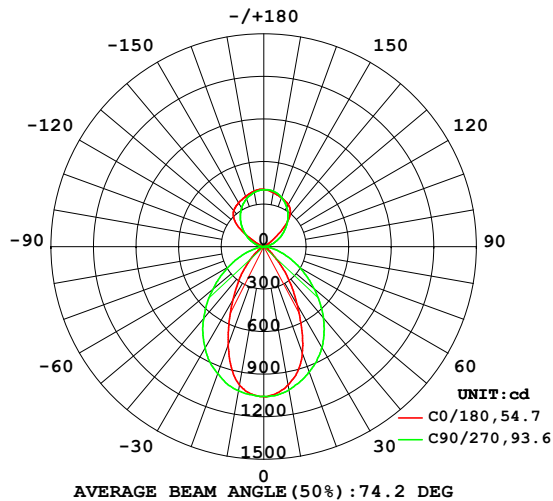


LUMINAIRE PHOTOMETRIC TEST REPORT

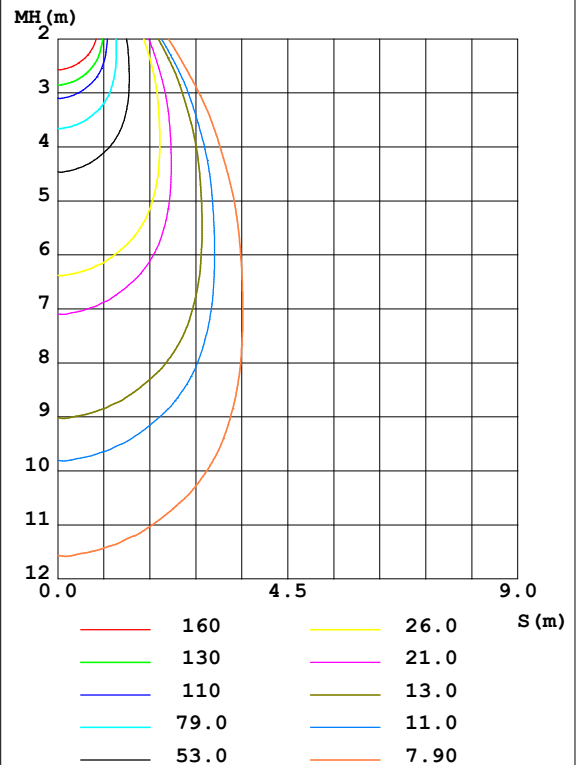
Test:U:120.5V I:0.2300A P:27.80W PF:0.9900 Freq:60.00Hz Lamp Flux:2475.05x1 lm		
NAME: 12代 2FT 黑色	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 89.03 lm/W			
MODEL		I _{max} (cd)	1060	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)	2475.1	η UP,DN (C0-180)	18.8,31.6
NOMINAL FLUX(lm)	2475.05	CIE CLASS	SEMI-D.	η UP,DN (C180-360)	18.9,30.7
LAMPS INSIDE	1	η up (%)	37.7	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)	120.0	η down (%)	62.3	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:

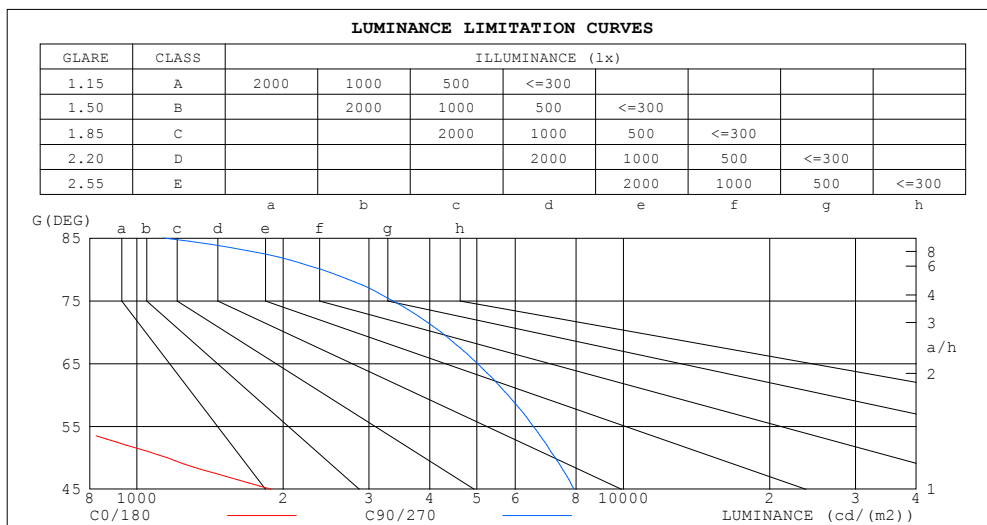
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	990.7	1007	1024	1023	991.4	1011	1031	994.6	0- 10	98.59	98.59	3.98,3.98
20	797.7	876.2	940.1	870.6	735.0	845.6	950.6	857.9	10- 20	265.4	364.0	14.7,14.7
30	471.2	643.4	821.3	617.4	437.8	585.8	826.3	604.8	20- 30	342.9	706.9	28.6,28.6
40	232.2	388.6	655.6	385.2	234.5	359.6	658.8	358.7	30- 40	321.2	1028	41.5,41.5
50	74.19	212.2	465.6	221.8	90.19	204.8	470.6	190.4	40- 50	247.3	1275	51.5,51.5
60	22.55	73.88	289.5	99.59	29.92	89.27	290.1	65.28	50- 60	157.4	1433	57.9,57.9
70	2.954	16.03	144.4	29.27	5.360	26.55	138.4	12.82	60- 70	78.02	1511	61,61
80	1.420	2.158	41.57	2.777	1.983	2.565	33.83	1.833	70- 80	27.53	1538	62.1,62.1
90	0.8775	1.409	0.0258	1.588	1.176	1.749	0.0002	1.192	80- 90	4.389	1543	62.3,62.3
100	1.348	1.953	21.92	4.651	3.472	5.663	24.26	2.202	90-100	3.578	1546	62.5,62.5
110	4.039	9.843	72.53	53.30	17.11	57.39	72.85	13.02	100-110	20.74	1567	63.3,63.3
120	24.14	76.88	133.7	167.0	86.83	173.2	130.4	93.59	110-120	69.81	1637	66.1,66.1
130	124.0	199.1	199.5	245.3	255.5	244.0	194.8	206.6	120-130	144.8	1781	72,72
140	287.0	276.4	265.9	297.4	330.4	292.4	258.1	273.1	130-140	193.5	1975	79.8,79.8
150	345.1	322.9	324.7	339.3	357.0	332.5	314.7	318.3	140-150	193.6	2169	87.6,87.6
160	367.5	359.7	369.5	375.2	377.7	366.9	359.2	355.0	150-160	161.2	2330	94.1,94.1
170	388.3	386.8	398.2	399.3	398.1	394.0	388.8	386.3	160-170	107.3	2437	98.5,98.5
180	403.2	403.2	403.2	403.2	403.2	403.2	403.2	403.2	170-180	37.97	2475	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:0.2300A P:27.80W PF:0.9900 Freq:60.00Hz Lamp Flux:2475.05x1 lm		
NAME: 12代 2FT 黑色	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



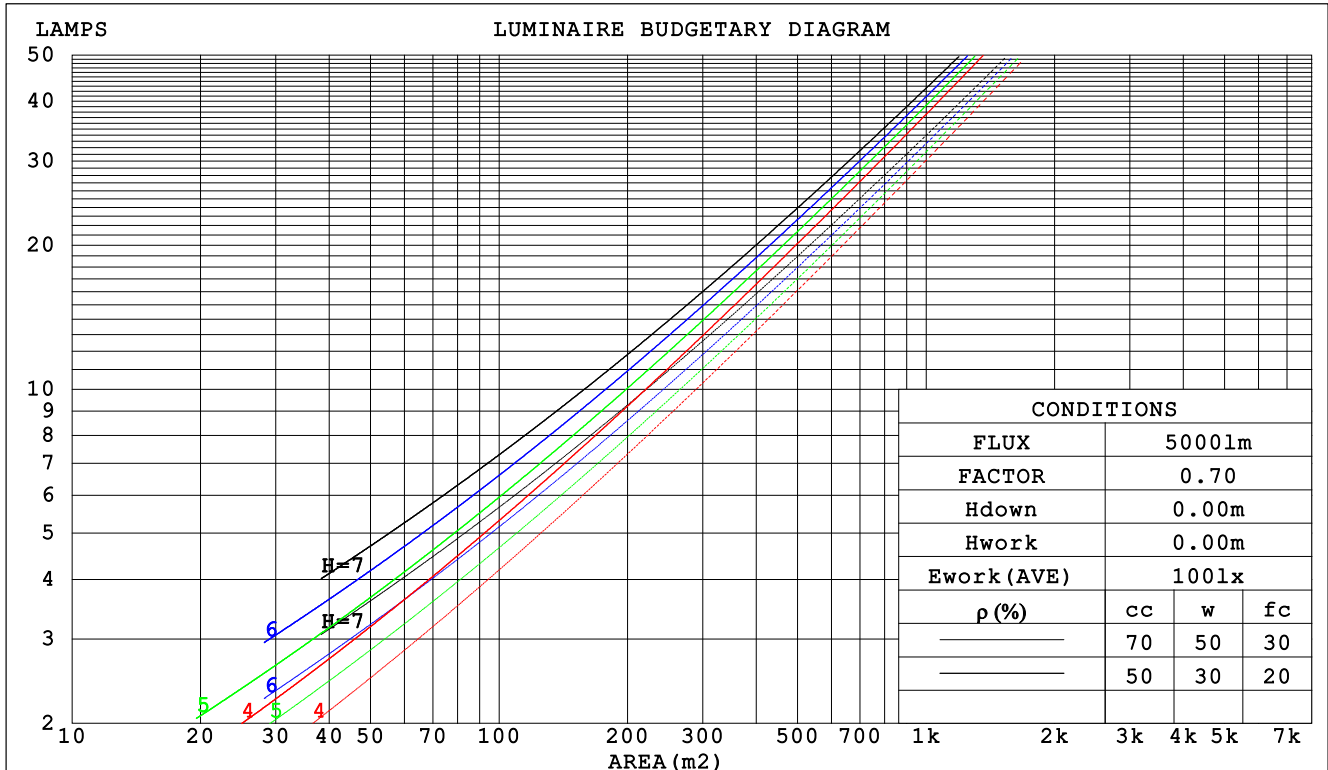
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.2300A P:27.80W PF:0.9900 Freq:60.00Hz Lamp Flux:2475.05x1 lm		
NAME: 12代 2FT 黑色	TYPE:3000K	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	.90	.90	.90	.78	.78	.78	.67	.67	.67	.62
1.0	.98	.95	.92	.93	.90	.87	.82	.79	.78	.71	.70	.69	.62	.61	.60	.56
2.0	.88	.83	.78	.83	.78	.74	.73	.70	.67	.65	.62	.60	.57	.55	.53	.49
3.0	.79	.72	.67	.75	.69	.64	.66	.62	.58	.59	.56	.53	.52	.49	.47	.44
4.0	.71	.64	.58	.67	.61	.56	.60	.55	.51	.54	.50	.47	.48	.45	.42	.39
5.0	.64	.57	.51	.61	.54	.49	.55	.50	.46	.49	.45	.42	.44	.41	.38	.35
6.0	.59	.51	.46	.56	.49	.44	.50	.45	.41	.45	.41	.38	.40	.37	.34	.32
7.0	.54	.46	.41	.51	.44	.40	.46	.41	.37	.42	.37	.34	.37	.34	.31	.29
8.0	.49	.42	.37	.47	.40	.36	.43	.37	.33	.39	.34	.31	.35	.31	.29	.27
9.0	.45	.38	.34	.43	.37	.33	.40	.34	.30	.36	.32	.28	.33	.29	.26	.25
10.0	.42	.35	.31	.40	.34	.30	.37	.32	.28	.34	.29	.26	.30	.27	.24	.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:0.2300A P:27.80W PF:0.9900 Freq:60.00Hz Lamp Flux:2475.05x1 lm		
NAME: 12代 2FT 黑色	TYPE:3000K	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	.241	.137	.043	.222	.127	.040	.188	.108	.034	.157	.090	.029	.128	.074	.024		
2.0	.228	.125	.038	.212	.117	.036	.181	.101	.031	.153	.086	.027	.126	.071	.023		
3.0	.215	.114	.034	.200	.107	.032	.172	.093	.028	.146	.080	.024	.121	.067	.021		
4.0	.201	.105	.031	.188	.098	.029	.162	.086	.026	.138	.074	.022	.116	.063	.019		
5.0	.189	.096	.028	.176	.090	.026	.153	.079	.023	.131	.069	.021	.110	.059	.018		
6.0	.177	.089	.025	.166	.084	.024	.144	.074	.021	.124	.064	.019	.105	.055	.016		
7.0	.167	.082	.023	.156	.078	.022	.136	.069	.020	.117	.060	.017	.100	.052	.015		
8.0	.157	.077	.022	.147	.073	.021	.129	.064	.018	.111	.056	.016	.095	.049	.014		
9.0	.148	.072	.020	.139	.068	.019	.122	.060	.017	.106	.053	.015	.090	.046	.013		
10.0	.141	.067	.019	.132	.064	.018	.116	.057	.016	.101	.050	.014	.086	.043	.012		

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	.478	.478	.478	.408	.408	.408	.279	.279	.279	.160	.160	.160	.051	.051	.051	
1.0	.465	.446	.429	.398	.383	.369	.272	.263	.256	.157	.152	.149	.050	.049	.048	
2.0	.455	.424	.397	.390	.365	.343	.267	.252	.239	.154	.147	.140	.049	.047	.046	
3.0	.447	.407	.375	.383	.351	.325	.263	.244	.228	.152	.142	.134	.049	.046	.044	
4.0	.439	.394	.360	.377	.341	.312	.259	.237	.220	.150	.139	.130	.048	.045	.043	
5.0	.432	.384	.349	.371	.332	.303	.256	.232	.214	.148	.136	.127	.048	.044	.042	
6.0	.426	.376	.341	.366	.326	.297	.253	.228	.210	.147	.134	.125	.047	.044	.041	
7.0	.420	.370	.334	.361	.320	.291	.250	.225	.207	.145	.132	.123	.047	.043	.041	
8.0	.415	.364	.330	.357	.316	.288	.247	.222	.204	.144	.131	.122	.046	.043	.040	
9.0	.409	.360	.326	.353	.312	.285	.244	.219	.202	.142	.130	.120	.046	.043	.040	
10.0	.405	.356	.323	.349	.309	.282	.242	.217	.200	.141	.129	.120	.046	.042	.040	

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:0.2300A P:27.80W PF:0.9900 Freq:60.00Hz Lamp Flux:2475.05x1 lm										
NAME: 12代 2FT 黑色					TYPE:3000K			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	9.3	10.2	10.0	10.9	11.8	16.6	17.5	17.3	18.2	19.1
3H	9.0	9.8	9.8	10.6	11.5	17.5	18.4	18.3	19.1	20.0
4H	8.8	9.6	9.6	10.4	11.3	17.8	18.6	18.6	19.3	20.3
6H	8.7	9.4	9.5	10.2	11.1	17.9	18.6	18.7	19.4	20.4
8H	8.6	9.3	9.4	10.1	11.0	17.9	18.6	18.7	19.4	20.4
12H	8.5	9.2	9.3	10.0	11.0	17.9	18.5	18.7	19.3	20.3
4H 2H	9.8	10.5	10.5	11.3	12.2	16.3	17.0	17.0	17.8	18.7
3H	9.4	10.1	10.3	10.9	11.9	17.3	17.9	18.1	18.7	19.7
4H	9.3	9.9	10.1	10.7	11.7	17.6	18.2	18.4	19.0	20.0
6H	9.1	9.6	10.0	10.5	11.5	17.8	18.3	18.7	19.1	20.2
8H	9.0	9.5	9.9	10.4	11.4	17.8	18.3	18.7	19.1	20.2
12H	8.9	9.4	9.8	10.2	11.3	17.8	18.2	18.7	19.1	20.2
8H 4H	9.3	9.8	10.2	10.6	11.7	17.4	17.8	18.2	18.7	19.7
6H	9.1	9.5	10.0	10.4	11.5	17.6	18.0	18.5	18.8	20.0
8H	9.1	9.4	10.0	10.3	11.4	17.6	17.9	18.5	18.8	20.0
12H	9.0	9.3	9.9	10.2	11.3	17.6	17.9	18.5	18.8	19.9
12H 4H	9.3	9.7	10.2	10.6	11.7	17.3	17.7	18.2	18.6	19.7
6H	9.1	9.5	10.0	10.4	11.5	17.5	17.8	18.4	18.7	19.9
8H	9.0	9.3	10.0	10.2	11.4	17.5	17.8	18.5	18.7	19.9
Variations with the observer position at spacings:										
S = 1.0H	+ 2.0 / - 4.5					+ 0.3 / - 0.3				
1.5H	+ 1.5 / - 3.2					+ 0.8 / - 1.2				
2.0H	+ 3.0 / - 5.2					+ 1.8 / - 2.6				

CIE Pub.117 Corrected 2475 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.1)

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:0.2300A P:27.80W PF:0.9900 Freq:60.00Hz Lamp Flux:2475.05x1 lm		
NAME: 12代 2FT 黑色	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

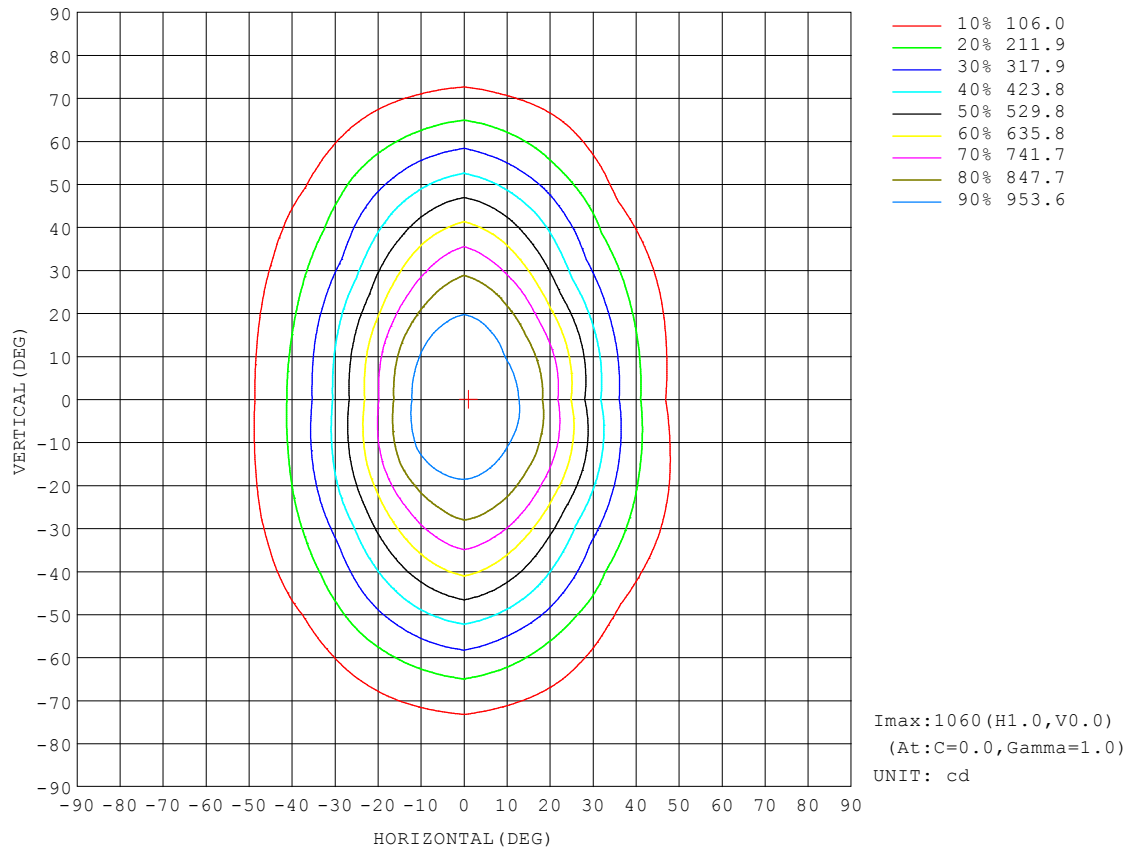
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	46	40	53	45	40	50	42	38	31
0.80	65	55	49	62	53	48	57	50	46	37
1.00	72	63	56	69	60	55	63	57	52	42
1.25	78	69	63	75	67	61	68	62	57	46
1.50	83	74	68	79	71	66	71	65	61	48
2.00	89	81	76	84	78	73	75	71	67	52
2.50	92	85	80	87	81	77	78	73	70	53
3.00	95	89	84	90	85	80	80	76	73	55
4.00	99	94	89	93	89	85	82	79	77	57
5.00	101	96	93	95	91	88	84	81	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:0.2300A P:27.80W PF:0.9900 Freq:60.00Hz Lamp Flux:2475.05x1 lm		
NAME: 12代 2FT 黑色	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

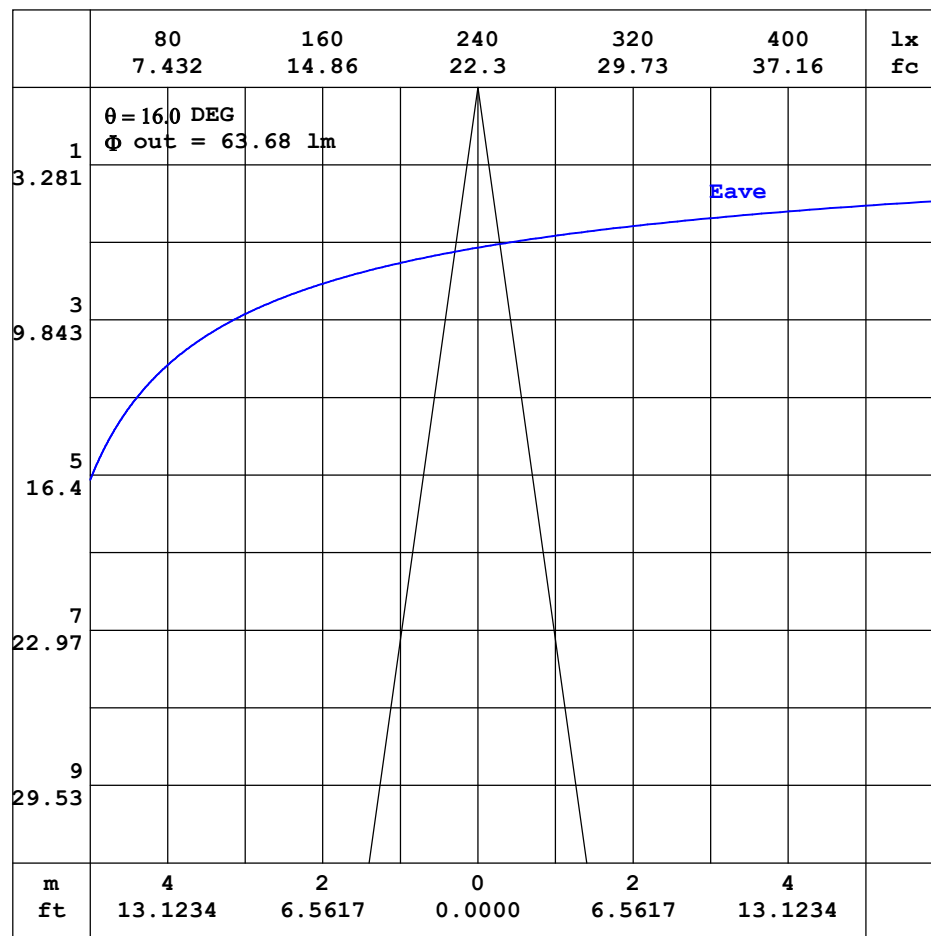


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.2300A P:27.80W PF:0.9900 Freq:60.00Hz Lamp Flux:2475.05x1 lm		
NAME: 12代 2FT 黑色	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



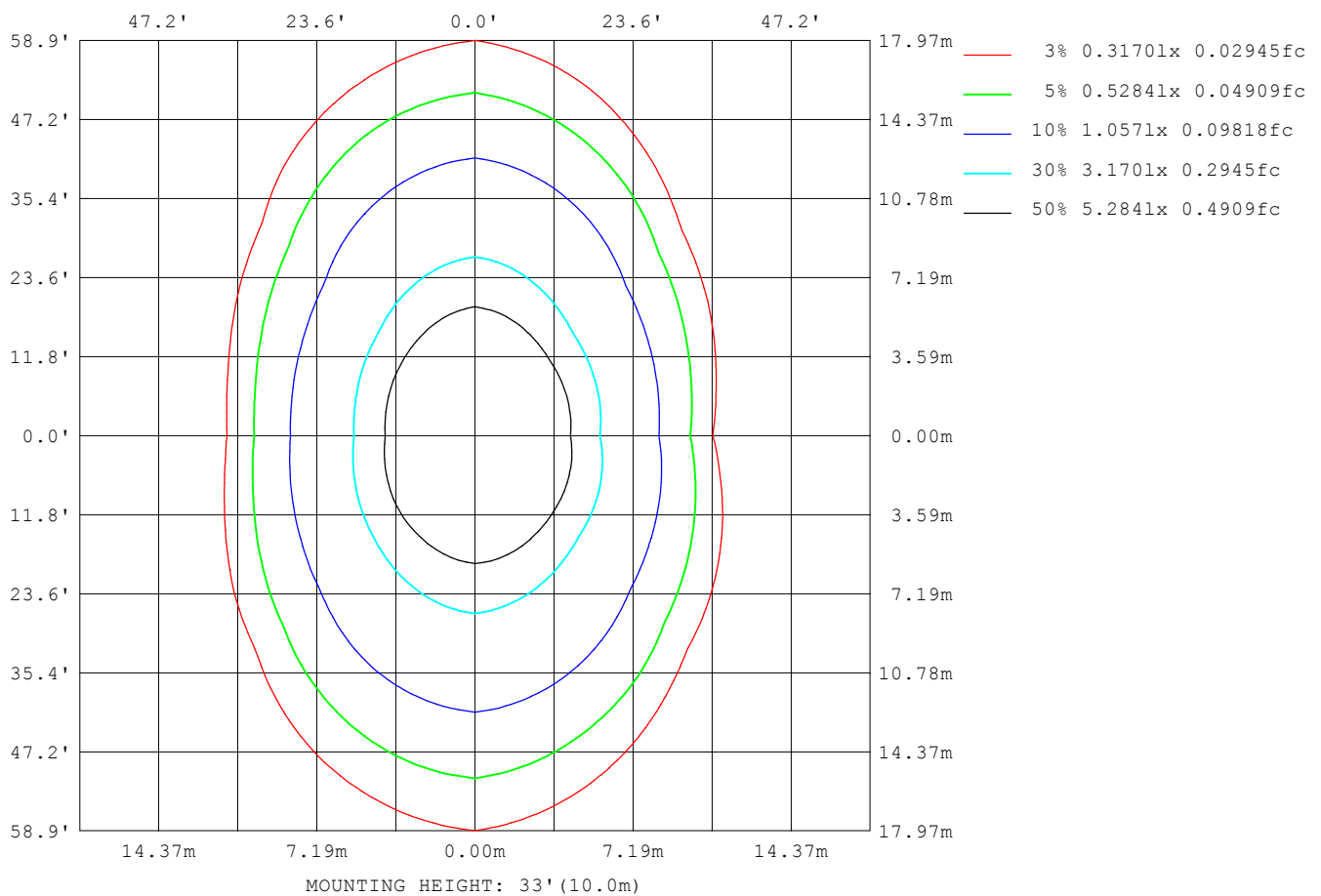
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.2300A P:27.80W PF:0.9900 Freq:60.00Hz Lamp Flux:2475.05x1 lm		
NAME: 12代 2FT 黑色	TYPE:3000K	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:0.2300A P:27.80W PF:0.9900 Freq:60.00Hz Lamp Flux:2475.05x1 lm		
NAME: 12代 2FT 黑色	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

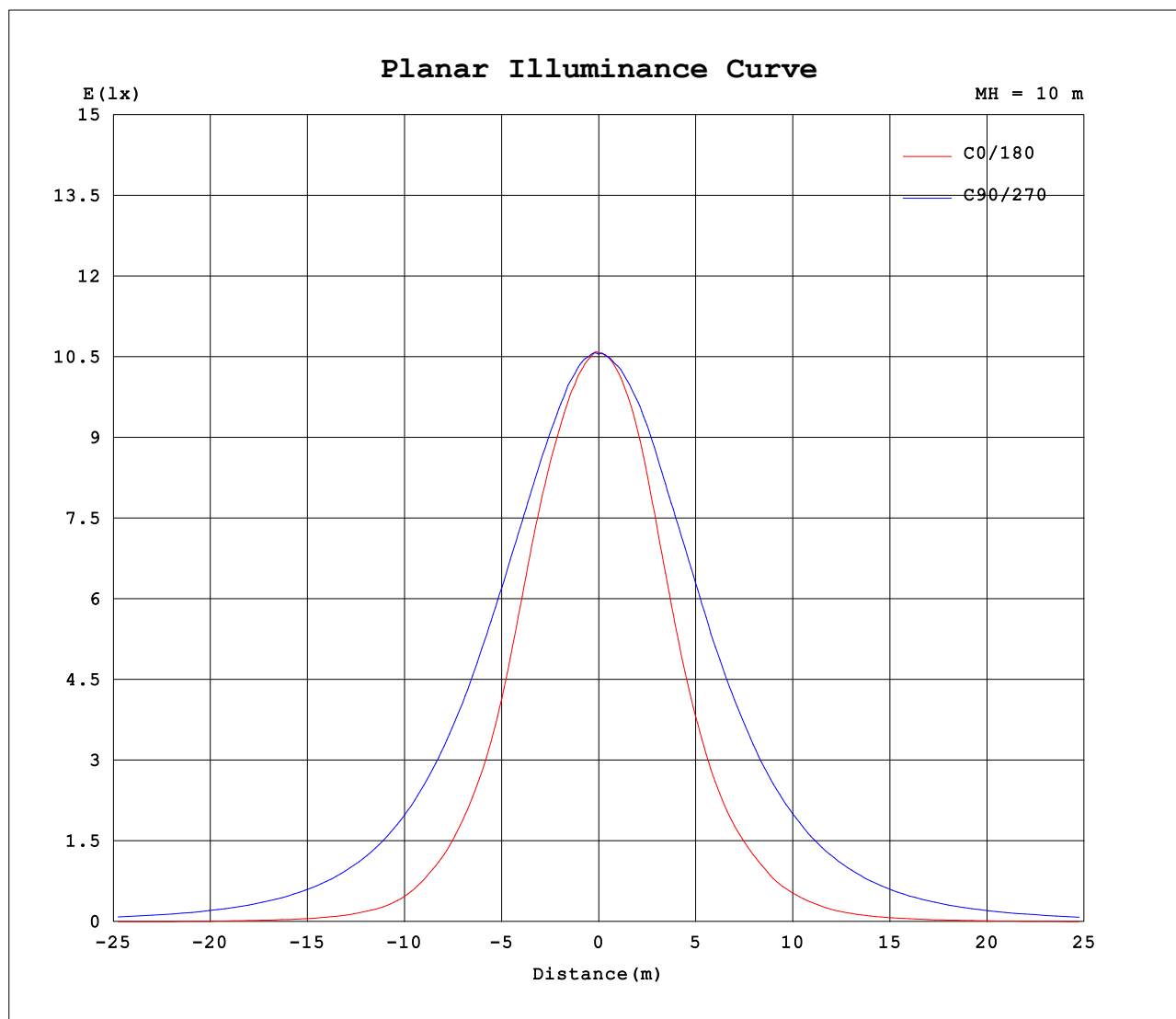
AvgL	cd/m2
L_0~180 (65) av	286
L_0~180 (75) av	95
L_0~180 (85) av	142
L_90~270 (65) av	4994
L_90~270 (75) av	3215
L_90~270 (85) av	817
L_45 (65) av	1044
L_45 (75) av	218
L_45 (85) av	189

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:0.2300A P:27.80W PF:0.9900 Freq:60.00Hz Lamp Flux:2475.05x1 lm		
NAME: 12代 2FT 黑色	TYPE:3000K	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	1057	1057	1058	1058	1058	1058	1058	1059	1059	1058	1058	1058	1057	1057	1057	1056	1056	1055	1055
5	1038	1039	1040	1041	1042	1043	1044	1045	1045	1046	1047	1048	1049	1049	1050	1051	1051	1052	1052
10	991	993	994	996	998	1000	1002	1004	1006	1007	1010	1012	1014	1016	1018	1020	1021	1023	1024
15	917	920	924	928	931	935	939	943	947	950	955	960	965	970	974	978	982	985	987
20	798	807	816	825	834	843	852	860	868	876	886	896	905	913	921	928	933	937	940
25	631	648	665	682	698	714	729	744	759	773	791	809	825	841	854	866	876	883	887
30	471	490	509	528	547	566	585	605	624	643	670	696	721	745	766	785	801	813	821
35	344	358	374	390	407	425	444	464	485	506	539	572	604	635	663	689	711	729	741
40	232	244	257	272	288	305	324	344	366	389	425	461	497	532	565	594	620	641	656
45	134	146	160	176	192	210	229	250	271	294	330	367	403	438	470	499	525	545	560
50	74.2	83.8	94.9	107	121	137	153	172	191	212	246	280	314	347	378	406	431	451	466
55	40.9	44.0	49.0	55.7	64.3	74.7	86.9	101	117	134	165	196	228	259	289	316	340	360	375
60	22.6	20.1	19.8	21.4	25.1	30.8	38.5	48.3	60.1	73.9	100	128	156	183	210	235	257	275	289
65	8.22	4.42	2.39	2.15	3.69	7.00	12.1	19.0	27.6	38.1	59.0	81.0	103	126	147	167	185	200	212
70	2.95	0.15	0.15	0.15	0.14	0.14	0.14	3.17	8.89	16.0	31.2	47.2	63.7	80.2	96.1	111	124	136	144
75	2.31	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	2.97	12.7	23.0	33.8	44.5	55.0	64.8	73.6	81.1	86.9
80	1.42	0.16	0.16	0.17	0.17	0.18	0.18	0.17	0.17	2.16	6.76	11.7	16.8	21.8	26.8	31.3	35.5	38.9	41.6
85	1.10	0.76	0.52	0.38	0.34	0.39	0.54	0.78	1.13	1.57	2.55	3.59	4.66	5.73	6.77	7.74	8.60	9.33	9.89
90	0.88	1.03	1.16	1.27	1.35	1.41	1.44	1.46	1.44	1.41	1.26	1.10	0.92	0.74	0.57	0.40	0.25	0.12	0.03
95	0.90	0.82	0.76	0.74	0.75	0.80	0.88	0.99	1.13	1.30	1.66	2.03	2.42	2.80	3.18	3.53	3.85	4.13	4.35
100	1.35	0.46	0.40	0.43	0.46	0.48	0.49	0.49	0.93	1.95	4.25	6.71	9.25	11.8	14.3	16.6	18.7	20.5	21.9
105	2.33	0.41	0.28	0.29	0.29	0.30	0.30	0.30	1.10	3.21	7.82	12.8	17.9	23.1	28.3	33.1	37.6	41.6	44.8
110	4.04	1.87	0.41	0.20	0.20	0.24	1.59	3.64	6.39	9.84	16.5	23.7	31.3	38.9	46.5	53.9	60.8	67.1	72.5
115	10.2	10.1	10.7	11.8	13.6	16.0	18.9	22.5	26.8	31.6	39.1	47.1	55.3	63.7	72.1	80.4	88.3	95.8	103
120	24.1	29.8	35.5	41.3	47.1	52.9	58.8	64.8	70.8	76.9	83.5	90.1	96.7	103	110	116	122	128	134
125	55.9	68.2	79.8	90.7	101	110	119	127	134	141	145	149	152	155	157	160	162	164	167
130	124	136	147	157	167	175	182	189	194	199	201	201	202	201	201	200	200	199	199
135	218	222	226	230	233	235	238	239	241	242	241	240	238	237	235	234	233	233	233
140	287	286	285	283	282	281	280	279	278	276	274	273	271	269	268	267	266	266	266
145	325	321	318	314	312	309	306	304	302	301	299	298	296	296	295	295	295	295	296
150	345	341	338	335	332	330	328	326	324	323	322	322	321	321	322	322	323	324	325
155	357	354	352	350	348	347	345	344	343	343	343	343	343	344	344	345	346	347	348
160	367	366	364	363	362	361	360	360	360	360	360	361	362	363	364	366	367	368	370
165	378	377	376	375	375	374	374	374	374	375	376	377	378	380	381	383	384	386	387
170	388	388	387	386	386	386	386	386	386	387	388	389	390	392	393	394	396	397	398
175	399	398	397	397	397	396	396	396	396	396	397	397	398	399	400	400	401	402	403
180	403	403	403	403	403	403	403	403	403	403	403	403	403	403	403	403	403	403	403

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:0.2300A P:27.80W PF:0.9900 Freq:60.00Hz Lamp Flux:2475.05x1 lm																		
NAME: 12代 2FT 黑色									TYPE:3000K					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	1054	1054	1054	1054	1053	1053	1053	1053	1053	1053	1054	1054	1055	1055	1055	1056	1056	1057	1057
5	1052	1052	1052	1052	1052	1052	1051	1051	1050	1049	1048	1047	1046	1045	1044	1044	1043	1042	1042
10	1025	1026	1026	1026	1026	1026	1025	1024	1023	1019	1016	1012	1008	1004	1000	997	994	991	992
15	987	987	986	984	981	978	974	969	964	954	944	934	924	914	905	896	889	884	886
20	938	934	928	922	914	904	894	883	871	853	835	817	800	783	768	755	744	735	740
25	880	870	858	843	826	808	789	769	748	724	701	678	656	636	618	602	589	579	584
30	810	795	776	754	729	703	675	646	617	591	565	540	517	495	476	460	447	438	442
35	728	709	685	658	628	596	563	529	495	468	442	418	396	376	358	343	332	324	328
40	640	619	593	563	530	494	458	421	385	360	336	314	294	277	262	250	241	235	237
45	545	524	498	468	436	401	365	329	293	269	246	225	207	190	176	165	157	152	154
50	452	433	409	382	353	321	288	254	222	199	178	159	141	126	113	103	95.1	90.2	92.5
55	362	345	324	300	273	244	214	185	156	137	120	104	90.8	78.9	69.1	61.2	55.6	52.2	53.4
60	279	264	245	224	200	175	150	124	99.6	85.8	73.4	62.6	53.3	45.5	39.2	34.6	31.5	29.9	29.9
65	203	190	174	157	137	117	95.7	75.0	55.2	45.8	37.9	31.2	25.9	21.7	18.7	16.8	15.9	16.0	15.1
70	137	128	117	103	89.0	74.0	58.7	43.7	29.3	22.9	17.7	13.4	10.1	7.68	6.04	5.15	4.95	5.36	4.65
75	82.0	75.5	67.6	58.6	49.0	38.9	28.8	18.9	9.49	6.31	3.93	2.25	1.21	0.71	0.68	1.04	1.70	2.60	1.55
80	39.0	35.6	31.6	27.1	22.2	17.2	12.2	7.34	2.78	1.48	0.61	0.33	0.33	0.32	0.31	0.75	1.33	1.98	1.44
85	9.37	8.68	7.85	6.93	5.93	4.89	3.85	2.83	1.88	1.57	1.35	1.20	1.12	1.10	1.12	1.18	1.27	1.38	1.35
90	0.14	0.29	0.46	0.65	0.85	1.04	1.24	1.42	1.59	1.59	1.56	1.52	1.47	1.41	1.35	1.29	1.23	1.18	1.25
95	4.22	4.04	3.81	3.55	3.26	2.97	2.67	2.38	2.10	2.04	2.01	1.99	2.00	2.03	2.07	2.12	2.18	2.25	2.22
100	20.9	19.4	17.7	15.7	13.5	11.3	8.97	6.75	4.65	3.96	3.45	3.10	2.90	2.82	2.86	3.00	3.20	3.47	3.31
105	43.7	41.9	39.4	36.5	33.2	29.6	25.8	22.0	18.3	16.1	14.1	12.3	10.8	9.46	8.40	7.60	7.09	6.86	7.33
110	73.3	73.0	72.0	70.2	67.8	64.8	61.3	57.5	53.3	48.4	43.4	38.5	33.8	29.3	25.3	21.8	19.1	17.1	19.7
115	107	110	113	115	116	116	115	113	111	102	93.3	84.0	74.6	65.5	56.9	49.3	42.9	38.0	43.7
120	140	146	152	157	161	164	166	167	167	159	149	139	129	119	109	100	92.6	86.8	93.6
125	172	179	185	190	196	201	205	209	212	209	205	201	196	191	186	181	177	174	178
130	204	209	214	219	224	230	235	240	245	248	250	252	253	254	255	256	256	256	256
135	236	240	244	248	253	258	263	269	274	278	283	287	291	295	298	300	302	303	302
140	268	271	274	277	281	285	289	293	297	302	307	312	316	320	324	327	329	330	328
145	298	299	302	304	307	309	312	315	319	323	327	330	334	337	340	343	345	346	344
150	326	327	329	330	332	334	335	337	339	342	345	347	350	352	354	355	356	357	356
155	349	350	352	353	354	356	357	358	359	361	362	363	364	365	366	367	367	367	366
160	370	371	372	373	373	374	374	375	375	376	376	377	377	378	378	378	378	378	377
165	388	388	388	389	389	389	389	389	389	389	389	389	389	389	389	389	389	388	388
170	399	399	399	399	400	400	400	399	399	399	399	399	399	399	399	399	398	398	398
175	403	404	404	404	405	405	405	405	406	406	406	406	405	405	405	405	405	404	404
180	403	403	403	403	403	403	403	403	403	403	403	403	403	403	403	403	403	403	403

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:0.2300A P:27.80W PF:0.9900 Freq:60.00Hz Lamp Flux:2475.05x1 lm		
NAME: 12代 2FT 黑色	TYPE:3000K	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	1057	1058	1058	1058	1058	1058	1058	1058	1058	1058	1057	1057	1057	1056	1056	1055	1055	1054	1054
5	1042	1043	1043	1044	1044	1045	1045	1046	1046	1047	1047	1048	1048	1048	1048	1048	1048	1047	1046
10	993	995	997	999	1002	1005	1008	1011	1014	1017	1020	1023	1026	1028	1030	1031	1031	1028	1025
15	890	896	903	910	918	927	936	946	954	963	971	978	985	991	996	1000	1002	998	992
20	747	757	769	782	797	813	829	846	861	876	891	904	917	928	938	945	951	946	939
25	592	604	618	635	653	673	695	717	742	767	792	815	837	857	874	889	899	891	880
30	451	462	477	495	515	537	560	586	618	651	683	714	744	770	793	812	826	814	798
35	335	345	359	376	395	417	441	467	504	543	580	617	652	684	711	734	750	734	712
40	242	251	262	276	294	313	335	360	398	438	478	517	554	587	617	641	659	641	617
45	159	167	178	192	209	228	249	273	311	350	389	428	464	497	526	549	567	549	525
50	97.7	106	116	130	145	163	183	205	240	275	311	346	378	408	434	455	471	453	431
55	56.9	62.6	70.6	80.6	92.8	107	123	141	172	204	236	267	296	323	346	365	379	361	339
60	31.5	34.8	39.6	46.2	54.4	64.3	75.9	89.3	115	142	169	195	220	242	262	278	290	275	256
65	15.3	16.5	18.8	22.3	27.1	33.2	40.7	49.7	69.8	90.8	112	133	153	171	187	200	210	198	183
70	4.56	5.16	6.50	8.64	11.7	15.6	20.5	26.5	40.5	55.1	70.0	84.6	98.5	111	123	132	138	130	119
75	0.73	0.28	0.31	0.36	1.18	2.61	4.71	7.56	16.2	25.4	34.8	44.1	53.1	61.4	68.8	74.9	79.5	74.2	67.3
80	0.96	0.58	0.42	0.45	0.48	0.82	1.52	2.57	6.24	10.2	14.2	18.3	22.2	25.8	29.0	31.8	33.8	31.7	28.8
85	1.34	1.34	1.36	1.40	1.45	1.53	1.63	1.76	2.08	2.42	2.77	3.10	3.43	3.73	3.99	4.20	4.36	4.15	3.89
90	1.33	1.42	1.51	1.58	1.65	1.71	1.74	1.75	1.57	1.38	1.16	0.95	0.73	0.52	0.32	0.15	0.00	0.07	0.17
95	2.21	2.20	2.20	2.23	2.28	2.35	2.46	2.60	3.05	3.52	4.00	4.47	4.92	5.32	5.67	5.95	6.13	5.77	5.31
100	3.21	3.18	3.25	3.44	3.75	4.22	4.85	5.66	7.96	10.4	12.9	15.3	17.6	19.8	21.6	23.2	24.3	22.7	20.7
105	8.08	9.10	10.4	11.9	13.7	15.7	17.8	20.2	24.1	28.0	31.8	35.5	38.9	41.9	44.3	46.2	47.2	43.8	39.6
110	23.0	27.0	31.6	36.5	41.7	47.0	52.3	57.4	61.3	64.7	67.8	70.3	72.3	73.6	74.1	73.9	72.9	67.6	61.6
115	50.9	59.3	68.5	78.3	88.2	98.0	107	116	118	119	119	117	116	113	109	105	100	94.5	88.3
120	102	112	122	133	144	155	165	173	172	170	167	162	157	151	144	137	130	127	123
125	182	187	192	198	203	207	211	214	210	206	200	194	188	181	174	168	162	162	162
130	255	255	254	253	251	249	247	244	239	233	227	221	215	209	204	199	195	196	198
135	300	297	293	289	285	280	276	270	265	259	253	248	243	238	234	230	227	227	229
140	325	322	318	313	308	303	298	292	288	283	278	274	270	266	263	260	258	258	259
145	342	338	335	331	327	322	318	313	310	306	303	299	296	294	291	289	287	287	287
150	354	351	348	345	342	339	336	332	330	327	325	323	321	319	317	316	315	314	314
155	364	363	361	359	357	355	353	350	349	347	346	344	343	342	341	340	339	338	337
160	376	375	374	372	371	370	368	367	366	365	364	363	362	361	361	360	359	358	358
165	387	386	386	385	384	384	383	382	381	381	380	379	378	378	377	376	376	375	374
170	397	397	397	396	396	395	395	394	393	393	392	392	391	390	390	389	389	388	388
175	404	403	403	402	402	402	401	401	400	400	400	399	399	399	399	398	398	398	398
180	403	403	403	403	403	403	403	403	403	403	403	403	403	403	403	403	403	403	403

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:0.2300A P:27.80W PF:0.9900 Freq:60.00Hz Lamp Flux:2475.05x1 lm																	
NAME: 12代 2FT 黑色									TYPE:3000K						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	1054	1054	1053	1053	1053	1053	1053	1053	1053	1054	1054	1055	1055	1056	1056				
5	1044	1043	1041	1039	1038	1037	1035	1035	1035	1035	1035	1035	1035	1036	1037				
10	1021	1017	1012	1008	1003	999	995	993	991	990	989	988	988	989	989				
15	986	978	970	962	953	945	937	932	928	925	922	920	918	917	917				
20	930	920	909	897	884	871	858	850	842	834	827	820	814	808	803				
25	865	848	829	808	787	765	742	728	714	700	687	675	663	652	641				
30	777	752	725	696	666	635	605	586	568	551	535	520	506	493	482				
35	684	653	619	582	545	507	471	449	430	412	396	382	369	359	351				
40	587	553	517	478	438	398	359	336	316	297	281	267	255	245	238				
45	496	463	426	387	348	308	269	246	225	206	189	174	161	150	141				
50	403	371	337	301	263	226	190	169	150	133	118	106	94.7	85.8	79.0				
55	313	283	250	217	182	148	116	98.2	82.9	70.0	59.3	51.0	45.0	41.3	40.0				
60	232	207	179	150	121	92.4	65.3	51.5	40.0	30.8	23.8	19.1	16.6	16.3	18.3				
65	165	144	122	99.7	76.9	54.7	33.6	23.3	14.9	8.34	3.65	0.83	0.22	0.80	3.58				
70	106	90.9	75.4	59.3	43.2	27.5	12.8	6.01	0.63	0.18	0.18	0.18	0.17	0.17	0.16				
75	59.3	50.3	40.7	30.8	21.0	11.5	2.57	0.19	0.19	0.19	0.18	0.18	0.17	0.15	0.14				
80	25.5	21.8	17.8	13.7	9.55	5.56	1.83	0.27	0.27	0.27	0.26	0.24	0.23	0.20	0.18				
85	3.58	3.23	2.87	2.49	2.11	1.74	1.39	1.22	1.09	0.99	0.93	0.90	0.90	0.93	1.00				
90	0.29	0.43	0.58	0.74	0.90	1.05	1.19	1.23	1.25	1.25	1.24	1.20	1.15	1.08	0.99				
95	4.79	4.22	3.61	2.99	2.38	1.78	1.22	0.96	0.75	0.61	0.59	0.58	0.56	0.58	0.71				
100	18.4	15.8	13.1	10.3	7.45	4.74	2.20	1.06	0.47	0.47	0.46	0.44	0.42	0.39	0.40				
105	34.9	29.8	24.4	19.0	13.6	8.37	3.54	1.31	0.26	0.27	0.27	0.27	0.27	0.26	0.37				
110	55.0	48.1	40.8	33.5	26.4	19.5	13.0	9.51	6.63	4.38	2.75	1.76	1.38	1.64	2.53				
115	81.7	74.9	67.9	60.9	54.0	47.2	40.7	35.9	31.4	27.3	23.6	20.2	17.1	14.5	12.1				
120	119	116	112	108	103	98.6	93.6	87.5	81.0	74.1	66.8	59.0	50.9	42.4	33.5				
125	162	162	162	161	160	158	156	149	142	133	123	112	99.6	86.2	71.6				
130	200	202	204	205	207	207	207	202	196	190	181	172	162	150	138				
135	231	233	235	238	240	242	244	243	242	240	238	235	231	227	223				
140	260	262	264	266	268	271	273	275	276	278	279	281	282	284	286				
145	288	288	289	291	293	295	297	299	302	304	307	310	313	317	321				
150	313	314	314	315	316	317	318	320	322	325	327	330	334	337	341				
155	337	336	336	336	336	337	337	338	340	341	343	346	348	351	354				
160	357	356	356	355	355	355	355	356	356	357	358	360	361	363	365				
165	374	373	373	372	372	372	371	372	372	372	373	374	374	375	376				
170	388	387	387	387	386	386	386	386	386	386	387	387	387	387	388				
175	398	398	398	398	398	398	398	398	398	398	398	398	398	398	399				
180	403	403	403	403	403	403	403	403	403	403	403	403	403	403	403				

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: