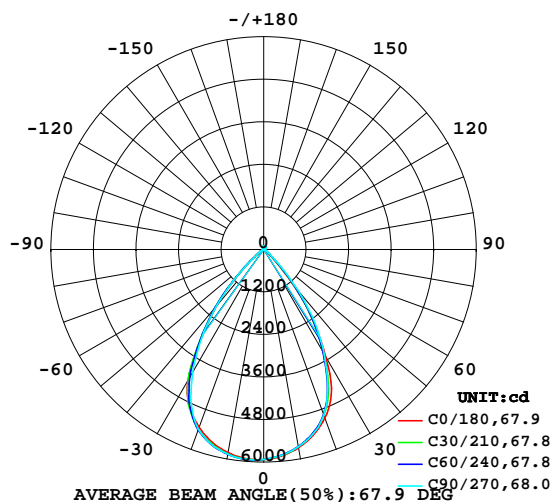


LUMINAIRE PHOTOMETRIC TEST REPORT

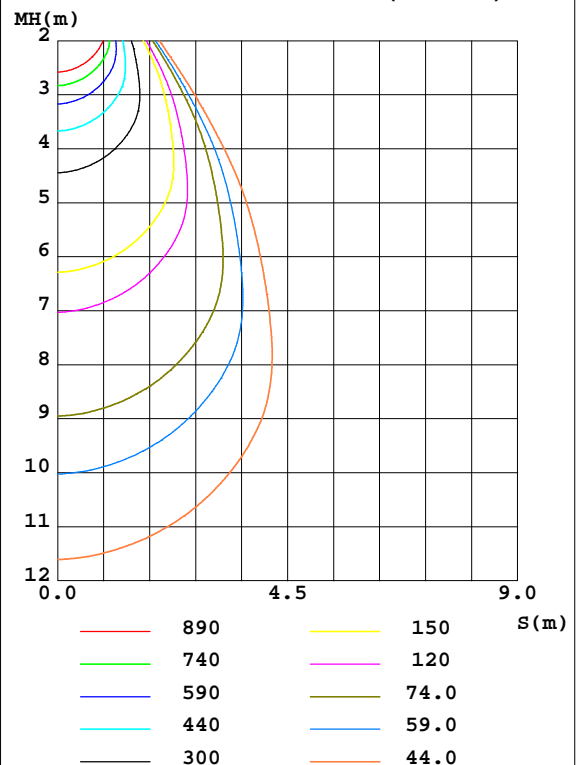
Test:U:220.70V I:0.2750A P:59.200W PF:0.9750 Freq:50.00Hz Lamp Flux:7041.2lx1 lm		
Name: LSD-M 1200 60W CCT(3000K)	Type: 长条形	
MFR.:	DIM.: 1202*64*85mm	
	SUR.: 1192*60mm	

DATA OF LAMP		PHOTOMETRIC DATA Eff: 118.94 lm/W			
MODEL		Imax(cd)	5944	S/MH(C0/180)	1.04
NOMINAL POWER(W)	60	LOR(%)	100.0	S/MH(C90/270)	1.04
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	7041.2	η UP,DN(C0-180)	1.6,45.4
NOMINAL FLUX(lm)	7041.21	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.6,51.3
LAMPS INSIDE	1	η up(%)	3.3	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	220.8	η 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

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)
PCB:LSD-M-2X13S7P-V1.0(A+B), 电源: SC60W
-1400CG-4(1400mA)

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

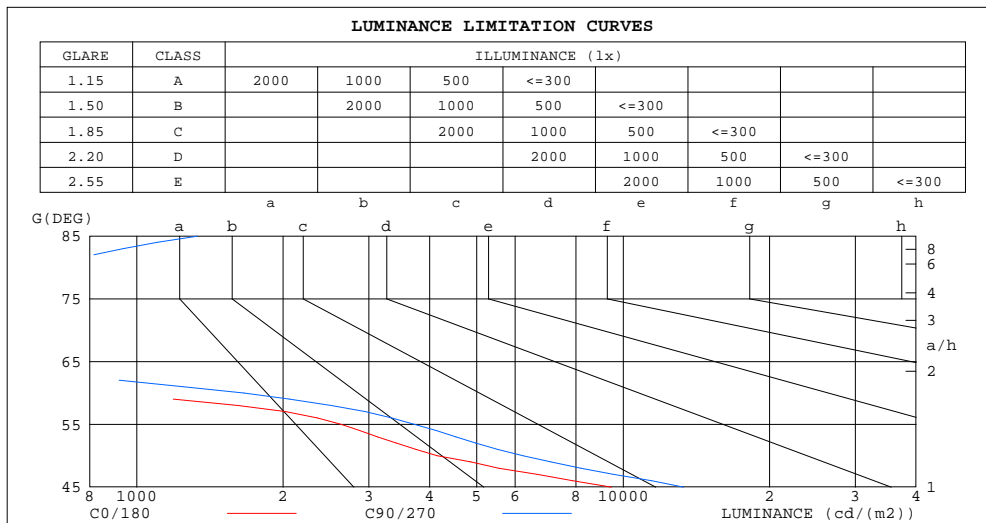
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	5678	5644	5652	5730	5815	5859	5863	5796	0- 10	557.6	557.6	7.92,7.92
20	5056	4960	4966	5140	5333	5406	5400	5274	10- 20	1555	2113	30,30
30	3515	3360	3419	3862	4285	4224	4012	3789	20- 30	2104	4217	59.9,59.9
40	1317	1370	1503	1788	2054	2132	2067	1777	30- 40	1722	5939	84.3,84.3
50	190.7	236.8	286.3	348.0	397.7	408.1	384.5	307.7	40- 50	683.8	6622	94.1,94.1
60	28.35	44.12	59.43	76.65	88.40	83.21	70.16	51.88	50- 60	144.4	6767	96.1,96.1
70	5.242	7.971	9.926	10.45	11.13	14.89	17.20	13.22	60- 70	23.25	6790	96.4,96.4
80	4.783	6.710	8.109	8.503	9.057	11.99	13.82	10.83	70- 80	10.57	6801	96.6,96.6
90	6.351	6.760	7.587	9.053	10.71	12.75	13.64	11.13	80- 90	10.47	6811	96.7,96.7
100	10.75	11.00	11.70	13.19	14.69	15.64	15.70	13.89	90-100	12.13	6823	96.9,96.9
110	18.44	18.47	18.82	19.74	20.68	21.27	21.33	20.28	100-110	17.28	6841	97.2,97.2
120	29.83	29.15	28.81	28.99	29.31	29.44	29.55	29.69	110-120	24.13	6865	97.5,97.5
130	45.56	43.13	41.53	41.21	41.25	40.53	40.41	42.32	120-130	31.64	6896	97.9,97.9
140	61.87	58.24	55.85	55.43	55.42	53.77	53.14	56.28	130-140	37.79	6934	98.5,98.5
150	73.90	72.14	70.39	68.47	66.92	66.21	66.68	69.47	140-150	39.32	6973	99,99
160	82.85	84.61	84.10	79.38	75.07	76.88	80.00	81.65	150-160	34.53	7008	99.5,99.5
170	93.39	94.52	94.06	90.63	87.54	88.85	91.13	92.41	160-170	24.27	7032	99.9,99.9
180	97.19	97.44	97.55	97.40	97.25	97.40	97.55	97.44	170-180	8.996	7041	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

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)
PCB:LSD-M-2X13S7P-V1.0(A+B), 电源: SC60W
-1400CG-4(1400mA)

LUMINANCE LIMITATION CURVES

Test:U:220.70V I:0.2750A P:59.200W PF:0.9750 Freq:50.00Hz Lamp Flux:7041.2lx1 lm		
Name: LSD-M 1200 60W CCT(3000K)	Type: 长条形	
MFR.:	DIM.: 1202*64*85mm	
	SUR.: 1192*60mm	



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	841	1331
80	385	653
75	250	468
70	214	406
65	238	457
60	793	1662
55	2633	3729
50	4150	6229
45	9459	13309

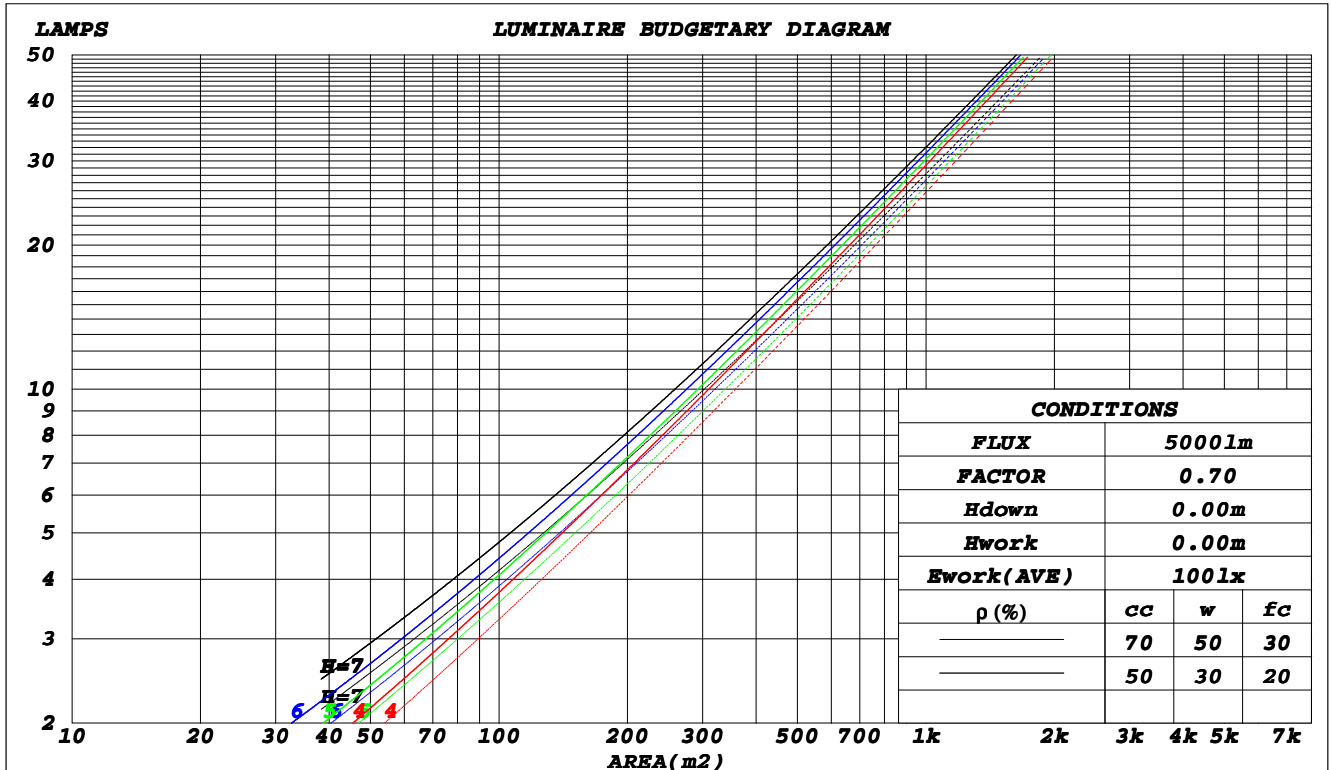
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2023-09-27

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)
PCB: LSD-M-2X13S7P-V1.0(A+B), 电源: SC60W
-1400CG-4(1400mA)

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.70V I:0.2750A P:59.200W PF:0.9750 Freq:50.00Hz		
Lamp Flux:7041.2lx1 lm		
Name: LSD-M 1200 60W CCT(3000K)	Type: 长条形	
MFR.:	DIM.: 1202*64*85mm	
	SUR.: 1192*60mm	

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	.92	.95	.92	.89	.92	.89	.87	.88	.86	.84	.82
3.0	.93	.88	.84	.92	.87	.83	.88	.84	.81	.86	.82	.79	.83	.80	.78	.76
4.0	.86	.80	.76	.85	.79	.75	.82	.78	.74	.80	.76	.73	.78	.74	.72	.70
5.0	.80	.74	.69	.79	.73	.69	.77	.72	.68	.75	.70	.67	.73	.69	.66	.64
6.0	.75	.68	.64	.74	.68	.63	.72	.66	.62	.70	.65	.62	.68	.64	.61	.59
7.0	.70	.63	.59	.69	.63	.58	.67	.62	.58	.66	.61	.57	.64	.60	.57	.55
8.0	.65	.59	.54	.64	.58	.54	.63	.57	.54	.62	.57	.53	.60	.56	.53	.51
9.0	.61	.55	.50	.60	.54	.50	.59	.54	.50	.58	.53	.49	.57	.52	.49	.48
10.0	.57	.51	.47	.57	.51	.47	.56	.50	.46	.55	.50	.46	.54	.49	.46	.44



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)
PCB:LSD-M-2X13S7P-V1.0(A+B), 电源: SC60W
-1400CG-4(1400mA)

WEC AND CCEC

Test:U:220.70V I:0.2750A P:59.200W PF:0.9750 Freq:50.00Hz		
Lamp Flux:7041.2lx1 lm		
Name: LSD-M 1200 60W CCT(3000K)	Type: 长条形	
MFR.:	DIM.: 1202*64*85mm	
	SUR.: 1192*60mm	

ρ_{cc}	80%			70%			50%			30%			10%			0	
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρ_{fc}	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.192	.109	.035	.184	.105	.033	.170	.097	.031	.156	.090	.029	.144	.083	.027		
2.0	.184	.101	.031	.178	.098	.030	.165	.092	.029	.154	.086	.027	.143	.081	.026		
3.0	.176	.094	.028	.170	.091	.027	.160	.086	.026	.150	.082	.025	.140	.078	.024		
4.0	.168	.087	.026	.163	.085	.025	.153	.081	.024	.145	.078	.023	.136	.074	.023		
5.0	.160	.082	.024	.156	.080	.023	.147	.077	.023	.139	.074	.022	.132	.071	.021		
6.0	.153	.077	.022	.149	.075	.022	.141	.072	.021	.134	.070	.021	.128	.067	.020		
7.0	.146	.072	.020	.142	.071	.020	.136	.069	.020	.129	.066	.019	.123	.064	.019		
8.0	.139	.068	.019	.136	.067	.019	.130	.065	.019	.124	.063	.018	.119	.061	.018		
9.0	.133	.065	.018	.130	.064	.018	.125	.062	.018	.120	.060	.017	.115	.058	.017		
10.0	.128	.061	.017	.125	.060	.017	.120	.059	.017	.115	.057	.016	.111	.056	.016		

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	.074	.127	.090	.064	.087	.063	.045	.051	.037	.027	.016	.012	.009	
7.0	.141	.097	.066	.121	.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	.045	.031	.021	.015	.010	.007	
10.0	.126	.082	.052	.109	.071	.046	.075	.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

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)
 PCB:LSD-M-2X13S7P-V1.0(A+B), 电源: SC60W
 -1400CG-4(1400mA)

UGR(Unified Glare Rating) Table

Test:U:220.70V I:0.2750A P:59.200W PF:0.9750 Freq:50.00Hz Lamp Flux:7041.2lx1 lm										
Name: LSD-M 1200 60W CCT(3000K)					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	16.6	17.7	16.9	17.9	18.1	17.0	18.0	17.3	18.3	18.5
3H	16.5	17.4	16.8	17.6	17.9	16.8	17.8	17.2	18.0	18.3
4H	16.4	17.2	16.7	17.5	17.8	16.7	17.6	17.1	17.9	18.2
6H	16.3	17.1	16.6	17.4	17.7	16.7	17.5	17.0	17.8	18.1
8H	16.2	17.0	16.6	17.3	17.6	16.6	17.4	17.0	17.7	18.0
12H	16.2	16.9	16.5	17.2	17.6	16.6	17.3	16.9	17.6	18.0
4H 2H	16.4	17.2	16.7	17.5	17.8	16.8	17.6	17.1	17.9	18.2
3H	16.2	16.9	16.6	17.3	17.6	16.6	17.3	16.9	17.6	18.0
4H	16.1	16.8	16.5	17.1	17.5	16.5	17.1	16.9	17.5	17.9
6H	16.0	16.6	16.4	17.0	17.4	16.4	17.0	16.8	17.4	17.8
8H	15.9	16.5	16.4	16.9	17.3	16.3	16.9	16.8	17.3	17.7
12H	15.9	16.4	16.4	16.8	17.3	16.3	16.8	16.8	17.2	17.7
8H 4H	15.9	16.5	16.4	16.9	17.3	16.3	16.9	16.8	17.3	17.7
6H	15.8	16.3	16.3	16.7	17.2	16.2	16.7	16.7	17.1	17.6
8H	15.8	16.2	16.3	16.6	17.2	16.2	16.6	16.7	17.0	17.6
12H	15.7	16.1	16.3	16.6	17.1	16.2	16.5	16.7	17.0	17.5
12H 4H	15.9	16.4	16.3	16.8	17.3	16.3	16.8	16.7	17.2	17.6
6H	15.8	16.2	16.3	16.6	17.2	16.2	16.6	16.7	17.0	17.5
8H	15.7	16.1	16.3	16.6	17.1	16.1	16.5	16.7	17.0	17.5
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 3.2 / -11.3					+ 3.1 / - 9.5				
1.5H	+ 5.4 / - 7.5					+ 5.1 / - 7.1				
2.0H	+ 5.7 / - 9.6					+ 6.4 / - 9.5				

CIE Pub.117, 7041 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 6.8$)
Area: 0.0715 m²

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
PCB:LSD-M-2X13S7P-V1.0(A+B), 电源: SC60W
-1400CG-4(1400mA)

UTILIZATION FACTORS TABLE

Test:U:220.70V I:0.2750A P:59.200W PF:0.9750 Freq:50.00Hz Lamp Flux:7041.2lx1 lm		
Name: LSD-M 1200 60W CCT(3000K)	Type: 长条形	
MFR.:	DIM.: 1202*64*85mm	
	SUR.: 1192*60mm	

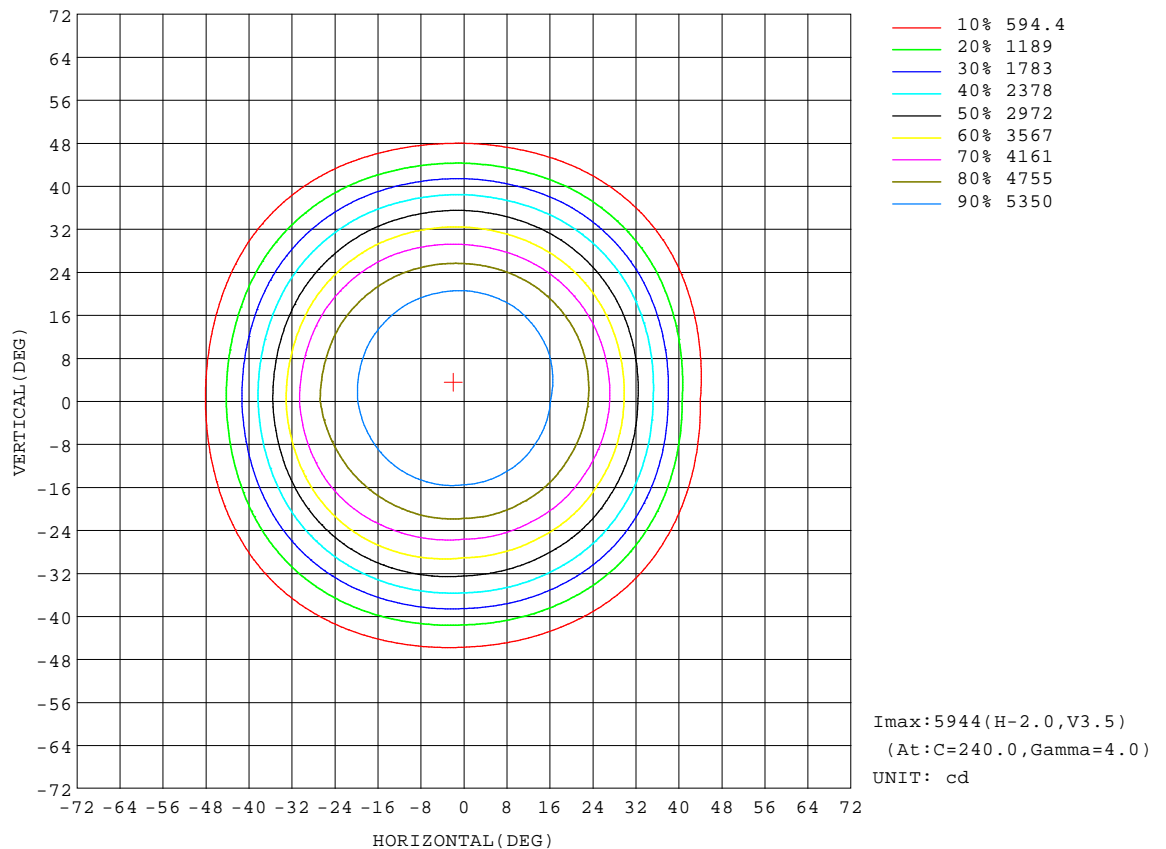
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	82	74	70	81	74	70	80	74	70	66
0.80	90	83	79	89	83	79	87	82	78	74
1.00	95	89	85	94	88	84	92	88	84	79
1.25	100	94	90	99	93	90	96	92	88	83
1.50	103	98	94	101	97	93	99	95	92	86
2.00	106	102	98	104	100	97	101	98	95	89
2.50	108	104	100	106	102	99	103	99	97	90
3.00	110	106	103	108	104	102	104	101	99	92
4.00	112	109	106	110	107	105	105	103	102	93
5.00	113	111	109	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

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
PCB:LSD-M-2X13S7P-V1.0(A+B), 电源: SC60W
-1400CG-4(1400mA)

ISOCANDELA DIAGRAM

Test:U:220.70V I:0.2750A P:59.200W PF:0.9750 Freq:50.00Hz Lamp Flux:7041.2lx1 lm		
Name: LSD-M 1200 60W CCT(3000K)	Type: 长条形	
MFR.:	DIM.: 1202*64*85mm	
	SUR.: 1192*60mm	



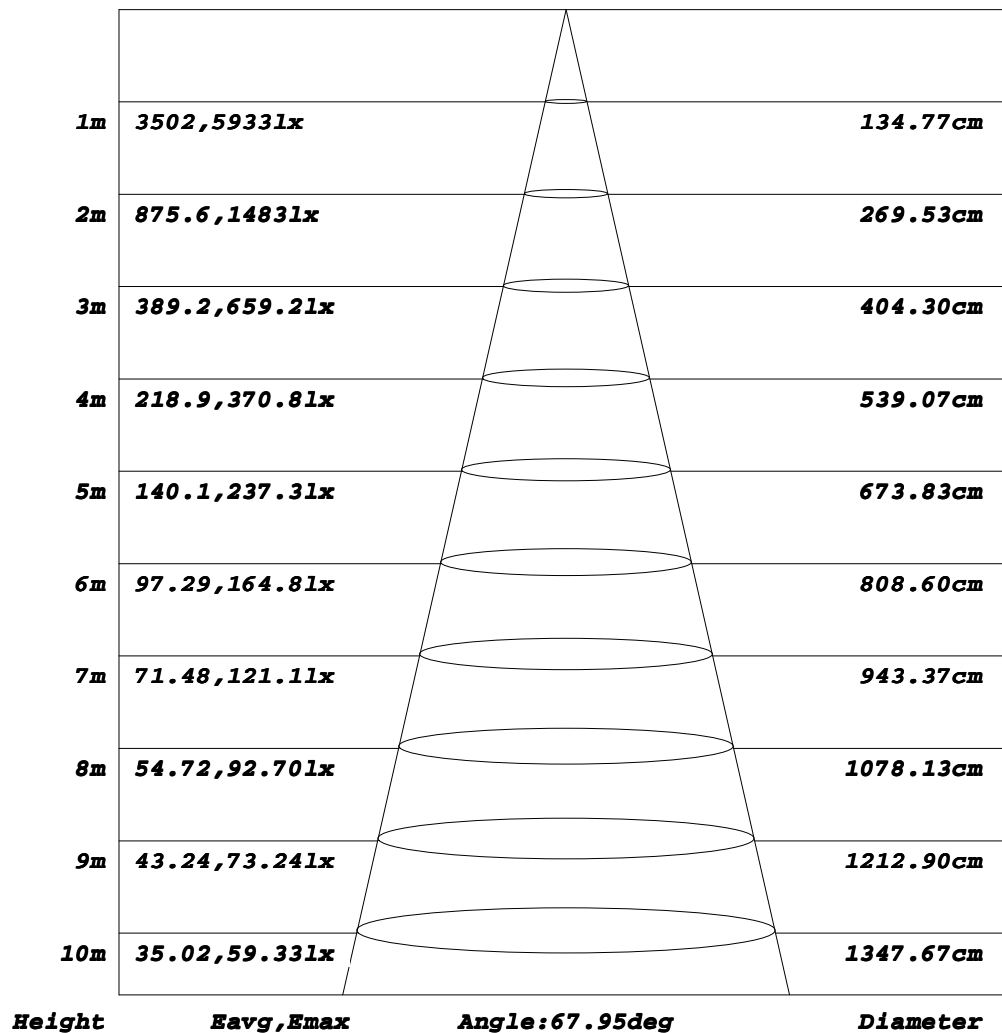
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-09-27

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)
PCB:LSD-M-2X13S7P-V1.0(A+B), 电源: SC60W
-1400CG-4(1400mA)

AAI Figure

Test:U:220.70V I:0.2750A P:59.200W PF:0.9750 Freq:50.00Hz Lamp Flux:7041.2lx1 lm		
Name: LSD-M 1200 60W CCT(3000K)	Type: 长条形	
MFR.:	DIM.: 1202*64*85mm	
	SUR.: 1192*60mm	

Flux out:5006 lm



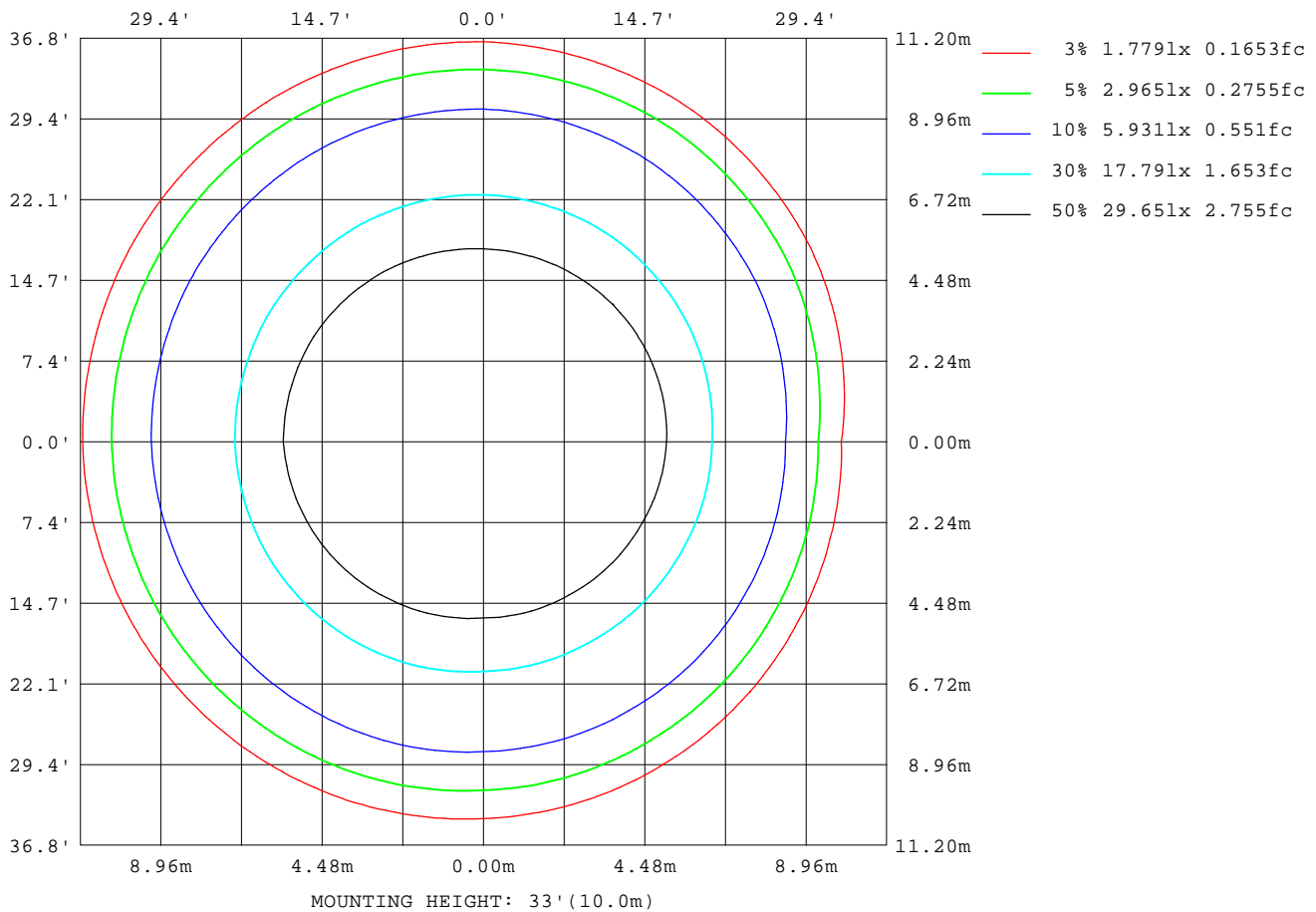
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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)
PCB: LSD-M-2X13S7P-V1.0(A+B), 电源: SC60W
-1400CG-4(1400mA)

ISOLUX DIAGRAM

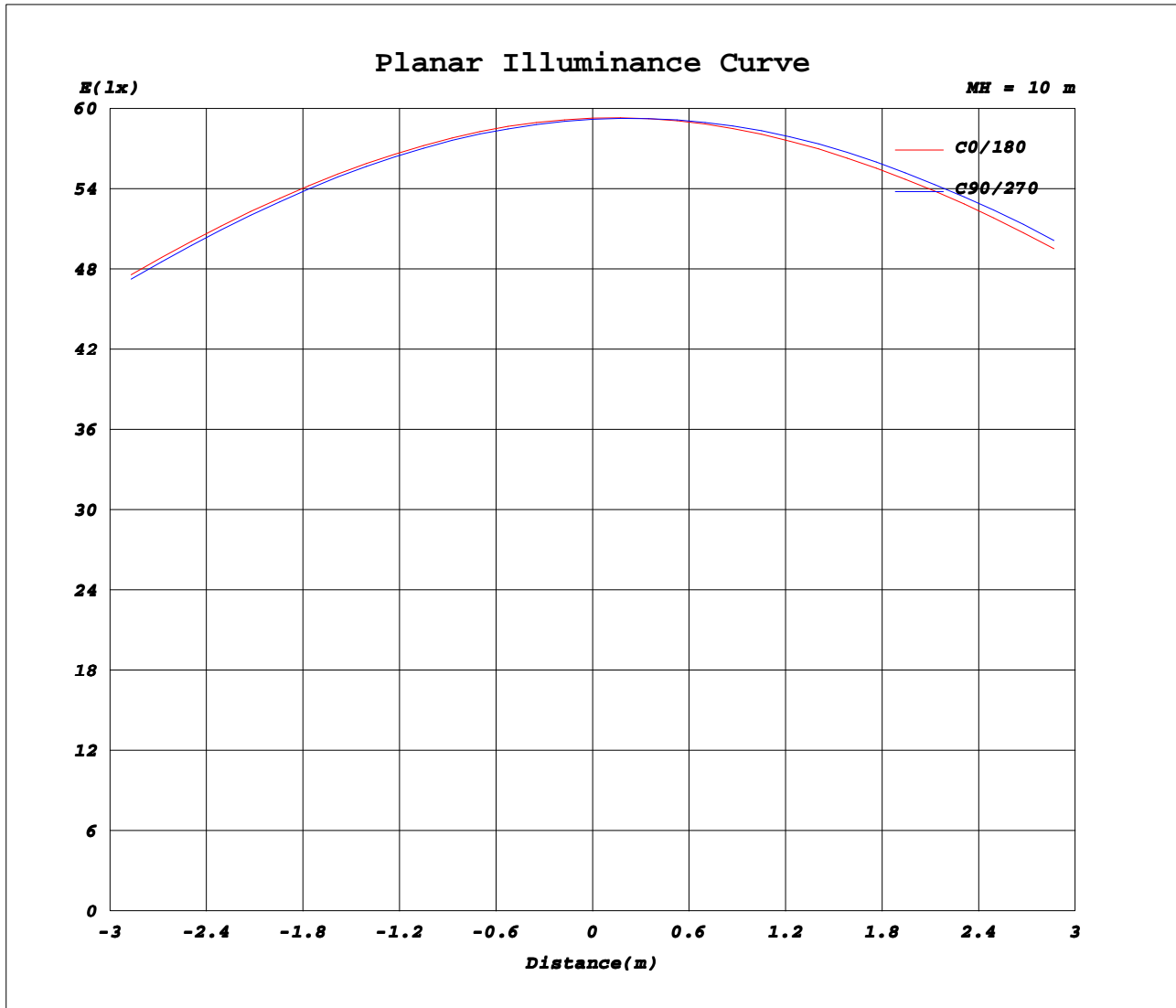
Test:U:220.70V I:0.2750A P:59.200W PF:0.9750 Freq:50.00Hz Lamp Flux:7041.2lx1 lm		
Name: LSD-M 1200 60W CCT(3000K)	Type: 长条形	
MFR.:	DIM.: 1202*64*85mm	
	SUR.: 1192*60mm	



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
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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)
PCB: LSD-M-2X13S7P-V1.0(A+B), 电源: SC60W
-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

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)
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-1400CG-4(1400mA)

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.70V I:0.2750A P:59.200W PF:0.9750 Freq:50.00Hz Lamp Flux:7041.2lx1 lm		
Name: LSD-M 1200 60W CCT(3000K)	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	5929	5924	5920	5919	5922	5926	5929	5926	5922	5919	5920	5924						
5	5847	5829	5822	5828	5855	5887	5918	5935	5942	5938	5920	5889						
10	5678	5648	5639	5652	5700	5759	5815	5850	5867	5863	5827	5765						
15	5421	5379	5367	5386	5458	5544	5627	5678	5704	5697	5644	5552						
20	5056	4975	4945	4966	5075	5206	5333	5394	5418	5400	5331	5216						
25	4521	4336	4253	4270	4471	4711	4929	4955	4916	4834	4754	4650						
30	3515	3376	3344	3419	3704	4019	4285	4276	4173	4012	3872	3706						
35	2413	2390	2422	2510	2709	2921	3104	3158	3142	3058	2910	2695						
40	1317	1339	1401	1503	1691	1885	2054	2129	2136	2067	1902	1652						
45	478	524	589	673	802	932	1041	1096	1103	1053	927	735						
50	191	221	253	286	329	367	398	410	406	385	340	275						
55	108	127	141	153	160	164	166	169	169	164	151	132						
60	28.3	38.9	49.3	59.4	71.5	81.8	88.4	86.4	80.0	70.2	58.8	44.9						
65	7.20	9.59	11.8	13.8	15.5	17.1	18.7	21.5	23.5	23.9	20.8	15.2						
70	5.24	7.19	8.75	9.93	10.3	10.6	11.1	13.7	16.0	17.2	15.2	11.2						
75	4.63	6.35	7.70	8.66	8.85	8.96	9.32	11.7	13.8	14.9	13.3	9.83						
80	4.78	6.16	7.26	8.11	8.38	8.62	9.06	11.1	12.9	13.8	12.3	9.33						
85	5.24	6.44	7.46	8.30	8.76	9.19	9.74	11.5	12.9	13.6	12.1	9.37						
90	6.35	6.55	6.97	7.59	8.52	9.59	10.7	12.2	13.3	13.6	12.3	9.92						
95	8.23	8.25	8.54	9.11	10.2	11.4	12.5	13.3	13.7	13.6	12.5	10.7						
100	10.8	10.8	11.2	11.7	12.7	13.7	14.7	15.4	15.8	15.7	14.7	13.1						
105	14.2	14.2	14.4	14.8	15.6	16.5	17.4	18.0	18.3	18.1	17.3	16.0						
110	18.4	18.4	18.5	18.8	19.4	20.1	20.7	21.1	21.4	21.3	20.8	19.8						
115	23.6	23.4	23.4	23.5	23.8	24.3	24.7	25.0	25.1	25.1	24.8	24.3						
120	29.8	29.3	29.0	28.8	28.9	29.1	29.3	29.4	29.5	29.6	29.6	29.7						
125	37.1	36.1	35.4	34.9	34.7	34.8	34.9	34.7	34.6	34.7	35.2	36.0						
130	45.6	43.8	42.5	41.5	41.2	41.2	41.3	40.7	40.3	40.4	41.5	43.2						
135	53.9	51.6	49.8	48.5	48.2	48.2	48.3	47.3	46.7	46.6	48.0	50.5						
140	61.9	59.2	57.2	55.9	55.5	55.4	55.4	54.2	53.3	53.1	54.8	57.7						
145	68.8	66.4	64.5	63.1	62.4	62.0	61.7	60.6	59.9	59.9	61.7	64.6						
150	73.9	72.7	71.6	70.4	69.1	67.9	66.9	66.3	66.1	66.7	68.3	70.7						
155	78.3	78.7	78.5	77.6	75.3	72.9	71.0	71.1	72.1	73.5	74.8	76.4						
160	82.8	84.4	84.8	84.1	81.0	77.7	75.1	76.0	77.8	80.0	81.2	82.1						
165	88.4	90.0	90.5	89.8	86.6	83.2	80.5	81.6	83.6	86.0	87.1	87.9						
170	93.4	94.4	94.6	94.1	91.8	89.4	87.5	88.2	89.5	91.1	92.0	92.8						
175	96.9	97.3	97.4	97.0	95.7	94.3	93.3	93.5	94.1	95.0	95.6	96.2						
180	97.2	97.4	97.5	97.6	97.5	97.3	97.2	97.3	97.5	97.6	97.5	97.4						

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C Interval: 30.0DEG
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