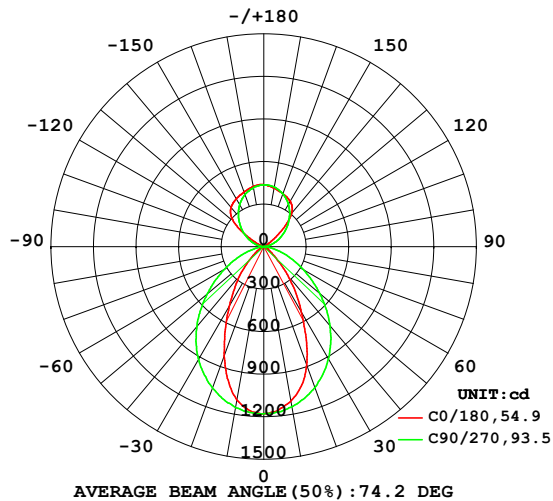


LUMINAIRE PHOTOMETRIC TEST REPORT

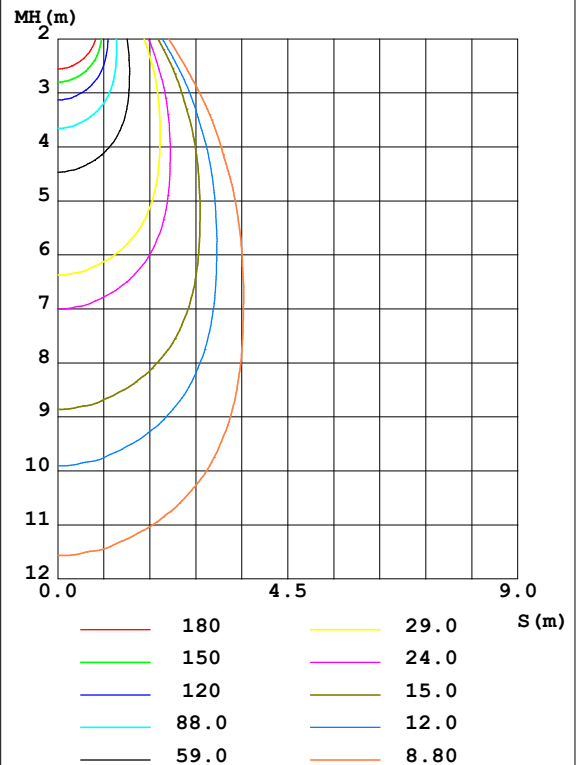
Test:U:120.5V I:0.2240A P:27.10W PF:0.9900 Freq:60.00Hz Lamp Flux:2727.28x1 lm		
NAME: 12代 2FT 黑色	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 100.64 lm/W			
MODEL		I _{max} (cd)	1180	S/MH (C0/180)	0.87
NOMINAL POWER (W)	30W	LOR (%)	100.0	S/MH (C90/270)	1.17
RATED VOLTAGE (V)	120.0	TOTAL FLUX (lm)	2727.3	η UP, DN (C0-180)	18.3, 32.0
NOMINAL FLUX (lm)	2727.28	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	18.6, 31.0
LAMPS INSIDE	1	η up (%)	37.0	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)	120.0	η down (%)	63.0	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

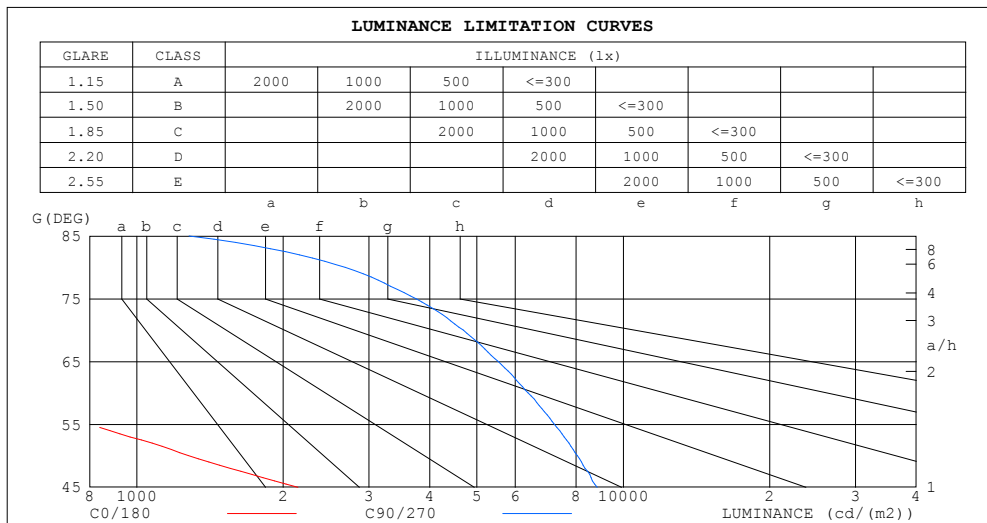
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1105	1128	1146	1136	1099	1125	1152	1113	0- 10	109.9	109.9	4.03,4.03
20	888.3	981.5	1057	968.2	818.8	930.5	1062	950.0	10- 20	295.3	405.2	14.9,14.9
30	531.4	725.1	912.5	689.2	487.5	651.5	919.7	674.9	20- 30	382.0	787.2	28.9,28.9
40	264.0	436.1	728.0	431.1	261.6	399.3	734.4	402.7	30- 40	358.5	1146	42,42
50	82.05	238.8	517.2	246.2	100.6	228.2	523.5	215.1	40- 50	276.2	1422	52.1,52.1
60	25.27	83.30	318.4	110.8	33.32	99.34	320.4	73.14	50- 60	175.3	1597	58.6,58.6
70	3.323	18.05	160.3	32.54	6.037	29.62	154.9	14.30	60- 70	86.55	1684	61.7,61.7
80	1.587	2.416	46.56	3.123	2.208	2.900	36.50	2.063	70- 80	30.62	1714	62.9,62.9
90	0.9891	1.571	0.0332	1.760	1.348	2.047	0.0030	1.357	80- 90	4.859	1719	63,63
100	1.476	2.096	23.42	5.386	3.941	6.646	26.70	2.441	90-100	3.949	1723	63.2,63.2
110	4.287	10.13	77.61	59.40	19.45	65.09	79.19	13.62	100-110	22.81	1746	64,64
120	25.44	79.89	142.8	182.0	98.14	189.5	142.5	98.14	110-120	75.75	1822	66.8,66.8
130	128.9	210.0	212.8	265.2	280.4	267.1	211.1	220.4	120-130	155.9	1978	72.5,72.5
140	305.8	294.6	284.1	320.3	361.0	319.1	278.9	294.7	130-140	208.3	2186	80.2,80.2
150	372.2	347.3	348.1	366.4	389.1	363.9	341.5	345.9	140-150	209.4	2395	87.8,87.8
160	396.6	386.7	396.4	406.0	411.4	400.5	392.0	387.3	150-160	174.6	2570	94.2,94.2
170	420.5	419.3	427.8	431.8	431.5	430.2	422.9	419.2	160-170	116.2	2686	98.5,98.5
180	436.8	436.8	436.8	436.8	436.8	436.8	436.8	436.8	170-180	41.10	2727	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.5V I:0.2240A P:27.10W PF:0.9900 Freq:60.00Hz Lamp Flux:2727.28x1 lm		
NAME: 12代 2FT 黑色	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



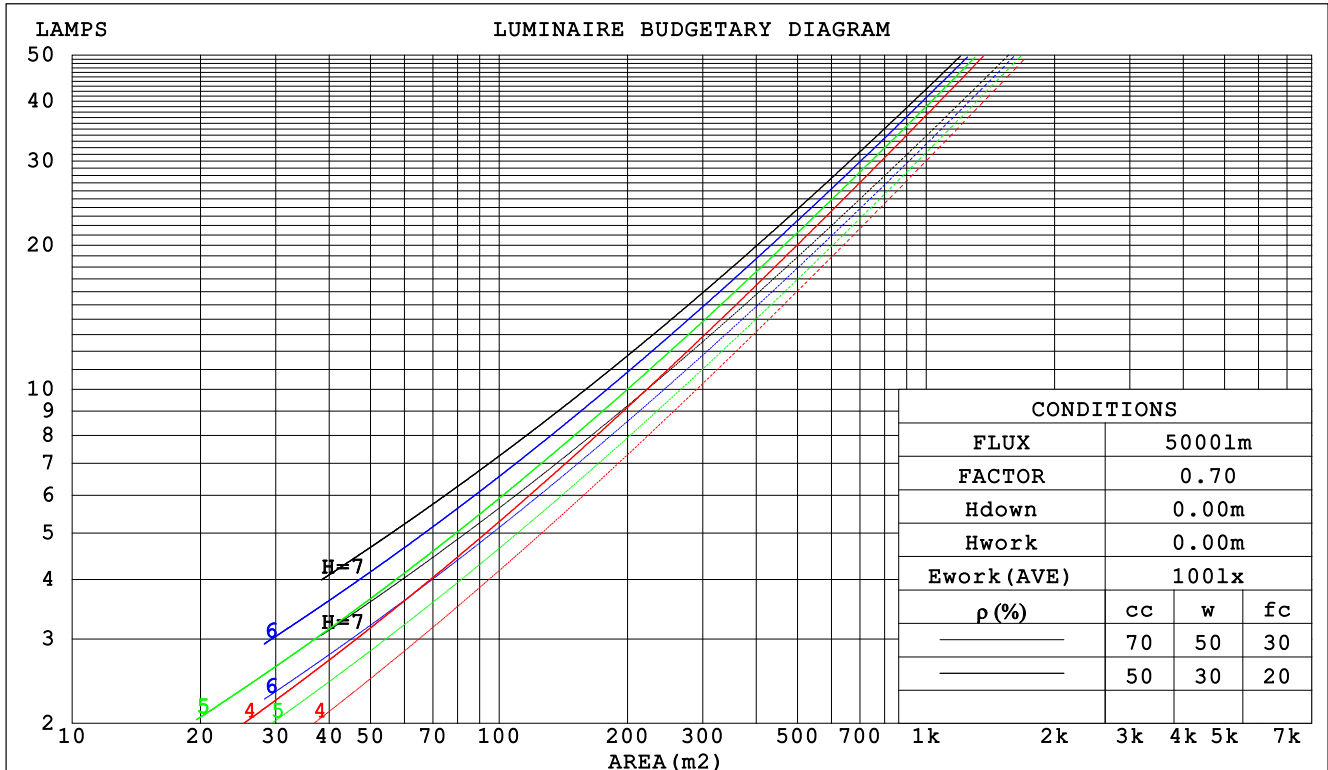
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.5V I:0.2240A P:27.10W PF:0.9900 Freq:60.00Hz Lamp Flux:2727.28x1 lm		
NAME: 12代 2FT 黑色	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.10	1.10	1.10	1.03	1.03	1.03	.91	.91	.91	.79	.79	.79	.68	.68	.68	.63
1.0	.99	.95	.92	.93	.90	.87	.82	.80	.78	.72	.70	.69	.63	.62	.61	.56
2.0	.88	.83	.78	.83	.78	.74	.74	.70	.67	.65	.63	.60	.57	.55	.54	.50
3.0	.79	.72	.67	.75	.69	.64	.67	.62	.59	.59	.56	.53	.52	.50	.48	.44
4.0	.71	.64	.59	.68	.61	.56	.61	.56	.52	.54	.50	.47	.48	.45	.43	.40
5.0	.64	.57	.52	.61	.55	.50	.55	.50	.46	.49	.45	.42	.44	.41	.38	.36
6.0	.59	.51	.46	.56	.49	.44	.51	.45	.41	.45	.41	.38	.41	.37	.35	.32
7.0	.54	.46	.41	.51	.44	.40	.46	.41	.37	.42	.38	.34	.38	.34	.32	.29
8.0	.49	.42	.37	.47	.41	.36	.43	.37	.34	.39	.35	.31	.35	.32	.29	.27
9.0	.46	.38	.34	.44	.37	.33	.40	.34	.31	.36	.32	.29	.33	.29	.27	.25
10.0	.42	.35	.31	.40	.34	.30	.37	.32	.28	.34	.29	.26	.31	.27	.25	.23



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:120.5V I:0.2240A P:27.10W PF:0.9900 Freq:60.00Hz Lamp Flux:2727.28x1 lm		
NAME: 12代 2FT 黑色	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	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						Wall Exitance Coefficients (WEC)										
0.0																	
1.0	.240	.137	.043	.222	.127	.040	.189	.108	.035	.157	.091	.029	.129	.075	.024		
2.0	.228	.125	.038	.212	.117	.036	.182	.101	.031	.153	.086	.027	.127	.072	.023		
3.0	.215	.114	.034	.200	.107	.032	.172	.093	.028	.146	.080	.025	.123	.068	.021		
4.0	.201	.105	.031	.188	.098	.029	.162	.086	.026	.139	.075	.022	.117	.064	.019		
5.0	.189	.096	.028	.176	.091	.026	.153	.080	.023	.131	.069	.021	.111	.059	.018		
6.0	.177	.089	.025	.166	.084	.024	.144	.074	.022	.124	.065	.019	.106	.056	.017		
7.0	.167	.082	.023	.156	.078	.022	.136	.069	.020	.118	.060	.018	.100	.052	.015		
8.0	.157	.077	.022	.148	.073	.021	.129	.065	.018	.112	.057	.016	.096	.049	.014		
9.0	.149	.072	.020	.140	.068	.019	.122	.061	.017	.106	.053	.015	.091	.046	.013		
10.0	.141	.067	.019	.132	.064	.018	.116	.057	.016	.101	.050	.014	.087	.044	.013		

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.472	.472	.472	.403	.403	.403	.275	.275	.275	.158	.158	.158	.051	.051	.051	
1.0	.459	.441	.424	.393	.378	.365	.269	.260	.252	.155	.151	.147	.050	.048	.047	
2.0	.450	.418	.392	.385	.360	.338	.264	.249	.236	.152	.145	.138	.049	.047	.045	
3.0	.441	.401	.370	.378	.346	.320	.260	.241	.225	.150	.140	.132	.048	.046	.043	
4.0	.434	.389	.354	.372	.336	.308	.256	.234	.217	.148	.137	.128	.048	.045	.042	
5.0	.427	.379	.343	.367	.328	.298	.252	.229	.211	.146	.134	.125	.047	.044	.041	
6.0	.420	.371	.335	.361	.321	.292	.249	.225	.206	.145	.132	.123	.047	.043	.041	
7.0	.415	.364	.329	.357	.316	.287	.246	.221	.203	.143	.130	.121	.046	.043	.040	
8.0	.409	.359	.324	.352	.311	.283	.244	.218	.200	.142	.129	.119	.046	.042	.040	
9.0	.404	.354	.321	.348	.307	.280	.241	.216	.199	.140	.128	.118	.045	.042	.039	
10.0	.399	.350	.318	.344	.304	.277	.239	.214	.197	.139	.126	.118	.045	.042	.039	

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.5V I:0.2240A P:27.10W PF:0.9900 Freq:60.00Hz Lamp Flux:2727.28x1 lm										
NAME: 12代 2FT 黑色					TYPE:3500K			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: EVERFINE					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	9.8	10.8	10.5	11.5	12.3	17.0	17.9	17.7	18.6	19.5
3H	9.5	10.4	10.3	11.1	12.0	17.9	18.8	18.7	19.5	20.4
4H	9.4	10.2	10.2	10.9	11.8	18.2	19.0	19.0	19.7	20.6
6H	9.2	9.9	10.0	10.7	11.7	18.3	19.1	19.1	19.8	20.8
8H	9.1	9.8	9.9	10.6	11.6	18.3	19.0	19.1	19.8	20.7
12H	9.1	9.7	9.9	10.5	11.5	18.3	18.9	19.1	19.7	20.7
4H 2H	10.3	11.1	11.0	11.8	12.7	16.7	17.4	17.4	18.2	19.1
3H	10.0	10.6	10.8	11.4	12.4	17.7	18.3	18.5	19.1	20.1
4H	9.8	10.4	10.6	11.2	12.2	18.0	18.6	18.8	19.4	20.4
6H	9.6	10.1	10.5	11.0	12.0	18.2	18.7	19.1	19.6	20.6
8H	9.5	10.0	10.4	10.9	11.9	18.2	18.7	19.1	19.5	20.6
12H	9.5	9.9	10.3	10.8	11.8	18.2	18.6	19.1	19.5	20.6
8H 4H	9.8	10.3	10.7	11.2	12.2	17.8	18.2	18.6	19.1	20.1
6H	9.7	10.0	10.6	10.9	12.0	18.0	18.4	18.9	19.3	20.3
8H	9.6	9.9	10.5	10.8	11.9	18.0	18.4	18.9	19.3	20.4
12H	9.5	9.8	10.4	10.7	11.8	18.0	18.3	18.9	19.2	20.3
12H 4H	9.8	10.2	10.7	11.1	12.2	17.7	18.1	18.6	19.0	20.0
6H	9.6	10.0	10.6	10.9	12.0	17.9	18.2	18.8	19.1	20.3
8H	9.6	9.8	10.5	10.8	11.9	17.9	18.2	18.9	19.1	20.3
Variations with the observer position at spacings:										
S = 1.0H	+ 2.0 / - 4.5					+ 0.3 / - 0.3				
1.5H	+ 1.5 / - 3.3					+ 0.8 / - 1.2				
2.0H	+ 3.0 / - 5.2					+ 1.8 / - 2.5				

CIE Pub.117 Corrected 2727 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.5)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.5V I:0.2240A P:27.10W PF:0.9900 Freq:60.00Hz Lamp Flux:2727.28x1 lm		
NAME: 12代 2FT 黑色	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

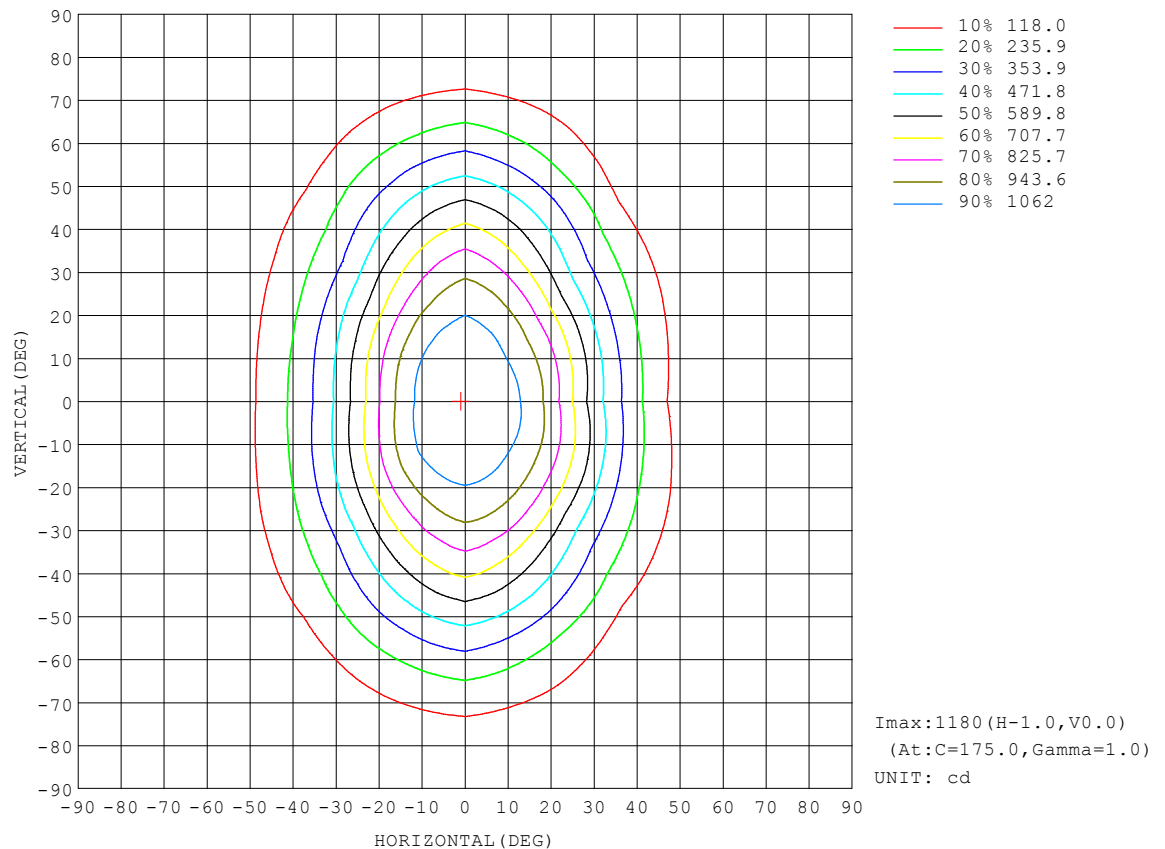
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	46	41	54	45	40	50	43	38	32
0.80	65	55	49	62	54	48	58	50	46	37
1.00	72	63	57	69	61	55	63	58	52	42
1.25	79	70	64	75	67	62	68	62	58	46
1.50	83	75	69	79	72	66	71	66	62	49
2.00	89	82	76	84	78	73	76	71	67	52
2.50	93	86	80	88	82	77	78	74	70	54
3.00	95	89	84	90	85	81	80	77	73	55
4.00	99	94	90	93	89	85	83	80	77	57
5.00	101	97	93	95	91	88	84	82	79	58
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: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.5V I:0.2240A P:27.10W PF:0.9900 Freq:60.00Hz Lamp Flux:2727.28x1 lm		
NAME: 12代 2FT 黑色	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

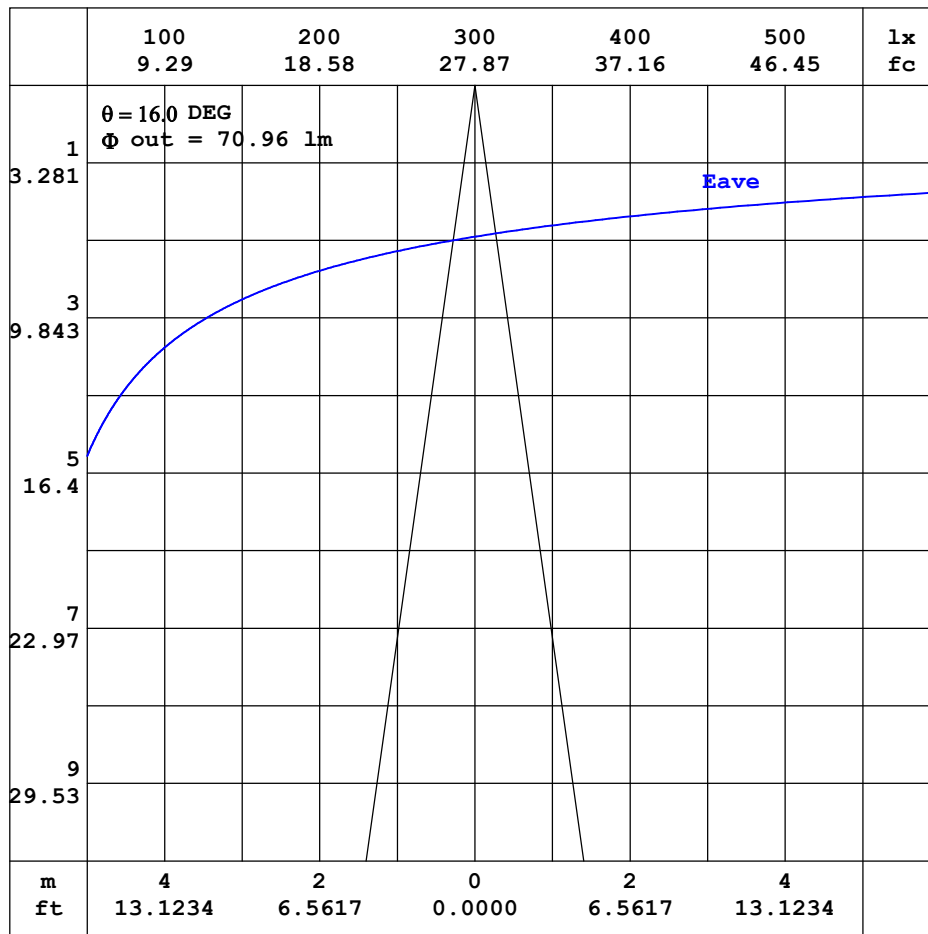


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

AAI CURVES

Test:U:120.5V I:0.2240A P:27.10W PF:0.9900 Freq:60.00Hz Lamp Flux:2727.28x1 lm		
NAME: 12代 2FT 黑色	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



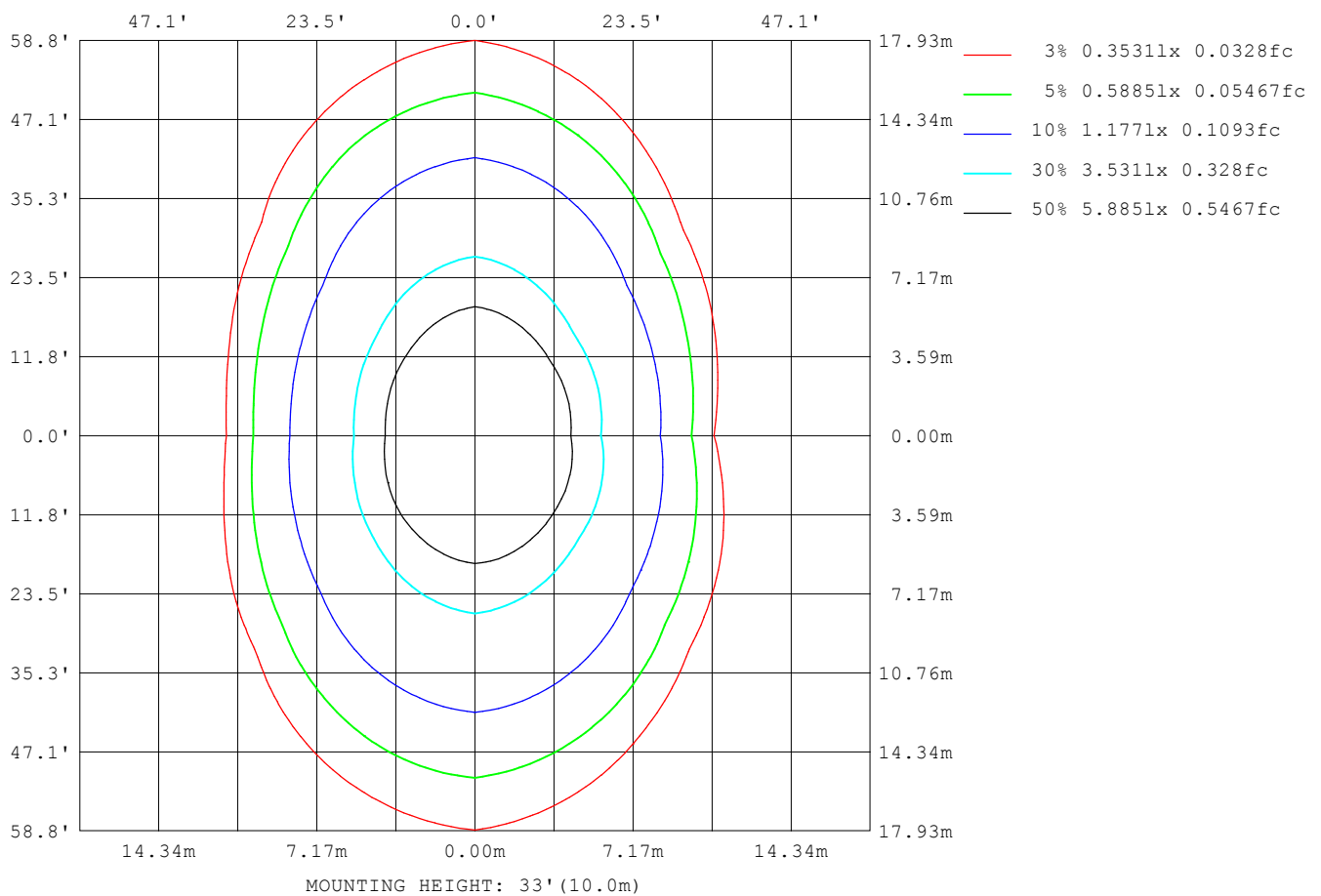
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.5V I:0.2240A P:27.10W PF:0.9900 Freq:60.00Hz Lamp Flux:2727.28x1 lm		
NAME: 12代 2FT 黑色	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.5V I:0.2240A P:27.10W PF:0.9900 Freq:60.00Hz Lamp Flux:2727.28x1 lm		
NAME: 12代 2FT 黑色	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

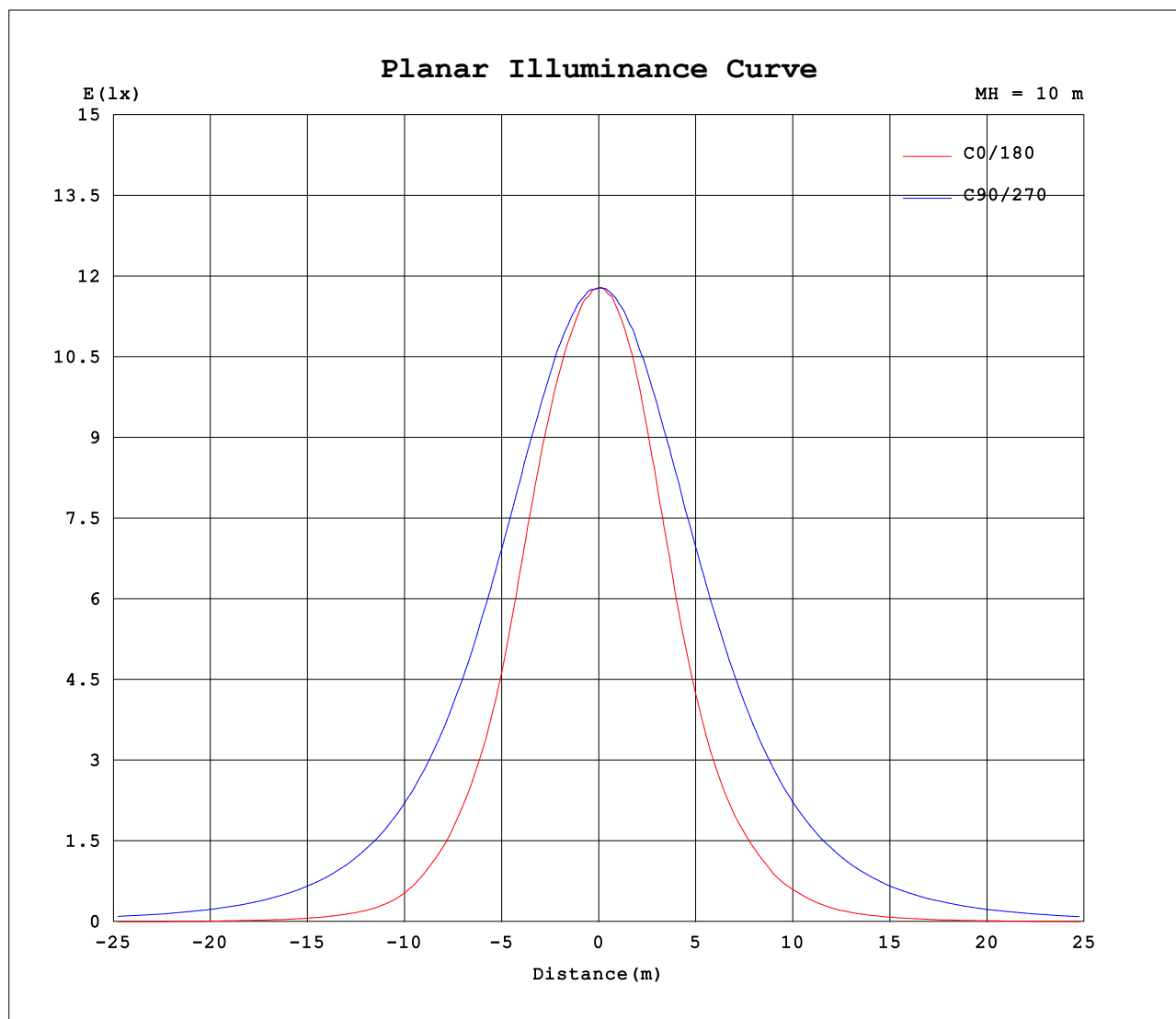
AvgL	cd/m2
L_0~180 (65) av	319
L_0~180 (75) av	105
L_0~180 (85) av	159
L_90~270 (65) av	5522
L_90~270 (75) av	3570
L_90~270 (85) av	908
L_45 (65) av	1169
L_45 (75) av	244
L_45 (85) av	213

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.5V I:0.2240A P:27.10W PF:0.9900 Freq:60.00Hz Lamp Flux:2727.28x1 lm		
NAME: 12代 2FT 黑色	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	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	1177	1177	1177	1177	1177	1178	1178	1178	1178	1178	1178	1178	1179	1179	1179	1179	1179	1179	1179
5	1159	1161	1162	1163	1164	1165	1165	1166	1167	1168	1168	1168	1169	1169	1170	1170	1170	1170	1171
10	1105	1108	1111	1113	1116	1118	1121	1123	1126	1128	1131	1133	1136	1138	1140	1142	1144	1145	1146
15	1020	1025	1030	1035	1040	1045	1050	1055	1060	1065	1071	1077	1083	1088	1093	1098	1102	1105	1107
20	888	900	911	921	932	942	952	962	972	982	993	1005	1016	1026	1035	1043	1049	1054	1057
25	706	726	745	764	783	801	818	835	852	868	888	907	925	942	956	969	979	986	991
30	531	553	575	597	618	640	661	683	704	725	754	782	808	833	856	876	892	905	913
35	391	406	423	441	460	480	500	522	544	568	603	639	674	707	738	766	790	809	823
40	264	277	292	308	326	345	365	388	411	436	476	516	555	593	629	661	689	712	728
45	151	166	181	199	217	237	258	281	305	331	371	411	451	489	525	557	585	608	624
50	82.0	93.5	106	121	137	154	173	193	215	239	276	314	351	387	421	452	479	501	517
55	45.8	50.5	57.1	65.5	75.7	87.8	102	118	135	155	188	222	257	290	322	351	377	398	414
60	25.3	23.0	22.9	24.9	29.2	35.6	44.3	55.1	68.1	83.3	112	142	173	203	232	259	283	303	318
65	9.29	5.21	3.07	2.89	4.65	8.36	14.0	21.6	31.2	42.7	65.7	89.9	115	139	163	185	204	221	234
70	3.32	0.22	0.21	0.20	0.19	0.18	0.17	3.76	10.1	18.1	34.8	52.7	70.9	89.2	107	123	138	151	160
75	2.56	0.16	0.17	0.17	0.17	0.17	0.16	0.16	0.16	3.35	14.2	25.8	37.7	49.8	61.4	72.3	82.2	90.5	97.0
80	1.59	0.19	0.20	0.20	0.20	0.20	0.20	0.20	0.19	2.42	7.58	13.1	18.8	24.5	30.0	35.1	39.7	43.6	46.6
85	1.22	0.84	0.57	0.41	0.36	0.42	0.59	0.87	1.26	1.76	2.86	4.04	5.25	6.46	7.63	8.73	9.70	10.5	11.2
90	0.99	1.16	1.30	1.42	1.51	1.57	1.61	1.63	1.61	1.57	1.41	1.22	1.03	0.83	0.63	0.45	0.28	0.14	0.03
95	1.02	0.94	0.89	0.87	0.89	0.94	1.02	1.13	1.28	1.45	1.81	2.18	2.56	2.95	3.32	3.67	3.99	4.27	4.49
100	1.48	0.52	0.46	0.49	0.52	0.54	0.55	0.55	1.01	2.10	4.54	7.16	9.87	12.6	15.2	17.7	20.0	21.9	23.4
105	2.57	0.50	0.32	0.33	0.33	0.34	0.34	0.33	1.18	3.45	8.39	13.7	19.2	24.9	30.4	35.6	40.5	44.7	48.2
110	4.29	1.89	0.26	0.22	0.22	0.22	1.33	3.50	6.44	10.1	17.3	25.0	33.0	41.3	49.4	57.4	64.8	71.6	77.6
115	10.5	10.3	10.8	11.9	13.7	16.2	19.3	23.1	27.6	32.7	40.7	49.2	58.1	67.1	76.2	85.1	93.7	102	109
120	25.4	31.1	36.8	42.6	48.6	54.6	60.8	67.1	73.4	79.9	87.1	94.3	102	109	116	123	130	136	143
125	58.1	70.8	82.8	94.2	105	115	124	132	140	147	152	156	160	163	166	169	172	175	177
130	129	142	154	165	175	184	192	199	205	210	212	213	213	213	213	213	212	212	213
135	229	234	238	243	246	250	252	255	256	258	257	256	254	253	252	250	249	249	249
140	306	305	303	302	301	299	298	297	296	295	293	291	289	287	286	285	284	284	284
145	348	344	341	337	334	331	329	326	324	323	321	319	318	317	317	316	316	317	318
150	372	368	364	361	358	355	353	351	349	347	346	346	345	345	345	345	346	347	348
155	386	383	380	377	375	373	371	369	368	368	367	367	368	368	369	370	371	373	374
160	397	395	393	391	390	389	388	387	387	387	387	388	389	390	391	392	394	395	396
165	408	407	406	405	405	404	404	404	404	404	405	406	407	408	410	411	412	413	415
170	420	420	419	419	419	419	419	419	419	419	420	421	422	423	424	425	426	427	428
175	431	430	430	429	429	429	429	429	429	429	430	430	431	431	432	433	433	434	435
180	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.5V I:0.2240A P:27.10W PF:0.9900 Freq:60.00Hz Lamp Flux:2727.28x1 lm																		
NAME: 12代 2FT 黑色									TYPE:3500K					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.: EVERFINE									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	1179	1178	1178	1178	1177	1177	1177	1176	1176	1176	1176	1176	1176	1176	1176	1177	1177	1177	1177
5	1171	1172	1172	1172	1173	1173	1173	1173	1173	1171	1170	1168	1167	1165	1164	1162	1161	1160	1159
10	1146	1146	1146	1145	1144	1142	1141	1139	1136	1132	1127	1122	1117	1113	1108	1105	1101	1099	1099
15	1107	1105	1103	1099	1095	1090	1085	1078	1071	1059	1047	1034	1022	1011	1000	990	982	976	978
20	1053	1048	1040	1031	1021	1010	997	983	968	949	929	909	890	872	856	841	828	819	823
25	982	971	957	941	922	901	880	857	833	807	781	755	731	708	688	670	655	644	649
30	900	883	862	838	811	783	752	721	689	659	630	603	576	552	531	513	498	487	492
35	808	787	761	732	699	664	627	590	553	523	494	467	442	419	400	383	370	361	365
40	711	688	659	626	590	551	511	471	431	403	376	352	329	310	293	279	269	262	264
45	607	584	555	522	485	446	406	366	327	299	274	251	231	212	197	185	175	170	172
50	502	481	455	424	391	356	319	282	246	221	198	176	157	140	126	115	106	101	103
55	400	381	358	331	301	270	237	205	173	152	133	116	101	87.7	76.8	68.1	61.9	58.2	59.7
60	307	290	270	247	221	194	166	138	111	95.5	81.9	69.9	59.5	50.8	43.9	38.6	35.1	33.3	33.4
65	224	210	193	173	152	129	106	83.4	61.5	51.2	42.3	35.0	29.0	24.3	20.9	18.7	17.7	17.7	16.8
70	153	142	129	115	98.9	82.2	65.3	48.5	32.5	25.5	19.7	15.0	11.3	8.59	6.78	5.80	5.57	6.04	5.24
75	91.6	84.3	75.4	65.4	54.6	43.4	32.0	20.9	10.5	6.95	4.29	2.43	1.27	0.73	0.71	1.12	1.88	2.89	1.76
80	43.7	39.9	35.4	30.3	24.9	19.3	13.7	8.23	3.12	1.67	0.69	0.39	0.39	0.38	0.38	0.83	1.48	2.21	1.63
85	10.6	9.79	8.85	7.80	6.67	5.49	4.31	3.16	2.08	1.74	1.49	1.33	1.24	1.21	1.24	1.31	1.42	1.54	1.52
90	0.16	0.32	0.51	0.72	0.94	1.16	1.37	1.57	1.76	1.76	1.74	1.70	1.65	1.59	1.52	1.46	1.40	1.35	1.44
95	4.37	4.20	3.98	3.73	3.45	3.17	2.88	2.60	2.33	2.27	2.24	2.23	2.24	2.27	2.31	2.37	2.44	2.51	2.50
100	22.3	20.8	19.0	16.9	14.7	12.3	9.93	7.59	5.39	4.63	4.07	3.68	3.44	3.33	3.35	3.47	3.67	3.94	3.80
105	47.2	45.3	42.8	39.7	36.3	32.5	28.6	24.6	20.6	18.3	16.1	14.1	12.4	10.9	9.71	8.80	8.20	7.94	8.53
110	78.6	78.7	77.9	76.3	74.0	71.0	67.6	63.7	59.4	54.1	48.6	43.2	38.0	33.0	28.6	24.7	21.6	19.5	22.4
115	114	118	121	124	125	125	125	123	120	112	102	92.1	82.1	72.3	63.2	55.1	48.3	43.2	49.6
120	150	157	163	169	174	178	180	182	182	173	163	153	142	131	121	112	104	98.1	105
125	184	191	197	204	210	215	221	225	228	226	222	218	214	209	205	200	197	194	197
130	218	223	229	235	241	248	254	260	265	269	271	274	276	278	279	280	280	280	281
135	252	257	261	266	272	277	283	289	295	301	306	312	317	321	325	328	331	332	331
140	287	290	293	297	301	306	310	315	320	326	332	338	343	348	352	356	359	361	359
145	320	322	325	328	331	334	338	341	345	350	355	359	363	367	371	374	376	378	376
150	350	351	353	355	357	359	361	364	366	370	373	376	379	382	384	386	388	389	388
155	375	376	377	379	380	381	383	384	386	388	390	392	394	396	397	399	400	401	400
160	398	399	400	401	402	403	404	405	406	407	408	409	410	410	411	411	411	411	411
165	416	416	417	418	419	419	420	420	421	421	421	421	421	421	421	421	421	421	421
170	428	429	430	430	431	431	431	432	432	432	432	432	432	432	432	432	432	432	432
175	435	436	436	436	437	437	437	437	437	438	438	438	438	438	438	438	438	438	437
180	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.5V I:0.2240A P:27.10W PF:0.9900 Freq:60.00Hz Lamp Flux:2727.28x1 lm		
NAME: 12代 2FT 黑色	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	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	1177	1177	1177	1178	1178	1178	1178	1178	1178	1178	1179	1179	1179	1179	1179	1179	1179	1179	1178
5	1160	1160	1160	1161	1161	1162	1163	1164	1165	1167	1168	1169	1171	1171	1172	1173	1173	1171	1170
10	1101	1103	1106	1109	1113	1116	1120	1125	1129	1133	1137	1141	1144	1147	1149	1151	1152	1149	1146
15	983	989	997	1006	1015	1025	1036	1047	1057	1066	1075	1084	1092	1099	1105	1109	1112	1107	1101
20	830	839	851	864	879	895	913	930	949	967	985	1002	1018	1032	1044	1054	1062	1056	1047
25	658	671	686	704	724	746	770	794	822	850	877	903	927	949	969	984	996	988	975
30	502	514	531	550	572	597	623	651	687	724	760	794	827	857	883	904	920	907	888
35	373	385	400	419	440	464	491	520	561	604	646	686	725	760	790	815	834	815	791
40	270	279	291	307	326	348	372	399	443	487	532	575	616	654	687	714	734	715	688
45	178	187	199	215	233	254	278	304	346	390	433	476	516	552	584	611	630	611	584
50	109	118	130	145	162	182	204	228	267	306	346	385	421	454	483	506	523	505	480
55	63.8	70.4	79.5	90.9	105	120	138	159	193	228	263	297	329	359	384	405	420	401	376
60	35.2	38.8	44.3	51.5	60.7	71.7	84.6	99.3	128	157	187	216	243	268	290	308	320	304	282
65	17.0	18.4	21.1	25.0	30.4	37.2	45.6	55.7	77.8	101	125	148	170	190	208	222	233	220	203
70	5.13	5.78	7.27	9.65	13.0	17.4	22.9	29.6	45.2	61.6	78.2	94.6	110	125	137	147	155	145	133
75	0.88	0.35	0.38	0.54	1.47	3.06	5.39	8.55	18.1	28.2	38.5	48.8	58.7	67.8	76.0	82.7	87.8	81.9	74.3
80	1.12	0.71	0.52	0.55	0.58	1.00	1.77	2.90	6.85	11.1	15.4	19.8	24.0	27.9	31.4	34.3	36.5	34.2	31.1
85	1.52	1.53	1.55	1.60	1.67	1.75	1.87	2.00	2.34	2.69	3.04	3.39	3.72	4.03	4.29	4.51	4.67	4.45	4.18
90	1.54	1.65	1.75	1.85	1.93	1.99	2.03	2.05	1.84	1.61	1.37	1.11	0.86	0.61	0.38	0.17	0.00	0.08	0.19
95	2.49	2.50	2.53	2.57	2.64	2.74	2.87	3.03	3.52	4.02	4.53	5.03	5.50	5.93	6.29	6.58	6.77	6.36	5.86
100	3.72	3.73	3.85	4.09	4.47	5.01	5.73	6.65	9.15	11.8	14.4	17.1	19.6	21.9	23.9	25.5	26.7	25.0	22.8
105	9.45	10.7	12.2	14.0	16.0	18.2	20.7	23.3	27.4	31.6	35.7	39.5	43.1	46.2	48.7	50.6	51.6	47.8	43.2
110	26.3	30.9	36.1	41.7	47.6	53.6	59.4	65.1	69.1	72.6	75.7	78.1	79.9	81.0	81.2	80.7	79.2	73.3	66.7
115	57.6	66.9	77.1	87.9	98.8	110	120	129	131	132	131	130	127	124	120	115	110	103	95.8
120	114	125	136	147	159	170	180	190	189	186	182	177	171	165	158	150	142	138	133
125	202	207	212	217	222	227	231	233	229	224	218	212	205	198	190	183	177	176	175
130	280	280	279	277	276	273	270	267	261	255	248	241	234	228	222	216	211	212	213
135	328	325	321	317	312	307	301	295	289	282	276	270	264	258	253	249	245	246	247
140	356	352	348	343	337	331	325	319	314	308	303	298	293	289	285	282	279	279	280
145	373	370	366	362	357	353	348	343	338	334	330	326	323	319	316	314	312	311	311
150	386	384	381	378	375	371	367	364	361	358	355	352	350	347	345	343	342	341	340
155	399	397	395	393	391	389	387	384	382	380	378	376	374	373	371	370	368	367	367
160	410	409	407	406	405	403	402	400	399	398	397	396	395	394	394	393	392	391	390
165	421	420	420	420	419	419	418	418	417	416	415	414	413	412	411	410	409	408	407
170	432	431	431	431	431	431	431	430	430	429	428	427	426	425	425	424	423	422	422
175	437	437	437	436	436	436	435	435	435	434	434	434	433	433	432	432	432	432	432
180	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.5V I:0.2240A P:27.10W PF:0.9900 Freq:60.00Hz Lamp Flux:2727.28x1 lm																	
NAME: 12代 2FT 黑色									TYPE:3500K						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: EVERFINE									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	1178	1178	1177	1177	1177	1176	1176	1176	1176	1176	1176	1176	1176	1176	1177				
5	1168	1165	1163	1161	1159	1157	1155	1154	1154	1154	1154	1155	1155	1157	1158				
10	1142	1137	1133	1128	1123	1118	1113	1111	1109	1107	1106	1105	1105	1104	1105				
15	1094	1086	1077	1068	1059	1050	1041	1036	1032	1028	1025	1023	1021	1020	1020				
20	1037	1025	1011	996	981	965	950	941	932	924	916	910	903	898	893				
25	960	941	920	897	874	849	825	809	794	780	766	752	740	728	716				
30	865	838	808	776	742	708	675	654	634	616	599	583	568	555	542				
35	760	726	688	648	606	565	525	501	480	460	443	429	416	405	397				
40	655	618	577	534	490	446	403	378	355	335	317	302	289	278	270				
45	552	515	475	433	389	345	302	277	253	232	213	197	182	170	159				
50	449	415	377	337	296	255	215	192	170	151	134	120	107	96.4	88.2				
55	347	314	279	242	204	166	131	111	94.1	79.6	67.7	58.2	51.4	47.0	45.1				
60	257	229	198	166	134	103	73.1	58.0	45.3	35.0	27.2	21.9	19.1	18.7	20.7				
65	183	160	136	111	85.6	61.0	37.7	26.3	17.0	9.68	4.47	1.31	0.33	1.18	4.21				
70	118	102	84.3	66.3	48.3	30.8	14.3	6.68	0.66	0.26	0.26	0.26	0.25	0.25	0.24				
75	65.4	55.5	45.0	34.1	23.2	12.7	2.90	0.26	0.26	0.25	0.24	0.23	0.22	0.20	0.18				
80	27.5	23.5	19.2	14.8	10.4	6.08	2.06	0.33	0.33	0.33	0.32	0.30	0.28	0.25	0.22				
85	3.85	3.49	3.11	2.71	2.32	1.93	1.57	1.39	1.25	1.15	1.07	1.04	1.03	1.06	1.12				
90	0.33	0.49	0.66	0.84	1.02	1.20	1.36	1.40	1.42	1.43	1.41	1.36	1.30	1.22	1.11				
95	5.29	4.67	4.01	3.33	2.66	2.01	1.40	1.11	0.88	0.72	0.67	0.66	0.63	0.67	0.81				
100	20.2	17.4	14.4	11.3	8.20	5.22	2.44	1.18	0.51	0.51	0.50	0.49	0.46	0.44	0.43				
105	38.1	32.5	26.6	20.7	14.8	9.13	3.89	1.45	0.30	0.30	0.31	0.31	0.31	0.30	0.42				
110	59.5	51.8	43.9	35.9	28.1	20.6	13.6	9.80	6.68	4.26	2.53	1.49	1.15	1.50	2.55				
115	88.4	80.7	72.9	65.0	57.3	49.7	42.5	37.2	32.4	27.9	24.0	20.4	17.3	14.6	12.4				
120	129	124	119	115	109	104	98.1	91.5	84.4	77.1	69.3	61.3	52.8	44.0	34.9				
125	175	175	174	173	172	169	166	159	150	141	130	118	105	90.4	74.8				
130	215	217	219	220	221	221	220	215	209	201	192	182	171	158	144				
135	249	252	254	257	259	261	263	261	260	257	254	250	246	241	235				
140	281	283	285	287	289	292	295	296	298	299	300	301	303	304	305				
145	312	312	314	315	317	319	321	324	326	328	331	334	337	341	344				
150	340	340	341	342	343	344	346	348	350	352	355	358	361	364	368				
155	366	365	365	365	365	366	367	368	369	371	373	375	377	380	383				
160	390	389	388	388	387	387	387	388	388	389	390	391	392	393	395				
165	407	406	406	405	405	405	404	404	405	405	405	406	406	407	407				
170	421	421	420	420	420	419	419	419	419	419	419	419	419	420	420				
175	431	431	431	431	431	431	431	431	431	431	431	431	431	431	431				
180	437	437	437	437	437	437	437	437	437	437	437	437	437	437	437				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks: