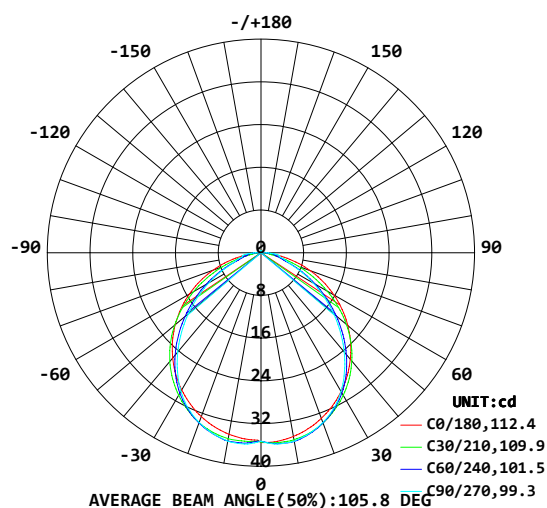


LUMINAIRE PHOTOMETRIC TEST REPORT

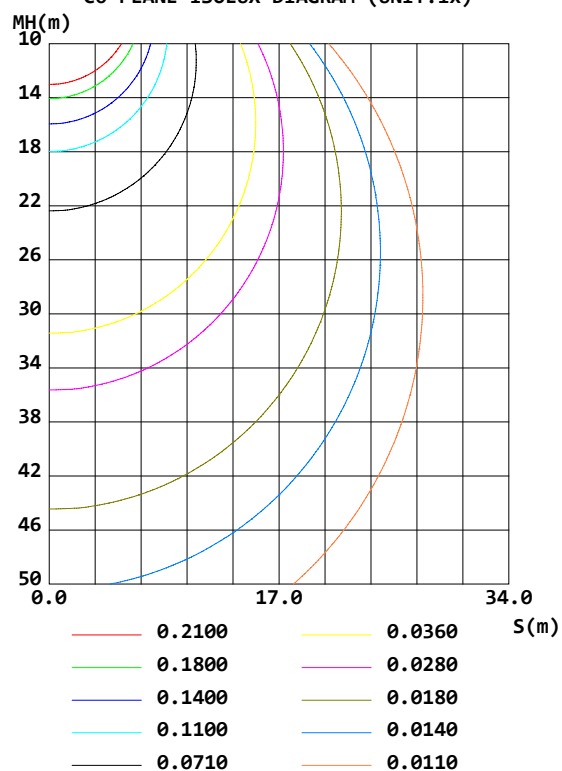
Test:U:23.998V I:0.1146A P:2.7502W PF:1.0000 Freq:50.04Hz Lamp Flux:95.0829x1 lm		
NAME: 硬灯条	TYPE:RR18-SUPER-05-40	WEIGHT:
SPEC.:RR18-SUPER-05-40	DIM.: 0.1X0.5	SERIAL No.:
MFR.: 乐的美光电	SUR.:0.1X0.5	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Eff: 34.57 lm/W			
MODEL	RR18-SUPER-05-40	I _{max} (cd)	35.99	S/MH(C0/180)	1.26
NOMINAL POWER(W)	2.78	LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	95.083	h UP,DN(C0-180)	0.2,49.8
NOMINAL FLUX(lm)	95.0829	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.2,49.7
LAMPS INSIDE	1	h up(%)	0.5	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	h down(%)	99.5	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 180DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-04-06

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum, lamp
10	34.94	35.76	35.82	35.61	34.52	35.61	35.82	35.76	0- 10	3.400	3.400	3.58, 3.58
20	33.02	33.95	33.85	33.91	32.66	33.91	33.85	33.95	10- 20	9.836	13.24	13.9, 13.9
30	30.01	30.62	29.99	30.66	29.68	30.66	29.99	30.62	20- 30	14.88	28.12	29.6, 29.6
40	26.03	25.72	24.27	25.88	25.73	25.88	24.27	25.72	30- 40	17.61	45.73	48.1, 48.1
50	21.24	19.49	17.75	19.73	20.97	19.73	17.75	19.49	40- 50	17.54	63.26	66.5, 66.5
60	15.77	12.72	11.28	12.96	15.50	12.96	11.28	12.72	50- 60	14.78	78.05	82.1, 82.1
70	9.811	6.112	5.497	6.306	9.564	6.306	5.497	6.112	60- 70	9.979	88.03	92.6, 92.6
80	3.901	2.098	3.499	2.094	3.699	2.094	3.499	2.098	70- 80	4.888	92.91	97.7, 97.7
90	0	0.3024	0.7064	0.3024	0	0.3024	0.7064	0.3024	80- 90	1.704	94.62	99.5, 99.5
100	0	0	0	0	0	0	0	0	90-100	0.0394	94.66	99.6, 99.6
110	0	0	0	0	0	0	0	0	100-110	0.0001	94.66	99.6, 99.6
120	0.0521	0	0	0	0.0148	0	0	0	110-120	0.0063	94.67	99.6, 99.6
130	0.1044	0.0299	0.0150	0.0336	0.0895	0.0336	0.0150	0.0299	120-130	0.0275	94.69	99.6, 99.6
140	0.1939	0.1158	0.0971	0.1343	0.1417	0.1343	0.0971	0.1158	130-140	0.0659	94.76	99.7, 99.7
150	0.2164	0.2089	0.1791	0.1828	0.2313	0.1828	0.1791	0.2089	140-150	0.1000	94.86	99.8, 99.8
160	0.2981	0.2760	0.2687	0.2500	0.2313	0.2500	0.2687	0.2760	150-160	0.1059	94.96	99.9, 99.9
170	0.3432	0.3508	0.3657	0.3096	0.2984	0.3096	0.3657	0.3508	160-170	0.0836	95.05	100, 100
180	0.4775	0.4253	0.4253	0.3880	0.4402	0.3880	0.4253	0.4253	170-180	0.0350	95.08	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 54.683 lm

%lum = 57.5%

%lamp = 57.5%

Conical surface Flux(120deg): 78.048 lm

%lum = 82.1%

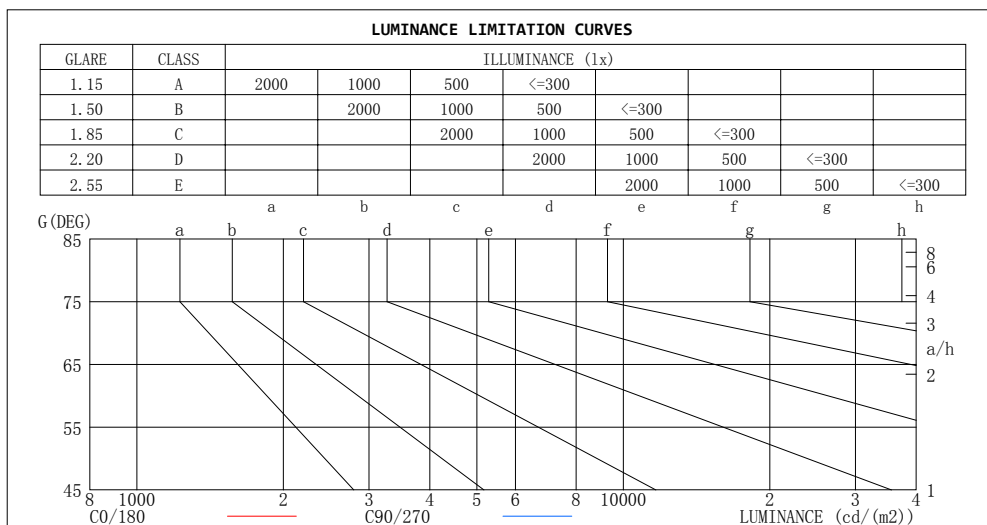
%lamp = 82.1%

C Range: 0 - 180DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-04-06

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:12.000m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:23.998V I:0.1146A P:2.7502W PF:1.0000 Freq:50.04Hz Lamp Flux:95.0829x1 lm		
NAME: 硬灯条	TYPE:RR18-SUPER-05-40	WEIGHT:
SPEC.:RR18-SUPER-05-40	DIM.: 0.1X0.5	SERIAL No.:
MFR.: 乐的美光电	SUR.:0.1X0.5	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	315	568
80	449	403
75	525	330
70	574	321
65	608	386
60	631	451
55	648	505
50	661	552
45	671	595

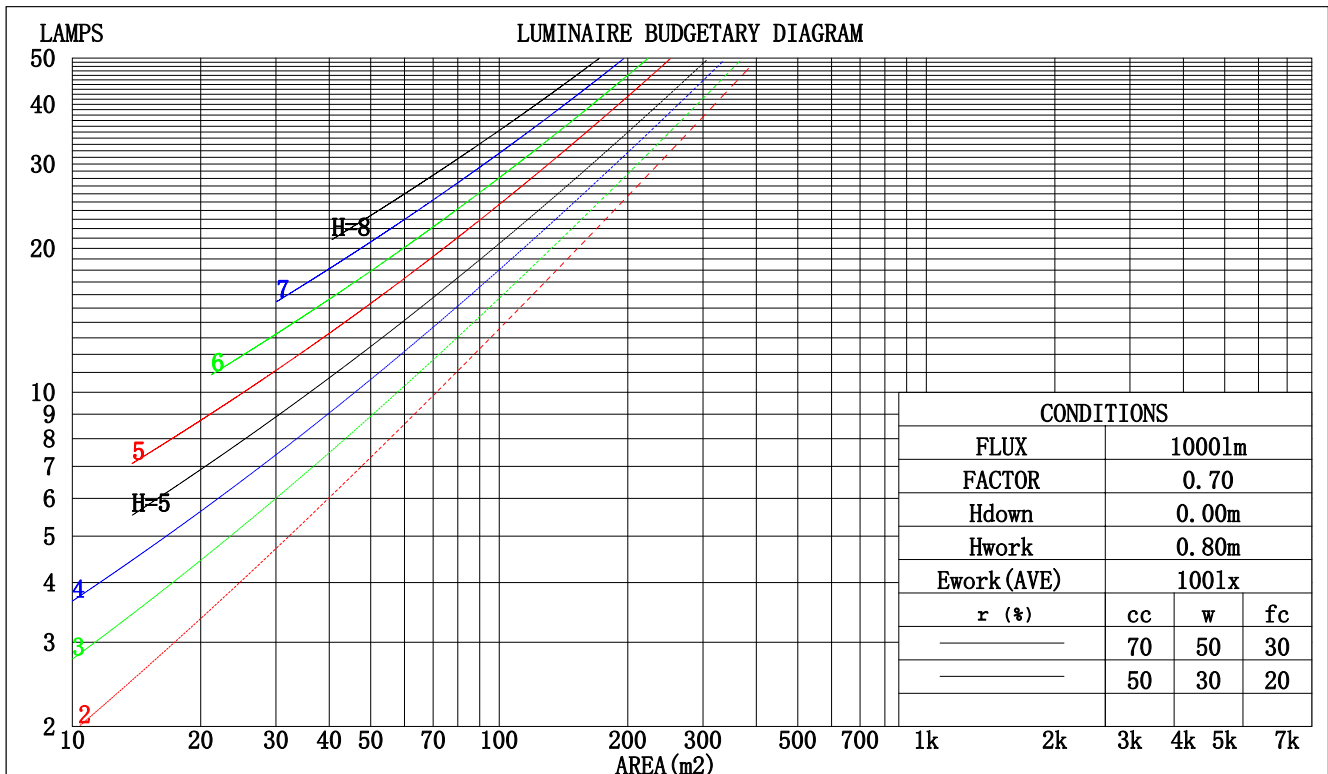
C Range: 0 - 180DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-04-06

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:23.998V I:0.1146A P:2.7502W PF:1.0000 Freq:50.04Hz Lamp Flux:95.0829x1 lm		
NAME: 硬灯条	TYPE:RR18-SUPER-05-40	WEIGHT:
SPEC.:RR18-SUPER-05-40	DIM.: 0.1X0.5	SERIAL No.:
MFR.: 乐的美光电	SUR.:0.1X0.5	Shielding Angle:

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.05	1.01	.97	1.02	.99	.95	.98	.95	.92	.94	.92	.89	.90	.88	.86	.84
2.0	.92	.85	.80	.90	.84	.79	.86	.81	.77	.83	.79	.75	.80	.76	.73	.71
3.0	.81	.73	.67	.79	.72	.66	.76	.70	.65	.74	.68	.64	.71	.67	.63	.61
4.0	.72	.64	.57	.71	.63	.57	.68	.61	.56	.66	.60	.55	.64	.58	.54	.52
5.0	.65	.56	.49	.63	.55	.49	.61	.54	.49	.59	.53	.48	.57	.52	.47	.45
6.0	.58	.50	.43	.57	.49	.43	.55	.48	.43	.54	.47	.42	.52	.46	.42	.40
7.0	.53	.44	.38	.52	.44	.38	.51	.43	.38	.49	.42	.38	.48	.42	.37	.35
8.0	.48	.40	.34	.48	.40	.34	.46	.39	.34	.45	.38	.34	.44	.38	.33	.32
9.0	.44	.36	.31	.44	.36	.31	.43	.36	.31	.42	.35	.30	.41	.35	.30	.28
10.0	.41	.33	.28	.40	.33	.28	.39	.33	.28	.39	.32	.28	.38	.32	.28	.26



C Range: 0 - 180DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-04-06

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:12.000m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:23.998V I:0.1146A P:2.7502W PF:1.0000 Freq:50.04Hz Lamp Flux:95.0829x1 lm								
NAME: 硬灯条				TYPE:RR18-SUPER-05-40			WEIGHT:	
SPEC.:RR18-SUPER-05-40				DIM.: 0.1X0.5			SERIAL No.:	
MFR.: 乐的美光电				SUR.:0.1X0.5			Shielding Angle:	

rcc	80%			70%			50%			30%			10%			0	
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
rfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.294	.167	.053	.286	.163	.052	.273	.157	.050	.261	.150	.048	.249	.144	.047		
2.0	.277	.152	.047	.271	.149	.046	.259	.144	.045	.248	.139	.044	.238	.135	.043		
3.0	.258	.137	.041	.253	.135	.041	.242	.131	.040	.233	.127	.039	.224	.124	.038		
4.0	.240	.125	.037	.235	.123	.036	.226	.120	.036	.217	.117	.035	.209	.114	.035		
5.0	.223	.113	.033	.218	.112	.033	.210	.109	.032	.202	.107	.032	.195	.104	.031		
6.0	.207	.104	.030	.203	.103	.030	.196	.101	.029	.189	.098	.029	.183	.096	.029		
7.0	.194	.096	.027	.190	.095	.027	.184	.093	.027	.177	.091	.026	.172	.089	.026		
8.0	.181	.089	.025	.178	.088	.025	.172	.086	.025	.167	.085	.024	.162	.083	.024		
9.0	.170	.082	.023	.168	.082	.023	.162	.080	.023	.157	.079	.023	.153	.077	.022		
10.0	.160	.077	.021	.158	.076	.021	.153	.075	.021	.149	.074	.021	.144	.073	.021		

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.194	.194	.194	.166	.166	.166	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.183	.160	.139	.157	.137	.120	.107	.094	.083	.062	.055	.048	.020	.018	.016	
2.0	.174	.136	.104	.149	.117	.089	.102	.081	.062	.059	.047	.037	.019	.015	.012	
3.0	.166	.118	.080	.142	.102	.069	.098	.071	.048	.056	.041	.029	.018	.013	.009	
4.0	.158	.105	.064	.136	.090	.055	.093	.063	.039	.054	.037	.023	.017	.012	.008	
5.0	.151	.094	.052	.130	.081	.045	.089	.057	.032	.052	.033	.019	.017	.011	.006	
6.0	.144	.086	.044	.124	.074	.038	.085	.052	.027	.050	.031	.016	.016	.010	.005	
7.0	.137	.079	.038	.118	.068	.033	.082	.048	.023	.047	.028	.014	.015	.009	.005	
8.0	.131	.073	.033	.113	.063	.029	.078	.044	.020	.045	.026	.012	.015	.009	.004	
9.0	.125	.068	.029	.108	.059	.026	.075	.042	.018	.043	.025	.011	.014	.008	.004	
10.0	.120	.064	.027	.103	.055	.023	.072	.039	.017	.042	.023	.010	.014	.008	.003	

C Range: 0 - 180DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-04-06

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:23.998V I:0.1146A P:2.7502W PF:1.0000 Freq:50.04Hz Lamp Flux:95.0829x1 lm											
NAME: 硬灯条					TYPE:RR18-SUPER-05-40			WEIGHT:			
SPEC.:RR18-SUPER-05-40					DIM.: 0.1X0.5			SERIAL No.:			
MFR.: 乐的美光电					SUR.:0.1X0.5			Shielding Angle:			
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		11.5	13.0	11.8	13.2	13.4	10.0	11.5	10.3	11.7	11.9
	3H	13.0	14.4	13.3	14.6	14.9	10.9	12.2	11.2	12.4	12.7
	4H	13.6	14.9	13.9	15.1	15.4	11.3	12.5	11.6	12.8	13.1
	6H	14.0	15.2	14.3	15.5	15.7	11.7	12.9	12.1	13.2	13.5
	8H	14.1	15.2	14.4	15.5	15.8	12.1	13.2	12.4	13.5	13.8
	12H	14.1	15.2	14.5	15.5	15.8	12.4	13.5	12.8	13.8	14.1
4H	2H	11.8	13.1	12.1	13.3	13.6	10.6	11.9	10.9	12.1	12.4
	3H	13.4	14.5	13.8	14.8	15.1	11.5	12.6	11.9	12.9	13.2
	4H	14.1	15.1	14.5	15.4	15.8	12.0	13.0	12.4	13.4	13.7
	6H	14.5	15.4	14.9	15.8	16.2	12.6	13.5	13.0	13.9	14.3
	8H	14.7	15.5	15.1	15.9	16.3	13.1	13.9	13.5	14.3	14.7
	12H	14.7	15.5	15.2	15.9	16.3	13.5	14.3	14.0	14.7	15.1
8H	4H	14.1	14.9	14.5	15.3	15.7	12.2	13.0	12.6	13.4	13.8
	6H	14.6	15.3	15.0	15.7	16.1	12.9	13.6	13.4	14.0	14.5
	8H	14.7	15.4	15.2	15.8	16.3	13.5	14.1	14.0	14.6	15.0
	12H	14.8	15.4	15.3	15.8	16.3	14.2	14.7	14.7	15.2	15.7
12H	4H	14.1	14.8	14.5	15.2	15.6	12.2	12.9	12.6	13.3	13.7
	6H	14.6	15.2	15.1	15.6	16.1	13.0	13.6	13.4	14.0	14.5
	8H	14.8	15.3	15.3	15.8	16.2	13.6	14.1	14.1	14.6	15.1
Variations with the observer position at spacings:											
S = 1.0H		+ 0.3 / - 0.3					+ 0.3 / - 0.3				
1.5H		+ 0.2 / - 0.4					+ 0.2 / - 0.3				
2.0H		+ 0.4 / - 0.5					+ 0.3 / - 0.3				

CIE Pub.117, 95.08 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -8.2)

C Range: 0 - 180DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-04-06

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:23.998V I:0.1146A P:2.7502W PF:1.0000 Freq:50.04Hz Lamp Flux:95.0829x1 lm		
NAME: 硬灯条	TYPE:RR18-SUPER-05-40	WEIGHT:
SPEC.:RR18-SUPER-05-40	DIM.: 0.1X0.5	SERIAL No.:
MFR.: 乐的美光电	SUR.:0.1X0.5	Shielding Angle:

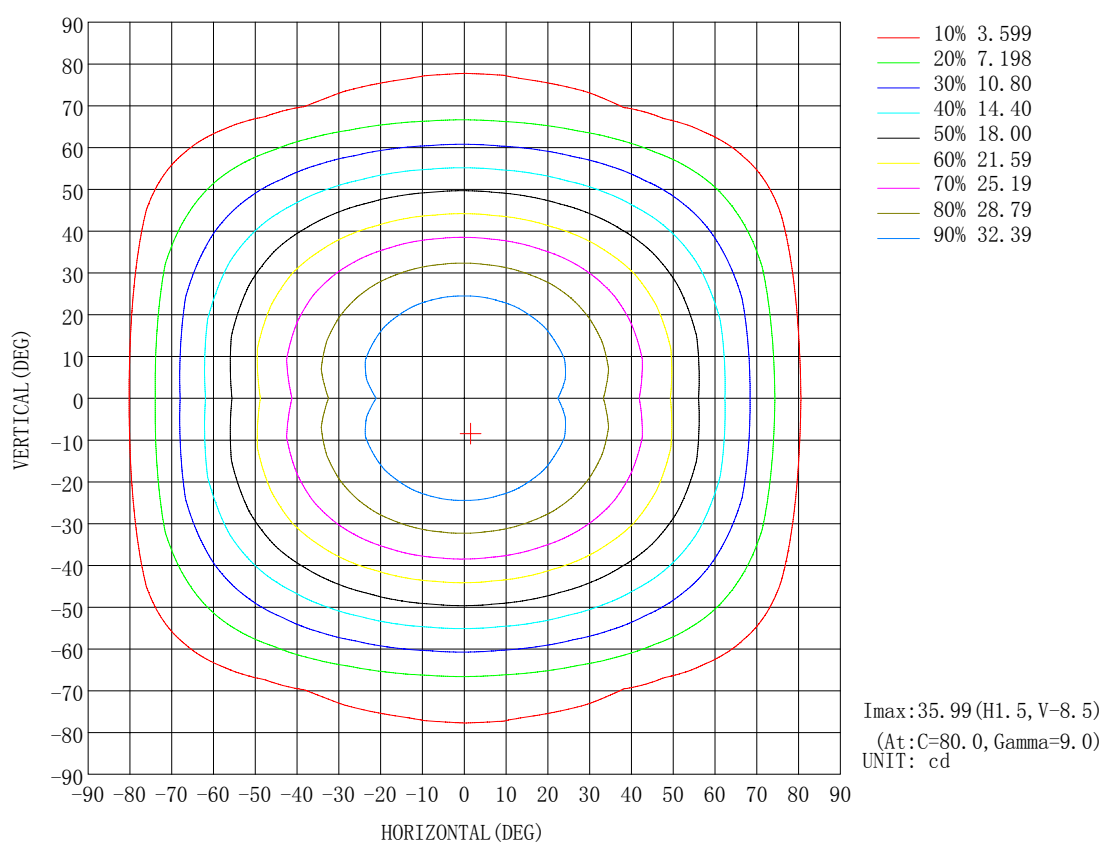
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	59	48	41	59	48	41	57	47	41	35
0.80	69	58	51	68	58	51	67	57	51	44
1.00	78	67	60	77	67	60	74	68	59	53
1.25	85	75	68	83	74	68	81	73	67	60
1.50	90	80	74	88	79	73	85	78	72	65
2.00	96	88	82	95	87	81	91	85	80	72
2.50	100	93	87	98	91	86	94	89	84	76
3.00	103	97	91	101	95	90	97	92	88	80
4.00	107	102	97	105	100	96	100	96	93	84
5.00	109	105	101	107	103	99	102	99	96	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 180DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-04-06

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:23.998V I:0.1146A P:2.7502W PF:1.0000 Freq:50.04Hz Lamp Flux:95.0829x1 lm		
NAME: 硬灯条	TYPE:RR18-SUPER-05-40	WEIGHT:
SPEC.:RR18-SUPER-05-40	DIM.: 0.1X0.5	SERIAL No.:
MFR.: 乐的美光电	SUR.:0.1X0.5	Shielding Angle:

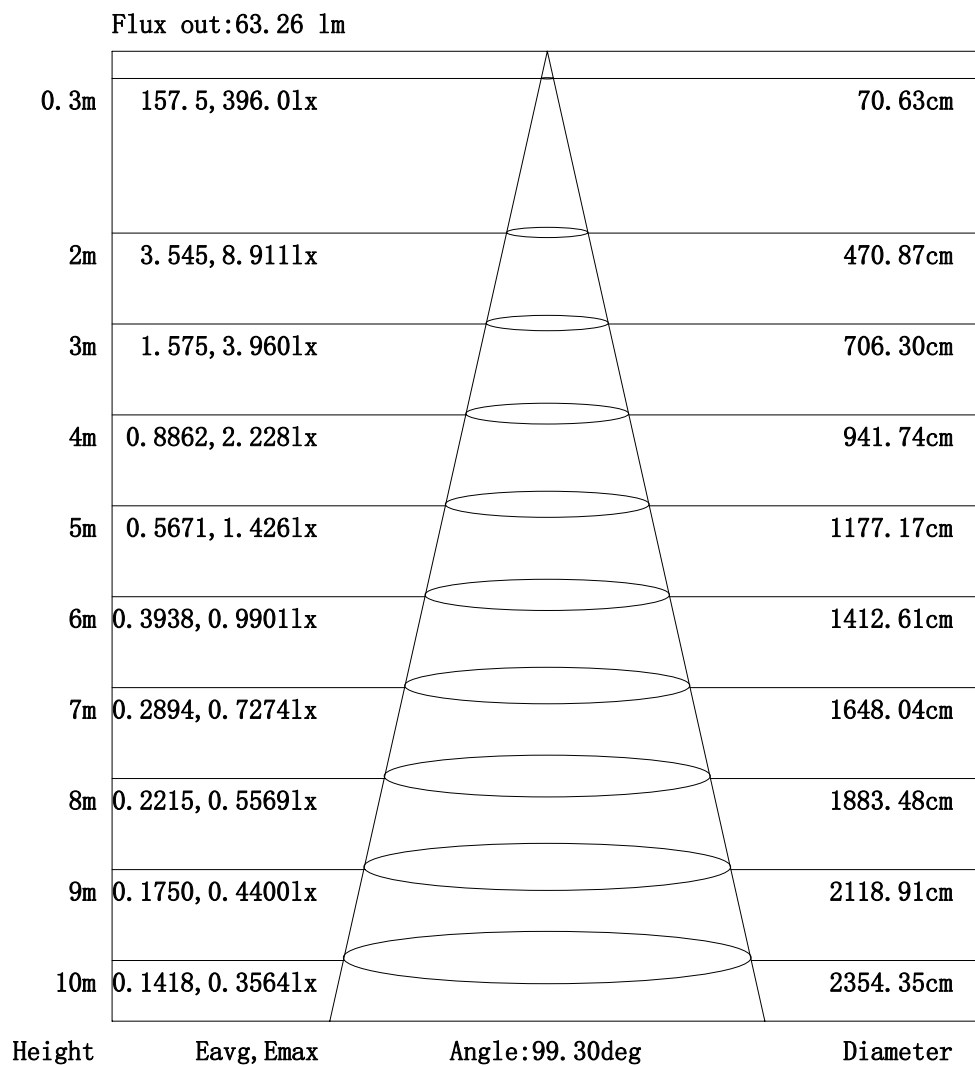


C Range: 0 - 180DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-04-06

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks:

AAI Figure

Test:U:23.998V I:0.1146A P:2.7502W PF:1.0000 Freq:50.04Hz Lamp Flux:95.0829x1 lm		
NAME: 硬灯条	TYPE:RR18-SUPER-05-40	WEIGHT:
SPEC.:RR18-SUPER-05-40	DIM.: 0.1X0.5	SERIAL No.:
MFR.: 乐的美光电	SUR.:0.1X0.5	Shielding Angle:



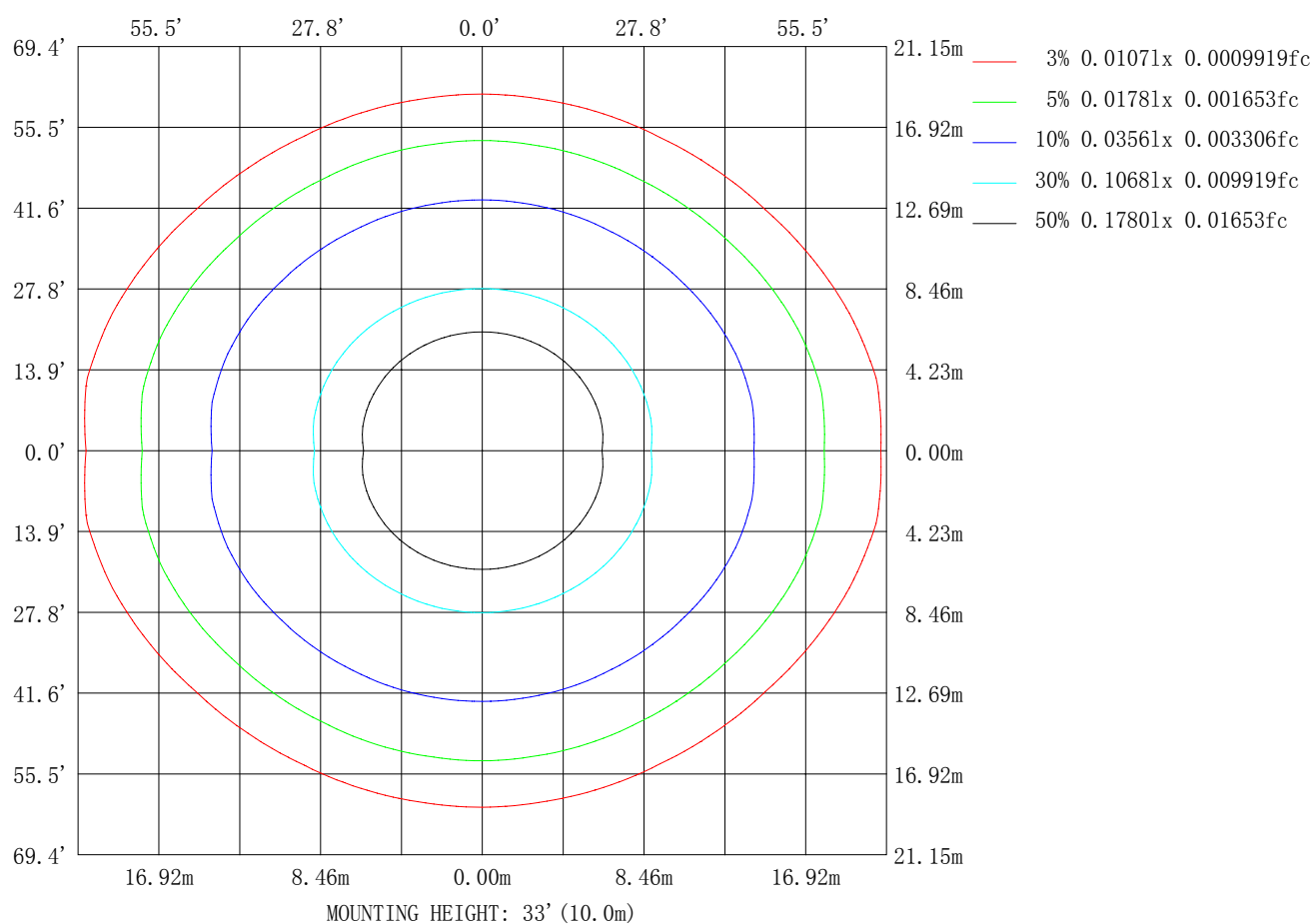
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 180DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2018-04-06

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:12.000m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:23.998V I:0.1146A P:2.7502W PF:1.0000 Freq:50.04Hz Lamp Flux:95.0829x1 lm		
NAME: 硬灯条	TYPE:RR18-SUPER-05-40	WEIGHT:
SPEC.:RR18-SUPER-05-40	DIM.: 0.1X0.5	SERIAL No.:
MFR.: 乐的美光电	SUR.:0.1X0.5	Shielding Angle:



C Range: 0 - 180DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2018-04-06

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity: 65.0%
Test Distance: 12.000m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:23.998V I:0.1146A P:2.7502W PF:1.0000 Freq:50.04Hz Lamp Flux:95.0829x1 lm		
NAME: 硬灯条	TYPE:RR18-SUPER-05-40	WEIGHT:
SPEC.:RR18-SUPER-05-40	DIM.: 0.1X0.5	SERIAL No.:
MFR.: 乐的美光电	SUR.:0.1X0.5	Shielding Angle:

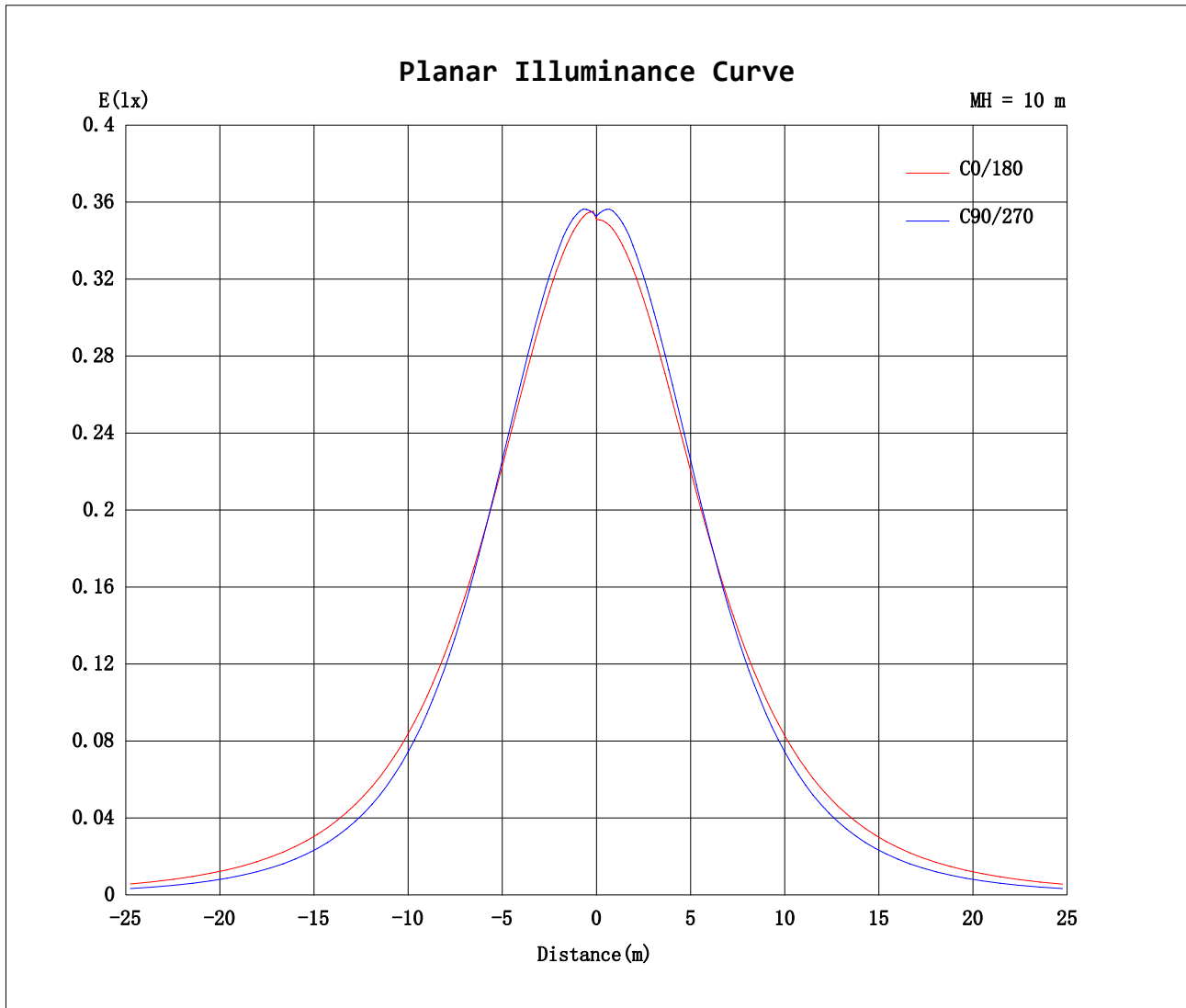
AvgL	cd/m2
L_0~180(65)av	601
L_0~180(75)av	515
L_0~180(85)av	300
L_90~270(65)av	386
L_90~270(75)av	330
L_90~270(85)av	568
L_45(65)av	446
L_45(75)av	259
L_45(85)av	354

Standard: GB/T 29293-2012

C Range: 0 - 180DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-04-06

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 180DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2018-04-06

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity: 65.0%
Test Distance: 12.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.998V I:0.1146A P:2.7502W PF:1.0000 Freq:50.04Hz Lamp Flux:95.0829x1 lm		
NAME: 硬灯条	TYPE:RR18-SUPER-05-40	WEIGHT:
SPEC.:RR18-SUPER-05-40	DIM.: 0.1X0.5	SERIAL No.:
MFR.: 乐的美光电	SUR.:0.1X0.5	Shielding Angle:

Table--1		UNIT: cd																	
C(DEG)\ g (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	35.5	35.5	35.5	35.4	35.4	35.4	35.3	35.3	35.3	35.3	35.2	35.2	35.2	35.2	35.2	35.2	35.1	35.1	35.1
5	35.4	35.4	35.6	35.7	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.8	35.7	35.6	35.4	35.2	35.1	35.0
10	34.9	35.1	35.5	35.6	35.8	35.7	35.9	35.8	35.9	35.8	35.9	35.8	35.8	35.6	35.6	35.4	35.2	34.8	34.5
15	34.1	34.5	34.9	35.0	35.1	35.0	35.1	35.0	35.1	35.0	35.1	35.0	35.1	35.0	35.0	34.8	34.7	34.2	33.7
20	33.0	33.5	33.9	34.0	34.0	33.9	34.0	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.7	33.2	32.7
25	31.6	32.3	32.6	32.5	32.5	32.4	32.4	32.3	32.2	32.2	32.2	32.3	32.4	32.4	32.5	32.5	32.5	32.1	31.3
30	30.0	30.7	30.9	30.8	30.7	30.5	30.3	30.1	30.0	30.0	30.0	30.2	30.4	30.6	30.7	30.8	30.9	30.5	29.7
35	28.1	28.9	28.9	28.8	28.6	28.2	27.8	27.5	27.3	27.3	27.3	27.6	27.9	28.3	28.6	28.9	28.9	28.7	27.8
40	26.0	26.8	26.7	26.5	26.0	25.5	24.9	24.5	24.3	24.3	24.3	24.6	25.0	25.6	26.2	26.6	26.8	26.7	25.7
45	23.7	24.4	24.3	23.8	23.1	22.4	21.7	21.3	21.0	21.1	21.1	21.5	21.9	22.6	23.3	24.0	24.3	24.4	23.4
50	21.2	21.8	21.6	20.9	19.9	19.1	18.4	18.0	17.8	17.8	17.8	18.1	18.6	19.3	20.1	21.1	21.7	21.9	21.0
55	18.6	19.1	18.6	17.7	16.5	15.7	15.0	14.7	14.5	14.5	14.5	14.8	15.2	15.9	16.8	17.9	18.8	19.1	18.3
60	15.8	16.2	15.4	14.3	13.1	12.3	11.7	11.4	11.2	11.3	11.3	11.6	11.9	12.5	13.4	14.6	15.7	16.2	15.5
65	12.8	13.1	12.1	10.8	9.72	9.00	8.47	8.26	8.11	8.15	8.16	8.34	8.61	9.20	9.96	11.1	12.4	13.2	12.6
70	9.81	9.89	8.63	7.44	6.42	5.81	5.42	5.36	5.45	5.50	5.45	5.42	5.52	5.98	6.63	7.72	8.94	10.1	9.56
75	6.79	6.62	5.34	4.27	3.43	3.35	3.73	3.99	4.22	4.27	4.22	3.98	3.72	3.33	3.59	4.51	5.60	6.85	6.55
80	3.90	3.49	2.42	1.80	2.02	2.17	2.69	3.06	3.46	3.50	3.43	3.01	2.64	2.16	2.02	1.83	2.63	3.71	3.70
85	1.37	0.97	0.81	1.05	1.43	1.67	1.97	2.21	2.40	2.47	2.38	2.18	1.95	1.65	1.40	0.99	0.83	1.12	1.24
90	0.00	0.00	0.07	0.11	0.27	0.33	0.49	0.56	0.68	0.71	0.67	0.56	0.49	0.33	0.27	0.10	0.05	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
115	0.01	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
120	0.05	0.09	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.07	0.01
125	0.10	0.13	0.01	0.06	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.07	0.01	0.11	0.08
130	0.10	0.16	0.08	0.10	0.00	0.06	0.00	0.04	0.00	0.01	0.00	0.02	0.00	0.07	0.00	0.11	0.07	0.14	0.09
135	0.13	0.20	0.09	0.15	0.06	0.10	0.00	0.07	0.00	0.05	0.00	0.07	0.00	0.12	0.08	0.13	0.09	0.17	0.10
140	0.19	0.23	0.13	0.19	0.09	0.14	0.07	0.12	0.02	0.10	0.01	0.12	0.10	0.16	0.10	0.17	0.10	0.20	0.14
145	0.22	0.28	0.20	0.22	0.12	0.19	0.08	0.16	0.09	0.13	0.10	0.17	0.11	0.19	0.13	0.20	0.13	0.22	0.19
150	0.22	0.29	0.21	0.27	0.19	0.22	0.13	0.20	0.10	0.18	0.10	0.22	0.15	0.23	0.13	0.22	0.15	0.25	0.23
155	0.23	0.31	0.23	0.28	0.20	0.28	0.19	0.23	0.14	0.23	0.17	0.27	0.20	0.26	0.20	0.25	0.21	0.28	0.23
160	0.30	0.35	0.26	0.31	0.24	0.31	0.21	0.28	0.22	0.27	0.21	0.31	0.22	0.29	0.21	0.28	0.22	0.28	0.23
165	0.34	0.37	0.32	0.37	0.28	0.35	0.25	0.33	0.23	0.32	0.25	0.34	0.25	0.31	0.22	0.30	0.22	0.31	0.26
170	0.34	0.41	0.34	0.41	0.32	0.38	0.34	0.37	0.31	0.37	0.32	0.38	0.34	0.35	0.27	0.35	0.26	0.35	0.30
175	0.37	0.45	0.36	0.44	0.35	0.43	0.34	0.40	0.34	0.41	0.34	0.42	0.34	0.39	0.34	0.37	0.34	0.37	0.32
180	0.48	0.47	0.44	0.46	0.43	0.43	0.40	0.40	0.40	0.43	0.45	0.46	0.37	0.43	0.35	0.37	0.37	0.37	0.44

C Range: 0 - 180DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-04-06

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:12.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.998V I:0.1146A P:2.7502W PF:1.0000 Freq:50.04Hz Lamp Flux:95.0829x1 lm																	
NAME: 硬灯条									TYPE:RR18-SUPER-05-40						WEIGHT:		
SPEC.:RR18-SUPER-05-40									DIM.: 0.1X0.5						SERIAL No.:		
MFR.: 乐的美光电									SUR.:0.1X0.5						Shielding Angle:		

Table--2

UNIT: cd

C(DEG) g (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	35.1	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.5	35.5		
5	35.1	35.2	35.4	35.6	35.7	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.8	35.7	35.6	35.4		
10	34.8	35.2	35.4	35.6	35.6	35.8	35.8	35.9	35.8	35.9	35.8	35.9	35.7	35.8	35.6	35.5	35.1		
15	34.2	34.7	34.8	35.0	35.0	35.1	35.0	35.1	35.0	35.1	35.0	35.1	35.0	35.1	35.0	34.9	34.5		
20	33.2	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	34.0	33.9	34.0	34.0	33.9	33.5		
25	32.1	32.5	32.5	32.5	32.4	32.4	32.3	32.2	32.2	32.2	32.3	32.4	32.4	32.5	32.5	32.6	32.3		
30	30.5	30.9	30.8	30.7	30.6	30.4	30.2	30.0	30.0	30.0	30.1	30.3	30.5	30.7	30.8	30.9	30.7		
35	28.7	28.9	28.9	28.6	28.3	27.9	27.6	27.3	27.3	27.3	27.5	27.8	28.2	28.6	28.8	28.9	28.9		
40	26.7	26.8	26.6	26.2	25.6	25.0	24.6	24.3	24.3	24.3	24.5	24.9	25.5	26.0	26.5	26.7	26.8		
45	24.4	24.3	24.0	23.3	22.6	21.9	21.5	21.1	21.1	21.0	21.3	21.7	22.4	23.1	23.8	24.3	24.4		
50	21.9	21.7	21.1	20.1	19.3	18.6	18.1	17.8	17.8	17.8	18.0	18.4	19.1	19.9	20.9	21.6	21.8		
55	19.1	18.8	17.9	16.8	15.9	15.2	14.8	14.5	14.5	14.5	14.7	15.0	15.7	16.5	17.7	18.6	19.1		
60	16.2	15.7	14.6	13.4	12.5	11.9	11.6	11.3	11.3	11.2	11.4	11.7	12.3	13.1	14.3	15.4	16.2		
65	13.2	12.4	11.1	9.96	9.20	8.61	8.34	8.16	8.15	8.11	8.26	8.47	9.00	9.72	10.8	12.1	13.1		
70	10.1	8.94	7.72	6.63	5.98	5.52	5.42	5.45	5.50	5.45	5.36	5.42	5.81	6.42	7.44	8.63	9.89		
75	6.85	5.60	4.51	3.59	3.33	3.72	3.98	4.22	4.27	4.22	3.99	3.73	3.35	3.43	4.27	5.34	6.62		
80	3.71	2.63	1.83	2.02	2.16	2.64	3.01	3.43	3.50	3.46	3.06	2.69	2.17	2.02	1.80	2.42	3.49		
85	1.12	0.83	0.99	1.40	1.65	1.95	2.18	2.38	2.47	2.40	2.21	1.97	1.67	1.43	1.05	0.81	0.97		
90	0.00	0.05	0.10	0.27	0.33	0.49	0.56	0.67	0.71	0.68	0.56	0.49	0.33	0.27	0.11	0.07	0.00		
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
110	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01		
115	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05		
120	0.07	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.09		
125	0.11	0.01	0.07	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.06	0.01	0.13		
130	0.14	0.07	0.11	0.00	0.07	0.00	0.02	0.00	0.01	0.00	0.04	0.00	0.06	0.00	0.10	0.08	0.16		
135	0.17	0.09	0.13	0.08	0.12	0.00	0.07	0.00	0.05	0.00	0.07	0.00	0.10	0.06	0.15	0.09	0.20		
140	0.20	0.10	0.17	0.10	0.16	0.10	0.12	0.01	0.10	0.02	0.12	0.07	0.14	0.09	0.19	0.13	0.23		
145	0.22	0.13	0.20	0.13	0.19	0.11	0.17	0.10	0.13	0.09	0.16	0.08	0.19	0.12	0.22	0.20	0.28		
150	0.25	0.15	0.22	0.13	0.23	0.15	0.22	0.10	0.18	0.10	0.20	0.13	0.22	0.19	0.27	0.21	0.29		
155	0.28	0.21	0.25	0.20	0.26	0.20	0.27	0.17	0.23	0.14	0.23	0.19	0.28	0.20	0.28	0.23	0.31		
160	0.28	0.22	0.28	0.21	0.29	0.22	0.31	0.21	0.27	0.22	0.28	0.21	0.31	0.24	0.31	0.26	0.35		
165	0.31	0.22	0.30	0.22	0.31	0.25	0.34	0.25	0.32	0.23	0.33	0.25	0.35	0.28	0.37	0.32	0.37		
170	0.35	0.26	0.35	0.27	0.35	0.34	0.38	0.32	0.37	0.31	0.37	0.34	0.38	0.32	0.41	0.34	0.41		
175	0.37	0.34	0.37	0.34	0.39	0.34	0.42	0.34	0.41	0.34	0.40	0.34	0.43	0.35	0.44	0.36	0.45		
180	0.37	0.37	0.37	0.35	0.43	0.37	0.46	0.45	0.43	0.40	0.40	0.40	0.43	0.43	0.46	0.44	0.47		

C Range: 0 - 180DEG

C Interval: 10.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:

Test Date:2018-04-06

g Range: 0 - 180DEG

g Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366

Humidity:65.0%

Test Distance:12.000m [K=1.0000]

Remarks: