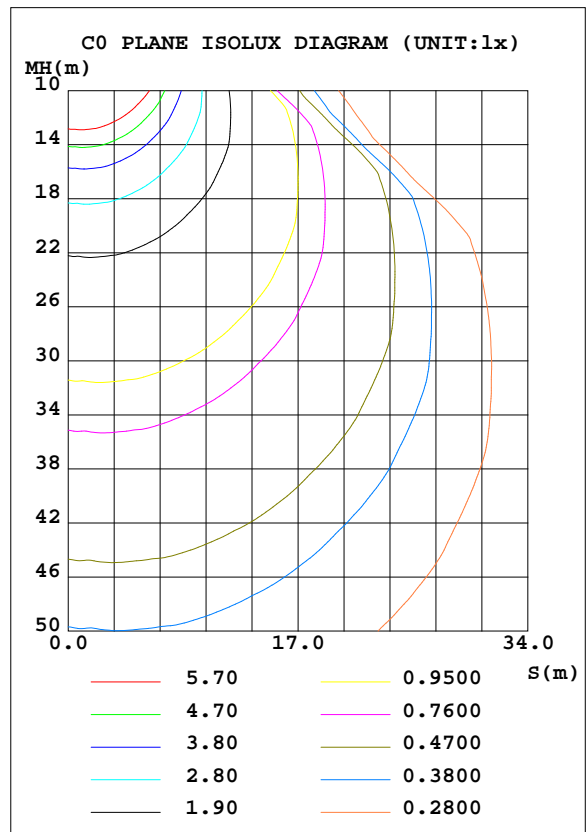
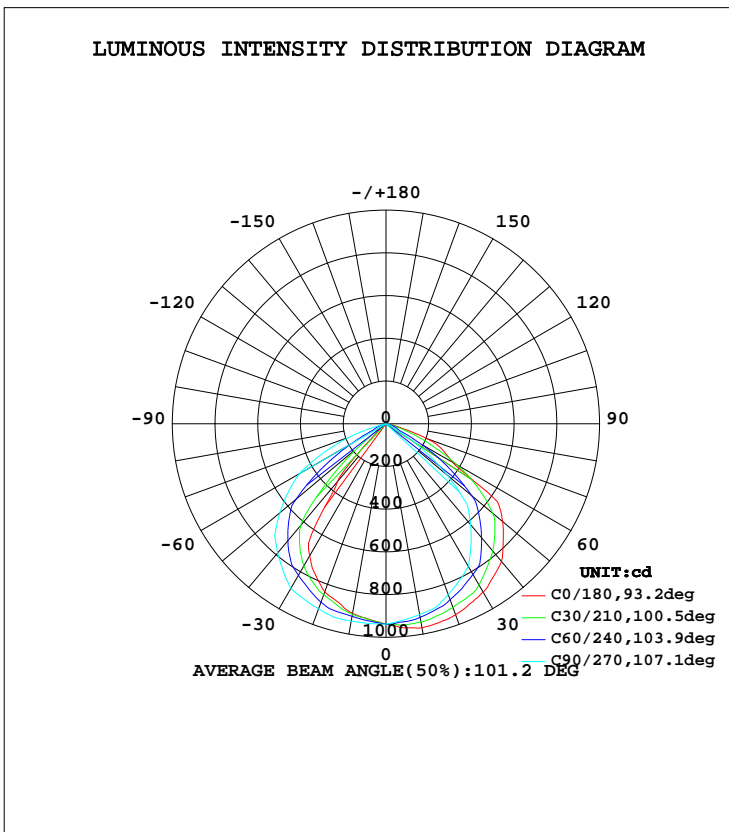


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.9V I:0.1752A P:19.98W PF:0.9511 Lamp Flux:2140.36x1 lm		
NAME: 二代双头咖啡色安全灯 可调光	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.: HLE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 107.11 lm/W			
MODEL	SQ-TRA70-20W 3000K	Imax(cd)	969.6	S/MH(C0/180)	1.06
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	1.38
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2140.4	η UP, DN(C0-180)	0.0,43.0
NOMINAL FLUX(lm)	2140.36	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,57.0
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	100.0	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:27.3DEG  
 Operators:QC  
 Test Date:2018-06-30

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:10.382m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	#lum,lamp
5	958.7	939.1	922.7	914.0	918.5	923.1	938.1	953.3	0- 5	22.34	22.34	1.04,1.04
10	969.6	929.2	907.2	890.4	901.3	911.0	938.1	963.9	5- 10	66.46	88.80	4.15,4.15
15	963.4	916.1	891.8	867.4	864.8	896.1	938.1	966.3	10- 15	109.0	197.8	9.24,9.24
20	951.4	899.7	851.6	836.7	837.4	872.0	922.5	965.6	15- 20	148.4	346.1	16.2,16.2
25	929.7	872.3	811.4	772.6	781.5	836.6	906.9	945.7	20- 25	182.9	529.1	24.7,24.7
30	910.0	841.3	771.2	678.8	714.1	791.2	891.3	922.3	25- 30	211.4	740.5	34.6,34.6
35	875.6	801.8	693.8	507.7	565.6	738.4	839.9	893.7	30- 35	230.2	970.7	45.4,45.4
40	841.6	751.1	616.4	338.5	355.2	675.9	788.5	860.8	35- 40	232.7	1203	56.2,56.2
45	775.7	671.2	538.9	218.2	95.67	564.1	737.1	805.7	40- 45	222.2	1426	66.6,66.6
50	713.0	591.5	373.6	94.39	34.68	400.1	647.8	744.6	45- 50	198.8	1624	75.9,75.9
55	637.5	501.7	208.4	19.96	17.90	161.4	558.4	680.2	50- 55	170.9	1795	83.9,83.9
60	361.4	322.8	43.08	11.27	6.345	58.85	469.1	562.1	55- 60	135.9	1931	90.2,90.2
65	294.0	151.7	30.93	4.874	0.5870	27.49	323.8	427.4	60- 65	96.63	2028	94.7,94.7
70	204.4	51.96	18.77	1.637	0.5266	13.67	178.6	284.1	65- 70	63.85	2092	97.7,97.7
75	63.07	33.10	6.620	0.9268	0.5124	6.762	33.33	152.6	70- 75	33.46	2125	99.3,99.3
80	27.89	14.30	0	0.4605	0.4982	1.545	0	38.21	75- 80	11.72	2137	99.8,99.8
85	15.33	0	0	0	0.4769	0	0	0	80- 85	2.930	2140	100,100
90	10.00	0	0	0	0.2251	0	0	0	85- 90	0.5104	2140	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

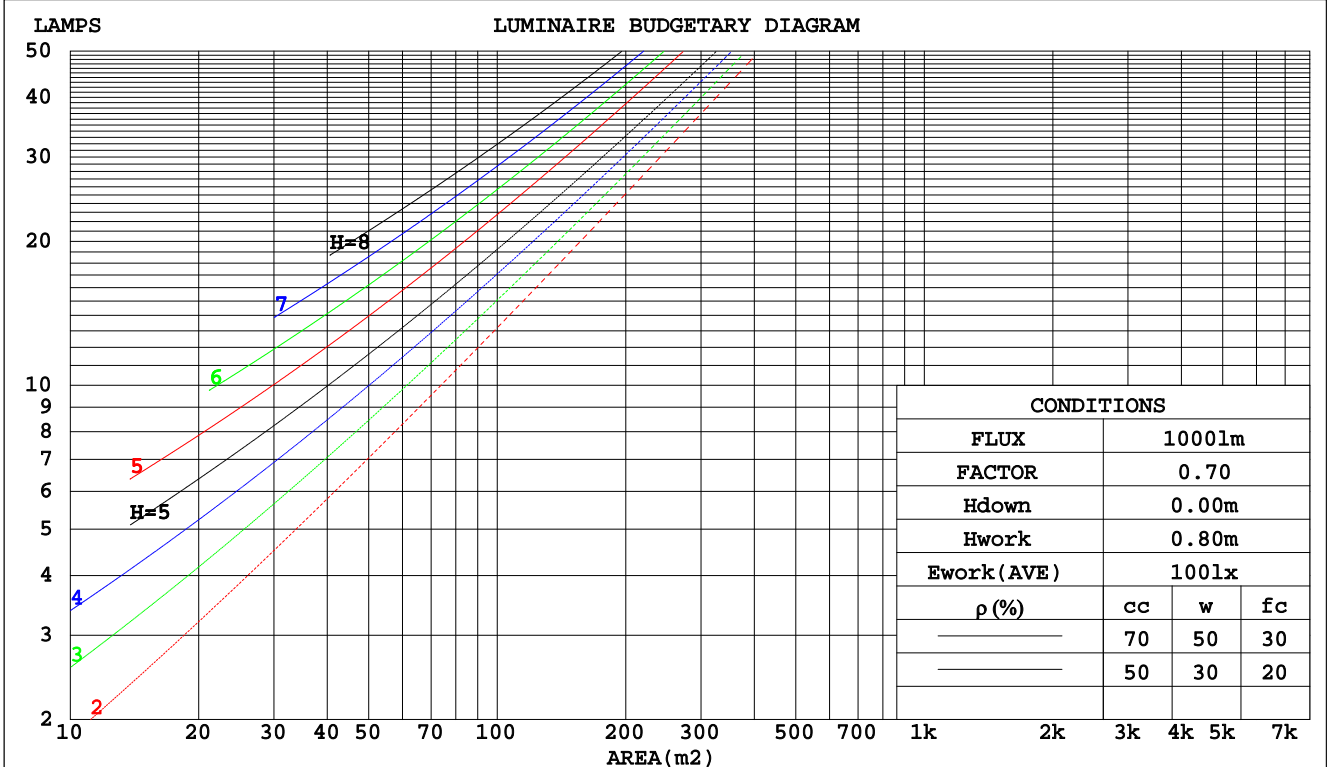
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:27.3DEG  
 Operators:QC  
 Test Date:2018-06-30

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:10.382m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.9V I:0.1752A P:19.98W PF:0.9511 Lamp Flux:2140.36x1 lm		
NAME: 二代双头咖啡色安全灯 可调光	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.: HLE	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	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	1.00
1.0	1.07	1.03	1.00	1.05	1.02	.99	1.01	.98	.96	.97	.95	.93	.93	.92	.90	.88
2.0	.95	.90	.85	.93	.88	.84	.90	.86	.82	.87	.83	.80	.84	.81	.78	.76
3.0	.85	.78	.72	.84	.77	.72	.81	.75	.70	.78	.73	.69	.76	.72	.68	.66
4.0	.76	.68	.62	.75	.68	.62	.73	.66	.61	.70	.65	.60	.68	.64	.60	.58
5.0	.69	.61	.55	.68	.60	.54	.66	.59	.54	.64	.58	.53	.62	.57	.53	.51
6.0	.62	.54	.48	.61	.54	.48	.60	.53	.48	.58	.52	.47	.57	.51	.47	.45
7.0	.57	.49	.43	.56	.48	.43	.55	.48	.43	.53	.47	.42	.52	.46	.42	.40
8.0	.52	.44	.39	.51	.44	.39	.50	.43	.38	.49	.43	.38	.48	.42	.38	.36
9.0	.48	.40	.35	.47	.40	.35	.46	.39	.35	.45	.39	.35	.44	.39	.34	.33
10.0	.44	.37	.32	.44	.37	.32	.43	.36	.32	.42	.36	.32	.41	.35	.31	.30



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:27.3DEG  
 Operators:QC  
 Test Date:2018-06-30

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:10.382m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:119.9V I:0.1752A P:19.98W PF:0.9511 Lamp Flux:2140.36x1 lm		
NAME: 二代双头咖啡色安全灯 可调光	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.: HLE	SUR.:	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.250	.142	.045	.244	.139	.044	.231	.132	.042	.219	.126	.040	.208	.120	.039	
2.0	.245	.134	.041	.239	.132	.041	.228	.127	.039	.218	.122	.038	.208	.118	.037	
3.0	.233	.124	.037	.228	.122	.037	.218	.118	.036	.209	.115	.035	.201	.111	.034	
4.0	.220	.114	.034	.216	.113	.033	.207	.110	.033	.199	.107	.032	.191	.104	.032	
5.0	.207	.106	.031	.203	.104	.030	.195	.102	.030	.188	.099	.029	.181	.097	.029	
6.0	.195	.098	.028	.191	.096	.028	.184	.094	.027	.178	.092	.027	.172	.090	.027	
7.0	.183	.091	.026	.180	.090	.026	.174	.088	.025	.168	.086	.025	.162	.084	.025	
8.0	.173	.084	.024	.170	.084	.024	.164	.082	.023	.159	.081	.023	.154	.079	.023	
9.0	.163	.079	.022	.160	.078	.022	.155	.077	.022	.151	.076	.022	.146	.074	.021	
10.0	.154	.074	.021	.152	.073	.020	.147	.072	.020	.143	.071	.020	.139	.070	.020	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.176	.157	.139	.151	.134	.120	.103	.093	.083	.059	.054	.048	.019	.017	.016	
2.0	.166	.132	.104	.142	.114	.090	.097	.079	.062	.056	.046	.037	.018	.015	.012	
3.0	.157	.114	.079	.135	.098	.069	.093	.068	.048	.054	.040	.028	.017	.013	.009	
4.0	.150	.100	.063	.128	.087	.054	.088	.060	.038	.051	.035	.023	.016	.012	.007	
5.0	.143	.090	.051	.122	.078	.044	.084	.054	.031	.049	.032	.018	.016	.010	.006	
6.0	.136	.081	.042	.117	.070	.036	.081	.049	.026	.047	.029	.015	.015	.009	.005	
7.0	.130	.074	.035	.111	.064	.031	.077	.045	.022	.045	.027	.013	.014	.009	.004	
8.0	.124	.068	.030	.106	.059	.026	.074	.042	.019	.043	.025	.011	.014	.008	.004	
9.0	.118	.063	.026	.102	.055	.023	.070	.039	.016	.041	.023	.010	.013	.007	.003	
10.0	.113	.059	.023	.097	.051	.020	.067	.036	.015	.039	.021	.009	.013	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:27.3DEG  
 Operators:QC  
 Test Date:2018-06-30

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:10.382m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.9V I:0.1752A P:19.98W PF:0.9511 Lamp Flux:2140.36x1 lm										
NAME: 二代双头咖啡色安全灯 可调光					TYPE:			WEIGHT:		
SPEC.:3000K					DIM.:			SERIAL No.:		
MFR.: HLE					SUR.:			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	29.5	30.9	29.8	31.1	31.3	25.8	27.2	26.1	27.4	27.6
3H	30.2	31.4	30.4	31.6	31.9	25.7	27.0	26.0	27.2	27.4
4H	30.2	31.4	30.5	31.6	31.8	25.6	26.8	25.9	27.1	27.3
6H	30.1	31.2	30.4	31.5	31.8	25.5	26.6	25.8	26.9	27.2
8H	30.1	31.1	30.4	31.4	31.7	25.5	26.5	25.8	26.8	27.1
12H	30.0	31.1	30.4	31.4	31.6	25.4	26.4	25.8	26.7	27.0
4H 2H	29.6	30.7	29.9	31.0	31.2	26.4	27.6	26.7	27.9	28.1
3H	30.2	31.2	30.6	31.5	31.8	26.4	27.4	26.7	27.7	28.0
4H	30.3	31.2	30.6	31.5	31.8	26.3	27.2	26.7	27.5	27.9
6H	30.2	31.0	30.6	31.4	31.7	26.2	27.0	26.6	27.4	27.7
8H	30.2	31.0	30.6	31.3	31.7	26.2	26.9	26.6	27.3	27.6
12H	30.2	30.9	30.6	31.3	31.7	26.1	26.8	26.5	27.2	27.6
8H 4H	30.1	30.9	30.5	31.3	31.6	26.3	27.0	26.7	27.4	27.8
6H	30.1	30.8	30.6	31.2	31.6	26.2	26.8	26.6	27.2	27.6
8H	30.1	30.7	30.6	31.1	31.5	26.1	26.7	26.6	27.1	27.6
12H	30.1	30.6	30.6	31.0	31.5	26.1	26.6	26.6	27.0	27.5
12H 4H	30.1	30.8	30.5	31.2	31.6	26.2	26.9	26.7	27.3	27.7
6H	30.1	30.6	30.6	31.1	31.5	26.2	26.7	26.6	27.1	27.6
8H	30.1	30.6	30.6	31.0	31.5	26.1	26.6	26.6	27.0	27.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.3					+ 1.3 / - 1.9				
1.5H	+ 0.7 / - 1.0					+ 1.1 / - 1.2				
2.0H	+ 1.3 / - 1.6					+ 2.5 / - 8.9				

CIE Pub.117 Corrected 2140 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.6)

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:27.3DEG  
Operators:QC  
Test Date:2018-06-30

γ Range: 0 - 90DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:10.382m [K=1.0000]  
Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.9V I:0.1752A P:19.98W PF:0.9511 Lamp Flux:2140.36x1 lm		
NAME: 二代双头咖啡色安全灯 可调光	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.: HLE	SUR.:	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) x RCR = 5									
k = 0.60	64	53	47	63	53	47	62	53	47	41
0.80	74	64	57	73	64	57	72	63	57	51
1.00	83	73	67	82	73	67	79	73	66	60
1.25	89	81	75	88	80	74	86	79	73	67
1.50	94	86	80	92	85	79	90	83	78	72
2.00	100	93	88	98	92	87	95	90	85	79
2.50	103	97	92	101	95	91	98	93	89	82
3.00	106	100	96	104	99	95	100	96	93	85
4.00	109	105	101	107	103	99	103	100	97	89
5.00	111	107	104	109	105	102	104	102	99	91
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:27.3DEG  
 Operators:QC  
 Test Date:2018-06-30

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:10.382m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:119.9V I:0.1752A P:19.98W PF:0.9511 Lamp Flux:2140.36x1 lm		
NAME: 二代双头咖啡色安全灯 可调光	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.: HLE	SUR.:	Shielding Angle:

Conical surface Flux(90deg):

1425.6 lm

%lum = 66.6%

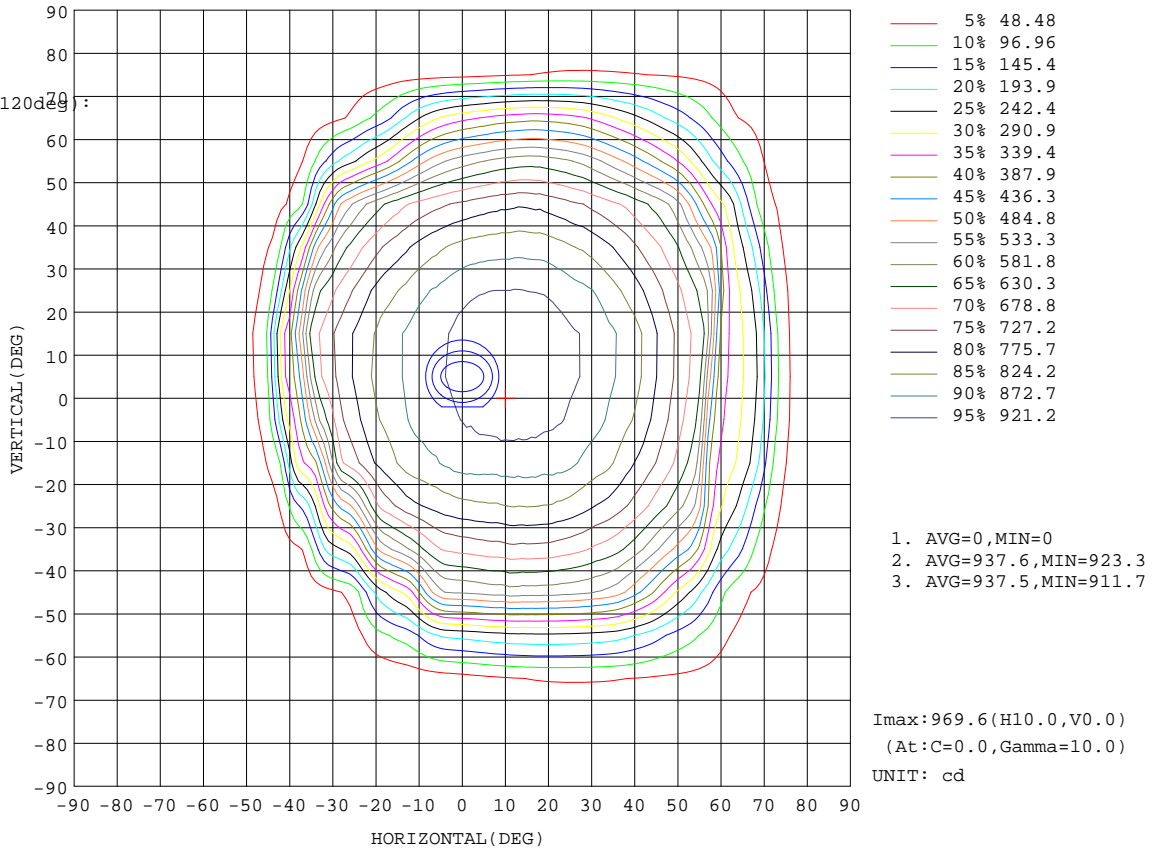
%lamp = 66.6%

Conical surface Flux(120deg):

1931.3 lm

%lum = 90.2%

%lamp = 90.2%

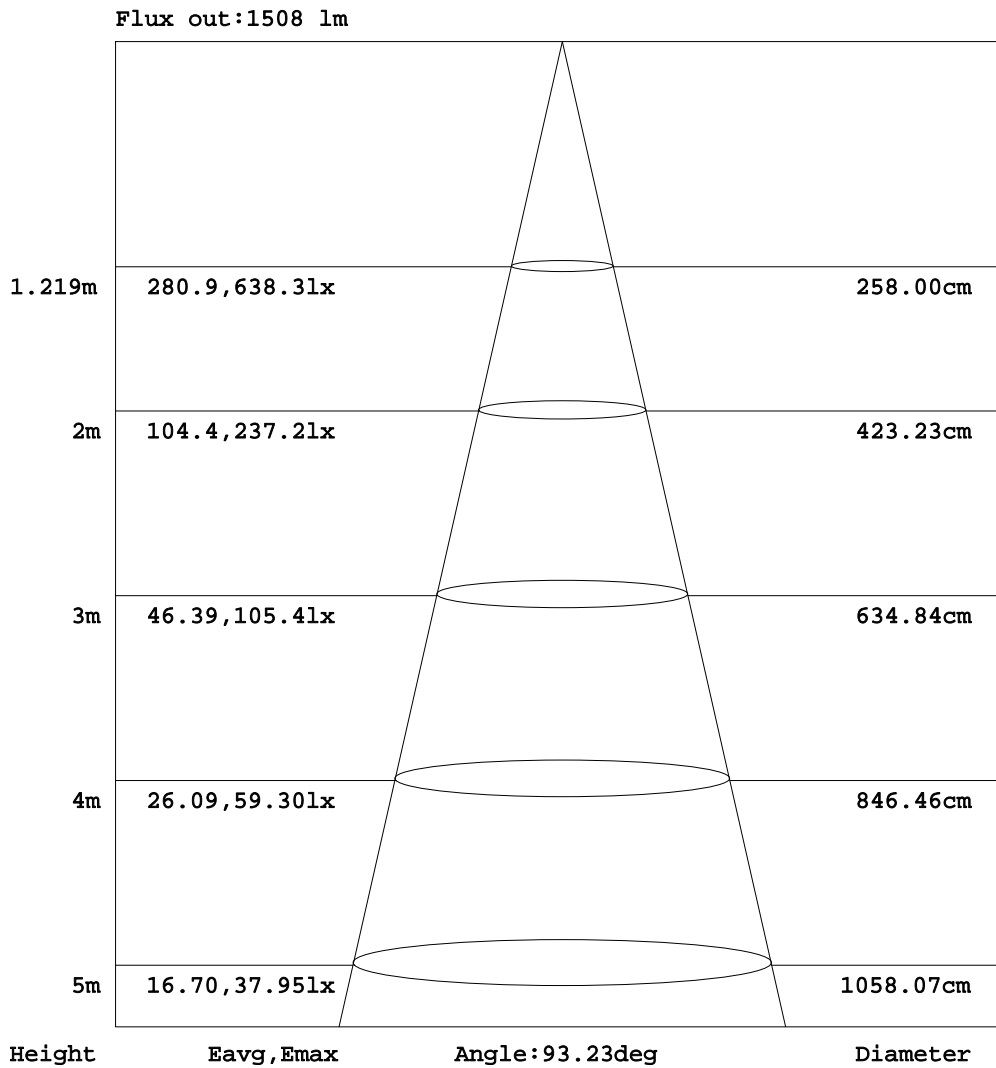


C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:27.3DEG  
Operators:QC  
Test Date:2018-06-30

γ Range: 0 - 90DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:10.382m [K=1.0000]  
Remarks:

AAI Figure

Test:U:119.9V I:0.1752A P:19.98W PF:0.9511 Lamp Flux:2140.36x1 lm		
NAME: 二代双头咖啡色安全灯 可调光	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.: HLE	SUR.:	Shielding Angle:



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

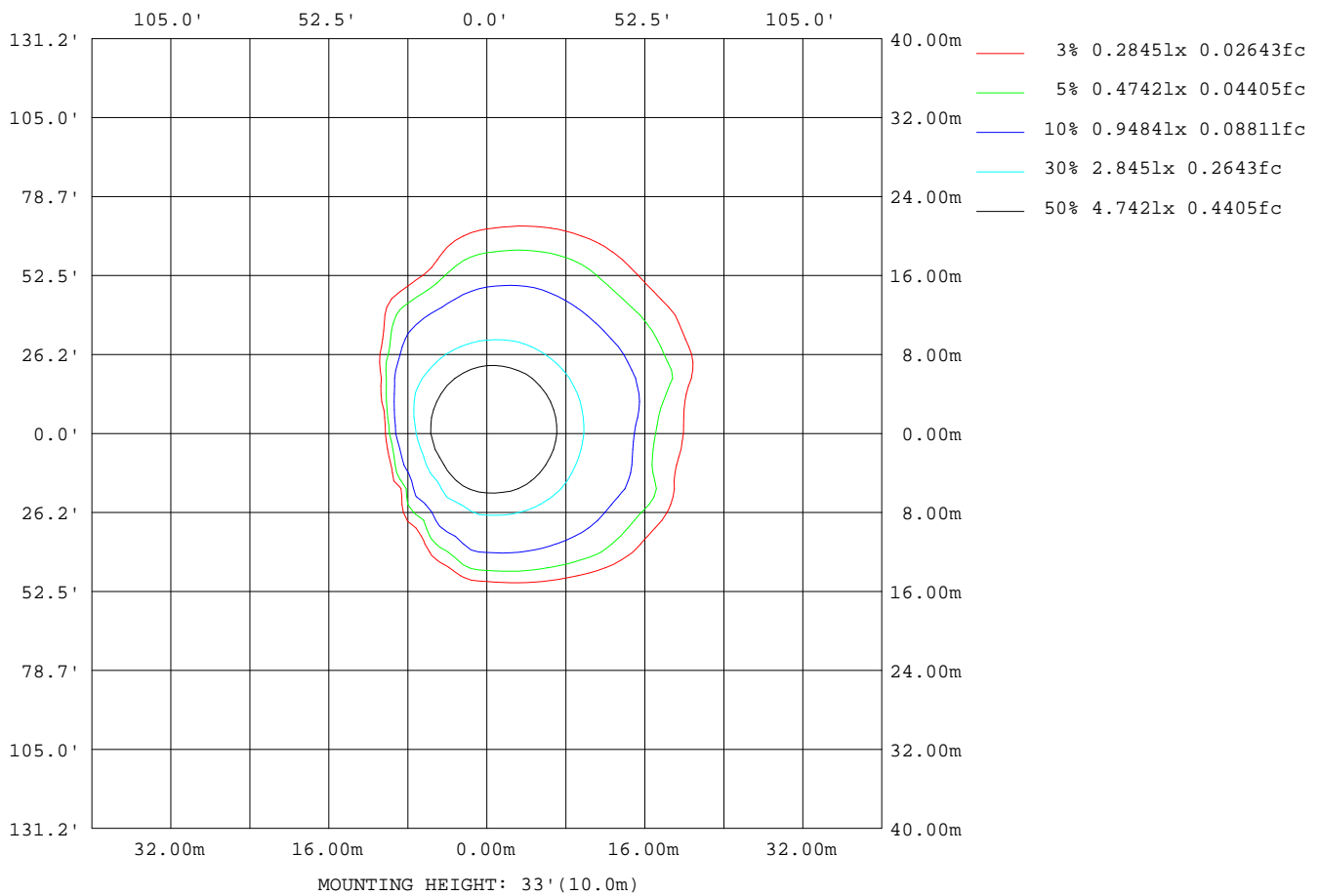
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:27.3DEG  
 Operators:QC  
 Test Date:2018-06-30

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:10.382m [K=1.0000]  
 Remarks:



ISOLUX DIAGRAM

Test:U:119.9V I:0.1752A P:19.98W PF:0.9511 Lamp Flux:2140.36x1 lm		
NAME: 二代双头咖啡色安全灯 可调光	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.: HLE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:27.3DEG  
 Operators:QC  
 Test Date:2018-06-30

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:10.382m [K=1.0000]  
 Remarks:

LED Avg.L Report

Test:U:119.9V I:0.1752A P:19.98W PF:0.9511 Lamp Flux:2140.36x1 lm		
NAME: 二代双头咖啡色安全灯 可调光	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.: HLE	SUR.:	Shielding Angle:

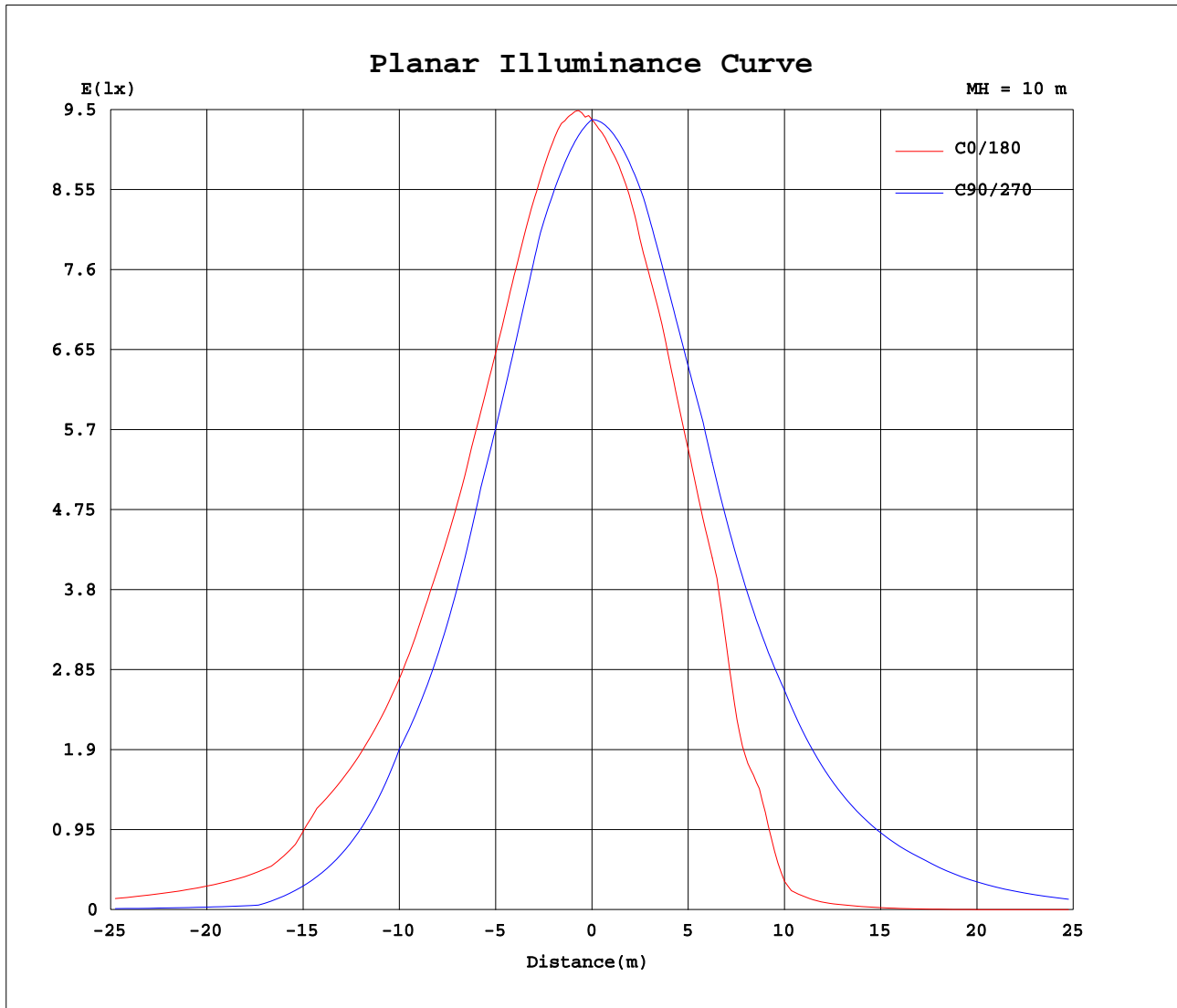
AvgL	cd/m2
L_0~180(65)av	34856
L_0~180(75)av	12283
L_0~180(85)av	9069
L_90~270(65)av	41970
L_90~270(75)av	7719
L_90~270(85)av	0
L_45(65)av	36170
L_45(75)av	18683
L_45(85)av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:27.3DEG  
 Operators:QC  
 Test Date:2018-06-30

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:10.382m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 27.3DEG  
 Operators: QC  
 Test Date: 2018-06-30

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.295  
 Humidity: 65.0%  
 Test Distance: 10.382m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.9V I:0.1752A P:19.98W PF:0.9511 Lamp Flux:2140.36x1 lm		
NAME: 二代双头咖啡色安全灯 可调光	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.: HLE	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	938	938	938	938	938	938	938	938	938	938	938	938	938	938	938	938	938	938	938
5	959	957	955	953	950	948	946	944	942	939	937	934	931	928	927	927	927	925	923
10	970	965	961	956	952	948	943	938	933	929	926	923	920	918	916	912	910	910	907
15	963	958	952	947	941	936	930	926	921	916	912	907	901	898	896	896	894	894	892
20	951	944	938	931	925	920	916	909	905	900	891	885	877	870	864	860	857	854	852
25	930	923	917	913	908	903	898	892	879	872	863	855	847	839	830	825	820	815	811
30	910	900	891	884	879	876	871	861	850	841	831	823	815	808	798	789	783	777	771
35	876	865	857	852	847	837	824	815	808	802	795	790	771	752	740	722	712	701	694
40	842	824	811	802	797	787	778	766	759	751	732	714	696	679	664	648	637	624	616
45	776	762	753	748	736	726	721	716	692	671	654	635	619	602	585	575	561	547	539
50	713	698	690	681	665	657	651	626	609	592	575	557	524	485	453	428	404	385	374
55	638	608	608	595	585	568	529	512	506	502	451	401	357	319	287	261	238	220	208
60	361	349	348	403	469	424	382	375	356	323	279	231	187	151	120	93.7	71.8	54.7	43.1
65	294	283	268	264	247	247	229	214	191	152	105	67.1	63.5	59.8	55.7	50.5	44.4	37.6	30.9
70	204	179	149	137	103	111	112	85.4	52.1	52.0	50.3	47.3	43.8	40.2	36.5	32.4	27.9	23.2	18.8
75	63.1	54.6	49.2	45.2	42.9	42.8	37.2	37.0	35.0	33.1	30.7	27.6	24.0	20.5	17.1	13.9	11.0	8.61	6.62
80	27.9	25.1	22.7	22.7	21.7	23.0	23.1	21.6	18.7	14.3	10.5	7.43	4.94	3.08	1.73	0.84	0.31	0.06	0.00
85	15.3	14.4	13.8	13.8	12.4	5.37	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
90	10.0	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

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:27.3DEG  
 Operators:QC  
 Test Date:2018-06-30

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:10.382m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.9V I:0.1752A P:19.98W PF:0.9511 Lamp Flux:2140.36x1 lm		
NAME: 二代双头咖啡色安全灯 可调光	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.: HLE	SUR.:	Shielding Angle:

Table--2

UNIT: cd

C( DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	938	938	938	938	938	938	938	938	938	938	938	938	938	938	938	938	938	938	938
5	921	920	919	918	917	915	915	914	914	914	914	914	914	915	915	916	917	919	918
10	905	903	900	897	895	893	891	890	890	891	891	891	892	893	895	897	899	901	901
15	890	885	881	877	872	871	869	867	867	867	865	863	860	858	858	860	862	865	865
20	849	843	840	836	835	836	839	841	837	829	823	820	819	820	822	826	831	837	837
25	806	802	795	791	789	786	780	775	773	772	777	771	764	761	761	765	772	781	782
30	764	759	752	744	736	723	712	703	679	659	658	681	694	690	679	678	691	714	718
35	689	679	657	638	631	633	633	565	508	495	519	514	488	467	473	495	525	566	592
40	613	588	534	491	481	476	425	358	339	353	337	284	279	313	315	306	322	355	364
45	536	489	394	340	324	293	227	203	218	197	118	118	130	101	75.7	86.8	89.4	95.7	113
50	372	333	258	222	194	130	72.9	89.8	94.4	56.5	40.0	32.4	32.0	32.0	30.1	30.7	32.0	34.7	37.6
55	205	181	142	128	108	59.6	36.4	26.2	20.0	20.4	18.1	16.2	14.3	14.6	14.7	14.8	15.8	17.9	19.7
60	39.4	39.9	39.7	42.2	39.1	23.4	18.4	13.6	11.3	9.23	7.59	7.02	6.45	5.50	5.24	5.39	5.45	6.34	7.57
65	25.7	21.0	17.0	13.5	10.7	8.21	6.09	5.47	4.87	4.21	3.29	1.97	1.53	1.15	0.72	0.60	0.56	0.59	0.86
70	15.2	12.2	9.80	7.74	6.05	4.67	3.51	2.54	1.64	0.96	1.05	0.77	0.58	0.56	0.56	0.53	0.48	0.53	0.45
75	4.75	3.63	3.02	2.45	1.93	1.68	1.47	1.23	0.93	0.70	0.64	0.64	0.63	0.60	0.55	0.54	0.47	0.51	0.45
80	0.03	0.10	0.16	0.19	0.17	0.19	0.23	0.32	0.46	0.60	0.64	0.65	0.65	0.64	0.62	0.53	0.49	0.50	0.49
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.55	0.60	0.61	0.46	0.48	0.55
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	0.23	0.00

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:27.3DEG  
 Operators:QC  
 Test Date:2018-06-30

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:10.382m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.9V I:0.1752A P:19.98W PF:0.9511 Lamp Flux:2140.36x1 lm		
NAME: 二代双头咖啡色安全灯 可调光	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.: HLE	SUR.:	Shielding Angle:

Table--3

UNIT: cd

C (DEG) \ γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	938	938	938	938	938	938	938	938	938	938	938	938	938	938	938	938	938	938	938
5	919	919	919	920	920	921	922	923	924	926	927	928	930	932	935	936	938	940	942
10	902	902	903	904	906	908	909	911	912	913	916	918	922	925	930	935	938	942	944
15	867	869	871	876	880	885	890	896	901	905	909	910	913	918	924	933	938	943	949
20	838	840	844	848	852	857	864	872	877	883	889	893	897	900	906	915	923	929	936
25	785	790	797	806	816	826	833	837	841	847	855	865	873	879	888	898	907	914	919
30	725	735	747	761	768	772	781	791	803	811	820	832	845	858	870	882	891	897	900
35	628	662	685	697	703	713	724	738	756	773	779	786	797	808	818	831	840	847	855
40	389	442	515	577	622	641	659	676	686	700	715	727	740	754	766	778	788	799	809
45	155	234	276	316	397	501	549	564	598	621	644	665	685	702	715	726	737	750	763
50	44.3	52.9	61.8	88.9	152	243	306	400	477	532	550	554	565	587	610	630	648	665	683
55	23.3	26.0	29.9	35.2	45.7	72.0	106	161	297	361	371	383	406	450	497	533	558	579	602
60	10.0	12.5	16.1	19.7	23.9	28.5	37.7	58.8	132	180	190	210	239	306	380	434	469	494	520
65	1.76	3.22	5.62	8.53	12.3	16.2	20.0	27.5	37.3	40.4	61.1	101	141	201	260	299	324	343	368
70	0.49	0.54	0.88	2.37	4.50	6.86	9.58	13.7	17.9	24.6	37.0	58.2	81.1	113	144	165	179	192	209
75	0.51	0.51	0.52	0.64	0.99	2.38	4.52	6.76	9.41	12.9	17.9	23.7	28.4	31.3	32.0	31.7	33.3	39.1	49.9
80	0.55	0.54	0.56	0.59	0.66	0.84	1.09	1.54	2.40	3.24	3.37	3.07	2.45	1.62	0.82	0.23	0.00	0.28	1.30
85	0.59	0.62	0.56	0.22	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
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

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:27.3DEG  
 Operators:QC  
 Test Date:2018-06-30

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:10.382m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.9V I:0.1752A P:19.98W PF:0.9511 Lamp Flux:2140.36x1 lm		
NAME: 二代双头咖啡色安全灯 可调光	TYPE:	WEIGHT:
SPEC.:3000K	DIM.:	SERIAL No.:
MFR.: HLE	SUR.:	Shielding Angle:

Table--4

UNIT: cd

C( DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	938	938	938	938	938	938	938	938	938	938	938	938	938	938	938				
5	943	944	945	947	950	952	953	955	956	957	957	958	958	958	959				
10	949	953	956	958	960	962	964	965	965	967	968	968	969	969	969				
15	955	957	962	965	966	966	966	967	967	967	966	965	964	964	963				
20	940	947	951	954	959	965	966	963	961	959	957	955	954	952	952				
25	923	927	930	936	940	943	946	948	951	946	942	938	934	932	930				
30	903	906	911	914	918	922	922	922	921	922	922	918	916	913	911				
35	862	870	879	888	899	896	894	891	894	898	901	895	885	880	877				
40	818	828	835	844	847	853	861	863	860	855	855	860	855	848	843				
45	774	785	790	792	795	799	806	811	816	809	808	806	804	790	780				
50	701	717	726	734	739	743	745	746	750	752	749	741	738	729	718				
55	621	636	643	649	657	663	680	684	681	683	687	682	673	667	648				
60	540	556	560	561	558	554	562	580	614	604	593	607	584	478	387				
65	391	414	432	446	448	434	427	433	453	467	446	441	373	313	299				
70	228	247	265	280	286	288	284	272	278	279	269	275	238	227	212				
75	63.5	80.0	98.6	117	131	144	153	154	151	131	117	121	90.2	81.2	68.1				
80	3.28	6.43	10.9	16.2	22.5	29.9	38.2	48.5	59.2	58.7	46.0	42.4	37.2	33.8	30.2				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.64	18.2	19.3	17.1	16.0				
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				

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:27.3DEG  
 Operators:QC  
 Test Date:2018-06-30

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:10.382m [K=1.0000]  
 Remarks:

Photometric Data Table [cd]

G/C	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0
0.0	938.1	938.1	938.1	938.1	938.1	938.1	938.1	938.1	938.1	938.1
2.5	946.4	945.6	944.6	943.5	942.3	941.0	939.7	938.2	937.4	937.0
5.0	958.7	956.7	954.7	952.5	950.4	948.3	946.2	944.2	941.8	939.1
7.5	963.8	960.6	957.4	954.1	950.8	947.4	944.1	940.9	938.0	935.4
10.0	969.6	965.2	960.8	956.4	952.3	948.3	943.1	937.5	933.0	929.2
12.5	967.3	962.1	957.1	952.3	947.4	942.6	937.9	933.3	929.3	925.0
15.0	963.4	957.6	952.0	946.5	941.2	935.6	929.7	925.8	921.2	916.1
17.5	959.0	952.4	946.2	940.3	933.8	927.9	923.7	918.5	911.8	907.4
20.0	951.4	944.4	937.8	931.3	925.1	919.9	915.7	909.4	904.9	899.7
22.5	942.6	935.6	929.1	923.1	918.2	911.8	904.6	899.2	896.8	886.6
25.0	929.7	923.0	917.4	912.6	908.5	903.3	898.3	892.2	879.1	872.3
27.5	920.5	911.8	904.3	898.8	895.0	892.5	889.7	877.7	867.8	855.1
30.0	910.0	899.8	890.9	883.6	878.7	875.7	871.2	861.3	850.1	841.3
32.5	894.9	885.0	876.7	869.0	862.7	858.2	847.3	839.0	831.1	821.5
35.0	875.6	864.7	856.7	851.7	847.3	836.6	823.8	815.3	808.3	801.8
37.5	859.0	845.2	834.8	828.3	826.3	815.3	800.7	790.3	784.8	779.2
40.0	841.6	824.5	811.5	802.3	796.5	786.6	777.8	765.8	759.1	751.1
42.5	809.5	794.9	784.6	776.0	765.7	756.2	749.6	742.2	729.4	711.7
45.0	775.7	762.0	753.4	747.9	735.7	726.1	720.7	715.7	691.7	671.2
47.5	745.0	731.1	722.8	716.0	701.2	694.0	691.5	674.4	652.3	630.7
50.0	713.0	697.9	689.5	681.0	664.9	657.5	651.0	625.8	609.3	591.5
52.5	678.4	660.1	651.4	640.6	626.7	619.5	593.0	571.5	559.9	550.1
55.0	637.5	608.2	608.5	595.2	585.1	568.3	529.0	511.8	506.4	501.7
57.5	455.0	432.9	466.2	529.5	542.4	497.5	458.4	447.1	444.6	412.3
60.0	361.4	348.6	348.2	402.7	469.2	423.8	381.8	375.2	355.6	322.8
62.5	325.0	313.4	303.3	313.6	354.1	339.2	301.4	290.3	271.4	236.1
65.0	294.0	283.5	268.4	263.5	247.2	228.8	228.8	214.0	190.7	151.7
67.5	260.0	243.7	217.9	204.3	168.4	164.4	167.7	145.9	114.2	70.10
70.0	204.4	179.3	149.2	137.2	102.8	110.7	111.6	85.36	52.08	51.96
72.5	123.8	102.4	83.73	80.21	61.44	70.80	63.73	45.15	43.39	42.36
75.0	63.07	54.62	49.20	45.25	42.90	42.77	37.22	36.99	34.98	33.10
77.5	39.87	32.84	31.81	31.81	29.75	28.86	29.87	29.16	26.77	24.09
80.0	27.89	25.07	22.65	22.72	21.74	23.04	23.12	21.60	18.72	14.30
82.5	19.32	18.12	17.31	16.97	17.58	17.90	16.30	10.45	5.664	1.956
85.0	15.33	14.35	13.85	13.79	12.35	5.367	0	0	0	0
87.5	12.51	11.45	9.417	0	0	0	0	0	0	0
90.0	10.00	0	0	0	0	0	0	0	0	0
G/C	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0
0.0	938.1	938.1	938.1	938.1	938.1	938.1	938.1	938.1	938.1	938.1
2.5	936.6	936.3	936.0	935.9	934.9	933.7	932.6	931.5	930.4	929.6
5.0	936.6	933.9	931.0	928.1	927.2	927.2	926.6	924.6	922.7	921.2
7.5	933.0	930.7	928.1	924.9	921.5	918.5	918.8	917.5	914.9	913.1
10.0	925.7	922.8	920.2	918.4	915.6	912.2	910.0	910.2	907.2	905.2
12.5	918.2	914.1	911.0	908.4	907.1	904.8	901.8	902.4	899.5	897.5
15.0	912.0	907.1	901.2	898.2	896.0	895.9	893.8	893.8	891.8	890.0
17.5	902.6	897.0	892.9	884.9	881.2	878.4	876.0	873.7	871.7	869.6
20.0	890.7	884.6	876.8	869.6	863.6	859.6	857.2	853.7	851.6	848.6
22.5	878.5	868.8	862.4	854.8	846.3	842.2	838.5	834.1	831.5	827.5
25.0	863.2	854.6	847.2	838.8	829.7	824.7	819.7	814.8	811.4	806.1
27.5	848.1	839.7	829.8	823.9	814.2	807.0	801.2	795.7	791.3	784.9
30.0	830.7	823.4	814.6	808.1	798.4	788.9	783.0	776.8	771.2	764.1
32.5	815.1	806.3	799.0	789.5	775.5	758.0	748.8	739.3	732.5	726.7
35.0	794.7	789.8	771.3	752.1	739.8	721.5	711.6	700.9	693.8	688.7
37.5	770.5	753.4	733.8	716.5	702.8	684.4	674.3	662.5	655.1	650.7
40.0	731.9	713.6	696.0	678.5	664.3	647.9	636.6	624.1	616.4	612.6
42.5	692.9	674.2	657.5	640.2	625.4	611.2	598.9	585.7	577.6	574.5
45.0	653.7	635.2	618.6	601.6	585.2	575.3	561.3	547.5	538.9	536.3
47.5	614.2	596.7	579.4	562.0	534.7	512.3	486.5	467.2	456.3	455.0
50.0	574.7	557.2	524.0	484.8	452.6	428.3	403.7	384.9	373.6	371.8
52.5	533.9	485.8	440.3	402.0	369.6	344.4	320.8	302.5	291.0	288.6
55.0	450.6	401.1	356.9	318.9	286.7	260.9	237.7	220.0	208.4	205.3
57.5	365.0	316.4	272.7	235.1	203.6	177.4	154.7	137.3	125.7	122.1
60.0	278.6	230.6	187.5	150.7	119.9	93.69	71.80	54.66	43.08	39.36
62.5	191.8	144.1	101.8	69.51	65.14	59.33	52.49	44.74	37.00	31.07
65.0	105.1	67.12	63.54	59.83	55.66	50.45	44.40	37.62	30.93	25.74
67.5	60.22	57.26	53.69	50.08	46.10	41.46	36.18	30.44	24.85	20.45
70.0	50.31	47.34	43.82	40.24	36.48	32.36	27.87	23.21	18.77	15.19
72.5	40.48	37.44	33.90	30.38	26.82	23.16	19.48	15.93	12.70	9.960
75.0	30.73	27.57	24.00	20.50	17.10	13.91	11.02	8.611	6.620	4.755
77.5	21.09	17.73	14.24	11.38	9.014	7.105	5.543	4.314	3.310	2.353
80.0	10.46	7.430	4.945	3.080	1.735	0.8419	0.3126	0.0635	0	0.0344
82.5	0	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 27.3DEG  
 Operators: QC  
 Test Date: 2018-06-30

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.295  
 Humidity: 65.0%  
 Test Distance: 10.382m [K=1.0000]  
 Remarks:



Photometric Data Table [cd]

87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0
0.0	938.1	938.1	938.1	938.1	938.1	938.1	938.1	938.1	938.1	938.1
2.5	928.8	928.1	927.5	926.9	926.4	926.0	925.7	925.4	925.2	925.2
5.0	919.9	918.7	917.6	916.5	915.4	914.6	914.1	914.0	914.0	914.0
7.5	911.4	909.9	907.4	905.5	904.6	903.6	902.5	901.5	900.8	900.9
10.0	903.4	899.9	897.1	895.4	893.2	890.6	889.9	890.4	890.6	890.8
12.5	895.0	889.7	887.4	883.7	880.4	880.3	879.7	878.3	878.2	878.7
15.0	885.2	880.9	876.6	871.7	870.8	868.8	867.4	867.4	866.6	865.1
17.5	863.7	861.7	857.0	857.7	857.9	857.7	857.3	854.5	850.2	844.5
20.0	843.1	839.6	836.1	835.2	835.5	838.6	840.6	836.7	828.6	823.3
22.5	822.5	817.1	814.3	811.8	812.8	812.3	808.6	806.5	807.3	801.1
25.0	801.6	795.5	791.3	788.6	786.0	780.1	774.7	772.6	772.4	776.7
27.5	780.4	774.0	767.6	763.5	756.7	746.3	740.1	735.0	726.4	727.3
30.0	759.3	751.6	744.0	735.7	722.8	711.7	703.0	678.8	659.3	657.9
32.5	721.4	711.0	705.2	707.5	689.8	678.6	646.2	601.1	576.8	586.6
35.0	678.9	656.6	638.0	630.9	633.3	633.2	564.9	507.7	494.8	519.3
37.5	634.8	597.4	564.8	556.2	557.3	532.4	465.2	414.8	425.7	428.7
40.0	588.2	533.7	490.8	480.9	475.9	425.2	358.3	338.5	353.1	336.9
42.5	539.8	465.5	415.0	403.1	386.2	322.6	269.5	277.0	287.3	228.1
45.0	489.5	393.9	339.7	324.4	293.2	226.5	203.2	218.2	197.3	117.6
47.5	412.4	322.7	272.2	244.5	202.4	142.1	145.5	157.4	113.7	58.11
50.0	332.9	257.7	222.4	194.1	130.2	72.85	89.85	94.39	56.52	40.03
52.5	256.1	197.1	174.4	149.2	90.57	46.87	36.24	46.08	31.91	27.37
55.0	181.4	141.6	128.2	108.1	59.64	36.38	26.22	19.96	20.44	18.06
57.5	109.3	89.52	84.07	71.17	37.76	26.81	18.99	15.28	12.55	12.13
60.0	39.86	39.74	42.20	39.15	23.39	18.37	13.56	11.27	9.234	7.590
62.5	25.60	20.72	16.54	13.19	12.82	11.39	9.209	7.802	6.519	5.141
65.0	21.03	16.96	13.49	10.67	8.212	6.093	5.470	4.874	4.210	3.289
67.5	16.57	13.32	10.55	8.288	6.363	4.716	3.387	2.363	2.317	1.958
70.0	12.19	9.795	7.745	6.049	4.669	3.514	2.540	1.637	0.9584	1.048
72.5	7.876	6.362	5.052	3.934	3.117	2.438	1.829	1.235	0.7892	0.6428
75.0	3.625	3.018	2.453	1.928	1.681	1.468	1.229	0.9268	0.6984	0.6357
77.5	1.739	1.375	1.012	0.6567	0.5511	0.5815	0.7159	0.7007	0.6398	0.6333
80.0	0.0973	0.1606	0.1903	0.1738	0.1877	0.2323	0.3246	0.4605	0.6004	0.6424
82.5	0	0	0	0	0	0	0	0.0626	0.1902	0.3790
85.0	0	0	0	0	0	0	0	0	0	0
87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	150.0	155.0	160.0	165.0	170.0	175.0	180.0	185.0	190.0	195.0
0.0	938.1	938.1	938.1	938.1	938.1	938.1	938.1	938.1	938.1	938.1
2.5	925.3	925.5	925.8	926.2	926.6	927.1	927.7	927.7	927.8	927.9
5.0	914.1	914.3	914.8	915.4	916.3	917.3	918.5	918.5	918.5	918.8
7.5	902.0	903.1	904.5	905.8	907.3	909.0	911.0	910.9	911.1	911.4
10.0	891.1	891.8	893.1	894.7	896.6	898.8	901.3	901.3	901.6	902.2
12.5	879.3	879.7	880.1	881.0	882.1	883.9	886.5	886.4	887.1	888.5
15.0	863.3	860.4	858.5	858.5	859.6	861.8	864.8	865.3	866.6	868.6
17.5	840.6	838.9	838.9	840.4	843.2	847.1	851.9	852.0	852.8	854.5
20.0	820.2	819.0	819.5	821.9	825.7	831.0	837.4	836.9	837.7	840.1
22.5	797.5	796.0	795.1	795.4	797.9	802.8	810.2	810.5	812.6	816.6
25.0	770.5	764.4	760.6	761.0	765.3	772.2	781.5	782.3	785.3	790.1
27.5	733.9	728.6	727.2	728.7	733.8	741.2	752.1	754.1	759.1	765.2
30.0	681.3	693.9	690.0	678.6	678.1	691.4	714.1	717.8	725.0	735.2
32.5	617.1	625.1	590.2	582.0	597.2	631.2	675.9	680.8	690.0	702.4
35.0	514.0	488.4	467.5	472.8	495.2	525.5	565.6	591.9	627.8	662.0
37.5	400.1	364.2	368.1	387.0	393.8	402.3	420.2	449.7	499.0	573.5
40.0	284.0	278.7	312.8	315.3	306.0	321.8	355.2	364.1	389.4	442.2
42.5	189.0	212.5	217.6	193.1	190.9	211.0	248.5	268.8	308.7	351.4
45.0	118.1	130.2	100.8	75.66	86.83	89.40	95.67	112.5	154.8	234.0
47.5	62.78	58.57	47.80	47.22	46.33	48.56	54.17	57.25	65.50	93.03
50.0	32.38	32.01	31.98	30.10	30.72	32.03	34.68	37.59	44.34	52.92
52.5	22.50	21.33	20.84	21.35	21.76	22.82	25.45	27.17	30.68	35.18
55.0	16.18	14.31	14.60	14.69	14.85	15.79	17.90	19.70	23.31	25.99
57.5	11.04	10.03	9.557	9.339	9.719	10.07	11.40	13.01	16.48	18.80
60.0	7.022	6.450	5.504	5.244	5.393	5.452	6.345	7.573	10.04	12.46
62.5	3.824	3.531	2.731	2.150	2.127	1.915	2.501	3.325	5.001	7.140
65.0	1.968	1.528	1.155	0.7187	0.5968	0.5643	0.5870	0.8629	1.763	3.219
67.5	1.143	0.5902	0.6147	0.5611	0.5223	0.4902	0.5373	0.4623	0.5427	1.095
70.0	0.7694	0.5843	0.5630	0.5575	0.5315	0.4822	0.5266	0.4503	0.4860	0.5359
72.5	0.6508	0.6052	0.5742	0.5550	0.5424	0.4648	0.5265	0.4431	0.5002	0.5052
75.0	0.6412	0.6279	0.5982	0.5545	0.5435	0.4711	0.5124	0.4483	0.5107	0.5112
77.5	0.6474	0.6425	0.6242	0.5801	0.5411	0.4833	0.5052	0.4647	0.5279	0.5236

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 27.3DEG  
Operators: QC  
Test Date: 2018-06-30

γ Range: 0 - 90DEG  
γ Interval: 0.5DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.295  
Humidity: 65.0%  
Test Distance: 10.382m [K=1.0000]  
Remarks:

Photometric Data Table [cd]

80.0	0.6527	0.6473	0.6403	0.6161	0.5343	0.4862	0.4982	0.4876	0.5459	0.5387
82.5	0.6220	0.6524	0.6403	0.6313	0.5913	0.4961	0.4945	0.5151	0.5589	0.5623
85.0	0	0.2220	0.5543	0.6027	0.6138	0.4637	0.4769	0.5474	0.5862	0.6224
87.5	0	0	0	0	0.4307	0.5028	0.4166	0.5727	0.5327	0
90.0	0	0	0	0	0	0	0.2251	0	0	0
G/C	200.0	205.0	210.0	215.0	220.0	225.0	230.0	235.0	240.0	245.0
0.0	938.1	938.1	938.1	938.1	938.1	938.1	938.1	938.1	938.1	938.1
2.5	928.0	928.3	928.6	928.9	929.5	930.1	930.9	931.7	932.6	933.6
5.0	919.2	919.7	920.4	921.2	922.1	923.1	924.3	925.5	926.9	928.3
7.5	911.9	912.3	912.7	913.2	914.2	915.6	917.3	919.2	921.2	923.6
10.0	903.2	904.4	905.8	907.5	909.2	911.0	911.8	913.2	915.6	918.4
12.5	890.4	892.9	895.8	898.8	901.7	904.5	907.5	910.1	911.2	913.8
15.0	871.4	875.5	880.2	885.1	890.5	896.1	901.0	904.9	908.6	910.4
17.5	856.9	860.3	864.7	870.2	876.4	883.3	891.4	899.0	903.0	905.3
20.0	843.7	847.6	852.0	857.5	864.3	872.0	877.0	883.1	889.3	893.1
22.5	822.3	828.4	837.0	845.4	852.6	855.4	859.4	864.0	872.6	879.8
25.0	797.2	805.9	815.6	825.6	833.4	836.6	840.7	846.8	854.5	864.8
27.5	773.1	782.3	793.6	800.4	806.7	816.5	822.4	828.7	836.4	848.5
30.0	746.9	760.7	768.1	772.0	780.8	791.2	803.1	810.8	819.8	831.7
32.5	717.5	735.0	737.7	743.9	752.7	765.6	780.0	793.7	802.5	813.4
35.0	685.1	697.1	703.3	712.6	723.6	738.4	755.8	773.0	778.7	785.8
37.5	647.3	657.3	665.8	677.1	693.2	709.7	727.7	738.5	748.3	756.2
40.0	515.4	577.4	621.6	641.0	658.9	675.9	686.3	700.4	714.8	727.2
42.5	382.8	440.2	524.8	596.2	617.2	627.1	641.9	661.2	679.9	697.1
45.0	276.3	316.1	397.4	501.4	548.5	564.1	597.5	621.1	643.6	665.5
47.5	139.4	195.8	281.1	359.9	438.9	490.8	544.6	577.5	606.4	632.3
50.0	61.78	88.88	152.2	242.9	306.3	400.1	477.0	532.3	550.4	554.1
52.5	41.62	51.89	69.49	143.7	189.5	284.2	395.9	454.1	461.1	468.7
55.0	29.91	35.19	45.70	72.01	106.4	161.4	296.9	360.7	370.7	382.8
57.5	22.62	26.46	32.67	40.17	52.73	95.37	207.3	268.4	279.4	296.6
60.0	16.12	19.65	23.91	28.49	37.70	58.85	132.4	180.5	189.9	209.9
62.5	10.28	13.63	17.66	21.95	27.31	39.82	75.05	102.3	102.4	125.9
65.0	5.625	8.531	12.29	16.19	20.00	27.49	37.33	40.36	61.14	101.0
67.5	2.491	4.650	7.884	11.18	14.36	18.20	22.69	31.76	48.34	78.64
70.0	0.8800	2.365	4.499	6.860	9.582	13.67	17.95	24.57	36.99	58.18
72.5	0.5187	1.132	2.123	3.750	6.798	10.01	13.54	18.33	27.01	39.95
75.0	0.5216	0.6388	0.9944	2.378	4.524	6.762	9.407	12.91	17.94	23.66
77.5	0.5337	0.5612	0.7562	1.449	2.650	3.853	5.532	8.025	9.939	11.54
80.0	0.5601	0.5931	0.6574	0.8446	1.086	1.545	2.403	3.245	3.372	3.071
82.5	0.6044	0.6311	0.6018	0.3624	0.2862	0.1994	0	0	0	0
85.0	0.5631	0.2196	0	0	0	0	0	0	0	0
87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	250.0	255.0	260.0	265.0	270.0	275.0	280.0	285.0	290.0	295.0
0.0	938.1	938.1	938.1	938.1	938.1	938.1	938.1	938.1	938.1	938.1
2.5	934.5	935.4	936.3	937.2	938.1	939.2	940.3	941.3	942.3	943.1
5.0	930.2	932.5	934.6	936.3	938.1	940.1	942.1	943.0	943.5	944.6
7.5	926.1	928.8	932.4	935.6	938.1	940.9	943.0	944.3	948.1	951.7
10.0	921.7	925.4	929.8	934.8	938.1	941.5	944.3	948.6	953.0	956.0
12.5	917.2	921.7	927.1	933.9	938.1	942.0	946.6	952.4	955.9	958.1
15.0	913.4	917.8	924.3	932.6	938.1	942.8	949.5	954.8	957.3	961.7
17.5	905.7	909.5	915.6	923.8	930.3	936.1	943.5	948.6	954.0	960.8
20.0	896.5	900.1	906.5	915.0	922.5	928.9	935.5	940.1	946.9	951.1
22.5	885.5	889.6	897.1	906.6	914.7	921.4	927.3	932.0	937.5	940.7
25.0	872.9	879.3	888.1	898.4	906.9	913.5	918.6	923.2	927.1	930.2
27.5	859.7	869.6	879.3	890.3	899.1	905.3	909.3	913.3	916.5	920.4
30.0	845.4	857.9	870.4	882.3	891.3	896.6	899.9	902.7	906.1	911.2
32.5	825.4	835.6	845.4	856.8	865.6	872.2	878.4	884.1	890.9	900.2
35.0	797.3	808.4	818.2	830.6	839.9	847.4	855.1	861.9	869.6	879.0
37.5	769.1	781.4	791.8	804.3	814.2	822.8	832.0	840.3	849.2	856.9
40.0	740.2	754.5	766.2	778.1	788.5	798.6	808.8	817.9	828.3	834.7
42.5	712.3	727.9	740.5	751.9	762.8	774.4	785.9	795.3	807.0	812.0
45.0	684.8	701.5	714.6	726.0	737.1	750.2	763.2	773.6	785.0	789.5
47.5	641.9	653.2	665.2	678.8	692.4	708.1	724.7	741.0	757.2	767.3
50.0	565.3	587.5	610.1	630.4	647.8	665.2	683.4	700.9	716.6	726.3
52.5	487.4	519.8	553.9	581.9	603.1	622.4	642.3	660.7	676.4	684.5
55.0	406.3	450.4	496.8	533.0	558.4	579.5	601.6	620.6	636.2	643.1
57.5	322.8	379.1	438.8	483.8	513.7	536.6	560.7	580.4	595.9	601.8
60.0	238.7	306.3	380.0	434.4	469.1	493.7	519.5	539.8	555.6	560.0
62.5	174.1	248.7	319.5	367.0	396.4	419.3	446.5	472.6	498.1	516.0
65.0	141.0	201.3	259.9	299.3	323.8	343.5	367.6	391.4	414.5	432.0
67.5	110.0	156.1	201.3	232.0	251.2	267.6	288.6	309.8	330.8	348.3
70.0	81.11	112.8	143.9	164.9	178.6	191.5	209.3	228.0	247.2	265.1

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 27.3DEG  
 Operators: QC  
 Test Date: 2018-06-30

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.295  
 Humidity: 65.0%  
 Test Distance: 10.382m [K=1.0000]  
 Remarks:

Photometric Data Table [cd]

72.5	54.01	71.19	87.55	98.20	106.0	115.4	129.7	145.9	163.6	181.9
75.0	28.42	31.28	32.02	31.69	33.33	39.12	49.88	63.45	80.04	98.65
77.5	12.88	13.78	14.59	15.39	16.67	19.11	23.11	27.75	33.49	40.23
80.0	2.450	1.618	0.8185	0.2259	0	0.2812	1.302	3.282	6.433	10.85
82.5	0	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0
87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	300.0	305.0	310.0	315.0	320.0	325.0	330.0	335.0	340.0	345.0
0.0	938.1	938.1	938.1	938.1	938.1	938.1	938.1	938.1	938.1	938.1
2.5	943.1	943.1	943.1	943.1	943.1	943.4	944.2	944.9	945.5	945.9
5.0	947.2	949.7	951.7	953.3	954.8	956.0	956.6	957.2	957.7	958.1
7.5	954.4	956.3	957.6	958.8	959.8	960.8	961.9	962.7	963.4	963.6
10.0	957.7	959.6	961.8	963.9	964.5	965.4	966.9	968.1	968.3	968.6
12.5	961.3	964.4	965.1	966.7	967.0	967.1	967.6	967.8	967.9	967.8
15.0	964.9	965.9	965.9	966.3	967.2	967.3	967.0	966.0	965.1	964.3
17.5	964.5	964.5	966.5	967.2	966.6	964.9	963.3	961.9	960.7	959.9
20.0	953.6	959.2	964.7	965.6	963.2	961.4	959.1	957.5	955.3	953.7
22.5	944.8	950.6	953.7	957.0	959.4	956.5	953.2	950.5	947.9	945.5
25.0	936.1	939.7	942.7	945.7	948.0	950.7	946.4	941.7	937.6	934.2
27.5	925.6	928.3	932.0	934.7	936.2	936.9	936.2	930.5	926.4	923.8
30.0	914.3	918.1	921.8	922.3	921.6	921.3	922.1	922.1	918.2	915.6
32.5	903.2	908.1	909.8	907.9	906.5	906.0	909.6	915.7	911.9	906.1
35.0	887.8	899.0	895.7	893.7	891.3	893.7	897.6	900.8	895.1	885.4
37.5	866.5	874.1	880.6	878.6	878.8	879.5	878.5	875.9	878.4	870.0
40.0	843.8	847.5	853.2	860.8	863.2	859.8	855.2	855.1	859.6	854.7
42.5	818.2	821.6	825.5	835.0	841.8	838.5	833.0	832.8	836.2	834.7
45.0	792.1	794.9	799.1	805.7	811.0	815.7	809.0	807.6	806.5	803.9
47.5	765.7	766.6	772.8	775.1	779.3	782.8	783.1	777.2	773.7	769.7
50.0	733.7	739.4	742.7	744.6	746.5	749.8	751.8	749.3	740.7	737.6
52.5	691.7	701.0	712.7	713.6	715.8	715.0	717.8	721.0	711.7	705.9
55.0	649.2	656.6	663.0	680.2	683.9	681.4	683.3	687.3	682.2	673.4
57.5	605.3	607.9	609.8	622.9	647.8	647.2	645.2	647.2	649.9	636.3
60.0	561.1	557.6	553.5	562.1	580.5	614.1	603.9	592.5	607.4	583.7
62.5	516.0	505.5	494.9	496.4	509.0	536.9	552.0	526.0	535.2	479.4
65.0	446.4	448.1	433.7	427.4	433.0	453.3	466.5	445.8	440.8	372.5
67.5	363.0	366.4	363.0	355.6	352.9	367.0	370.8	355.4	341.3	298.0
70.0	280.3	286.3	287.7	284.1	272.5	278.4	278.5	269.2	274.6	238.1
72.5	198.0	208.0	214.8	216.8	210.8	202.5	195.2	192.5	196.7	166.1
75.0	116.5	131.4	144.1	152.6	154.0	150.6	131.5	116.6	121.4	90.19
77.5	47.00	56.20	75.09	90.52	100.1	102.9	91.70	65.85	68.32	53.57
80.0	16.25	22.55	29.89	38.21	48.49	59.24	58.70	46.02	42.36	37.25
82.5	0	0	0	5.193	13.72	22.41	30.55	31.27	30.46	25.99
85.0	0	0	0	0	0	0	0	8.639	18.25	19.30
87.5	0	0	0	0	0	0	0	0	0	0
90.0	0	0	0	0	0	0	0	0	0	0
G/C	350.0	355.0								
0.0	938.1	938.1								
2.5	946.2	946.4								
5.0	958.4	958.6								
7.5	963.8	963.8								
10.0	968.9	969.3								
12.5	967.6	967.4								
15.0	963.8	963.5								
17.5	959.4	959.1								
20.0	952.5	951.7								
22.5	943.9	942.8								
25.0	931.7	930.1								
27.5	921.9	920.8								
30.0	913.1	911.2								
32.5	900.5	896.5								
35.0	880.0	877.0								
37.5	864.7	860.8								
40.0	847.5	843.3								
42.5	822.1	813.2								
45.0	789.6	779.7								
47.5	756.3	748.0								
50.0	728.8	717.5								
52.5	699.1	685.5								
55.0	666.7	648.4								
57.5	627.4	526.1								
60.0	477.9	387.1								
62.5	363.9	333.9								

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 27.3DEG  
 Operators: QC  
 Test Date: 2018-06-30

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.295  
 Humidity: 65.0%  
 Test Distance: 10.382m [K=1.0000]  
 Remarks:

Photometric Data Table [cd]

65.0	312.9	299.0
67.5	275.8	264.3
70.0	226.5	211.5
72.5	152.9	135.5
75.0	81.16	68.12
77.5	47.62	42.97
80.0	33.85	30.17
82.5	22.70	20.28
85.0	17.11	15.98
87.5	11.67	13.23
90.0	0	0

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 27.3DEG  
 Operators: QC  
 Test Date: 2018-06-30

γ Range: 0 - 90DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.295  
 Humidity: 65.0%  
 Test Distance: 10.382m [K=1.0000]  
 Remarks: