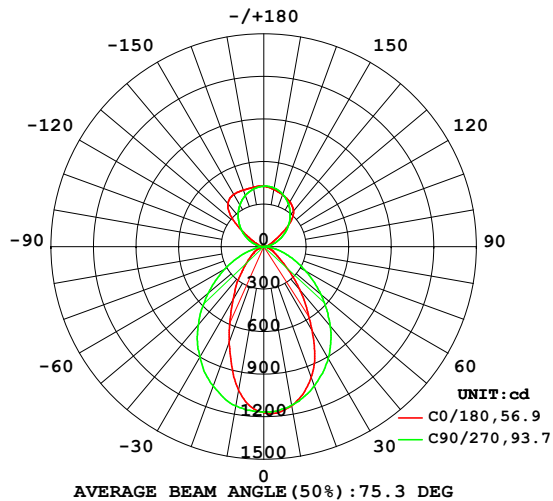


LUMINAIRE PHOTOMETRIC TEST REPORT

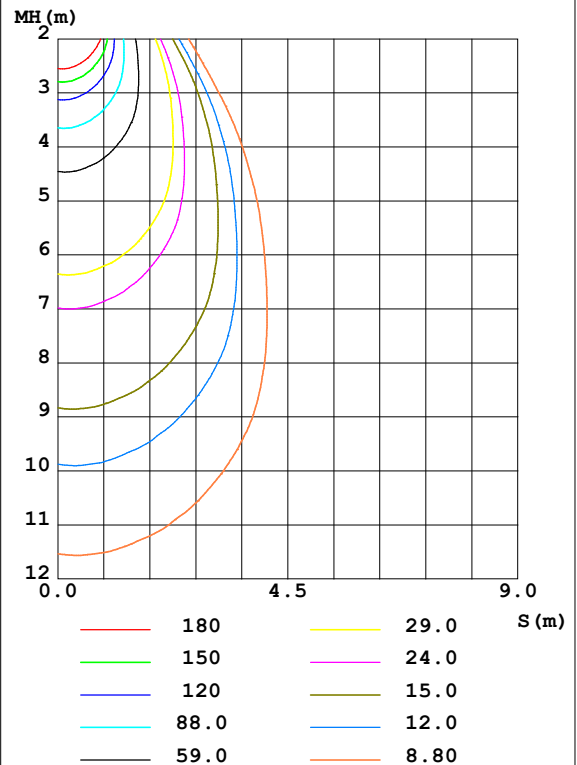
Test:U:120.5V I:0.2380A P:28.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2985.28x1 lm		
NAME: 12代 2FT 白色	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 104.75 lm/W			
MODEL		I _{max} (cd)	1179	S/MH (C0/180)	0.99
NOMINAL POWER(W)	30W	LOR(%)	100.0	S/MH (C90/270)	1.16
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	2985.3	η UP,DN (C0-180)	18.8,32.4
NOMINAL FLUX(lm)	2985.28	CIE CLASS	SEMI-D.	η UP,DN (C180-360)	18.7,30.2
LAMPS INSIDE	1	η up (%)	37.5	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)	120.0	η down (%)	62.5	CIBSE SHR MAX	1.05

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:

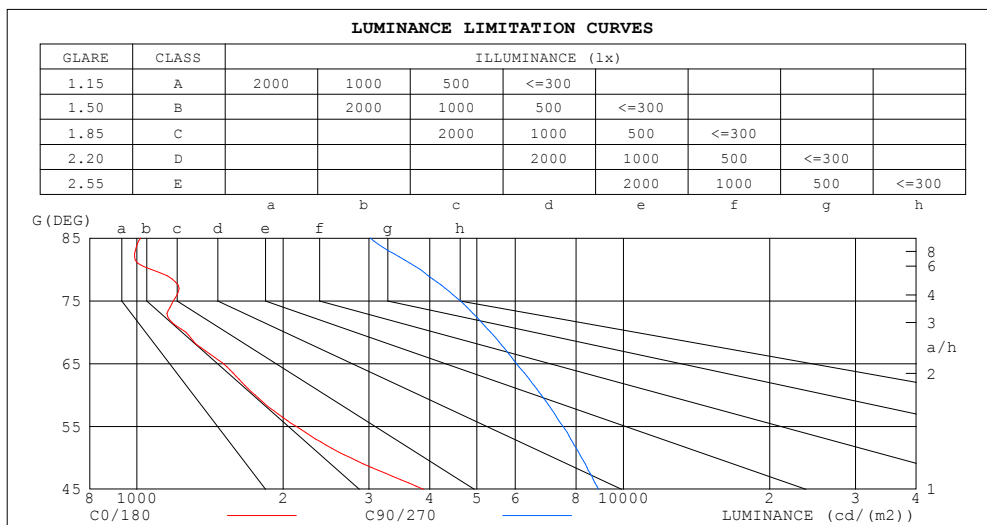
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1140	1150	1135	1091	1028	1074	1139	1129	0- 10	108.8	108.8	3.64,3.64
20	980.7	1032	1044	871.3	715.1	843.2	1045	1001	10- 20	290.4	399.2	13.4,13.4
30	681.3	844.7	909.8	609.2	434.9	584.3	901.7	780.7	20- 30	382.7	781.8	26.2,26.2
40	393.8	574.1	728.9	390.1	249.9	369.4	718.0	496.6	30- 40	377.8	1160	38.8,38.8
50	176.7	353.4	527.5	246.1	134.0	227.2	512.2	292.6	40- 50	306.6	1466	49.1,49.1
60	87.42	176.2	338.8	128.6	77.51	115.6	318.6	127.3	50- 60	212.2	1678	56.2,56.2
70	43.11	69.61	182.5	63.37	37.50	52.23	153.6	49.99	60- 70	120.7	1799	60.3,60.3
80	18.56	25.04	66.42	25.78	15.70	19.14	36.85	17.55	70- 80	53.78	1853	62.1,62.1
90	2.324	5.981	3.364	6.447	2.365	4.197	1.152	3.567	80- 90	13.82	1867	62.5,62.5
100	19.63	20.22	31.16	30.45	23.57	29.63	34.81	19.01	90-100	13.42	1880	63,63
110	45.94	53.78	90.77	71.65	53.32	75.10	90.43	53.45	100-110	47.03	1927	64.6,64.6
120	85.07	147.3	158.5	192.0	103.5	199.9	153.0	148.4	110-120	103.0	2030	68,68
130	215.9	240.7	226.0	301.3	266.1	296.6	218.3	240.3	120-130	179.8	2210	74,74
140	327.4	301.9	291.0	359.7	394.4	348.3	282.1	298.3	130-140	225.0	2435	81.6,81.6
150	366.9	347.3	349.4	392.0	425.5	380.0	339.2	343.5	140-150	217.8	2653	88.9,88.9
160	390.2	385.9	394.0	413.2	425.0	403.5	384.5	380.5	150-160	176.8	2830	94.8,94.8
170	410.6	412.4	421.2	426.9	425.7	421.6	413.6	410.4	160-170	115.3	2945	98.7,98.7
180	424.5	424.5	424.5	424.5	424.5	424.5	424.5	424.5	170-180	40.30	2985	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:0.2380A P:28.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2985.28x1 lm		
NAME: 12代 2FT 白色	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1018	3018
80	1069	3825
75	1190	4622
70	1261	5336
65	1506	6031
60	1748	6776
55	2124	7519
50	2749	8207
45	3882	8895

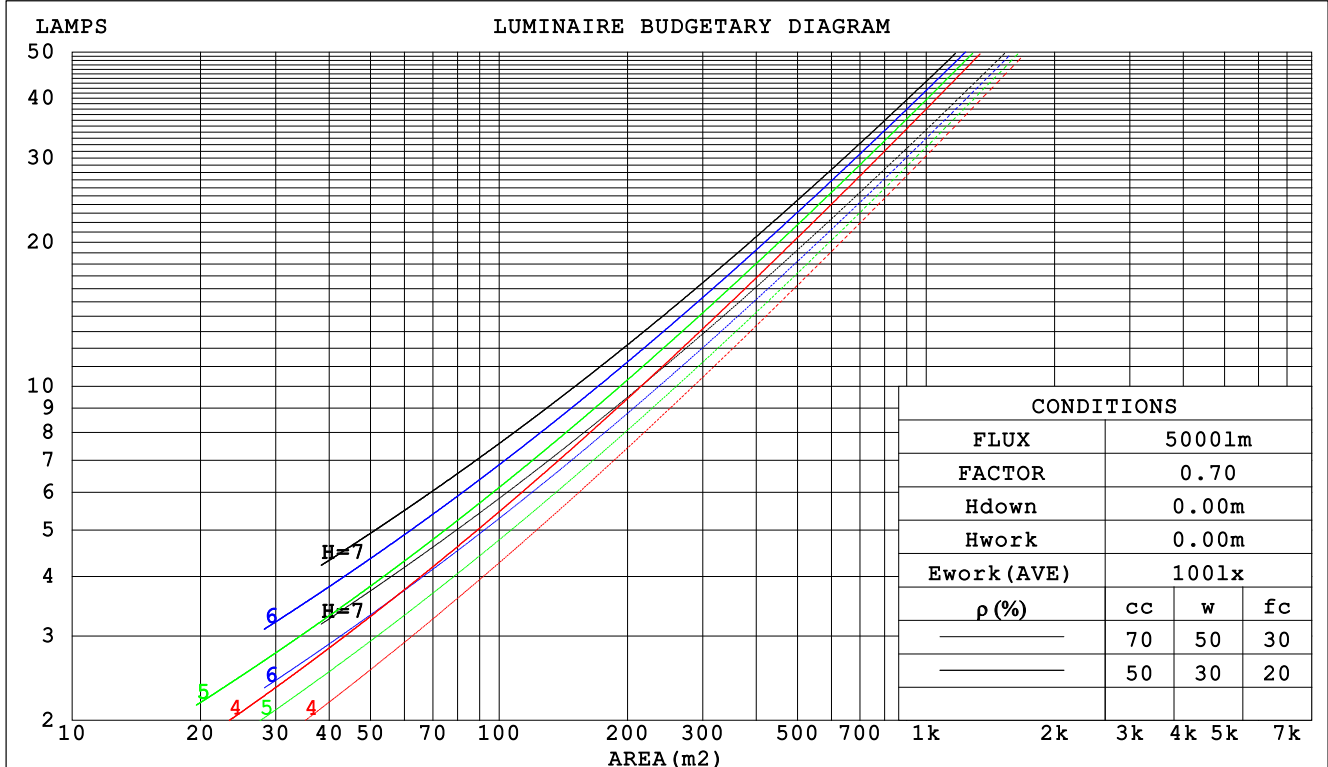
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.2380A P:28.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2985.28x1 lm		
NAME: 12代 2FT 白色	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	.68	.68	.68	.63
1.0	.98	.94	.91	.92	.89	.86	.81	.79	.77	.71	.69	.68	.62	.61	.60	.55
2.0	.87	.81	.77	.82	.77	.73	.73	.69	.66	.64	.61	.59	.56	.54	.52	.48
3.0	.78	.71	.66	.73	.67	.63	.65	.61	.57	.58	.54	.51	.51	.48	.46	.43
4.0	.70	.62	.57	.66	.59	.54	.59	.54	.50	.52	.48	.45	.46	.43	.41	.38
5.0	.63	.55	.50	.60	.53	.48	.54	.48	.44	.48	.44	.40	.42	.39	.36	.34
6.0	.57	.50	.44	.54	.47	.42	.49	.43	.39	.44	.39	.36	.39	.36	.33	.30
7.0	.52	.45	.39	.50	.43	.38	.45	.39	.35	.40	.36	.32	.36	.33	.30	.27
8.0	.48	.40	.35	.46	.39	.34	.41	.36	.32	.37	.33	.29	.33	.30	.27	.25
9.0	.44	.37	.32	.42	.35	.31	.38	.33	.29	.35	.30	.27	.31	.28	.25	.23
10.0	.41	.34	.29	.39	.33	.28	.36	.30	.26	.32	.28	.25	.29	.26	.23	.21



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:0.2380A P:28.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2985.28x1 lm					
NAME: 12代 2FT 白色			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	.251	.143	.045	.233	.133	.042	.199	.114	.036	.168	.097	.031	.139	.080	.026		
2.0	.238	.130	.040	.221	.122	.038	.190	.106	.033	.162	.091	.028	.135	.077	.024		
3.0	.222	.118	.035	.207	.111	.033	.179	.097	.030	.153	.084	.026	.129	.071	.022		
4.0	.208	.108	.032	.194	.101	.030	.168	.089	.027	.144	.078	.023	.122	.066	.020		
5.0	.194	.099	.029	.182	.093	.027	.158	.082	.024	.136	.072	.021	.116	.062	.019		
6.0	.182	.091	.026	.170	.086	.025	.149	.076	.022	.128	.067	.020	.109	.058	.017		
7.0	.171	.084	.024	.160	.080	.023	.140	.071	.020	.121	.062	.018	.103	.054	.016		
8.0	.161	.078	.022	.151	.074	.021	.132	.066	.019	.115	.058	.017	.098	.050	.015		
9.0	.151	.073	.020	.142	.069	.019	.125	.062	.018	.109	.054	.016	.093	.047	.014		
10.0	.143	.069	.019	.135	.065	.018	.119	.058	.016	.103	.051	.015	.089	.045	.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	.476	.476	.476	.407	.407	.407	.278	.278	.278	.159	.159	.159	.051	.051	.051	
1.0	.464	.444	.427	.397	.381	.367	.272	.262	.254	.156	.152	.148	.050	.049	.048	
2.0	.455	.422	.394	.390	.363	.341	.267	.251	.238	.154	.146	.139	.049	.047	.045	
3.0	.447	.405	.372	.383	.350	.323	.263	.243	.226	.152	.142	.133	.049	.046	.044	
4.0	.439	.393	.357	.377	.339	.310	.259	.236	.218	.150	.138	.129	.048	.045	.042	
5.0	.432	.383	.346	.371	.331	.301	.256	.231	.213	.148	.136	.126	.048	.044	.042	
6.0	.426	.375	.338	.366	.325	.295	.253	.227	.208	.147	.134	.124	.047	.044	.041	
7.0	.420	.368	.332	.361	.319	.290	.250	.224	.205	.145	.132	.122	.047	.043	.040	
8.0	.414	.363	.328	.357	.315	.286	.247	.221	.203	.144	.130	.121	.046	.043	.040	
9.0	.409	.358	.324	.353	.311	.283	.244	.219	.201	.142	.129	.120	.046	.042	.040	
10.0	.404	.355	.321	.349	.308	.280	.242	.217	.199	.141	.128	.119	.046	.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:0.2380A P:28.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2985.28x1 lm										
NAME: 12代 2FT 白色					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	13.3	14.2	14.0	14.9	15.8	17.6	18.6	18.4	19.3	20.2
3H	13.4	14.2	14.1	15.0	15.9	18.6	19.5	19.4	20.2	21.1
4H	13.4	14.2	14.1	14.9	15.8	19.0	19.8	19.8	20.6	21.5
6H	13.3	14.1	14.1	14.9	15.8	19.2	20.0	20.0	20.7	21.7
8H	13.3	14.0	14.1	14.8	15.8	19.3	20.0	20.1	20.8	21.7
12H	13.3	14.0	14.1	14.8	15.7	19.3	19.9	20.1	20.7	21.7
4H 2H	13.7	14.5	14.5	15.3	16.2	17.5	18.3	18.2	19.0	19.9
3H	13.9	14.5	14.7	15.3	16.3	18.6	19.2	19.4	20.0	21.0
4H	13.9	14.5	14.7	15.3	16.3	19.0	19.6	19.9	20.5	21.5
6H	13.9	14.4	14.8	15.3	16.3	19.4	19.9	20.2	20.7	21.8
8H	13.9	14.4	14.8	15.2	16.3	19.4	19.9	20.3	20.8	21.9
12H	13.9	14.3	14.8	15.2	16.3	19.5	19.9	20.4	20.8	21.9
8H 4H	14.0	14.5	14.8	15.3	16.4	18.8	19.3	19.7	20.2	21.2
6H	14.0	14.4	14.9	15.3	16.4	19.2	19.6	20.1	20.5	21.6
8H	14.1	14.4	15.0	15.3	16.5	19.4	19.7	20.3	20.6	21.8
12H	14.1	14.4	15.0	15.3	16.5	19.5	19.8	20.4	20.7	21.8
12H 4H	14.0	14.4	14.8	15.3	16.4	18.8	19.2	19.6	20.1	21.2
6H	14.1	14.4	15.0	15.3	16.5	19.2	19.5	20.1	20.4	21.5
8H	14.1	14.4	15.1	15.3	16.5	19.3	19.6	20.3	20.5	21.7
Variations with the observer position at spacings:										
S = 1.0H	+ 1.0 / - 1.4					+ 0.2 / - 0.3				
1.5H	+ 0.6 / - 1.5					+ 0.3 / - 0.6				
2.0H	+ 1.3 / - 2.0					+ 1.0 / - 1.2				

CIE Pub.117 Corrected 2985 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.8)

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:0.2380A P:28.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2985.28x1 lm		
NAME: 12代 2FT 白色	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

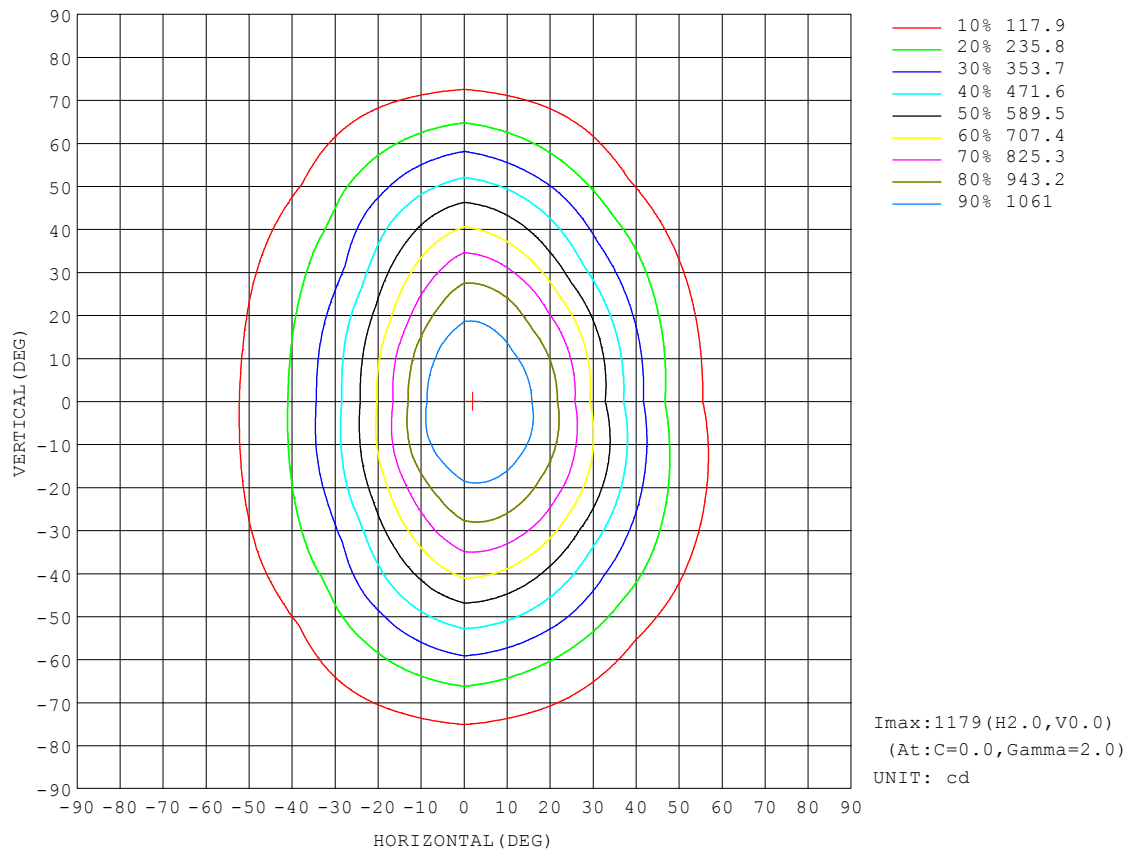
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	54	44	38	52	43	37	48	41	36	29
0.80	63	53	47	61	51	46	56	48	43	35
1.00	71	61	54	67	59	53	61	56	50	40
1.25	77	68	61	73	65	59	66	60	55	44
1.50	82	73	66	77	70	64	70	64	60	46
2.00	88	80	74	83	76	71	74	69	65	50
2.50	91	84	79	86	80	75	77	72	69	52
3.00	94	88	83	89	84	79	79	75	72	54
4.00	98	93	88	92	88	84	82	79	76	56
5.00	100	96	92	94	91	87	83	81	78	57
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:0.2380A P:28.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2985.28x1 lm		
NAME: 12代 2FT 白色	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

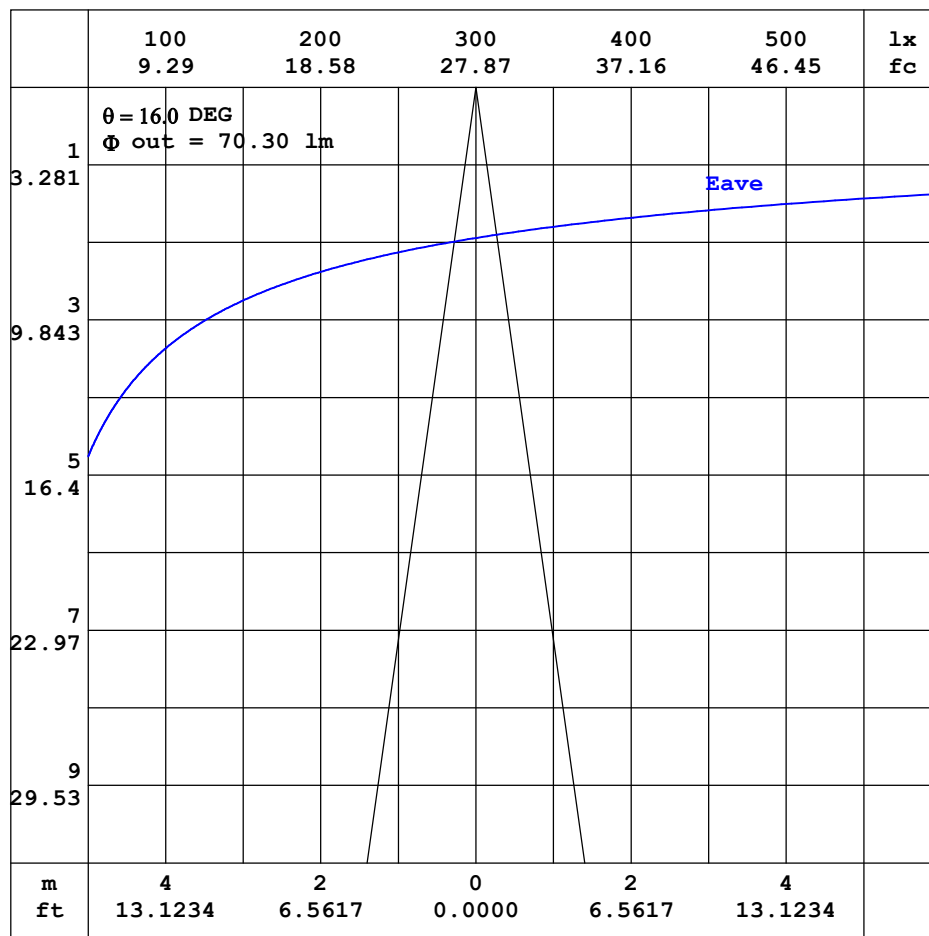


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.2380A P:28.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2985.28x1 lm		
NAME: 12代 2FT 白色	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



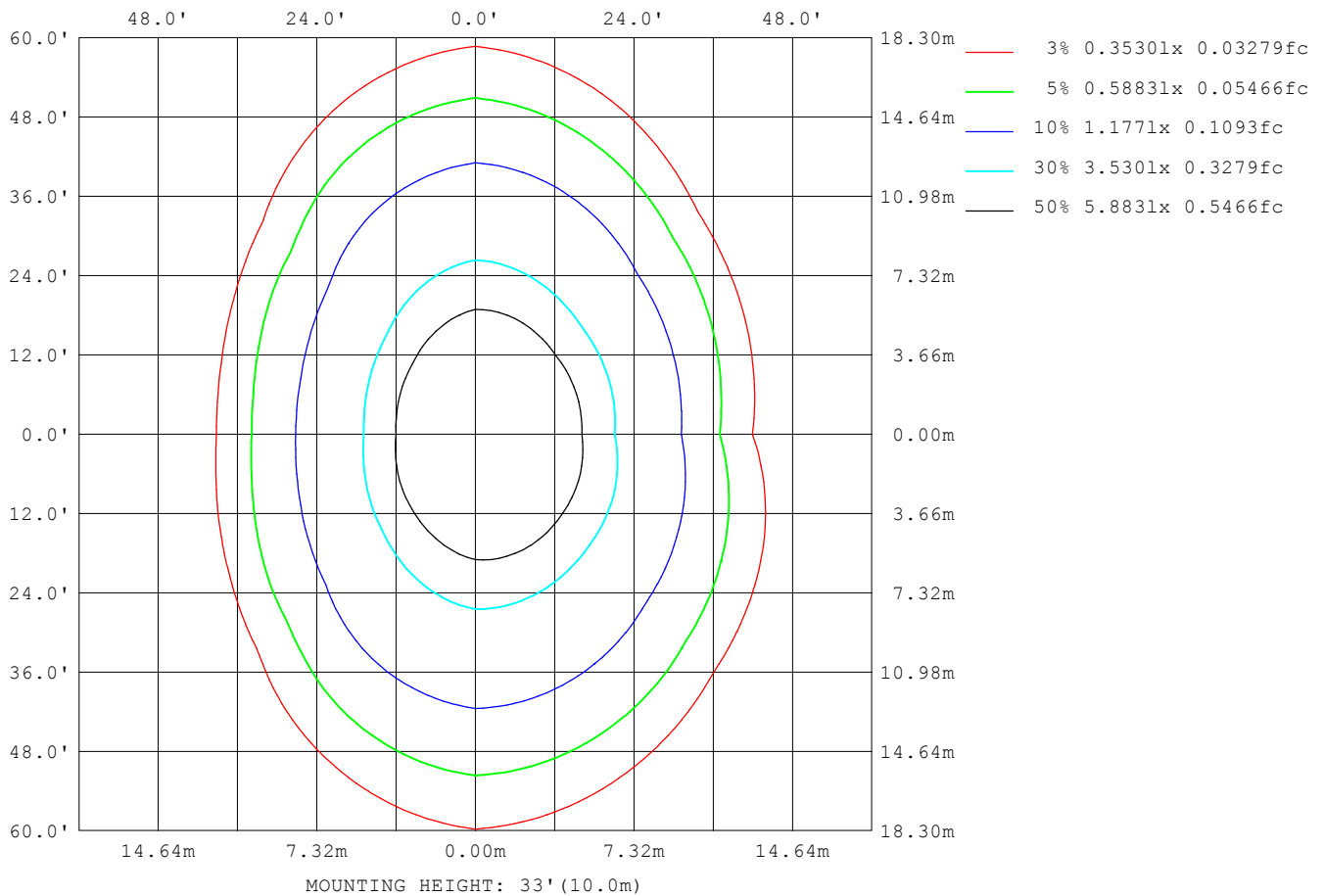
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.2380A P:28.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2985.28x1 lm		
NAME: 12代 2FT 白色	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:0.2380A P:28.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2985.28x1 lm		
NAME: 12代 2FT 白色	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

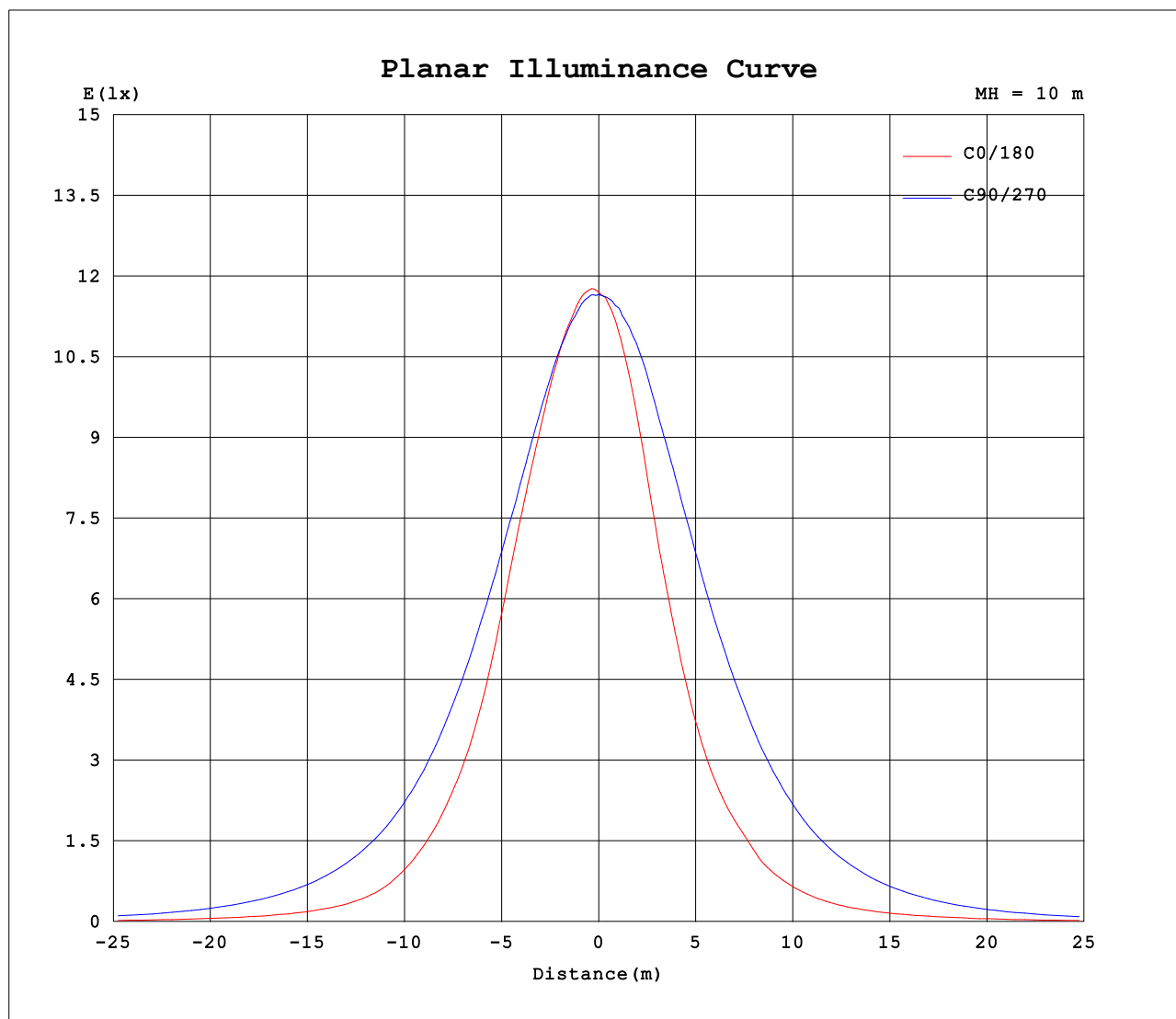
AvgL	cd/m2
L_0~180 (65) av	1416
L_0~180 (75) av	1154
L_0~180 (85) av	904
L_90~270 (65) av	5756
L_90~270 (75) av	4003
L_90~270 (85) av	1796
L_45 (65) av	2128
L_45 (75) av	1265
L_45 (85) av	1215

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:0.2380A P:28.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2985.28x1 lm		
NAME: 12代 2FT 白色	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	1170	1170	1169	1168	1168	1167	1167	1166	1166	1166	1166	1166	1166	1166	1166	1166	1166	1166	1166
5	1176	1175	1175	1175	1174	1174	1173	1173	1172	1171	1171	1170	1169	1168	1167	1166	1165	1163	1162
10	1140	1142	1144	1146	1147	1148	1149	1150	1150	1150	1149	1149	1148	1146	1145	1143	1140	1138	1135
15	1074	1079	1083	1087	1091	1094	1096	1099	1101	1102	1104	1106	1107	1108	1108	1106	1104	1101	1097
20	981	988	995	1002	1008	1014	1019	1024	1028	1032	1038	1043	1048	1051	1053	1054	1052	1049	1044
25	852	865	877	889	900	911	920	929	938	945	957	967	976	983	988	991	992	989	983
30	681	704	726	747	766	784	801	817	831	845	862	877	890	902	910	915	917	916	910
35	527	552	575	598	620	640	660	679	697	714	737	758	778	794	808	819	826	828	825
40	394	415	436	457	477	497	517	536	555	574	601	627	652	674	693	709	721	727	729
45	274	294	314	334	354	374	394	413	433	453	482	509	536	561	582	601	615	625	629
50	177	196	216	236	256	275	295	314	334	353	381	408	434	458	479	498	512	522	528
55	122	136	151	167	182	198	214	230	247	264	290	315	339	362	382	400	415	425	431
60	87.4	93.7	101	109	118	128	138	150	163	176	199	222	244	266	286	304	319	331	339
65	63.7	64.1	65.7	68.6	72.6	77.8	84.3	91.9	101	111	129	149	168	187	205	221	235	247	255
70	43.1	41.8	41.5	42.3	44.2	47.2	51.2	56.3	62.4	69.6	83.7	98.4	113	128	142	155	166	176	182
75	30.8	28.1	26.2	25.3	25.3	26.2	27.9	30.6	34.2	38.7	48.4	58.7	69.2	79.7	89.8	99.1	107	114	120
80	18.6	17.6	17.0	16.8	17.1	17.9	19.0	20.6	22.6	25.0	30.1	35.3	40.7	46.1	51.2	56.0	60.2	63.7	66.4
85	8.88	8.84	8.93	9.13	9.45	9.89	10.4	11.1	11.9	12.8	14.5	16.2	18.0	19.8	21.4	22.9	24.3	25.4	26.3
90	2.32	3.04	3.68	4.24	4.72	5.13	5.46	5.71	5.88	5.98	5.78	5.52	5.21	4.88	4.54	4.19	3.87	3.59	3.36
95	3.64	4.20	4.72	5.21	5.67	6.10	6.49	6.85	7.18	7.48	7.54	7.58	7.62	7.68	7.76	7.89	8.07	8.33	8.68
100	19.6	19.2	18.9	18.7	18.6	18.7	18.9	19.2	19.6	20.2	21.3	22.5	23.8	25.1	26.4	27.7	29.0	30.1	31.2
105	30.5	30.1	29.9	30.0	30.4	30.9	31.7	32.7	34.0	35.4	38.2	41.1	44.0	47.0	49.9	52.6	55.1	57.3	59.1
110	45.9	45.4	45.2	45.3	45.8	46.7	47.9	49.5	51.5	53.8	58.0	62.5	67.1	71.7	76.2	80.5	84.4	87.9	90.8
115	61.2	64.5	67.8	71.1	74.5	77.8	81.2	84.6	88.1	91.6	95.7	99.9	104	108	112	115	118	121	124
120	85.1	94.5	103	111	119	126	132	138	143	147	150	152	153	154	155	156	157	157	158
125	135	146	156	165	173	180	186	191	196	199	199	199	198	197	195	194	193	192	192
130	216	221	225	229	232	235	237	239	240	241	239	236	234	231	229	227	226	226	226
135	285	284	283	281	280	279	277	276	274	273	270	267	264	262	260	259	258	258	259
140	327	324	320	317	314	311	309	306	304	302	299	296	293	291	290	289	289	289	291
145	351	347	344	340	337	335	332	330	328	326	324	322	320	319	318	318	318	319	321
150	367	364	361	358	355	353	351	350	348	347	346	345	345	344	345	345	346	348	349
155	379	377	375	373	372	371	370	369	368	368	368	367	367	368	368	369	370	371	373
160	390	389	388	387	387	386	386	386	386	386	386	387	387	388	389	390	391	392	394
165	400	400	400	399	399	399	400	400	400	401	401	402	403	404	405	407	408	409	410
170	411	410	410	410	411	411	411	411	412	412	413	414	415	416	417	418	419	420	421
175	421	421	421	421	421	421	421	421	421	422	422	423	423	424	424	425	425	426	426
180	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424

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:0.2380A P:28.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2985.28x1 lm		
NAME: 12代 2FT 白色	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	1166	1166	1166	1166	1166	1166	1166	1166	1166	1167	1167	1168	1168	1169	1169	1170	1170	1170	1170
5	1160	1158	1156	1154	1152	1150	1148	1146	1144	1142	1140	1138	1136	1134	1133	1131	1130	1129	1129
10	1131	1127	1123	1118	1113	1108	1103	1097	1091	1082	1074	1066	1058	1050	1043	1037	1032	1028	1029
15	1089	1081	1071	1060	1048	1036	1023	1010	997	980	963	947	931	917	903	892	882	875	879
20	1031	1015	997	978	958	937	915	893	871	848	826	804	784	765	749	735	723	715	719
25	963	940	914	886	857	826	795	764	734	707	681	657	635	615	597	583	571	564	567
30	885	857	826	792	756	720	682	645	609	580	553	527	504	484	467	453	442	435	438
35	798	767	732	695	655	614	573	532	493	466	441	418	398	381	367	356	348	344	345
40	703	672	637	598	557	515	473	431	390	364	340	318	300	284	271	261	254	250	251
45	606	577	545	509	471	431	391	352	314	289	267	247	230	216	204	195	189	185	186
50	507	482	453	422	387	352	316	280	246	225	205	188	173	161	150	142	137	134	134
55	413	391	366	337	307	275	243	212	182	165	150	137	127	118	111	106	103	101	101
60	324	306	284	260	234	207	180	154	129	116	106	97.4	90.4	85.1	81.2	78.7	77.5	77.5	76.0
65	244	230	213	194	174	153	132	111	90.9	82.0	74.5	68.5	63.8	60.2	57.8	56.4	55.8	56.1	54.3
70	175	165	152	139	124	109	93.2	77.9	63.4	56.9	51.4	47.0	43.5	40.9	39.0	37.9	37.4	37.5	36.3
75	114	107	98.6	89.0	78.8	68.2	57.5	47.1	37.2	33.9	31.3	29.5	28.3	27.7	27.6	27.8	28.3	28.9	27.5
80	63.9	60.5	56.4	51.8	46.8	41.5	36.1	30.8	25.8	23.5	21.5	19.9	18.5	17.5	16.7	16.2	15.8	15.7	15.4
85	25.6	24.6	23.4	22.1	20.5	18.9	17.2	15.4	13.7	12.7	11.6	10.7	9.84	9.06	8.37	7.78	7.28	6.88	6.88
90	3.66	4.01	4.39	4.80	5.20	5.58	5.93	6.22	6.45	6.11	5.70	5.24	4.74	4.23	3.71	3.22	2.77	2.37	2.47
95	9.76	10.9	12.1	13.3	14.5	15.6	16.6	17.6	18.3	18.1	17.7	17.2	16.6	16.0	15.3	14.6	14.0	13.4	13.7
100	31.6	31.8	31.9	32.0	31.8	31.6	31.3	30.9	30.4	29.6	28.8	27.9	27.0	26.2	25.4	24.7	24.0	23.6	23.9
105	58.5	57.6	56.3	54.8	53.0	51.1	49.1	47.0	45.0	43.9	43.0	42.1	41.3	40.7	40.2	39.8	39.5	39.4	39.5
110	90.4	89.4	87.8	85.8	83.4	80.7	77.8	74.8	71.6	68.9	66.1	63.5	61.1	58.9	56.9	55.3	54.1	53.3	54.6
115	126	127	127	128	127	126	125	123	121	115	108	102	95.0	88.8	83.0	78.0	73.9	70.9	75.3
120	164	169	174	179	184	187	190	192	192	183	172	161	149	138	128	118	110	103	111
125	200	208	216	225	233	240	246	252	255	247	238	228	217	206	196	186	177	171	178
130	234	242	251	260	270	279	287	295	301	300	297	293	289	284	279	274	270	266	269
135	266	274	282	291	300	309	318	327	335	339	342	345	347	348	349	349	348	348	347
140	297	303	311	318	327	335	343	352	360	366	372	377	382	386	390	392	394	394	392
145	326	331	337	343	350	357	364	371	378	385	391	397	402	407	411	414	416	417	414
150	353	357	362	366	371	376	382	387	392	397	403	408	412	416	420	422	424	425	423
155	376	379	382	386	389	393	397	400	404	408	412	415	418	421	423	425	426	427	424
160	396	398	400	402	404	407	409	411	413	415	417	419	421	422	423	424	425	425	424
165	412	413	414	416	417	418	419	420	421	422	423	423	424	424	424	425	424	424	423
170	422	423	424	424	425	426	426	427	427	427	427	427	427	427	427	427	426	426	425
175	427	427	428	428	429	429	429	429	430	430	430	430	430	430	430	430	429	429	429
180	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424

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:0.2380A P:28.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2985.28x1 lm		
NAME: 12代 2FT 白色	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	1170	1169	1169	1168	1167	1167	1166	1166	1166	1166	1166	1166	1166	1166	1166	1166	1166	1166	1166
5	1129	1130	1131	1131	1133	1134	1136	1137	1140	1142	1145	1147	1150	1152	1154	1156	1158	1159	1159
10	1032	1035	1040	1046	1052	1059	1066	1074	1082	1090	1098	1106	1114	1121	1128	1134	1139	1140	1140
15	885	893	903	914	927	941	957	972	988	1005	1021	1037	1052	1066	1080	1091	1101	1103	1103
20	726	737	749	765	782	801	821	843	868	893	918	943	967	989	1010	1029	1045	1047	1047
25	574	585	599	615	634	656	680	706	739	773	807	842	875	906	935	961	983	984	982
30	446	456	471	488	508	531	557	584	622	662	701	741	779	815	848	877	902	901	897
35	350	357	368	383	400	420	443	469	510	553	597	641	683	723	759	790	817	812	801
40	255	262	273	286	303	322	344	369	411	455	500	544	586	626	662	693	718	709	694
45	190	197	206	219	234	252	272	296	335	376	417	458	497	534	567	595	618	607	591
50	137	143	151	161	174	189	207	227	262	298	335	372	406	439	468	493	512	502	486
55	102	105	111	118	127	138	152	167	197	229	260	292	322	350	374	395	412	400	384
60	75.6	76.6	78.9	82.8	88.3	95.6	105	116	140	166	193	219	244	267	288	305	319	307	291
65	53.4	53.4	54.4	56.4	59.8	64.4	70.4	78.0	96.6	116	136	156	175	193	209	222	232	222	209
70	35.6	35.6	36.3	37.7	40.0	43.1	47.2	52.2	64.5	77.5	90.8	104	117	128	139	147	154	147	138
75	26.3	25.3	24.6	24.3	24.5	25.1	26.4	28.3	35.2	42.6	50.3	58.0	65.4	72.3	78.4	83.6	87.6	83.4	77.9
80	15.3	15.3	15.5	15.9	16.4	17.2	18.1	19.1	21.3	23.6	26.0	28.3	30.5	32.5	34.3	35.8	36.8	35.5	33.7
85	6.96	7.11	7.31	7.53	7.77	8.01	8.22	8.39	8.06	7.68	7.28	6.86	6.43	6.02	5.64	5.30	5.01	5.11	5.27
90	2.64	2.85	3.09	3.34	3.60	3.83	4.04	4.20	3.91	3.58	3.21	2.83	2.45	2.07	1.72	1.41	1.15	1.32	1.54
95	14.0	14.3	14.8	15.2	15.6	16.0	16.3	16.6	16.5	16.3	16.0	15.6	15.1	14.6	14.1	13.5	12.8	12.0	11.2
100	24.3	24.8	25.5	26.2	27.0	27.9	28.8	29.6	30.6	31.6	32.4	33.2	33.9	34.4	34.8	34.9	34.8	33.4	31.8
105	39.8	40.2	40.7	41.4	42.2	43.1	44.2	45.4	47.6	49.9	52.2	54.4	56.4	58.2	59.7	60.8	61.4	59.4	56.9
110	56.3	58.4	60.8	63.4	66.3	69.2	72.1	75.1	78.0	80.7	83.2	85.4	87.3	88.9	89.9	90.5	90.4	87.4	83.9
115	80.9	87.4	94.4	102	109	117	124	130	132	132	132	132	130	129	126	124	121	118	116
120	120	131	143	155	167	179	190	200	198	195	191	186	180	173	166	160	153	152	152
125	186	196	207	218	229	239	249	257	252	246	238	230	221	212	203	194	186	186	188
130	273	278	282	286	290	293	295	297	289	281	272	263	253	244	234	226	218	219	220
135	346	345	343	341	338	335	331	326	317	309	299	290	281	273	265	257	251	250	251
140	389	385	380	375	369	362	355	348	340	332	323	315	307	300	293	287	282	281	281
145	411	406	400	394	387	380	373	366	359	352	345	338	332	326	321	316	312	311	310
150	419	415	410	405	399	393	386	380	374	369	364	359	354	350	346	342	339	338	337
155	422	418	415	411	406	402	397	392	388	385	381	377	374	371	368	366	363	362	362
160	422	420	417	415	412	409	406	404	401	399	396	394	392	390	388	386	385	383	382
165	422	421	420	419	418	416	415	413	412	410	409	407	406	405	403	402	401	400	399
170	425	425	424	424	423	423	422	422	421	420	419	418	417	416	415	414	414	413	413
175	429	428	428	428	427	427	426	426	425	425	425	424	424	423	423	422	422	422	422
180	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424

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:0.2380A P:28.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2985.28x1 lm																	
NAME: 12代 2FT 白色									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	1166	1166	1166	1166	1166	1166	1166	1167	1167	1167	1168	1168	1169	1169	1170				
5	1158	1158	1158	1157	1157	1157	1157	1158	1160	1161	1163	1165	1167	1170	1173				
10	1140	1138	1137	1135	1133	1131	1129	1129	1130	1130	1131	1132	1134	1136	1138				
15	1102	1099	1096	1092	1087	1082	1077	1076	1075	1074	1073	1073	1073	1073	1074				
20	1044	1040	1034	1026	1018	1010	1001	997	994	991	989	987	985	983	982				
25	976	967	956	943	929	914	900	893	886	880	874	869	864	859	855				
30	887	875	859	841	822	802	781	769	757	745	734	723	712	702	691				
35	785	765	742	717	690	662	634	619	604	590	577	565	554	544	535				
40	674	649	621	591	560	528	497	479	464	449	436	425	415	406	399				
45	570	544	516	485	453	420	388	370	353	338	324	311	300	290	281				
50	465	441	414	384	354	323	293	275	258	242	228	215	204	193	184				
55	363	339	313	285	257	229	201	186	172	160	149	141	134	128	124				
60	272	250	226	201	176	151	127	115	105	97.2	90.9	86.4	83.9	83.2	84.4				
65	193	176	157	137	118	98.3	80.1	71.6	64.7	59.6	56.1	54.3	54.1	55.6	58.8				
70	127	115	102	88.7	75.3	62.2	50.0	44.4	40.1	36.9	35.0	34.2	34.7	36.3	39.1				
75	71.5	64.4	56.8	48.9	41.2	33.7	26.7	24.0	22.0	20.9	20.5	21.0	22.2	24.3	27.1				
80	31.7	29.4	27.0	24.6	22.1	19.7	17.5	16.7	16.0	15.6	15.5	15.6	16.0	16.6	17.4				
85	5.49	5.75	6.04	6.36	6.70	7.04	7.38	7.59	7.79	7.98	8.16	8.32	8.48	8.62	8.75				
90	1.80	2.09	2.40	2.72	3.03	3.31	3.57	3.61	3.61	3.56	3.47	3.33	3.14	2.92	2.64				
95	10.3	9.45	8.60	7.76	6.96	6.20	5.50	5.02	4.62	4.28	4.00	3.80	3.66	3.59	3.58				
100	30.0	28.2	26.2	24.3	22.4	20.6	19.0	18.3	17.7	17.4	17.3	17.3	17.6	18.1	18.7				
105	54.1	51.0	47.7	44.3	41.0	37.8	34.7	33.1	31.8	30.8	30.0	29.6	29.4	29.5	29.8				
110	79.9	75.6	71.1	66.5	62.0	57.6	53.4	51.2	49.2	47.7	46.5	45.6	45.2	45.1	45.3				
115	113	109	106	103	99.1	95.5	91.9	88.5	85.2	81.8	78.4	75.0	71.6	68.2	64.7				
120	152	152	152	151	151	150	148	144	139	134	128	120	113	104	95.0				
125	189	192	194	196	198	200	201	197	193	188	181	174	166	157	147				
130	222	224	228	231	234	237	240	240	239	237	235	232	229	225	221				
135	252	254	257	260	264	268	271	273	275	277	278	280	281	283	284				
140	282	283	285	288	291	295	298	301	304	307	310	313	316	320	324				
145	310	311	312	314	316	319	321	324	326	329	332	335	339	342	346				
150	337	337	338	339	340	342	344	345	347	349	352	354	357	360	363				
155	361	361	361	361	362	363	364	365	366	367	369	370	372	374	376				
160	382	381	380	380	380	380	380	381	381	382	383	384	385	387	388				
165	398	398	397	397	396	396	396	396	396	397	397	397	398	399	400				
170	412	412	411	411	411	411	410	410	410	410	410	410	410	410	410				
175	422	421	421	421	421	421	421	421	421	421	421	421	421	421	421				
180	424	424	424	424	424	424	424	424	424	424	424	424	424	424	424				

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: