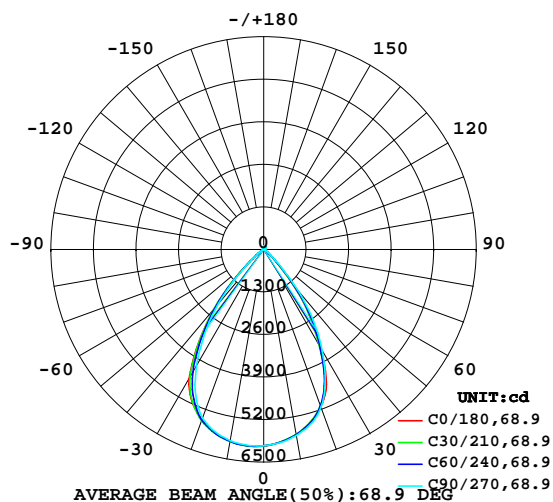


## LUMINAIRE PHOTOMETRIC TEST REPORT

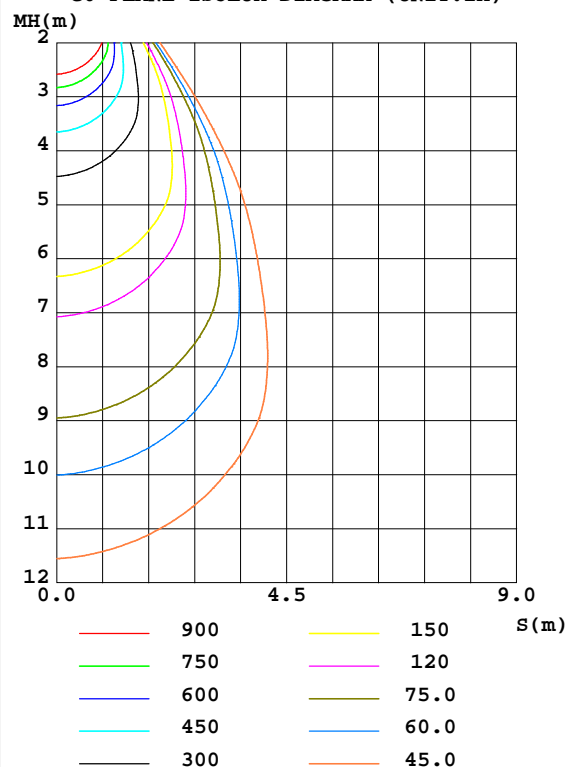
Test:U:220.70V I:0.2730A P:58.900W PF:0.9740 Freq:50.00Hz Lamp Flux:7323.39x1 lm		
Name: LSD-M 1200 60W CCT(5000K)	Type: 长条形	
MFR.:	DIM.: 1202*64*85mm	
	SUR.: 1192*60mm	

DATA OF LAMP		PHOTOMETRIC DATA Eff: 124.34 lm/W			
MODEL		Imax(cd)	6027	S/MH(C0/180)	1.07
NOMINAL POWER(W)	60	LOR(%)	100.0	S/MH(C90/270)	1.05
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	7323.4	$\eta$ UP,DN(C0-180)	1.6,45.5
NOMINAL FLUX(lm)	7323.39	CIE CLASS	DIRECT	$\eta$ UP,DN(C180-360)	1.6,51.3
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:

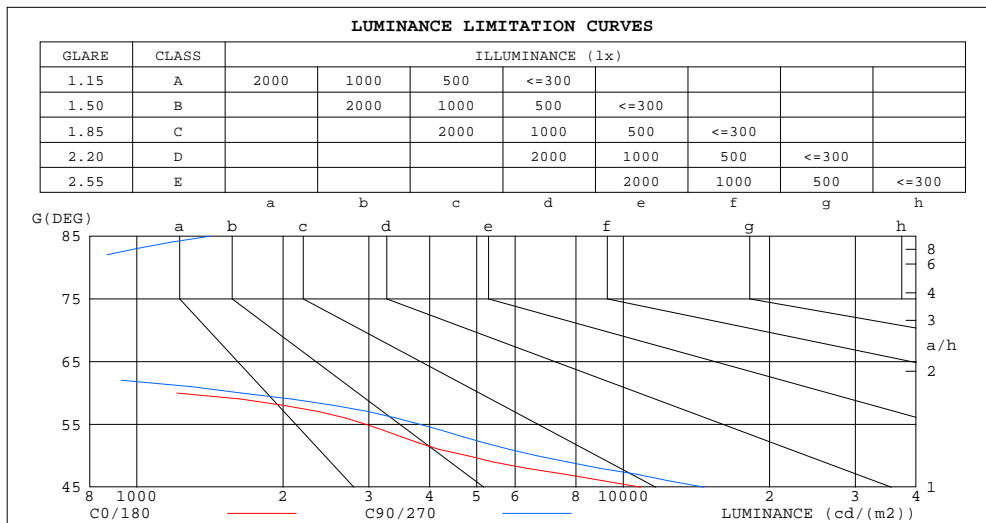
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	5740	5739	5770	5861	5946	5956	5927	5852	0- 10	565.8	565.8	7.73,7.73
20	5114	5075	5125	5337	5541	5555	5483	5333	10- 20	1587	2153	29.4,29.4
30	3467	3434	3590	4106	4559	4422	4106	3807	20- 30	2166	4319	59,59
40	1399	1452	1617	2002	2342	2327	2149	1836	30- 40	1814	6132	83.7,83.7
50	220.3	256.9	305.7	382.4	445.9	447.9	412.8	334.3	40- 50	747.2	6880	93.9,93.9
60	43.23	47.71	58.64	83.30	103.1	93.08	74.64	59.26	50- 60	156.5	7036	96.1,96.1
70	5.715	8.526	10.58	11.25	12.03	15.76	17.97	13.86	60- 70	26.08	7062	96.4,96.4
80	5.179	7.201	8.641	8.981	9.483	12.49	14.39	11.35	70- 80	11.17	7073	96.6,96.6
90	6.827	7.230	8.029	9.417	11.02	13.15	14.14	11.64	80- 90	10.97	7084	96.7,96.7
100	11.63	11.70	12.26	13.64	15.09	16.16	16.37	14.67	90-100	12.67	7097	96.9,96.9
110	19.85	19.50	19.59	20.38	21.31	22.02	22.27	21.44	100-110	18.08	7115	97.2,97.2
120	31.94	30.66	29.89	29.87	30.15	30.46	30.87	31.37	110-120	25.21	7140	97.5,97.5
130	48.41	45.19	43.02	42.37	42.31	41.86	42.18	44.59	120-130	33.00	7173	98,98
140	64.69	60.76	57.93	56.72	56.17	55.21	55.46	58.97	130-140	39.24	7213	98.5,98.5
150	76.73	74.86	72.82	70.23	68.21	68.22	69.53	72.48	140-150	40.65	7253	99,99
160	86.23	87.76	86.98	81.90	77.37	79.54	83.12	84.97	150-160	35.75	7289	99.5,99.5
170	96.87	97.86	97.22	93.49	90.20	91.80	94.45	95.87	160-170	25.12	7314	99.9,99.9
180	100.3	100.7	100.9	100.7	100.5	100.7	100.8	100.7	170-180	9.301	7323	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:0.2730A P:58.900W PF:0.9740 Freq:50.00Hz Lamp Flux:7323.39x1 lm		
Name: LSD-M 1200 60W CCT(5000K)	Type: 长条形	
MFR.:	DIM.: 1202*64*85mm	
	SUR.: 1192*60mm	



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	908	1415
80	417	696
75	272	499
70	234	433
65	256	476
60	1209	1640
55	2960	3826
50	4793	6651
45	10859	14649

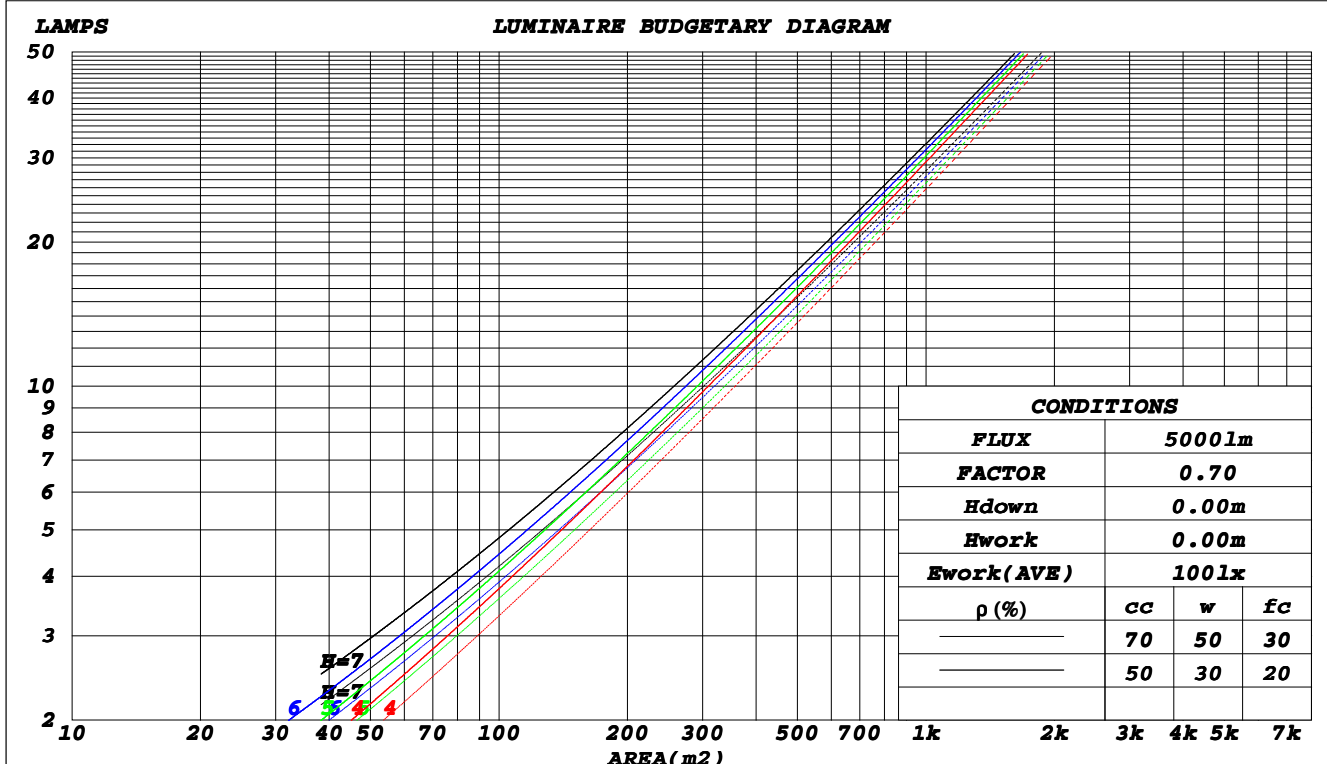
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2023-09-27

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)

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.70V I:0.2730A P:58.900W PF:0.9740 Freq:50.00Hz		
Lamp Flux:7323.39x1 lm		
Name: LSD-M 1200 60W CCT(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	.86	.88	.86	.84	.82
3.0	.93	.88	.83	.91	.86	.82	.88	.84	.81	.85	.82	.79	.83	.80	.77	.76
4.0	.86	.80	.76	.85	.79	.75	.82	.77	.74	.80	.76	.72	.77	.74	.71	.70
5.0	.80	.74	.69	.79	.73	.68	.76	.71	.67	.74	.70	.67	.73	.69	.66	.64
6.0	.74	.68	.63	.73	.67	.63	.71	.66	.62	.70	.65	.61	.68	.64	.61	.59
7.0	.69	.63	.58	.68	.62	.58	.67	.61	.57	.65	.60	.57	.64	.59	.56	.55
8.0	.65	.58	.54	.64	.58	.54	.62	.57	.53	.61	.56	.53	.60	.56	.52	.51
9.0	.61	.54	.50	.60	.54	.50	.59	.53	.49	.57	.53	.49	.56	.52	.49	.47
10.0	.57	.51	.46	.56	.50	.46	.55	.50	.46	.54	.49	.46	.53	.49	.45	.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:0.2730A P:58.900W PF:0.9740 Freq:50.00Hz Lamp Flux:7323.39x1 lm		
Name: LSD-M 1200 60W CCT(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	.193	.110	.035	.185	.106	.034	.171	.098	.031	.157	.091	.029	.145	.084	.027		
2.0	.186	.102	.031	.179	.099	.030	.166	.093	.029	.155	.087	.027	.144	.082	.026		
3.0	.177	.094	.028	.172	.092	.028	.161	.087	.026	.151	.083	.025	.141	.078	.024		
4.0	.169	.088	.026	.164	.086	.025	.155	.082	.024	.146	.078	.024	.137	.075	.023		
5.0	.161	.082	.024	.157	.080	.023	.148	.077	.023	.140	.074	.022	.133	.071	.021		
6.0	.154	.077	.022	.150	.076	.022	.142	.073	.021	.135	.070	.021	.129	.068	.020		
7.0	.147	.073	.021	.143	.071	.020	.136	.069	.020	.130	.067	.019	.124	.065	.019		
8.0	.140	.069	.019	.137	.067	.019	.131	.065	.019	.125	.063	.018	.120	.062	.018		
9.0	.134	.065	.018	.131	.064	.018	.126	.062	.018	.121	.060	.017	.116	.059	.017		
10.0	.128	.062	.017	.126	.061	.017	.121	.059	.017	.116	.058	.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	.163	.125	.096	.140	.108	.083	.096	.075	.059	.056	.044	.035	.018	.014	.011	
5.0	.155	.113	.083	.133	.098	.072	.091	.069	.051	.053	.040	.030	.017	.013	.010	
6.0	.148	.104	.073	.127	.090	.064	.088	.063	.045	.051	.037	.027	.016	.012	.009	
7.0	.142	.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	.053	.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:0.2730A P:58.900W PF:0.9740 Freq:50.00Hz Lamp Flux:7323.39x1 lm										
Name: LSD-M 1200 60W CCT(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	16.8	17.8	17.0	18.0	18.2	17.3	18.3	17.6	18.5	18.8
3H	16.6	17.5	16.9	17.8	18.0	17.1	18.0	17.4	18.3	18.6
4H	16.5	17.4	16.8	17.6	17.9	17.0	17.9	17.3	18.2	18.5
6H	16.4	17.2	16.7	17.5	17.8	16.9	17.7	17.3	18.0	18.3
8H	16.3	17.1	16.7	17.4	17.8	16.9	17.7	17.2	18.0	18.3
12H	16.3	17.0	16.7	17.4	17.7	16.8	17.6	17.2	17.9	18.3
4H 2H	16.5	17.4	16.8	17.7	17.9	17.0	17.9	17.3	18.2	18.5
3H	16.3	17.1	16.7	17.4	17.7	16.8	17.6	17.2	17.9	18.2
4H	16.2	16.9	16.6	17.2	17.6	16.7	17.4	17.1	17.8	18.1
6H	16.1	16.7	16.5	17.1	17.5	16.6	17.2	17.1	17.6	18.0
8H	16.1	16.6	16.5	17.0	17.5	16.6	17.1	17.0	17.5	18.0
12H	16.0	16.5	16.5	16.9	17.4	16.6	17.1	17.0	17.5	17.9
8H 4H	16.0	16.6	16.5	17.0	17.4	16.6	17.1	17.0	17.5	18.0
6H	16.0	16.4	16.4	16.9	17.3	16.5	16.9	17.0	17.4	17.9
8H	15.9	16.3	16.4	16.8	17.3	16.4	16.8	16.9	17.3	17.8
12H	15.9	16.2	16.4	16.7	17.2	16.4	16.8	16.9	17.3	17.8
12H 4H	16.0	16.5	16.5	16.9	17.4	16.5	17.0	17.0	17.4	17.9
6H	15.9	16.3	16.4	16.8	17.3	16.4	16.8	16.9	17.3	17.8
8H	15.9	16.2	16.4	16.7	17.2	16.4	16.7	16.9	17.2	17.8
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.0 / -10.9					+ 3.1 / - 9.7				
1.5H	+ 5.1 / - 7.3					+ 5.1 / - 7.3				
2.0H	+ 6.0 / -10.1					+ 6.6 / - 9.7				

CIE Pub.117, 7323 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 6.9$ )  
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:0.2730A P:58.900W PF:0.9740 Freq:50.00Hz Lamp Flux:7323.39x1 lm		
Name: LSD-M 1200 60W CCT(5000K)	Type: 长条形	
MFR.:	DIM.: 1202*64*85mm	
	SUR.: 1192*60mm	

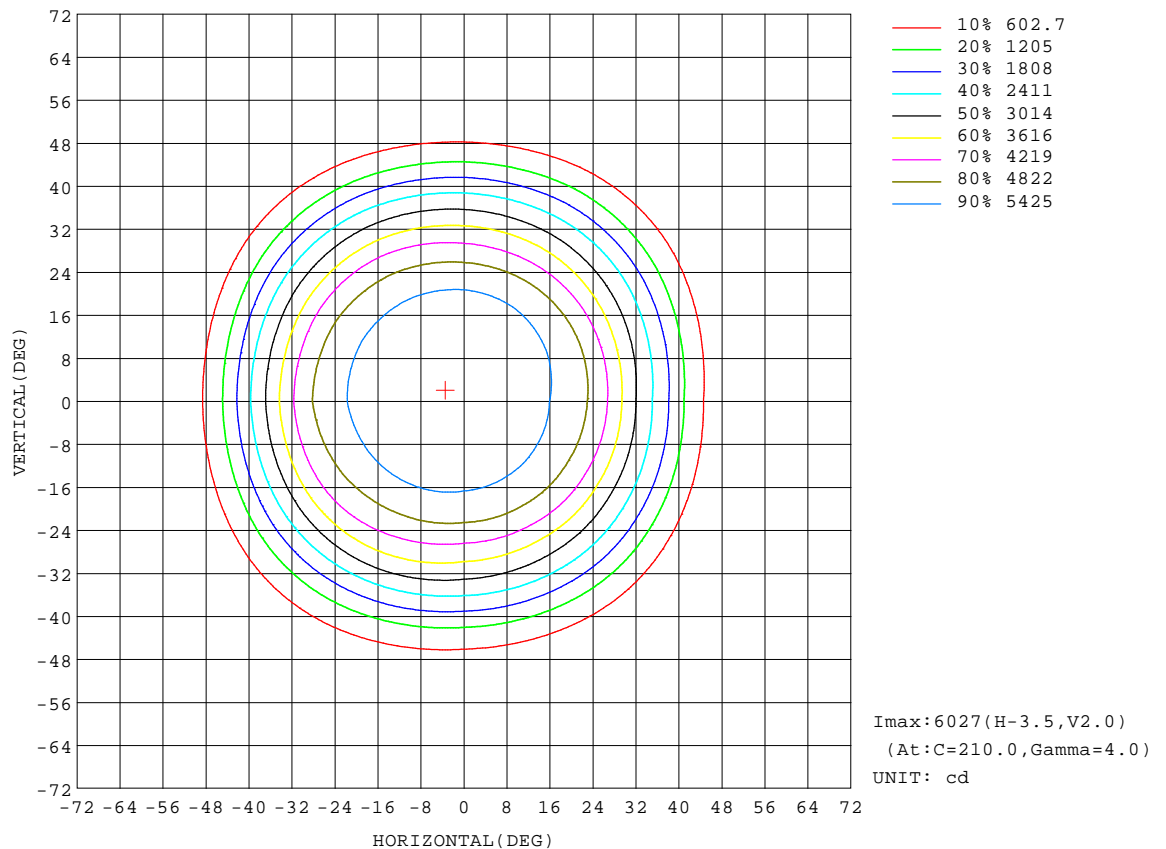
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	81	74	70	81	74	70	80	73	69	65
0.80	89	83	78	89	82	78	87	81	78	73
1.00	95	89	84	94	88	84	92	88	83	79
1.25	100	94	90	98	93	89	96	91	88	83
1.50	103	97	93	101	96	93	98	94	91	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	101	104	101	99	91
4.00	112	109	106	110	107	105	105	103	101	93
5.00	113	111	108	111	108	107	106	104	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:0.2730A P:58.900W PF:0.9740 Freq:50.00Hz Lamp Flux:7323.39x1 lm		
Name: LSD-M 1200 60W CCT(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

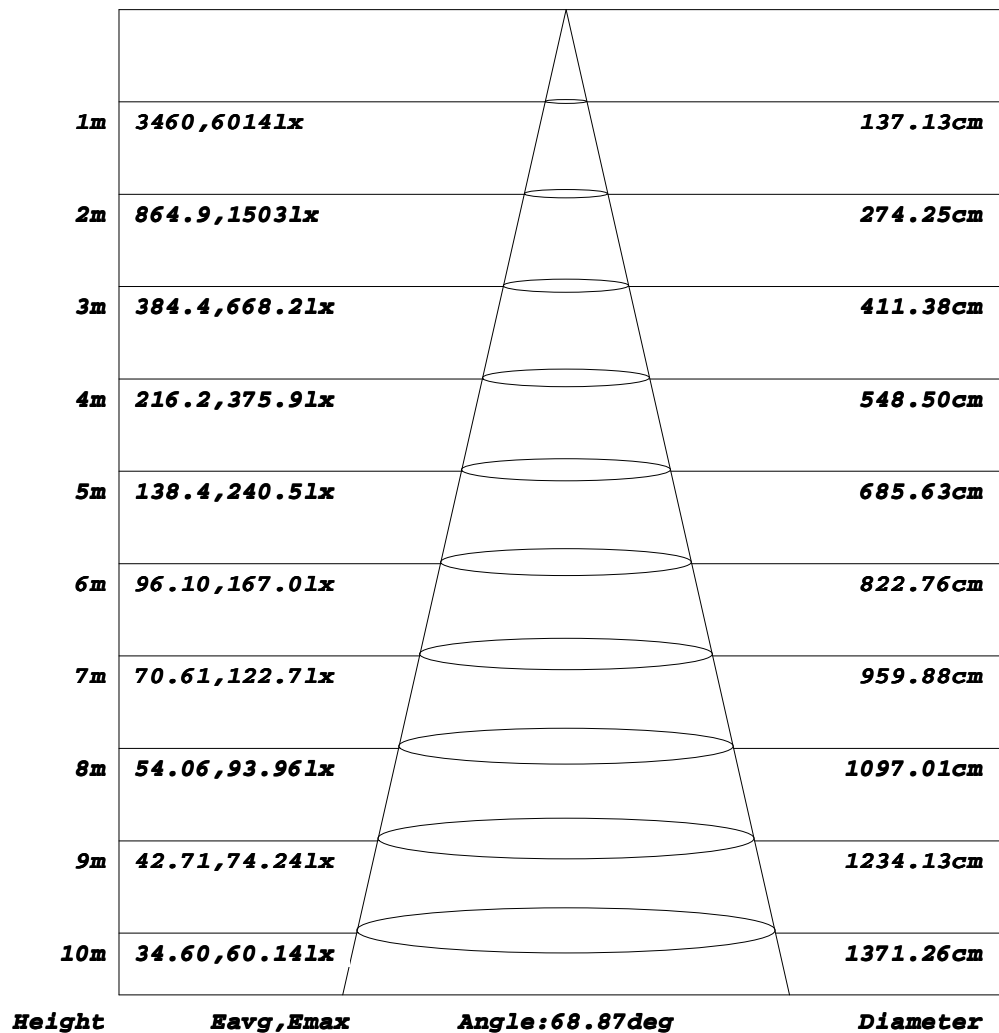
γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.443  
Humidity:65.0%  
Test Distance:8.000m [K=0.7063]  
Remarks: LED:HL-A-2835D68W-2-S1-08L-HR3  
(0.2W超高光效), PCB:LSD-M-2X13S7P-V1.0(A+B), 电源: SC60W1100-1400CG-4  
(1400mA)



## AAI Figure

Test:U:220.70V I:0.2730A P:58.900W PF:0.9740 Freq:50.00Hz Lamp Flux:7323.39x1 lm		
Name: LSD-M 1200 60W CCT(5000K)	Type: 长条形	
MFR.:	DIM.: 1202*64*85mm	
	SUR.: 1192*60mm	

Flux out:5329 lm



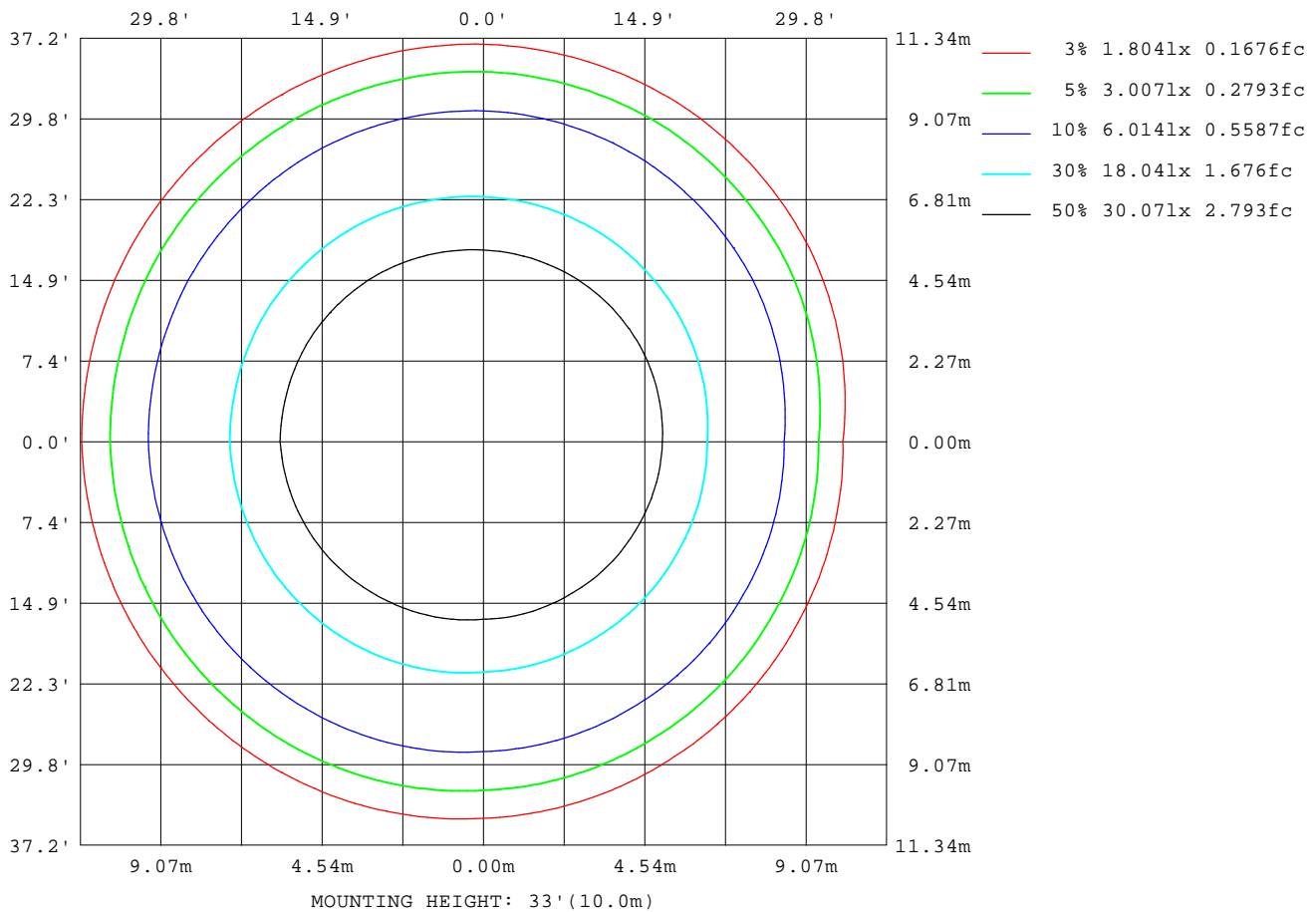
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

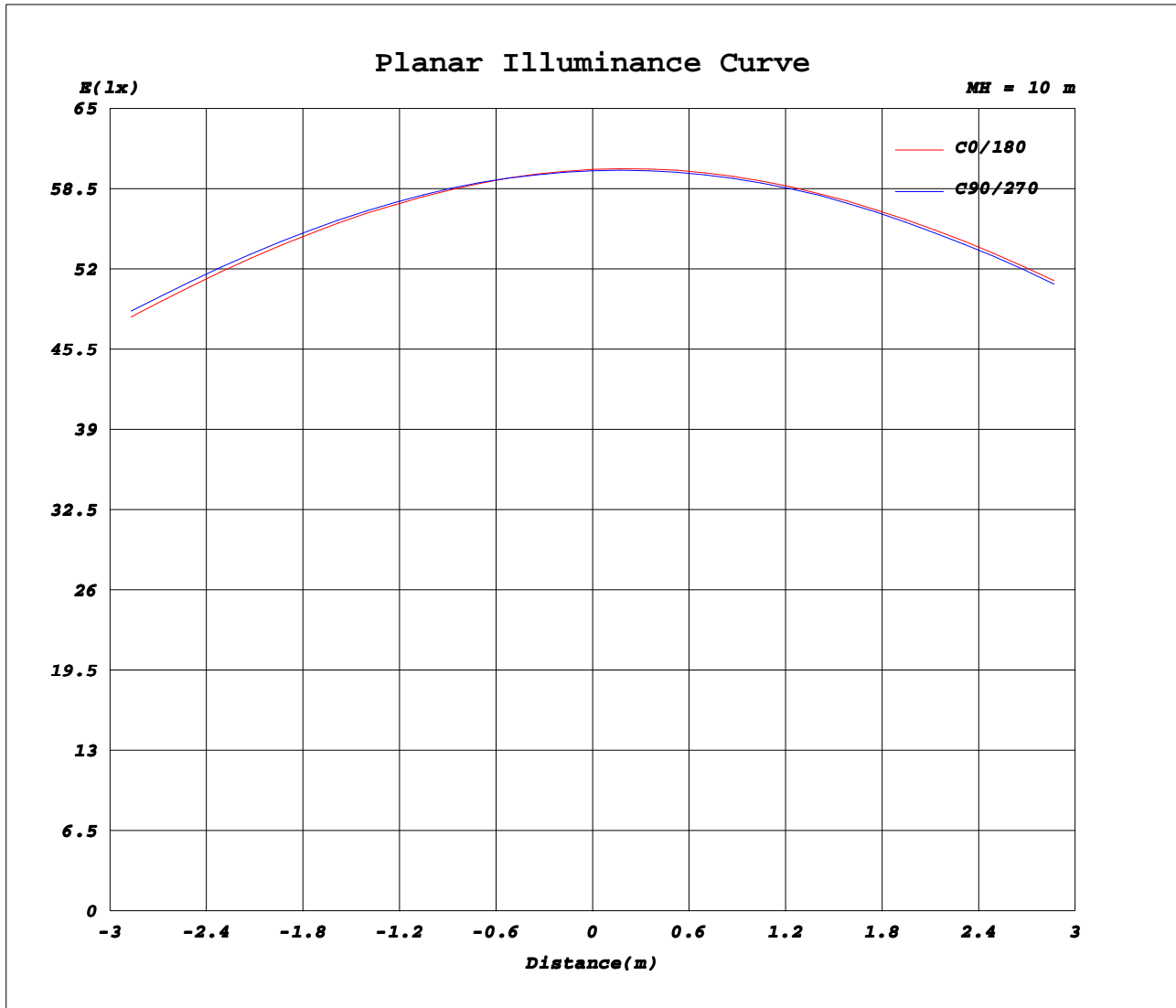
Test:U:220.70V I:0.2730A P:58.900W PF:0.9740 Freq:50.00Hz Lamp Flux:7323.39x1 lm		
Name: LSD-M 1200 60W CCT(5000K)	Type: 长条形	
MFR.:	DIM.: 1202*64*85mm	
	SUR.: 1192*60mm	



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:0.2730A P:58.900W PF:0.9740 Freq:50.00Hz Lamp Flux:7323.39x1 lm		
Name: LSD-M 1200 60W CCT(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	6007	6001	5997	5996	5999	6004	6007	6004	5999	5996	5997	6001						
5	5912	5906	5910	5923	5956	5990	6020	6024	6018	6002	5980	5950						
10	5740	5734	5744	5770	5829	5892	5946	5960	5953	5927	5883	5821						
15	5482	5474	5489	5529	5617	5711	5792	5814	5805	5767	5701	5606						
20	5114	5073	5077	5125	5262	5411	5541	5566	5545	5483	5394	5272						
25	4546	4426	4395	4453	4685	4942	5158	5146	5058	4925	4815	4688						
30	3467	3414	3455	3590	3931	4282	4559	4505	4339	4106	3914	3701						
35	2419	2433	2511	2653	2944	3234	3462	3443	3325	3136	2940	2701						
40	1399	1415	1488	1617	1873	2132	2342	2362	2293	2149	1961	1711						
45	549	585	649	741	899	1057	1185	1213	1185	1103	971	786						
50	220	243	271	306	358	407	446	453	442	413	366	302						
55	121	134	146	157	168	177	183	185	184	177	164	145						
60	43.2	45.1	50.3	58.6	75.3	91.3	103	98.2	87.9	74.6	64.5	54.0						
65	7.72	9.59	11.8	14.4	18.0	21.4	24.3	25.9	26.3	24.9	21.1	15.4						
70	5.72	7.72	9.34	10.6	11.1	11.4	12.0	14.6	16.9	18.0	15.9	11.8						
75	5.03	6.82	8.23	9.23	9.42	9.52	9.88	12.3	14.4	15.6	13.9	10.4						
80	5.18	6.62	7.78	8.64	8.88	9.08	9.48	11.6	13.4	14.4	12.9	9.82						
85	5.66	6.91	7.97	8.82	9.24	9.62	10.1	11.9	13.4	14.1	12.7	9.85						
90	6.83	7.03	7.43	8.03	8.91	9.93	11.0	12.6	13.7	14.1	12.9	10.4						
95	8.89	8.86	9.10	9.61	10.6	11.7	12.7	13.6	14.1	14.1	13.1	11.4						
100	11.6	11.6	11.8	12.3	13.1	14.1	15.1	15.9	16.4	16.4	15.5	13.9						
105	15.3	15.1	15.1	15.5	16.2	17.1	17.9	18.6	18.9	18.9	18.2	17.0						
110	19.9	19.5	19.5	19.6	20.1	20.7	21.3	21.8	22.2	22.3	21.8	21.0						
115	25.4	24.8	24.5	24.4	24.6	25.0	25.4	25.8	26.0	26.2	26.1	25.8						
120	31.9	31.0	30.3	29.9	29.8	29.9	30.1	30.3	30.6	30.9	31.2	31.5						
125	39.7	38.1	37.0	36.1	35.8	35.7	35.9	35.8	35.9	36.3	37.1	38.2						
130	48.4	46.1	44.3	43.0	42.5	42.3	42.3	41.9	41.8	42.2	43.5	45.6						
135	56.8	54.1	51.9	50.4	49.7	49.3	49.2	48.6	48.3	48.6	50.4	53.1						
140	64.7	61.9	59.6	57.9	57.0	56.4	56.2	55.4	55.0	55.5	57.4	60.5						
145	71.6	69.1	67.1	65.4	64.0	63.1	62.5	61.9	61.8	62.5	64.5	67.5						
150	76.7	75.5	74.2	72.8	71.0	69.4	68.2	68.0	68.4	69.5	71.3	73.7						
155	81.3	81.7	81.4	80.3	77.6	74.9	72.8	73.2	74.6	76.5	78.0	79.6						
160	86.2	87.6	87.9	87.0	83.7	80.1	77.4	78.5	80.6	83.1	84.5	85.5						
165	91.8	93.3	93.6	92.7	89.4	85.8	83.0	84.3	86.6	89.2	90.5	91.3						
170	96.9	97.8	97.9	97.2	94.8	92.2	90.2	91.0	92.6	94.5	95.5	96.3						
175	100	101	101	100	98.8	97.3	96.2	96.5	97.3	98.3	99.0	99.6						
180	100	101	101	101	101	101	100	101	101	101	101	101						

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

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**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)**