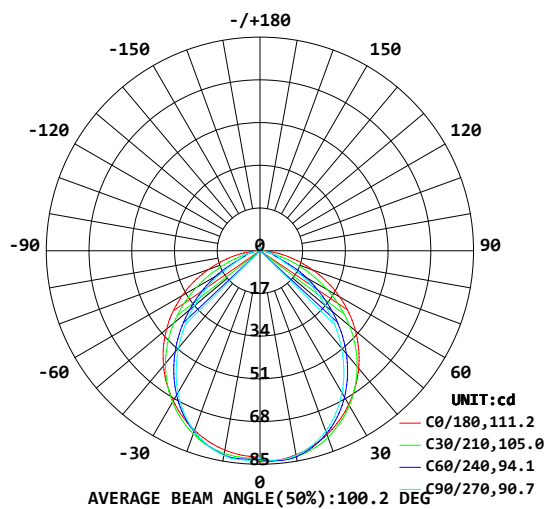


LUMINAIRE PHOTOMETRIC TEST REPORT

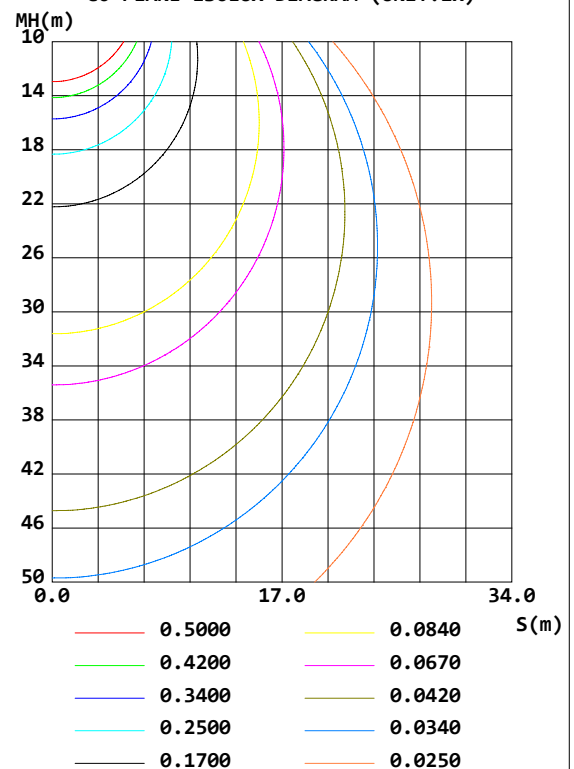
Test:U:23.998V I:0.2410A P:5.7835W PF:1.0000 Freq:50.04Hz Lamp Flux:201.141x1 lm		
NAME: 硬灯条	TYPE:RR20-SUPER-11-30	WEIGHT:
SPEC.:RR20-SUPER-11-30	DIM.: 0.1X0.5	SERIAL No.:
MFR.: 乐的美光电	SUR.:0.1X0.5	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 34.78 lm/W
MODEL	RR20-SUPER-11-30	I _{max} (cd)	83.97	S/MH(C0/180)	1.25	
NOMINAL POWER(W)	5.91	LOR(%)	100.0	S/MH(C90/270)	1.18	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	201.14	h UP,DN(C0-180)	0.5,49.6	
NOMINAL FLUX(lm)	201.141	CIE CLASS	DIRECT	h UP,DN(C180-360)	0.5,49.5	
LAMPS INSIDE	1	h up(%)	0.9	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	24	h down(%)	99.1	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	82.46	83.31	82.70	82.34	80.54	82.34	82.70	83.31	0- 10	7.927	7.927	3.94, 3.94
20	77.89	78.28	76.40	77.15	76.08	77.15	76.40	78.28	10- 20	22.70	30.62	15.2, 15.2
30	70.65	69.30	65.26	68.03	69.03	68.03	65.26	69.30	20- 30	33.76	64.39	32, 32
40	61.11	56.77	50.52	55.38	59.73	55.38	50.52	56.77	30- 40	39.09	103.5	51.4, 51.4
50	49.63	41.64	34.11	40.28	48.56	40.28	34.11	41.64	40- 50	37.78	141.3	70.2, 70.2
60	36.52	25.23	17.86	24.09	35.75	24.09	17.86	25.23	50- 60	30.30	171.6	85.3, 85.3
70	22.41	9.127	7.737	8.299	21.88	8.299	7.737	9.127	60- 70	18.32	189.9	94.4, 94.4
80	9.197	2.921	2.091	2.768	8.847	2.768	2.091	2.921	70- 80	8.098	198.0	98.4, 98.4
90	0.2649	0.0636	0	0.0002	0.1890	0.0002	0	0.0636	80- 90	1.268	199.2	99.1, 99.1
100	0	0.0112	0	0	0	0	0	0.0112	90-100	0.0287	199.3	99.1, 99.1
110	0.2086	0.0336	0	0.0038	0.2009	0.0038	0	0.0336	100-110	0.0348	199.3	99.1, 99.1
120	0.3654	0.1603	0.1120	0.1454	0.3431	0.1454	0.1120	0.1603	110-120	0.1145	199.4	99.1, 99.1
130	0.5591	0.3582	0.2688	0.3508	0.4997	0.3508	0.2688	0.3582	120-130	0.2455	199.7	99.3, 99.3
140	0.6861	0.5668	0.4628	0.5521	0.6190	0.5521	0.4628	0.5668	130-140	0.3510	200.0	99.4, 99.4
150	0.8131	0.7312	0.6568	0.7275	0.7163	0.7275	0.6568	0.7312	140-150	0.3954	200.4	99.6, 99.6
160	0.9102	0.8842	0.8507	0.8432	0.8355	0.8432	0.8507	0.8842	150-160	0.3637	200.8	99.8, 99.8
170	1.044	1.056	1.052	0.9775	0.9772	0.9775	1.052	1.056	160-170	0.2634	201.0	99.9, 99.9
180	1.291	1.186	1.194	1.171	1.164	1.171	1.194	1.186	170-180	0.1038	201.1	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 122.94 lm

%lum = 61.1%

%lamp = 61.1%

Conical surface Flux(120deg): 171.56 lm

%lum = 85.3%

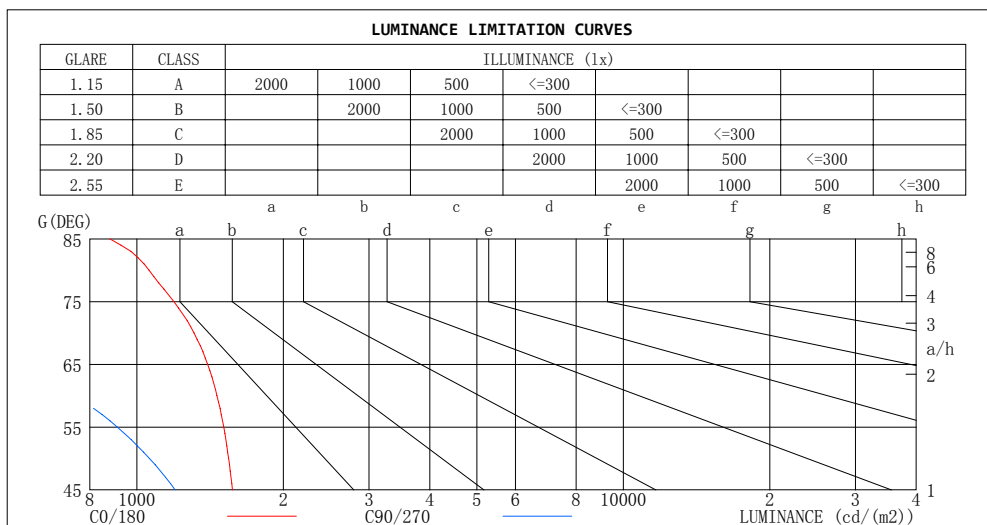
%lamp = 85.3%

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:0.2410A P:5.7835W PF:1.0000 Freq:50.04Hz Lamp Flux:201.141x1 lm		
NAME: 硬灯条	TYPE:RR20-SUPER-11-30	WEIGHT:
SPEC.:RR20-SUPER-11-30	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	880	0
80	1059	241
75	1191	469
70	1310	452
65	1398	493
60	1461	714
55	1508	911
50	1544	1061
45	1572	1199

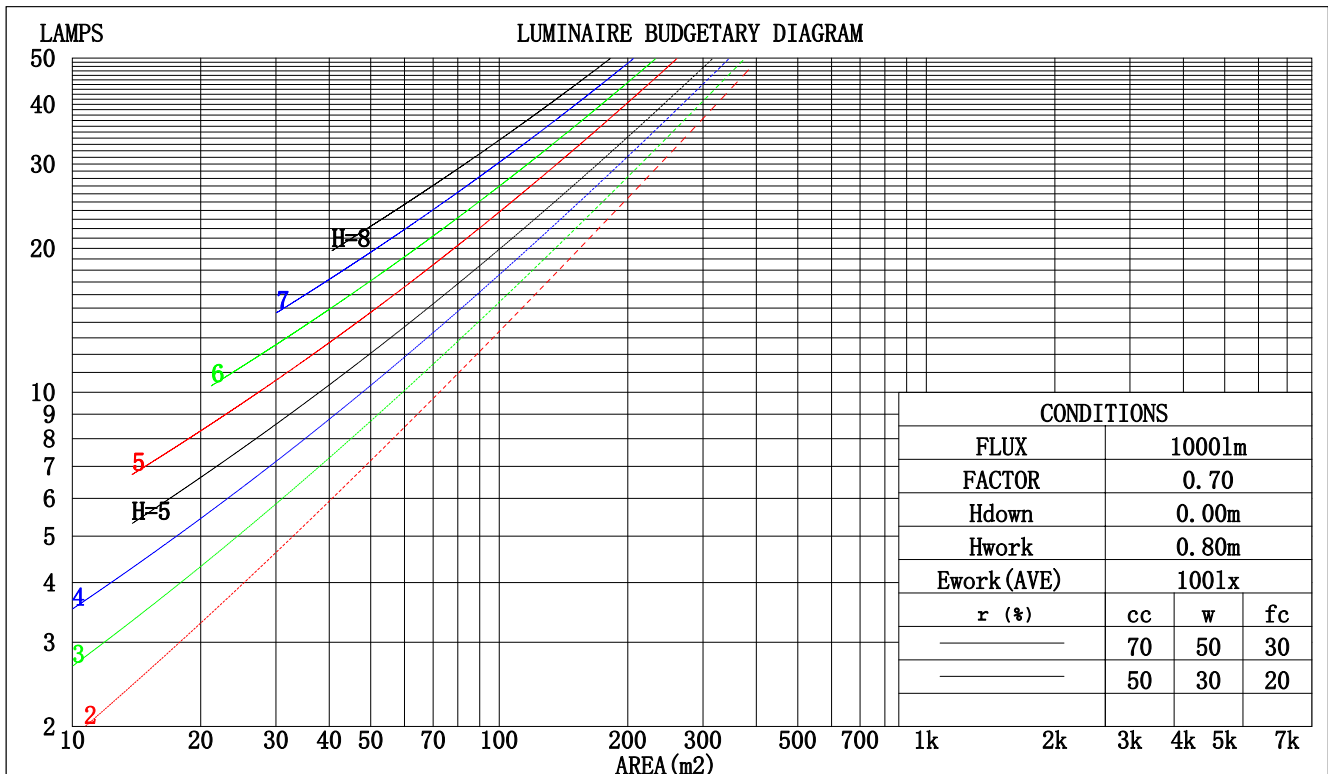
C Range: 0 - 180DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-04-06

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:0.2410A P:5.7835W PF:1.0000 Freq:50.04Hz Lamp Flux:201.141x1 lm		
NAME: 硬灯条	TYPE:RR20-SUPER-11-30	WEIGHT:
SPEC.:RR20-SUPER-11-30	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	1.01	1.01	1.01	.99
1.0	1.06	1.02	.99	1.03	.00	.97	.99	.96	.94	.95	.93	.91	.91	.89	.88	.86
2.0	.93	.87	.82	.91	.86	.81	.88	.83	.79	.84	.81	.77	.81	.78	.75	.73
3.0	.83	.75	.69	.81	.74	.69	.78	.72	.67	.75	.70	.66	.73	.69	.65	.63
4.0	.74	.66	.60	.73	.65	.59	.70	.63	.58	.68	.62	.57	.65	.61	.57	.54
5.0	.66	.58	.52	.65	.57	.52	.63	.56	.51	.61	.55	.50	.59	.54	.50	.48
6.0	.60	.52	.46	.59	.51	.45	.57	.50	.45	.56	.49	.44	.54	.48	.44	.42
7.0	.55	.46	.41	.54	.46	.40	.52	.45	.40	.51	.44	.40	.49	.44	.39	.37
8.0	.50	.42	.36	.49	.42	.36	.48	.41	.36	.47	.40	.36	.45	.40	.35	.34
9.0	.46	.38	.33	.45	.38	.33	.44	.37	.33	.43	.37	.32	.42	.36	.32	.30
10.0	.43	.35	.30	.42	.35	.30	.41	.34	.30	.40	.34	.29	.39	.33	.29	.28



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:0.2410A P:5.7835W PF:1.0000 Freq:50.04Hz Lamp Flux:201.141x1 lm					
NAME: 硬灯条			TYPE:RR20-SUPER-11-30		WEIGHT:
SPEC.:RR20-SUPER-11-30			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	.271	.154	.049	.264	.150	.048	.250	.143	.046	.238	.137	.044	.226	.131	.042	
2.0	.261	.143	.044	.255	.141	.043	.243	.135	.042	.232	.130	.041	.222	.126	.040	
3.0	.246	.131	.039	.241	.129	.039	.230	.125	.038	.220	.121	.037	.211	.117	.036	
4.0	.230	.120	.035	.225	.118	.035	.216	.114	.034	.207	.111	.034	.199	.108	.033	
5.0	.215	.110	.032	.211	.108	.031	.202	.105	.031	.195	.103	.031	.187	.100	.030	
6.0	.201	.101	.029	.197	.100	.029	.190	.097	.028	.183	.095	.028	.176	.093	.028	
7.0	.188	.093	.026	.185	.092	.026	.178	.090	.026	.172	.088	.026	.166	.086	.025	
8.0	.177	.086	.024	.174	.086	.024	.168	.084	.024	.162	.082	.024	.157	.081	.023	
9.0	.167	.081	.022	.164	.080	.022	.158	.078	.022	.153	.077	.022	.148	.075	.022	
10.0	.157	.075	.021	.155	.075	.021	.150	.073	.021	.145	.072	.020	.141	.071	.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	.198	.198	.198	.169	.169	.169	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.185	.164	.145	.158	.141	.125	.108	.097	.086	.062	.056	.050	.020	.018	.016	
2.0	.176	.139	.109	.150	.120	.094	.103	.083	.066	.059	.048	.039	.019	.016	.013	
3.0	.167	.121	.085	.143	.105	.074	.098	.073	.052	.057	.043	.030	.018	.014	.010	
4.0	.160	.108	.069	.137	.093	.060	.094	.065	.042	.054	.038	.025	.018	.012	.008	
5.0	.152	.097	.057	.131	.084	.049	.090	.059	.035	.052	.035	.021	.017	.011	.007	
6.0	.145	.089	.048	.125	.077	.042	.086	.054	.030	.050	.032	.018	.016	.010	.006	
7.0	.139	.082	.042	.119	.071	.037	.083	.050	.026	.048	.029	.015	.015	.010	.005	
8.0	.133	.076	.037	.114	.066	.033	.079	.046	.023	.046	.027	.014	.015	.009	.005	
9.0	.127	.071	.034	.109	.062	.029	.076	.043	.021	.044	.026	.012	.014	.008	.004	
10.0	.122	.067	.031	.105	.058	.027	.073	.041	.019	.042	.024	.011	.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:0.2410A P:5.7835W PF:1.0000 Freq:50.04Hz Lamp Flux:201.14lx1 lm											
NAME: 硬灯条						TYPE:RR20-SUPER-11-30		WEIGHT:			
SPEC.:RR20-SUPER-11-30						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		14.6	16.0	14.9	16.2	16.4	11.8	13.2	12.1	13.4	13.6
	3H	16.1	17.4	16.4	17.7	17.9	12.1	13.4	12.5	13.7	13.9
	4H	16.7	17.9	17.0	18.2	18.5	12.4	13.6	12.7	13.9	14.2
	6H	17.1	18.3	17.4	18.5	18.8	12.5	13.6	12.8	13.9	14.2
	8H	17.2	18.3	17.6	18.6	18.9	12.4	13.5	12.8	13.8	14.1
	12H	17.3	18.3	17.6	18.7	19.0	12.4	13.4	12.7	13.8	14.1
4H	2H	14.7	16.0	15.1	16.2	16.5	12.4	13.6	12.7	13.9	14.1
	3H	16.3	17.4	16.7	17.7	18.0	12.8	13.9	13.2	14.2	14.5
	4H	17.0	18.0	17.4	18.3	18.6	13.1	14.1	13.5	14.4	14.8
	6H	17.5	18.3	17.9	18.7	19.1	13.2	14.1	13.7	14.5	14.8
	8H	17.7	18.5	18.1	18.8	19.2	13.2	14.0	13.6	14.4	14.8
	12H	17.8	18.5	18.2	18.9	19.3	13.2	13.9	13.6	14.3	14.7
8H	4H	16.9	17.7	17.3	18.1	18.5	13.2	14.0	13.7	14.4	14.8
	6H	17.4	18.1	17.9	18.5	19.0	13.4	14.1	13.9	14.5	14.9
	8H	17.6	18.2	18.1	18.7	19.1	13.4	14.0	13.9	14.4	14.9
	12H	17.8	18.3	18.3	18.7	19.2	13.4	13.9	13.9	14.3	14.8
12H	4H	16.9	17.6	17.3	18.0	18.4	13.2	14.0	13.7	14.4	14.8
	6H	17.4	18.0	17.9	18.4	18.9	13.4	14.0	13.9	14.4	14.9
	8H	17.6	18.1	18.1	18.6	19.1	13.4	13.9	13.9	14.4	14.9
Variations with the observer position at spacings:											
S = 1.0H	+ 0.3 / - 0.4					+ 0.5 / - 0.6					
1.5H	+ 0.2 / - 0.5					+ 0.2 / - 0.5					
2.0H	+ 0.5 / - 0.6					+ 0.7 / - 1.4					

CIE Pub.117, 201.1 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -5.6)

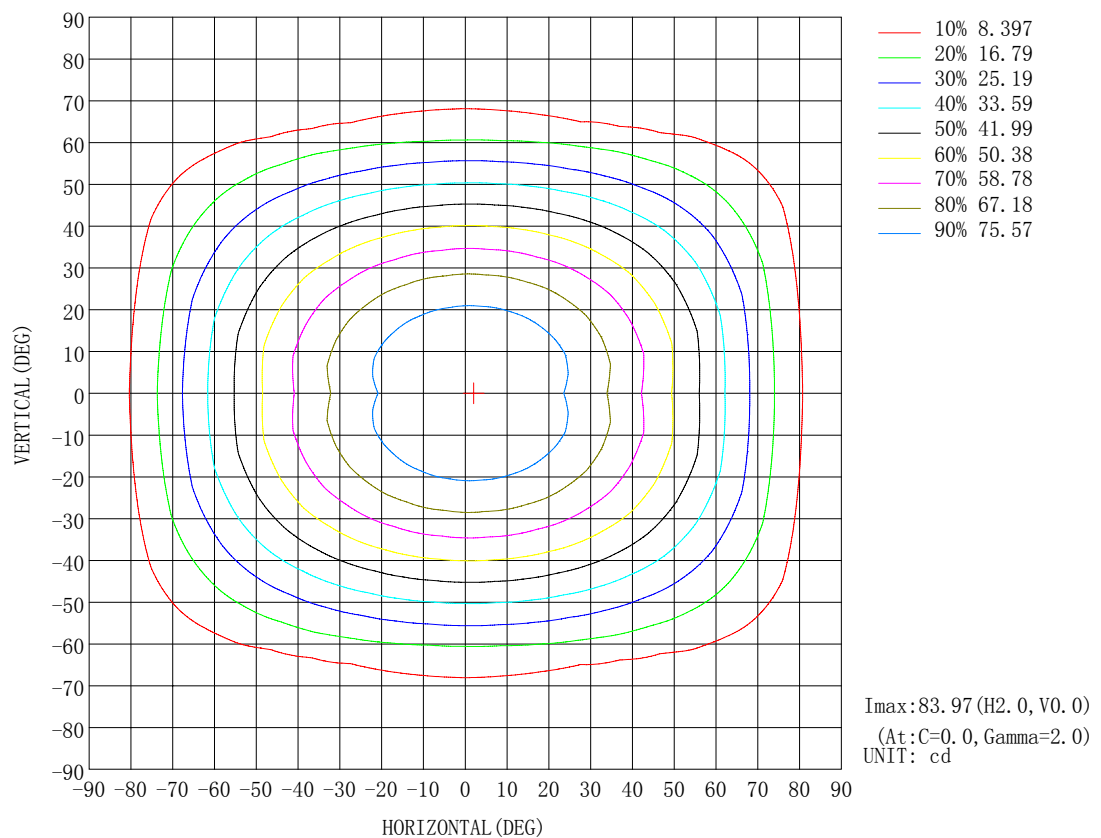
C Range: 0 - 180DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-04-06

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:0.2410A P:5.7835W PF:1.0000 Freq:50.04Hz Lamp Flux:201.141x1 lm		
NAME: 硬灯条	TYPE:RR20-SUPER-11-30	WEIGHT:
SPEC.:RR20-SUPER-11-30	DIM.: 0.1X0.5	SERIAL No.:
MFR.: 乐的美光电	SUR.:0.1X0.5	Shielding Angle:

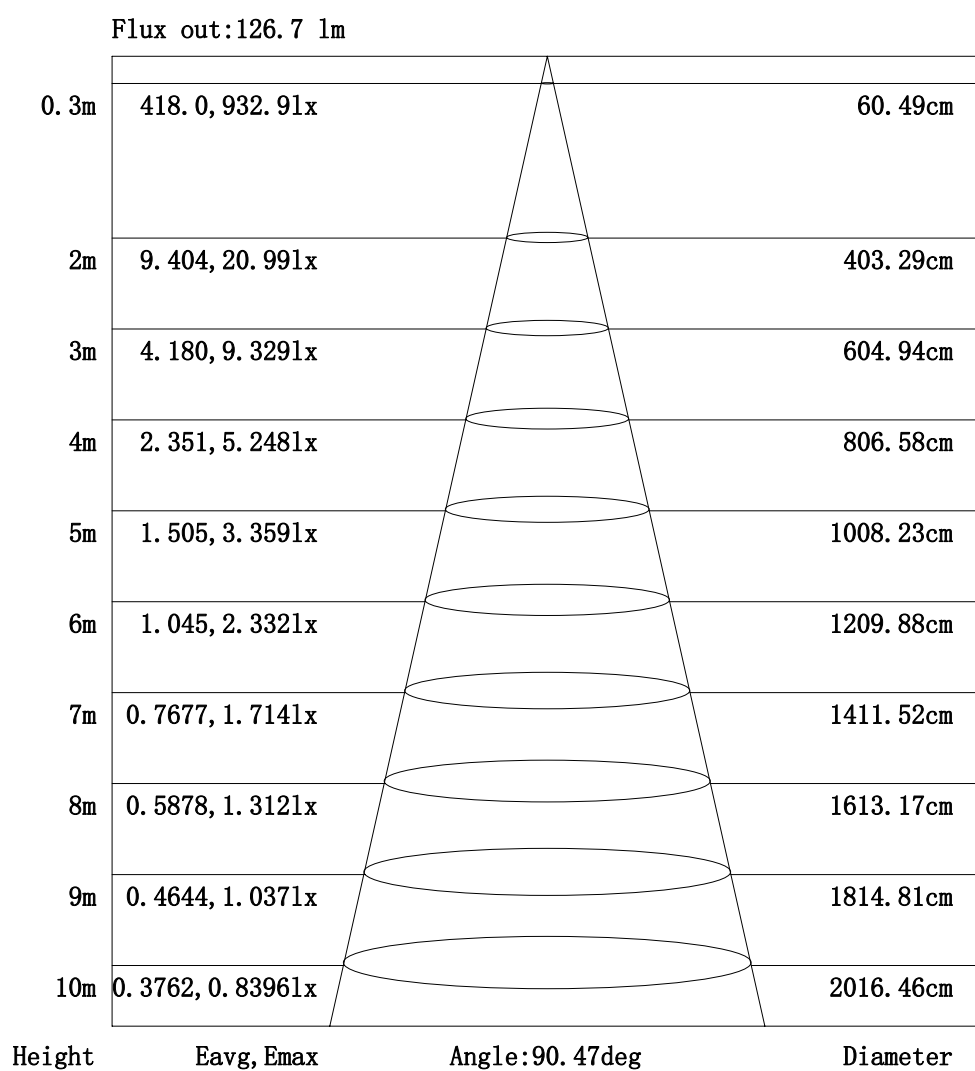


C Range: 0 - 180DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2018-04-06

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:0.2410A P:5.7835W PF:1.0000 Freq:50.04Hz Lamp Flux:201.14lx1 lm		
NAME: 硬灯条	TYPE:RR20-SUPER-11-30	WEIGHT:
SPEC.:RR20-SUPER-11-30	DIM.: 0.1X0.5	SERIAL No.:
MFR.: 乐的美光电	SUR.:0.1X0.5	Shielding Angle:



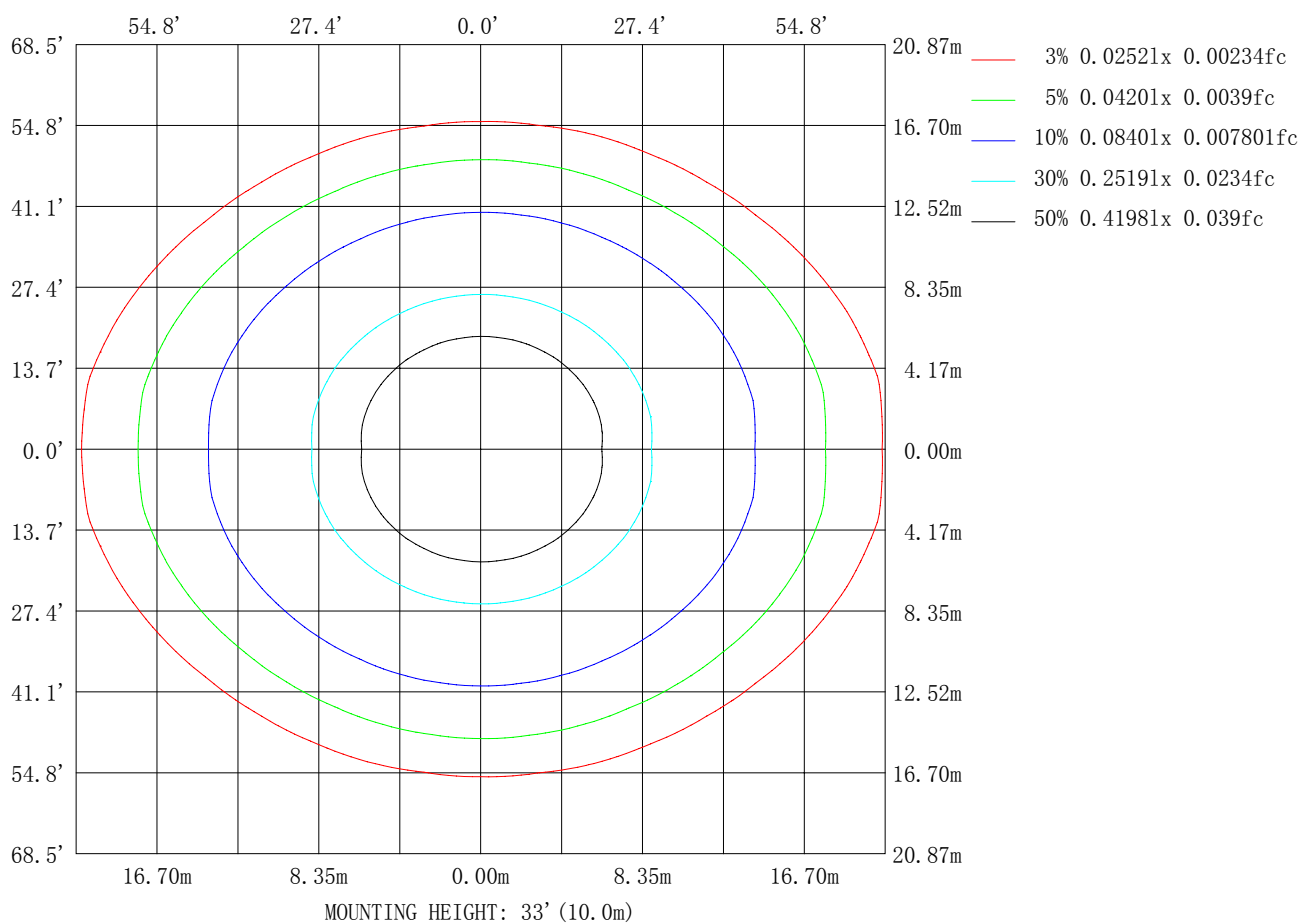
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.2410A P:5.7835W PF:1.0000 Freq:50.04Hz Lamp Flux:201.141x1 lm		
NAME: 硬灯条	TYPE:RR20-SUPER-11-30	WEIGHT:
SPEC.:RR20-SUPER-11-30	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:0.2410A P:5.7835W PF:1.0000 Freq:50.04Hz Lamp Flux:201.141x1 lm		
NAME: 硬灯条	TYPE:RR20-SUPER-11-30	WEIGHT:
SPEC.:RR20-SUPER-11-30	DIM.: 0.1X0.5	SERIAL No.:
MFR.: 乐的美光电	SUR.:0.1X0.5	Shielding Angle:

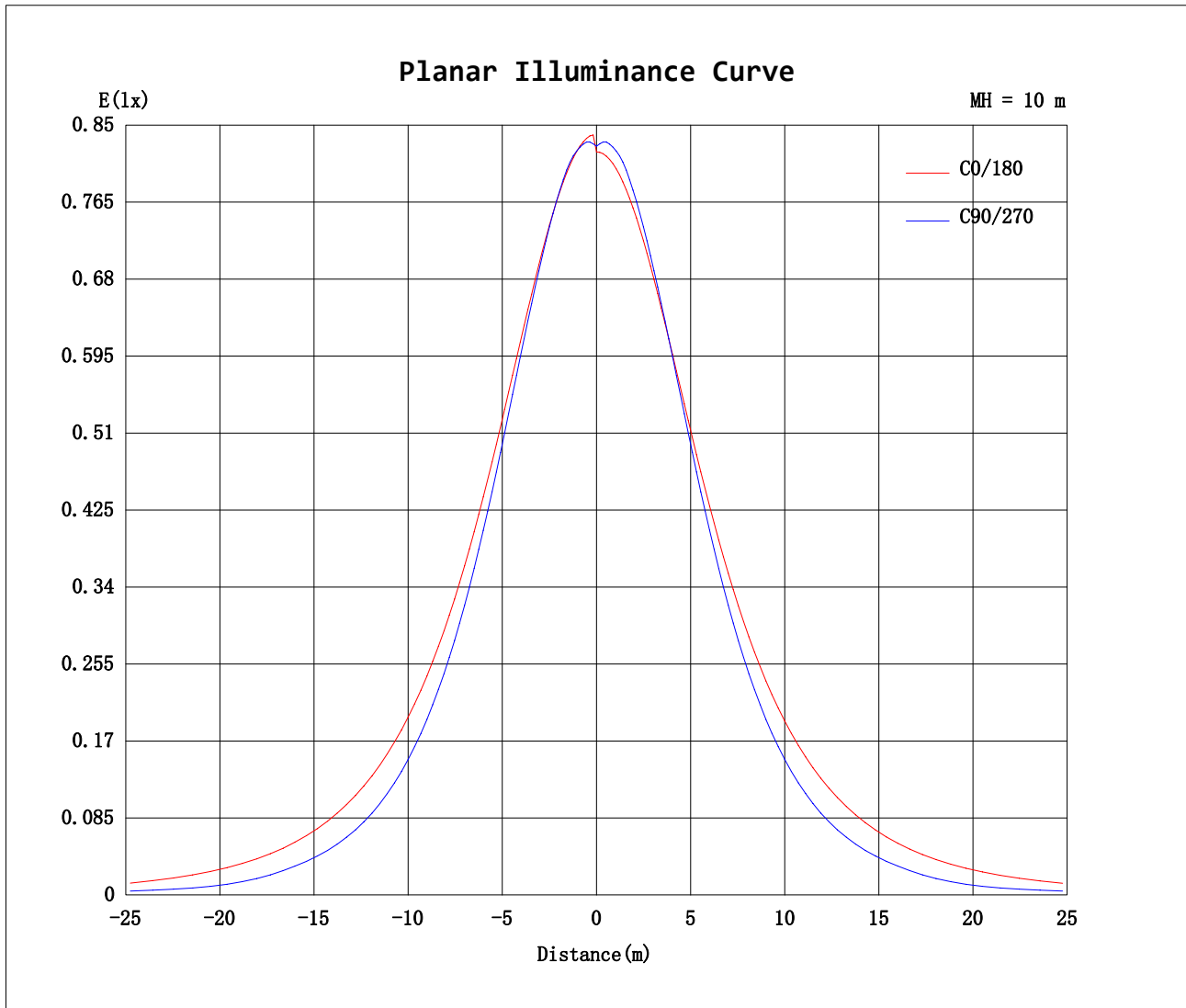
AvgL	cd/m2
L_0~180(65)av	1383
L_0~180(75)av	1178
L_0~180(85)av	818
L_90~270(65)av	493
L_90~270(75)av	469
L_90~270(85)av	0
L_45(65)av	790
L_45(75)av	345
L_45(85)av	60

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:0.2410A P:5.7835W PF:1.0000 Freq:50.04Hz Lamp Flux:201.141x1 lm		
NAME: 硬灯条	TYPE:RR20-SUPER-11-30	WEIGHT:
SPEC.:RR20-SUPER-11-30	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	84.0	83.7	83.7	83.4	83.3	83.1	83.1	82.9	82.9	82.7	82.7	82.5	82.4	82.3	82.3	82.2	82.2	82.0	82.0
5	83.6	83.5	83.8	83.8	83.9	83.8	83.8	83.7	83.7	83.5	83.4	83.3	83.2	82.9	82.8	82.6	82.3	81.9	81.7
10	82.5	82.7	83.1	83.1	83.4	83.2	83.3	83.0	82.9	82.7	82.7	82.6	82.6	82.4	82.3	81.9	81.6	81.1	80.5
15	80.5	81.1	81.5	81.6	81.6	81.2	80.9	80.6	80.3	80.2	80.1	80.1	80.2	80.2	80.4	80.3	80.0	79.5	78.7
20	77.9	78.7	79.2	79.0	78.6	78.0	77.4	77.0	76.6	76.4	76.3	76.5	76.7	77.0	77.3	77.6	77.6	77.1	76.1
25	74.6	75.6	76.0	75.4	74.7	73.9	72.9	72.2	71.6	71.4	71.3	71.7	72.0	72.8	73.3	74.0	74.3	74.0	72.9
30	70.6	71.8	71.9	71.1	69.9	68.7	67.3	66.4	65.4	65.3	65.1	65.8	66.4	67.6	68.5	69.6	70.1	70.3	69.0
35	66.1	67.5	67.1	66.0	64.3	62.6	60.7	59.6	58.5	58.2	58.2	58.9	59.8	61.4	62.8	64.4	65.4	65.9	64.6
40	61.1	62.6	61.7	60.2	57.8	55.7	53.5	52.0	50.9	50.5	50.6	51.4	52.6	54.5	56.3	58.5	59.9	61.0	59.7
45	55.6	57.1	55.7	53.7	50.7	48.2	45.7	44.0	42.8	42.4	42.5	43.4	44.8	46.9	49.2	52.0	54.0	55.4	54.4
50	49.6	51.0	49.2	46.5	43.2	40.1	37.5	35.7	34.5	34.1	34.2	35.2	36.6	38.9	41.6	44.8	47.4	49.3	48.6
55	43.3	44.4	42.1	38.9	35.1	31.9	29.2	27.5	26.4	26.1	26.2	27.1	28.4	30.8	33.6	37.2	40.3	42.8	42.3
60	36.5	37.5	34.7	30.9	26.8	23.7	21.2	19.8	18.2	17.9	18.0	19.3	20.6	22.7	25.5	29.2	32.9	35.9	35.8
65	29.5	30.1	26.9	22.7	18.7	15.8	12.6	11.1	10.4	10.4	10.3	10.8	12.0	14.8	17.6	21.2	25.1	28.6	28.9
70	22.4	22.7	18.9	14.9	10.7	7.56	7.00	7.04	7.58	7.74	7.63	7.06	6.93	7.10	9.49	13.5	17.2	21.1	21.9
75	15.4	15.3	11.3	7.23	4.62	4.77	5.50	5.84	5.94	6.08	5.95	5.87	5.54	4.84	4.33	5.91	9.81	13.8	15.1
80	9.20	8.47	4.48	2.94	3.06	2.78	2.37	2.22	2.04	2.09	2.04	2.21	2.34	2.67	2.87	2.68	3.15	7.11	8.85
85	3.83	2.79	1.69	1.03	0.54	0.17	0.16	0.03	0.10	0.00	0.09	0.03	0.13	0.09	0.35	0.70	1.19	1.49	3.30
90	0.26	0.33	0.31	0.13	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.08	0.19
95	0.02	0.10	0.13	0.06	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
100	0.00	0.10	0.08	0.06	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
105	0.09	0.13	0.08	0.08	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.10
110	0.21	0.22	0.09	0.14	0.02	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.08	0.09	0.20	0.20
115	0.29	0.33	0.19	0.20	0.08	0.11	0.00	0.04	0.00	0.04	0.00	0.04	0.00	0.08	0.03	0.17	0.16	0.29	0.25
120	0.37	0.41	0.27	0.28	0.15	0.17	0.08	0.11	0.03	0.11	0.01	0.11	0.06	0.16	0.13	0.28	0.25	0.38	0.34
125	0.45	0.50	0.35	0.38	0.22	0.27	0.13	0.20	0.10	0.18	0.09	0.19	0.13	0.26	0.23	0.37	0.33	0.46	0.45
130	0.56	0.58	0.45	0.46	0.35	0.37	0.23	0.28	0.22	0.27	0.20	0.28	0.22	0.37	0.34	0.46	0.44	0.54	0.50
135	0.59	0.66	0.54	0.56	0.44	0.46	0.34	0.40	0.31	0.36	0.30	0.37	0.33	0.48	0.44	0.54	0.49	0.61	0.56
140	0.69	0.73	0.60	0.66	0.57	0.57	0.45	0.50	0.39	0.46	0.37	0.48	0.45	0.58	0.52	0.63	0.57	0.67	0.62
145	0.71	0.80	0.69	0.74	0.66	0.67	0.57	0.59	0.48	0.55	0.48	0.58	0.57	0.67	0.60	0.69	0.62	0.72	0.69
150	0.81	0.88	0.80	0.82	0.71	0.75	0.63	0.69	0.57	0.66	0.58	0.70	0.67	0.75	0.70	0.74	0.68	0.76	0.72
155	0.83	0.93	0.84	0.90	0.80	0.84	0.72	0.78	0.69	0.75	0.69	0.82	0.78	0.84	0.72	0.80	0.72	0.83	0.80
160	0.91	0.99	0.93	0.96	0.85	0.92	0.81	0.86	0.78	0.85	0.81	0.91	0.84	0.89	0.80	0.86	0.80	0.87	0.84
165	0.95	1.04	0.96	1.04	0.93	0.99	0.92	0.95	0.85	0.95	0.89	1.00	0.93	0.96	0.84	0.92	0.82	0.93	0.92
170	1.04	1.13	1.04	1.13	1.03	1.08	0.97	1.05	0.96	1.05	0.98	1.08	1.00	1.03	0.93	1.00	0.92	1.01	0.98
175	1.16	1.21	1.16	1.19	1.10	1.16	1.07	1.14	1.05	1.16	1.10	1.19	1.07	1.12	1.04	1.09	1.04	1.12	1.06
180	1.29	1.28	1.20	1.22	1.19	1.19	1.16	1.19	1.18	1.19	1.24	1.26	1.16	1.19	1.16	1.19	1.18	1.18	1.16

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:0.2410A P:5.7835W PF:1.0000 Freq:50.04Hz Lamp Flux:201.141x1 lm																	
NAME: 硬灯条									TYPE:RR20-SUPER-11-30						WEIGHT:		
SPEC.:RR20-SUPER-11-30									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	82.0	82.2	82.2	82.3	82.3	82.4	82.5	82.7	82.7	82.9	82.9	83.1	83.1	83.3	83.4	83.7	83.7		
5	81.9	82.3	82.6	82.8	82.9	83.2	83.3	83.4	83.5	83.7	83.7	83.8	83.8	83.9	83.8	83.8	83.5		
10	81.1	81.6	81.9	82.3	82.4	82.6	82.6	82.7	82.7	82.9	83.0	83.3	83.2	83.4	83.1	83.1	82.7		
15	79.5	80.0	80.3	80.4	80.2	80.2	80.1	80.1	80.2	80.3	80.6	80.9	81.2	81.6	81.6	81.5	81.1		
20	77.1	77.6	77.6	77.3	77.0	76.7	76.5	76.3	76.4	76.6	77.0	77.4	78.0	78.6	79.0	79.2	78.7		
25	74.0	74.3	74.0	73.3	72.8	72.0	71.7	71.3	71.4	71.6	72.2	72.9	73.9	74.7	75.4	76.0	75.6		
30	70.3	70.1	69.6	68.5	67.6	66.4	65.8	65.1	65.3	65.4	66.4	67.3	68.7	69.9	71.1	71.9	71.8		
35	65.9	65.4	64.4	62.8	61.4	59.8	58.9	58.2	58.2	58.5	59.6	60.7	62.6	64.3	66.0	67.1	67.5		
40	61.0	59.9	58.5	56.3	54.5	52.6	51.4	50.6	50.5	50.9	52.0	53.5	55.7	57.8	60.2	61.7	62.6		
45	55.4	54.0	52.0	49.2	46.9	44.8	43.4	42.5	42.4	42.8	44.0	45.7	48.2	50.7	53.7	55.7	57.1		
50	49.3	47.4	44.8	41.6	38.9	36.6	35.2	34.2	34.1	34.5	35.7	37.5	40.1	43.2	46.5	49.2	51.0		
55	42.8	40.3	37.2	33.6	30.8	28.4	27.1	26.2	26.1	26.4	27.5	29.2	31.9	35.1	38.9	42.1	44.4		
60	35.9	32.9	29.2	25.5	22.7	20.6	19.3	18.0	17.9	18.2	19.8	21.2	23.7	26.8	30.9	34.7	37.5		
65	28.6	25.1	21.2	17.6	14.8	12.0	10.8	10.3	10.4	10.4	11.1	12.6	15.8	18.7	22.7	26.9	30.1		
70	21.1	17.2	13.5	9.49	7.10	6.93	7.06	7.63	7.74	7.58	7.04	7.00	7.56	10.7	14.9	18.9	22.7		
75	13.8	9.81	5.91	4.33	4.84	5.54	5.87	5.95	6.08	5.94	5.84	5.50	4.77	4.62	7.23	11.3	15.3		
80	7.11	3.15	2.68	2.87	2.67	2.34	2.21	2.04	2.09	2.04	2.22	2.37	2.78	3.06	2.94	4.48	8.47		
85	1.49	1.19	0.70	0.35	0.09	0.13	0.03	0.09	0.00	0.10	0.03	0.16	0.17	0.54	1.03	1.69	2.79		
90	0.08	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.13	0.31	0.33		
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	0.04	0.06	0.13	0.10		
100	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	0.02	0.06	0.08	0.10		
105	0.11	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.08	0.08	0.13		
110	0.20	0.09	0.08	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.02	0.14	0.09	0.22		
115	0.29	0.16	0.17	0.03	0.08	0.00	0.04	0.00	0.04	0.00	0.04	0.00	0.11	0.08	0.20	0.19	0.33		
120	0.38	0.25	0.28	0.13	0.16	0.06	0.11	0.01	0.11	0.03	0.11	0.08	0.17	0.15	0.28	0.27	0.41		
125	0.46	0.33	0.37	0.23	0.26	0.13	0.19	0.09	0.18	0.10	0.20	0.13	0.27	0.22	0.38	0.35	0.50		
130	0.54	0.44	0.46	0.34	0.37	0.22	0.28	0.20	0.27	0.22	0.28	0.23	0.37	0.35	0.46	0.45	0.58		
135	0.61	0.49	0.54	0.44	0.48	0.33	0.37	0.30	0.36	0.31	0.40	0.34	0.46	0.44	0.56	0.54	0.66		
140	0.67	0.57	0.63	0.52	0.58	0.45	0.48	0.37	0.46	0.39	0.50	0.45	0.57	0.57	0.66	0.60	0.73		
145	0.72	0.62	0.69	0.60	0.67	0.57	0.58	0.48	0.55	0.48	0.59	0.57	0.67	0.66	0.74	0.69	0.80		
150	0.76	0.68	0.74	0.70	0.75	0.67	0.70	0.58	0.66	0.57	0.69	0.63	0.75	0.71	0.82	0.80	0.88		
155	0.83	0.72	0.80	0.72	0.84	0.78	0.82	0.69	0.75	0.69	0.78	0.72	0.84	0.80	0.90	0.84	0.93		
160	0.87	0.80	0.86	0.80	0.89	0.84	0.91	0.81	0.85	0.78	0.86	0.81	0.92	0.85	0.96	0.93	0.99		
165	0.93	0.82	0.92	0.84	0.96	0.93	1.00	0.89	0.95	0.85	0.95	0.92	0.99	0.93	1.04	0.96	1.04		
170	1.01	0.92	1.00	0.93	1.03	1.00	1.08	0.98	1.05	0.96	1.05	0.97	1.08	1.03	1.13	1.04	1.13		
175	1.12	1.04	1.09	1.04	1.12	1.07	1.19	1.10	1.16	1.05	1.14	1.07	1.16	1.10	1.19	1.16	1.21		
180	1.18	1.18	1.19	1.16	1.19	1.16	1.26	1.24	1.19	1.18	1.19	1.16	1.19	1.19	1.22	1.20	1.28		

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: