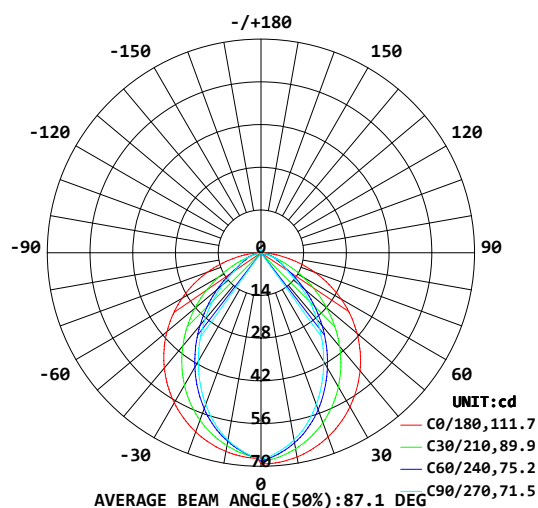


LUMINAIRE PHOTOMETRIC TEST REPORT

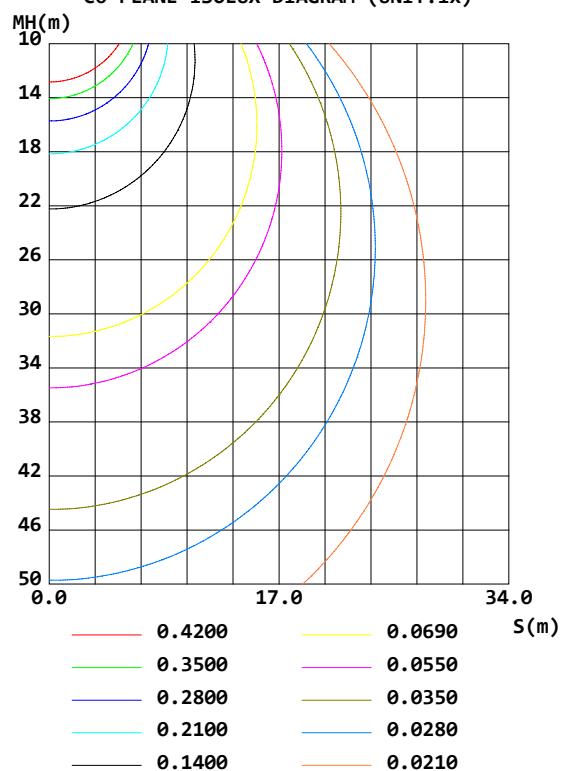
Test:U:23.998V I:0.2397A P:5.7523W PF:1.0000 Freq:50.04Hz Lamp Flux:131.316x1 lm		
NAME: 硬灯条	TYPE:RR18-SUPER-11-40	WEIGHT:
SPEC.:RR18-SUPER-11-40	DIM.: 0.1X0.5	SERIAL No.:
MFR.: 乐的美光电	SUR.:0.1X0.5	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 22.83 lm/W
MODEL	RR18-SUPER-11-40	I _{max} (cd)	69.21	S/MH(C0/180)	1.25	
NOMINAL POWER(W)	5.89	LOR(%)	100.0	S/MH(C90/270)	0.97	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	131.32	h UP,DN(C0-180)	0.7,49.3	
NOMINAL FLUX(lm)	131.316	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.8,49.2	
LAMPS INSIDE	1	h up(%)	1.5	CIBSE SHR NOM	1.00	
TEST VOLTAGE(V)	24	h down(%)	98.5	CIBSE SHR MAX	1.15	

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	67.96	64.17	62.31	63.41	66.13	63.41	62.31	64.17	0- 10	6.267	6.267	4.77, 4.77
20	64.23	56.87	52.96	56.30	62.52	56.30	52.96	56.87	10- 20	17.14	23.41	17.8, 17.8
30	58.31	46.77	41.12	46.45	56.81	46.45	41.12	46.77	20- 30	24.17	47.58	36.2, 36.2
40	50.51	34.99	28.60	34.91	49.29	34.91	28.60	34.99	30- 40	26.36	73.94	56.3, 56.3
50	41.10	22.59	16.33	22.74	40.24	22.74	16.33	22.59	40- 50	23.74	97.68	74.4, 74.4
60	30.35	10.54	8.485	10.84	29.89	10.84	8.485	10.54	50- 60	17.27	114.9	87.5, 87.5
70	18.70	4.210	4.113	4.173	18.65	4.173	4.113	4.210	60- 70	10.24	125.2	95.3, 95.3
80	7.256	0.1772	0	0.2370	7.532	0.2370	0	0.1772	70- 80	3.774	129.0	98.2, 98.2
90	0.0003	0	0	0	0.0010	0	0	0	80- 90	0.3829	129.3	98.5, 98.5
100	0	0.0001	0.0149	0.0001	0	0.0001	0.0149	0.0001	90-100	0.0016	129.3	98.5, 98.5
110	0.1043	0.1041	0.1120	0.1044	0.1117	0.1044	0.1120	0.1041	100-110	0.0501	129.4	98.5, 98.5
120	0.2609	0.2426	0.2539	0.2798	0.2833	0.2798	0.2539	0.2426	110-120	0.1844	129.6	98.7, 98.7
130	0.3730	0.3992	0.4180	0.4814	0.4397	0.4814	0.4180	0.3992	120-130	0.3117	129.9	98.9, 98.9
140	0.4849	0.5669	0.5597	0.6120	0.5517	0.6120	0.5597	0.5669	130-140	0.3833	130.3	99.2, 99.2
150	0.5818	0.6864	0.6940	0.7125	0.5968	0.7125	0.6940	0.6864	140-150	0.3900	130.7	99.5, 99.5
160	0.6790	0.7685	0.8134	0.7685	0.7013	0.7685	0.8134	0.7685	150-160	0.3340	131.0	99.8, 99.8
170	0.8058	0.8581	0.9179	0.8432	0.8131	0.8432	0.9179	0.8581	160-170	0.2286	131.2	99.9, 99.9
180	0.9476	0.9327	0.9700	0.9439	0.9625	0.9439	0.9700	0.9327	170-180	0.0858	131.3	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 86.414 lm

%lum = 65.8%

%lamp = 65.8%

Conical surface Flux(120deg): 114.95 lm

%lum = 87.5%

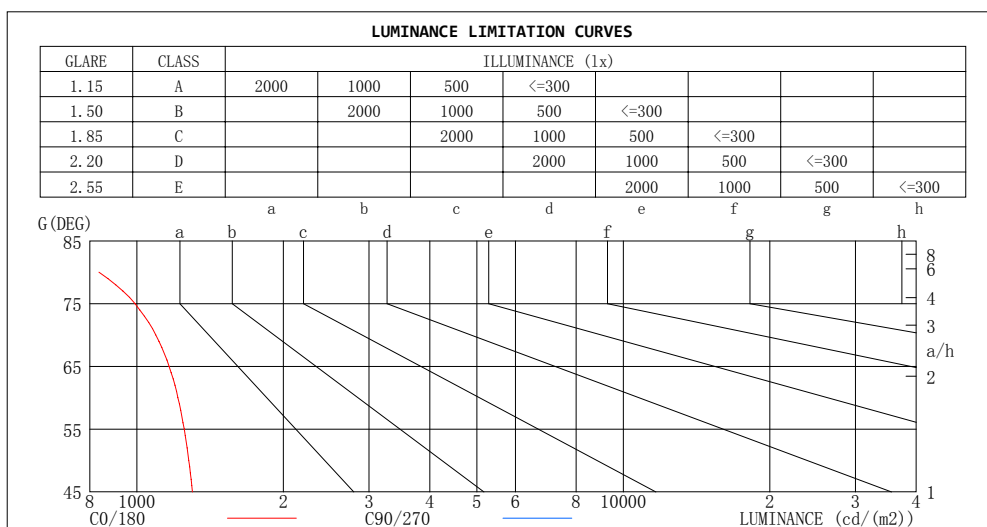
%lamp = 87.5%

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:0.2397A P:5.7523W PF:1.0000 Freq:50.04Hz Lamp Flux:131.316x1 lm		
NAME: 硬灯条	TYPE:RR18-SUPER-11-40	WEIGHT:
SPEC.:RR18-SUPER-11-40	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	576	0
80	836	0
75	991	65
70	1093	240
65	1165	324
60	1214	339
55	1251	382
50	1279	508
45	1301	634

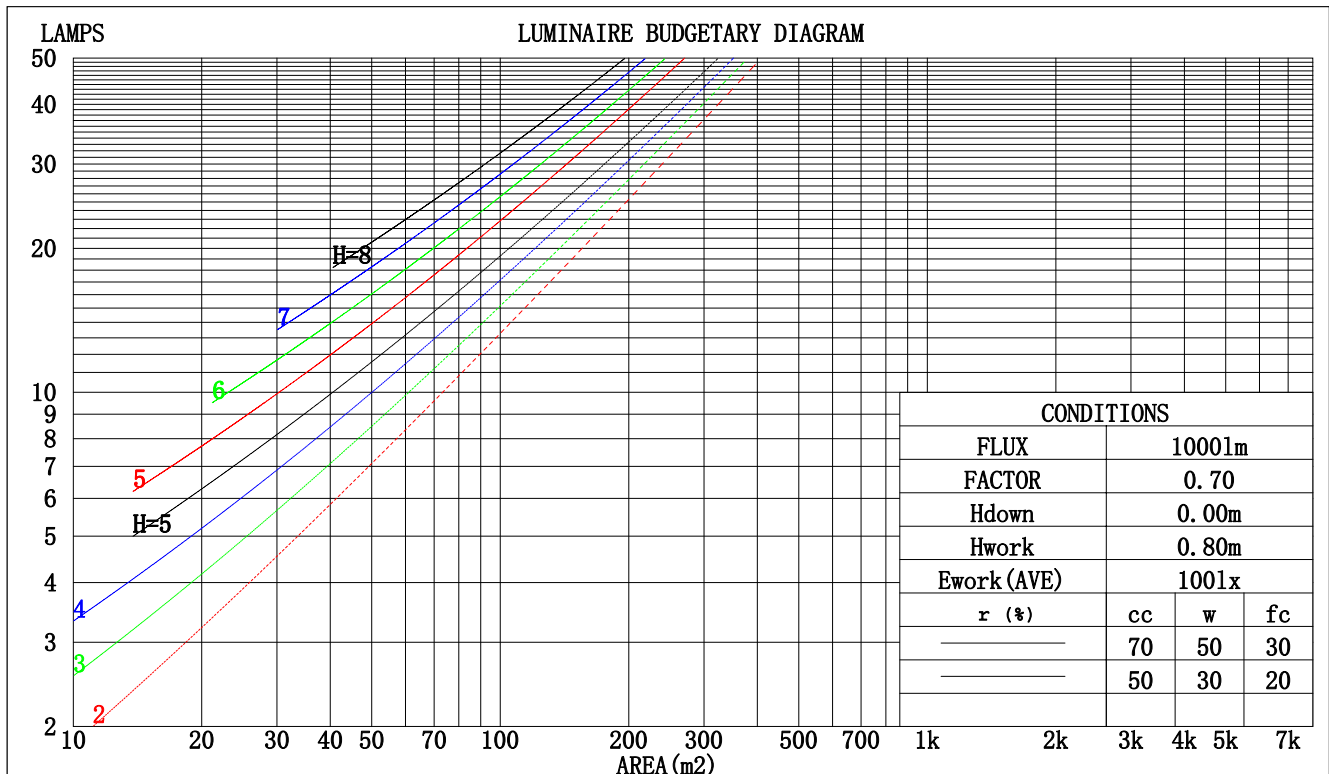
C Range: 0 - 180DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-04-06

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:0.2397A P:5.7523W PF:1.0000 Freq:50.04Hz Lamp Flux:131.316x1 lm		
NAME: 硬灯条	TYPE:RR18-SUPER-11-40	WEIGHT:
SPEC.:RR18-SUPER-11-40	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
rhc	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	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.99
1.0	1.06	1.03	.00	1.04	1.01	.98	.00	.97	.95	.96	.93	.92	.92	.90	.89	.87
2.0	.95	.89	.84	.93	.88	.83	.89	.85	.81	.86	.82	.79	.83	.80	.77	.75
3.0	.85	.78	.72	.83	.77	.71	.80	.74	.70	.77	.72	.69	.75	.71	.67	.65
4.0	.76	.68	.62	.75	.68	.62	.72	.66	.61	.70	.64	.60	.68	.63	.59	.57
5.0	.69	.61	.55	.68	.60	.54	.65	.59	.54	.63	.58	.53	.62	.56	.52	.50
6.0	.63	.54	.49	.62	.54	.48	.60	.53	.48	.58	.52	.47	.56	.51	.47	.45
7.0	.57	.49	.44	.56	.49	.43	.55	.48	.43	.53	.47	.43	.52	.46	.42	.40
8.0	.53	.45	.39	.52	.44	.39	.50	.44	.39	.49	.43	.39	.48	.42	.38	.36
9.0	.49	.41	.36	.48	.41	.36	.47	.40	.35	.46	.39	.35	.44	.39	.35	.33
10.0	.45	.38	.33	.44	.37	.33	.43	.37	.32	.42	.36	.32	.41	.36	.32	.30



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:0.2397A P:5.7523W PF:1.0000 Freq:50.04Hz Lamp Flux:131.316x1 lm		
NAME: 硬灯条	TYPE:RR18-SUPER-11-40	WEIGHT:
SPEC.:RR18-SUPER-11-40	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	.254	.144	.046	.246	.140	.045	.232	.133	.043	.220	.127	.041	.208	.120	.039		
2.0	.246	.135	.041	.240	.132	.041	.228	.127	.039	.217	.122	.038	.206	.117	.037		
3.0	.233	.124	.037	.227	.122	.037	.217	.117	.036	.207	.113	.035	.198	.110	.034		
4.0	.219	.114	.033	.214	.112	.033	.205	.108	.032	.196	.105	.032	.188	.102	.031		
5.0	.205	.105	.030	.201	.103	.030	.193	.100	.030	.185	.097	.029	.177	.095	.028		
6.0	.193	.097	.028	.189	.095	.027	.181	.093	.027	.174	.091	.027	.168	.088	.026		
7.0	.181	.090	.025	.178	.088	.025	.171	.086	.025	.165	.084	.025	.159	.082	.024		
8.0	.171	.083	.023	.167	.082	.023	.161	.081	.023	.156	.079	.023	.150	.077	.022		
9.0	.161	.078	.022	.158	.077	.022	.153	.075	.021	.147	.074	.021	.143	.072	.021		
10.0	.152	.073	.020	.150	.072	.020	.145	.071	.020	.140	.070	.020	.136	.068	.020		

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	.202	.202	.202	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022		
1.0	.188	.168	.150	.161	.144	.129	.110	.099	.089	.063	.057	.052	.020	.018	.017		
2.0	.178	.144	.115	.152	.124	.100	.104	.086	.069	.060	.050	.041	.019	.016	.013		
3.0	.169	.126	.091	.145	.108	.079	.099	.075	.055	.057	.044	.033	.018	.014	.011		
4.0	.161	.112	.075	.138	.097	.065	.095	.067	.046	.055	.040	.027	.018	.013	.009		
5.0	.154	.101	.063	.132	.088	.054	.091	.061	.038	.053	.036	.023	.017	.012	.008		
6.0	.147	.093	.054	.126	.080	.047	.087	.056	.033	.051	.033	.020	.016	.011	.007		
7.0	.141	.086	.047	.121	.074	.041	.084	.052	.029	.049	.031	.017	.016	.010	.006		
8.0	.135	.080	.042	.116	.069	.037	.080	.049	.026	.047	.029	.016	.015	.009	.005		
9.0	.129	.075	.039	.111	.065	.034	.077	.046	.024	.045	.027	.014	.015	.009	.005		
10.0	.124	.071	.036	.107	.061	.031	.074	.043	.022	.043	.026	.013	.014	.008	.004		

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:0.2397A P:5.7523W PF:1.0000 Freq:50.04Hz Lamp Flux:131.316x1 lm											
NAME: 硬灯条					TYPE:RR18-SUPER-11-40			WEIGHT:			
SPEC.:RR18-SUPER-11-40					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		13.3	14.6	13.6	14.9	15.1	8.4	9.7	8.7	9.9	10.2
	3H	14.8	16.0	15.1	16.2	16.5	9.0	10.2	9.3	10.5	10.7
	4H	15.3	16.5	15.6	16.7	17.0	9.0	10.1	9.3	10.4	10.7
	6H	15.7	16.7	16.0	17.0	17.3	8.9	9.9	9.2	10.2	10.5
	8H	15.8	16.8	16.1	17.1	17.4	8.8	9.9	9.2	10.2	10.5
	12H	15.8	16.8	16.2	17.1	17.4	8.8	9.8	9.1	10.1	10.4
4H	2H	13.2	14.3	13.5	14.6	14.9	8.9	10.0	9.2	10.3	10.6
	3H	14.6	15.7	15.0	16.0	16.3	9.5	10.5	9.9	10.9	11.2
	4H	15.2	16.1	15.6	16.5	16.8	9.5	10.4	9.9	10.8	11.1
	6H	15.6	16.4	16.0	16.8	17.2	9.4	10.2	9.8	10.6	11.0
	8H	15.7	16.5	16.2	16.9	17.3	9.4	10.1	9.8	10.5	10.9
	12H	15.8	16.5	16.2	16.9	17.3	9.3	10.0	9.8	10.4	10.8
8H	4H	15.1	15.8	15.5	16.2	16.6	9.5	10.3	10.0	10.7	11.1
	6H	15.5	16.1	16.0	16.6	17.0	9.5	10.1	9.9	10.5	10.9
	8H	15.6	16.2	16.1	16.6	17.1	9.4	9.9	9.9	10.4	10.9
	12H	15.7	16.2	16.2	16.6	17.1	9.4	9.8	9.9	10.3	10.8
12H	4H	15.1	15.7	15.5	16.1	16.6	9.5	10.2	10.0	10.6	11.0
	6H	15.5	16.0	16.0	16.5	16.9	9.4	10.0	9.9	10.4	10.9
	8H	15.6	16.0	16.1	16.5	17.0	9.4	9.8	9.9	10.3	10.8
Variations with the observer position at spacings:											
S = 1.0H		+ 0.3 / - 0.3					+ 0.9 / - 1.3				
1.5H		+ 0.9 / - 1.1					+ 0.6 / - 1.1				
2.0H		+ 1.9 / - 2.8					+ 1.8 / - 1.9				

CIE Pub.117, 131.3 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -7.1)

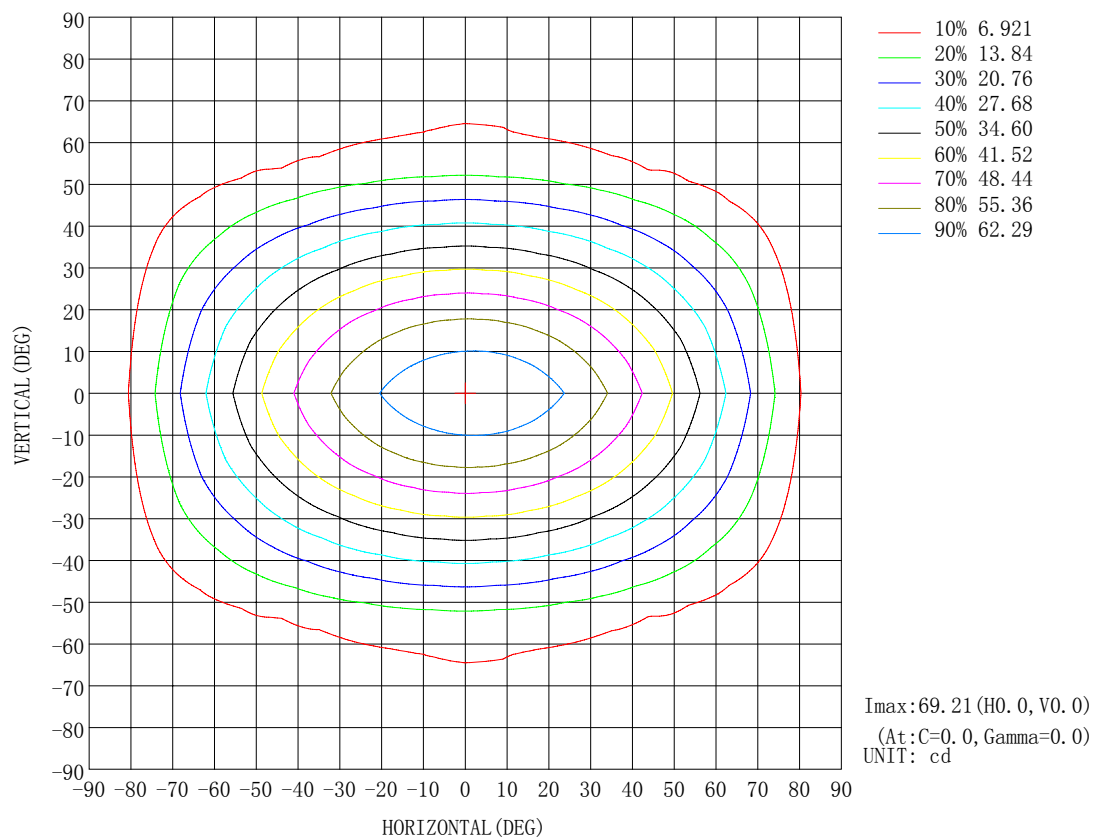
C Range: 0 - 180DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-04-06

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:

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:0.2397A P:5.7523W PF:1.0000 Freq:50.04Hz Lamp Flux:131.316x1 lm		
NAME: 硬灯条	TYPE:RR18-SUPER-11-40	WEIGHT:
SPEC.:RR18-SUPER-11-40	DIM.: 0.1X0.5	SERIAL No.:
MFR.: 乐的美光电	SUR.:0.1X0.5	Shielding Angle:

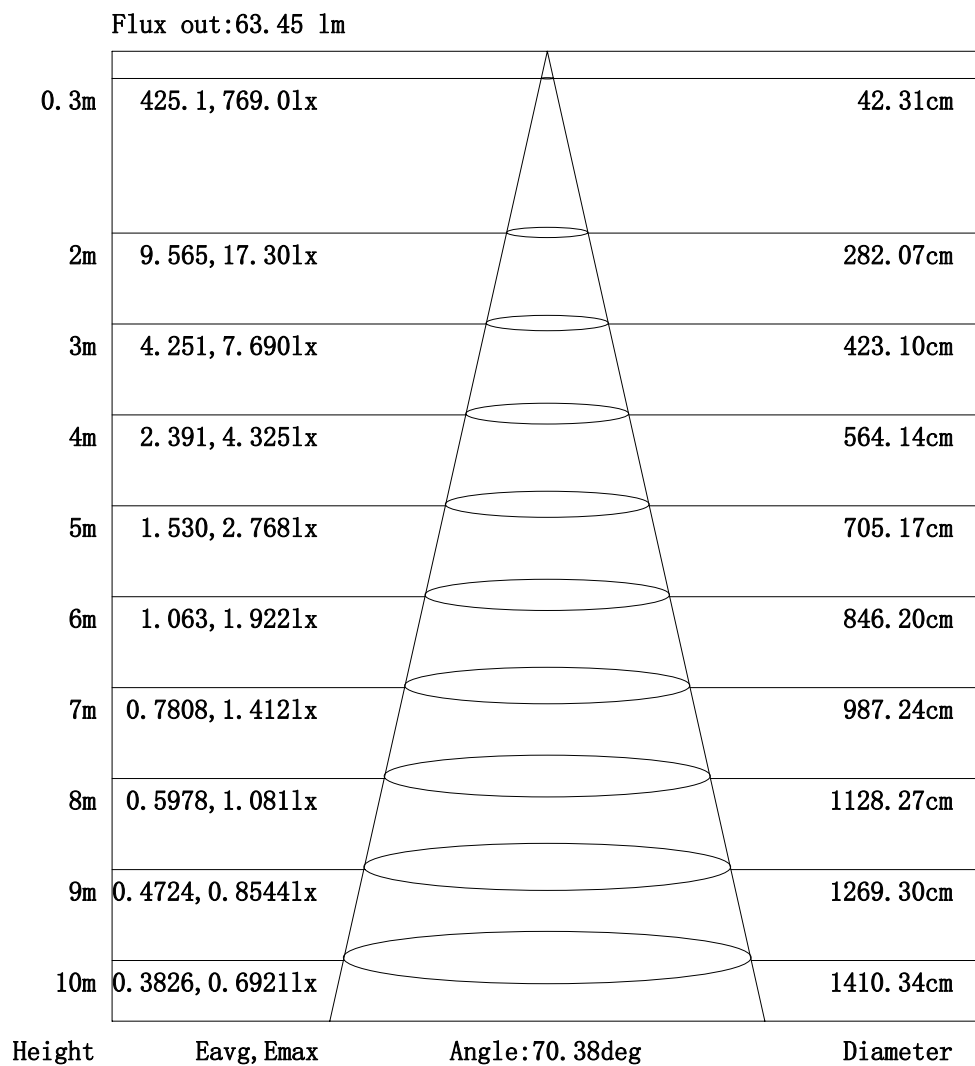


C Range: 0 - 180DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-04-06

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:0.2397A P:5.7523W PF:1.0000 Freq:50.04Hz Lamp Flux:131.316x1 lm		
NAME: 硬灯条	TYPE:RR18-SUPER-11-40	WEIGHT:
SPEC.:RR18-SUPER-11-40	DIM.: 0.1X0.5	SERIAL No.:
MFR.: 乐的美光电	SUR.:0.1X0.5	Shielding Angle:



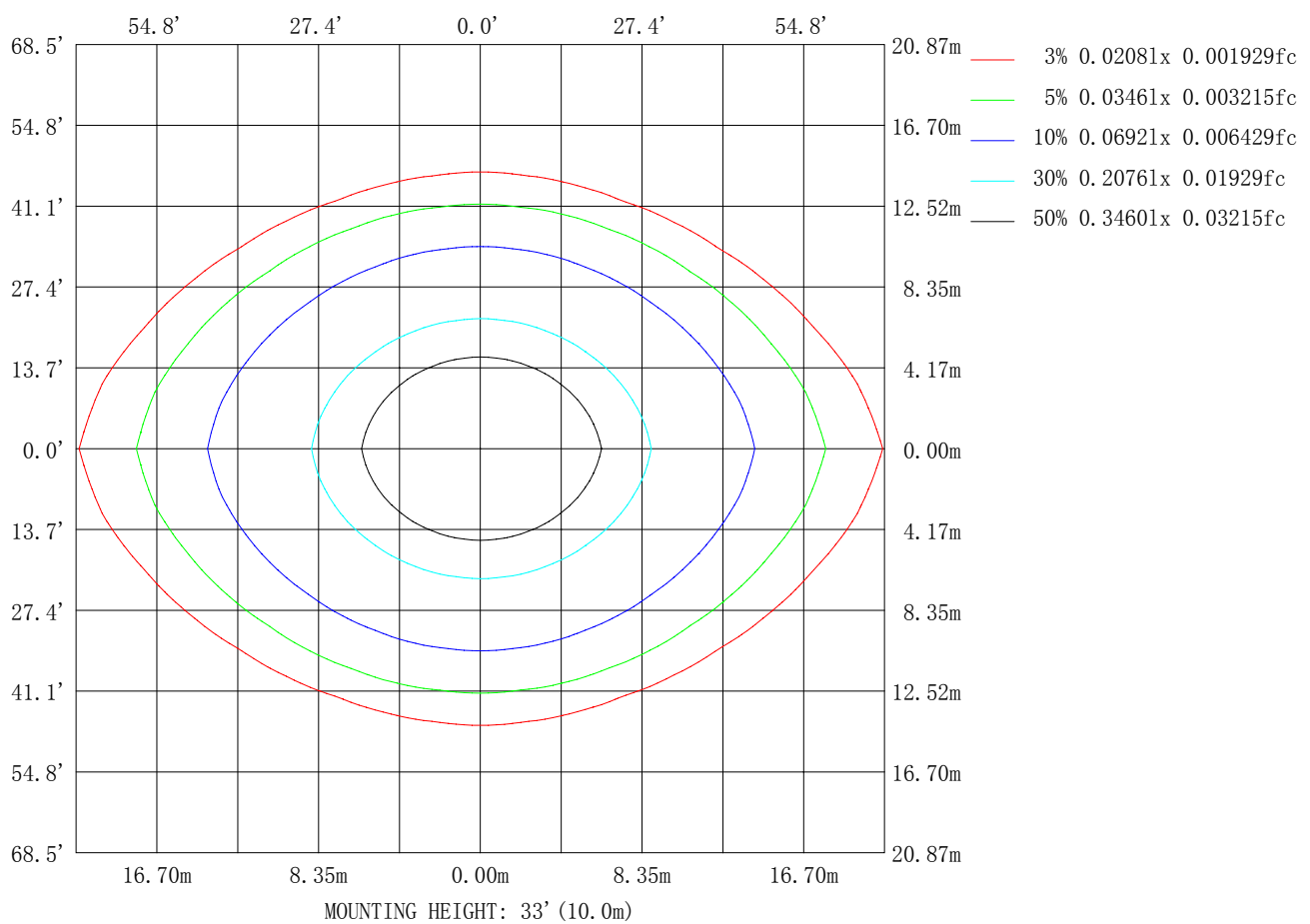
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.2397A P:5.7523W PF:1.0000 Freq:50.04Hz Lamp Flux:131.316x1 lm		
NAME: 硬灯条	TYPE:RR18-SUPER-11-40	WEIGHT:
SPEC.:RR18-SUPER-11-40	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:0.2397A P:5.7523W PF:1.0000 Freq:50.04Hz Lamp Flux:131.316x1 lm		
NAME: 硬灯条	TYPE:RR18-SUPER-11-40	WEIGHT:
SPEC.:RR18-SUPER-11-40	DIM.: 0.1X0.5	SERIAL No.:
MFR.: 乐的美光电	SUR.:0.1X0.5	Shielding Angle:

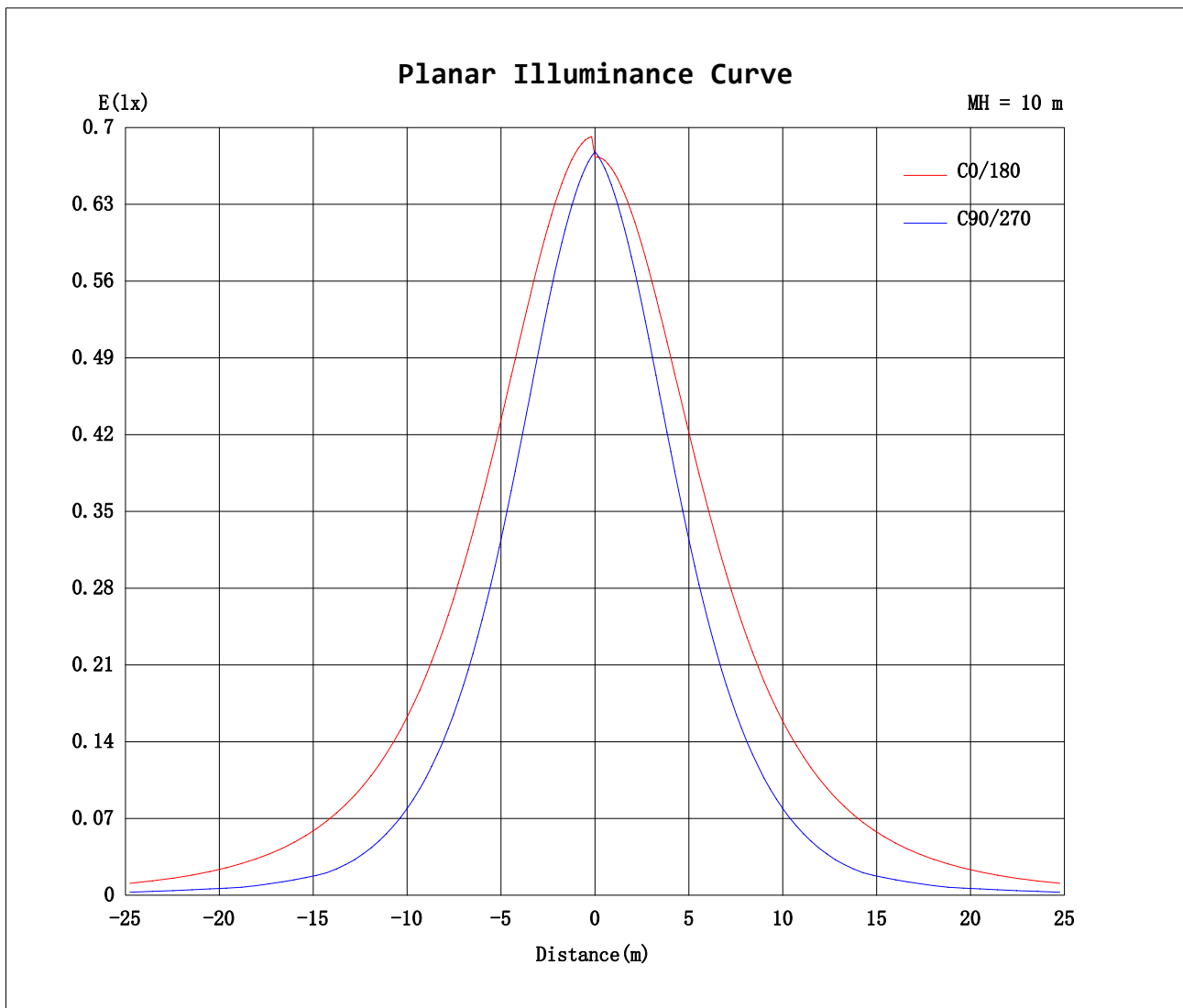
AvgL	cd/m2
L_0~180(65)av	1159
L_0~180(75)av	997
L_0~180(85)av	608
L_90~270(65)av	324
L_90~270(75)av	65
L_90~270(85)av	0
L_45(65)av	293
L_45(75)av	186
L_45(85)av	0

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:0.2397A P:5.7523W PF:1.0000 Freq:50.04Hz Lamp Flux:131.316x1 lm		
NAME: 硬灯条	TYPE:RR18-SUPER-11-40	WEIGHT:
SPEC.:RR18-SUPER-11-40	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	69.2	68.9	68.9	68.5	68.5	68.2	68.3	68.0	68.0	67.8	67.8	67.7	67.7	67.5	67.5	67.4	67.4	67.3	67.3
5	68.9	68.2	67.9	67.2	66.9	66.4	66.2	65.8	65.7	65.5	65.5	65.5	65.7	65.7	66.0	66.2	66.5	66.7	67.1
10	68.0	66.9	66.2	65.2	64.5	63.8	63.3	62.8	62.5	62.3	62.3	62.5	62.8	63.1	63.7	64.2	64.9	65.4	66.1
15	66.4	65.1	63.9	62.6	61.5	60.4	59.4	58.8	58.2	58.1	58.1	58.5	59.0	59.8	60.7	61.6	62.6	63.6	64.6
20	64.2	62.6	61.0	59.3	57.6	56.1	54.7	53.8	53.1	53.0	53.0	53.6	54.4	55.7	56.9	58.4	59.8	61.2	62.5
25	61.5	59.6	57.5	55.3	53.1	51.1	49.4	48.3	47.4	47.2	47.3	48.1	49.1	50.8	52.5	54.6	56.4	58.3	59.9
30	58.3	56.0	53.4	50.8	47.9	45.6	43.5	42.3	41.2	41.1	41.2	42.2	43.4	45.4	47.5	50.2	52.6	54.9	56.8
35	54.6	52.0	48.9	45.6	42.3	39.7	37.4	36.1	35.0	34.8	34.9	36.0	37.3	39.6	42.1	45.2	48.2	51.0	53.3
40	50.5	47.6	43.9	40.1	36.4	33.6	31.2	29.8	28.7	28.6	28.7	29.8	31.1	33.6	36.3	39.9	43.4	46.8	49.3
45	46.0	42.8	38.4	34.2	30.2	27.4	24.9	23.6	22.5	22.4	22.5	23.6	25.0	27.4	30.3	34.2	38.2	42.1	44.9
50	41.1	37.5	32.7	28.2	24.0	21.1	18.7	17.4	16.4	16.3	16.4	17.5	18.8	21.3	24.2	28.3	32.6	37.1	40.2
55	35.9	32.0	26.6	22.0	17.8	15.0	12.7	11.6	11.0	11.0	11.0	11.7	12.9	15.2	18.1	22.2	26.8	31.8	35.2
60	30.4	26.2	20.5	15.9	11.8	9.25	8.45	8.52	8.46	8.49	8.43	8.45	8.33	9.50	12.2	16.2	20.9	26.2	29.9
65	24.6	20.2	14.5	9.98	6.49	6.16	5.80	6.30	6.78	6.85	6.70	6.17	5.73	6.11	6.78	10.5	14.9	20.4	24.4
70	18.7	14.1	8.72	4.82	4.06	4.36	4.41	4.25	4.04	4.11	4.04	4.27	4.41	4.20	4.15	5.25	9.29	14.6	18.7
75	12.8	8.39	3.73	2.60	2.63	2.01	1.42	1.09	0.87	0.85	0.89	1.15	1.52	2.14	2.70	2.67	4.31	9.00	13.0
80	7.26	3.44	1.66	1.02	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	1.19	1.61	4.01	7.53
85	2.51	0.69	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	0.10	0.75	2.79
90	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
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	0.04	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.02	0.00	0.04	0.00
105	0.03	0.11	0.02	0.07	0.00	0.06	0.00	0.06	0.00	0.06	0.00	0.05	0.00	0.05	0.00	0.09	0.03	0.13	0.03
110	0.10	0.19	0.10	0.15	0.09	0.12	0.02	0.11	0.03	0.11	0.03	0.11	0.04	0.13	0.08	0.17	0.11	0.22	0.11
115	0.21	0.28	0.21	0.23	0.12	0.18	0.10	0.17	0.09	0.18	0.10	0.19	0.10	0.20	0.16	0.28	0.21	0.29	0.22
120	0.26	0.35	0.25	0.32	0.22	0.27	0.21	0.25	0.20	0.25	0.19	0.25	0.21	0.30	0.26	0.37	0.33	0.37	0.28
125	0.32	0.43	0.34	0.39	0.33	0.36	0.25	0.34	0.25	0.34	0.26	0.34	0.29	0.41	0.39	0.45	0.37	0.44	0.34
130	0.37	0.48	0.40	0.47	0.37	0.43	0.34	0.42	0.33	0.42	0.34	0.42	0.37	0.51	0.46	0.52	0.44	0.49	0.44
135	0.44	0.54	0.46	0.54	0.45	0.52	0.43	0.50	0.46	0.49	0.44	0.51	0.46	0.60	0.50	0.57	0.48	0.55	0.46
140	0.48	0.60	0.56	0.60	0.54	0.60	0.49	0.58	0.48	0.56	0.48	0.60	0.57	0.66	0.57	0.63	0.57	0.60	0.55
145	0.57	0.66	0.58	0.66	0.59	0.66	0.57	0.64	0.57	0.63	0.57	0.68	0.63	0.72	0.60	0.66	0.57	0.65	0.58
150	0.58	0.70	0.66	0.72	0.65	0.72	0.63	0.69	0.61	0.69	0.63	0.77	0.69	0.76	0.66	0.70	0.60	0.68	0.60
155	0.63	0.75	0.68	0.77	0.69	0.77	0.69	0.75	0.68	0.75	0.70	0.83	0.75	0.78	0.68	0.74	0.66	0.72	0.69
160	0.68	0.78	0.72	0.81	0.73	0.81	0.72	0.79	0.72	0.81	0.78	0.89	0.80	0.83	0.71	0.77	0.69	0.74	0.70
165	0.72	0.82	0.80	0.84	0.80	0.84	0.81	0.85	0.78	0.86	0.81	0.91	0.81	0.84	0.74	0.81	0.72	0.81	0.75
170	0.81	0.88	0.82	0.90	0.82	0.90	0.83	0.90	0.82	0.92	0.86	0.95	0.84	0.89	0.80	0.87	0.80	0.88	0.81
175	0.91	0.94	0.87	0.93	0.87	0.93	0.84	0.93	0.89	0.97	0.93	1.00	0.91	0.96	0.85	0.95	0.89	0.96	0.93
180	0.95	0.96	0.93	0.93	0.93	0.93	0.93	0.93	0.94	0.97	1.02	1.03	0.96	0.96	0.93	0.96	0.95	0.96	0.96

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:0.2397A P:5.7523W PF:1.0000 Freq:50.04Hz Lamp Flux:131.316x1 lm																	
NAME: 硬灯条									TYPE:RR18-SUPER-11-40						WEIGHT:		
SPEC.:RR18-SUPER-11-40									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	67.3	67.4	67.4	67.5	67.5	67.7	67.7	67.8	67.8	68.0	68.0	68.3	68.2	68.5	68.5	68.9	68.9		
5	66.7	66.5	66.2	66.0	65.7	65.7	65.5	65.5	65.5	65.7	65.8	66.2	66.4	66.9	67.2	67.9	68.2		
10	65.4	64.9	64.2	63.7	63.1	62.8	62.5	62.3	62.3	62.5	62.8	63.3	63.8	64.5	65.2	66.2	66.9		
15	63.6	62.6	61.6	60.7	59.8	59.0	58.5	58.1	58.1	58.2	58.8	59.4	60.4	61.5	62.6	63.9	65.1		
20	61.2	59.8	58.4	56.9	55.7	54.4	53.6	53.0	53.0	53.1	53.8	54.7	56.1	57.6	59.3	61.0	62.6		
25	58.3	56.4	54.6	52.5	50.8	49.1	48.1	47.3	47.2	47.4	48.3	49.4	51.1	53.1	55.3	57.5	59.6		
30	54.9	52.6	50.2	47.5	45.4	43.4	42.2	41.2	41.1	41.2	42.3	43.5	45.6	47.9	50.8	53.4	56.0		
35	51.0	48.2	45.2	42.1	39.6	37.3	36.0	34.9	34.8	35.0	36.1	37.4	39.7	42.3	45.6	48.9	52.0		
40	46.8	43.4	39.9	36.3	33.6	31.1	29.8	28.7	28.6	28.7	29.8	31.2	33.6	36.4	40.1	43.9	47.6		
45	42.1	38.2	34.2	30.3	27.4	25.0	23.6	22.5	22.4	22.5	23.6	24.9	27.4	30.2	34.2	38.4	42.8		
50	37.1	32.6	28.3	24.2	21.3	18.8	17.5	16.4	16.3	16.4	17.4	18.7	21.1	24.0	28.2	32.7	37.5		
55	31.8	26.8	22.2	18.1	15.2	12.9	11.7	11.0	11.0	11.0	11.6	12.7	15.0	17.8	22.0	26.6	32.0		
60	26.2	20.9	16.2	12.2	9.50	8.33	8.45	8.43	8.49	8.46	8.52	8.45	9.25	11.8	15.9	20.5	26.2		
65	20.4	14.9	10.5	6.78	6.11	5.73	6.17	6.70	6.85	6.78	6.30	5.80	6.16	6.49	9.98	14.5	20.2		
70	14.6	9.29	5.25	4.15	4.20	4.41	4.27	4.04	4.11	4.04	4.25	4.41	4.36	4.06	4.82	8.72	14.1		
75	9.00	4.31	2.67	2.70	2.14	1.52	1.15	0.89	0.85	0.87	1.09	1.42	2.01	2.63	2.60	3.73	8.39		
80	4.01	1.61	1.19	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	1.02	1.66	3.44		
85	0.75	0.10	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	0.69		
90	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		
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	0.04	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.04		
105	0.13	0.03	0.09	0.00	0.05	0.00	0.05	0.00	0.06	0.00	0.06	0.00	0.06	0.00	0.07	0.02	0.11		
110	0.22	0.11	0.17	0.08	0.13	0.04	0.11	0.03	0.11	0.03	0.11	0.02	0.12	0.09	0.15	0.10	0.19		
115	0.29	0.21	0.28	0.16	0.20	0.10	0.19	0.10	0.18	0.09	0.17	0.10	0.18	0.12	0.23	0.21	0.28		
120	0.37	0.33	0.37	0.26	0.30	0.21	0.25	0.19	0.25	0.20	0.25	0.21	0.27	0.22	0.32	0.25	0.35		
125	0.44	0.37	0.45	0.39	0.41	0.29	0.34	0.26	0.34	0.25	0.34	0.25	0.36	0.33	0.39	0.34	0.43		
130	0.49	0.44	0.52	0.46	0.51	0.37	0.42	0.34	0.42	0.33	0.42	0.34	0.43	0.37	0.47	0.40	0.48		
135	0.55	0.48	0.57	0.50	0.60	0.46	0.51	0.44	0.49	0.46	0.50	0.43	0.52	0.45	0.54	0.46	0.54		
140	0.60	0.57	0.63	0.57	0.66	0.57	0.60	0.48	0.56	0.48	0.58	0.49	0.60	0.54	0.60	0.56	0.60		
145	0.65	0.57	0.66	0.60	0.72	0.63	0.68	0.57	0.63	0.57	0.64	0.57	0.66	0.59	0.66	0.58	0.66		
150	0.68	0.60	0.70	0.66	0.76	0.69	0.77	0.63	0.69	0.61	0.69	0.63	0.72	0.65	0.72	0.66	0.70		
155	0.72	0.66	0.74	0.68	0.78	0.75	0.83	0.70	0.75	0.68	0.75	0.69	0.77	0.69	0.77	0.68	0.75		
160	0.74	0.69	0.77	0.71	0.83	0.80	0.89	0.78	0.81	0.72	0.79	0.72	0.81	0.73	0.81	0.72	0.78		
165	0.81	0.72	0.81	0.74	0.84	0.81	0.91	0.81	0.86	0.78	0.85	0.81	0.84	0.80	0.84	0.80	0.82		
170	0.88	0.80	0.87	0.80	0.89	0.84	0.95	0.86	0.92	0.82	0.90	0.83	0.90	0.82	0.90	0.82	0.88		
175	0.96	0.89	0.95	0.85	0.96	0.91	1.00	0.93	0.97	0.89	0.93	0.84	0.93	0.87	0.93	0.87	0.94		
180	0.96	0.95	0.96	0.93	0.96	0.96	1.03	1.02	0.97	0.94	0.93	0.93	0.93	0.93	0.93	0.93	0.96		

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: