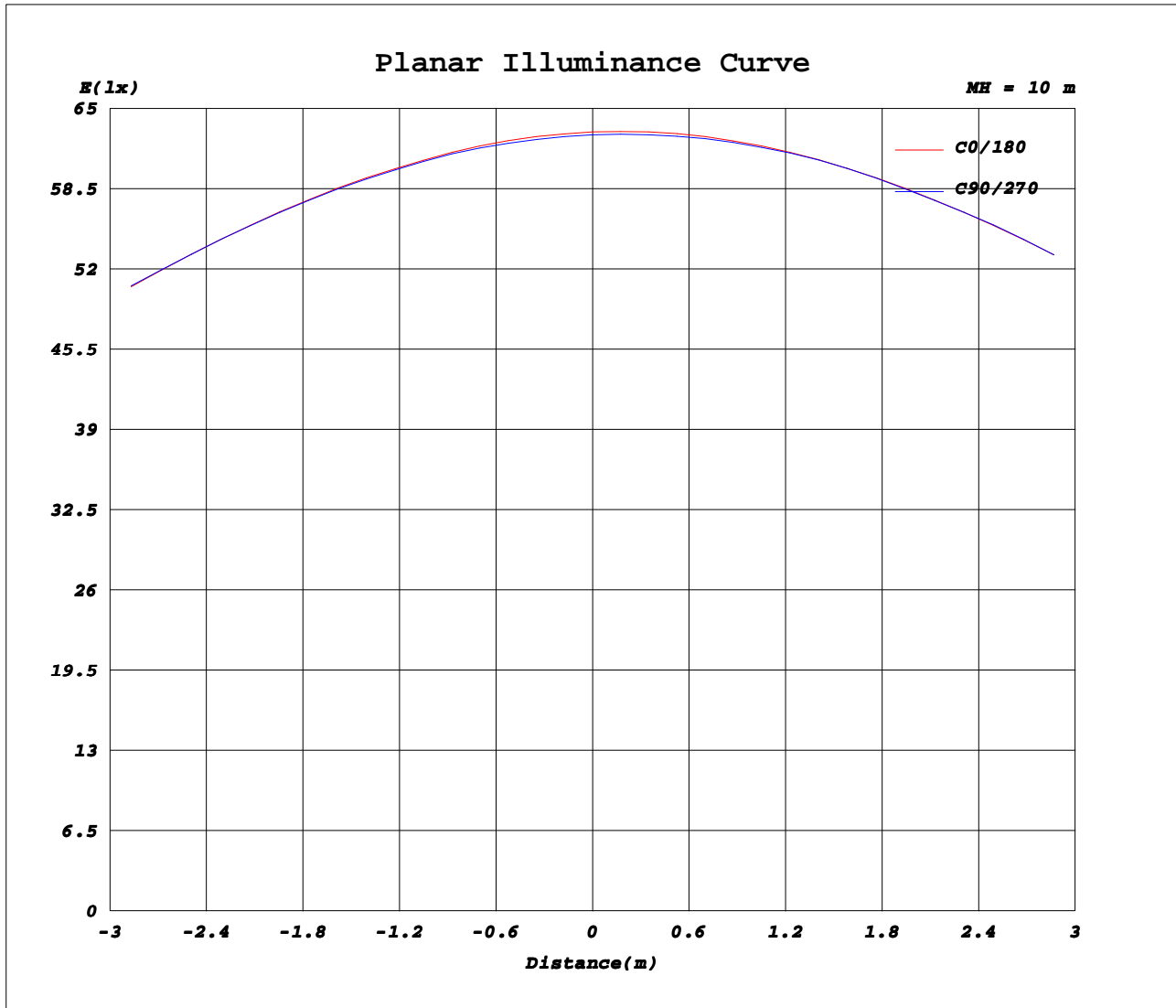
Test:U:220.70V I:0.2640A P:56.800W PF:0.9720 Freq:50.00Hz Lamp Flux:7585.38x1 lm		
Name: LSD-M 1200 60W CCT(3000K+5000K)	Type: 长条形	
MFR.:	DIM.: 1202*64*85mm	
	SUR.: 1192*60mm	



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: LED: HL-A-2835D68W-2-S1-08L-HR3  
(0.2W超高光效), PCB: LSD-M-2X13S7P-V1.0(A+B), 电源: SC60W1100-1400CG-4 (1400mA)

## 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: LED: HL-A-2835D68W-2-S1-08L-HR3  
(0.2W超高光效), PCB: LSD-M-2X13S7P-V1.0(A+B), 电源: SC60W1100-1400CG-4  
(1400mA)

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.70V I:0.2640A P:56.800W PF:0.9720 Freq:50.00Hz Lamp Flux:7585.38x1 lm		
Name: LSD-M 1200 60W CCT(3000K+5000K)	Type: 长条形	
MFR.:	DIM.: 1202*64*85mm	
	SUR.: 1192*60mm	

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	6310	6297	6289	6287	6294	6303	6310	6303	6294	6287	6289	6297							
5	6217	6199	6194	6203	6238	6276	6311	6317	6312	6297	6278	6251							
10	6033	6009	6007	6027	6089	6157	6218	6238	6237	6215	6174	6114							
15	5761	5732	5733	5764	5851	5948	6034	6066	6067	6037	5976	5884							
20	5378	5311	5295	5331	5463	5613	5748	5785	5778	5731	5650	5533							
25	4797	4639	4579	4618	4845	5104	5327	5322	5244	5123	5028	4919							
30	3694	3596	3603	3714	4043	4391	4671	4623	4469	4252	4082	3895							
35	2560	2559	2620	2740	2994	3253	3464	3478	3404	3260	3082	2848							
40	1446	1467	1538	1659	1891	2127	2323	2367	2329	2214	2031	1775							
45	550	592	659	751	901	1050	1172	1211	1196	1125	992	800							
50	221	247	278	313	362	408	444	454	446	420	373	307							
55	121	138	152	163	173	179	183	186	185	179	166	147							
60	38.7	44.6	52.3	61.7	76.9	90.9	101	97.0	88.1	75.9	64.9	52.5							
65	7.95	10.2	12.5	15.0	17.7	20.4	22.7	25.0	26.3	25.7	22.1	16.2							
70	5.83	7.92	9.61	10.9	11.3	11.7	12.3	15.0	17.4	18.6	16.4	12.2							
75	5.12	6.99	8.45	9.50	9.69	9.80	10.2	12.7	14.9	16.1	14.3	10.7							
80	5.27	6.77	7.97	8.87	9.15	9.39	9.83	12.0	13.9	14.9	13.3	10.1							
85	5.77	7.06	8.15	9.05	9.53	9.97	10.5	12.4	13.9	14.6	13.1	10.2							
90	6.96	7.17	7.61	8.26	9.22	10.3	11.5	13.1	14.3	14.7	13.3	10.8							
95	9.04	9.01	9.28	9.85	11.0	12.2	13.3	14.3	14.7	14.6	13.5	11.7							
100	11.8	11.8	12.0	12.6	13.6	14.7	15.8	16.6	17.1	17.0	16.0	14.2							
105	15.6	15.4	15.5	15.9	16.8	17.8	18.7	19.4	19.7	19.6	18.8	17.5							
110	20.2	20.0	20.0	20.2	20.8	21.5	22.2	22.8	23.1	23.1	22.6	21.6							
115	25.9	25.4	25.2	25.2	25.5	26.0	26.4	26.8	27.1	27.2	26.9	26.5							
120	32.6	31.8	31.2	30.9	31.0	31.2	31.6	31.7	31.8	32.0	32.2	32.4							
125	40.5	39.1	38.1	37.4	37.2	37.3	37.5	37.3	37.3	37.5	38.2	39.2							
130	49.5	47.3	45.7	44.5	44.2	44.1	44.3	43.8	43.5	43.6	44.9	46.8							
135	58.4	55.7	53.6	52.2	51.7	51.6	51.6	50.7	50.2	50.3	52.0	54.7							
140	66.8	63.8	61.5	59.9	59.3	59.1	59.0	58.0	57.3	57.3	59.2	62.4							
145	74.1	71.4	69.3	67.6	66.6	66.0	65.6	64.7	64.2	64.6	66.6	69.8							
150	79.7	78.2	76.8	75.4	73.9	72.5	71.5	71.0	71.1	71.9	73.7	76.3							
155	84.5	84.7	84.3	83.2	80.7	78.1	76.0	76.3	77.4	79.1	80.7	82.4							
160	89.5	90.9	91.1	90.2	86.9	83.4	80.7	81.6	83.6	86.0	87.4	88.5							
165	95.1	96.7	97.1	96.2	92.9	89.4	86.6	87.7	89.8	92.3	93.6	94.5							
170	100	101	102	101	98.5	96.0	94.0	94.7	96.1	97.8	98.8	99.7							
175	104	104	104	104	103	101	100	100	101	102	103	103							
180	104	105	105	105	105	105	105	105	105	104	104	104							

**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: LED: HL-A-2835D68W-2-S1-08L-HR3**  
**(0.2W超高光效), PCB: LSD-M-2X13S7P-**  
**V1.0(A+B), 电源: SC60W1100-1400CG-4**  
**(1400mA)**