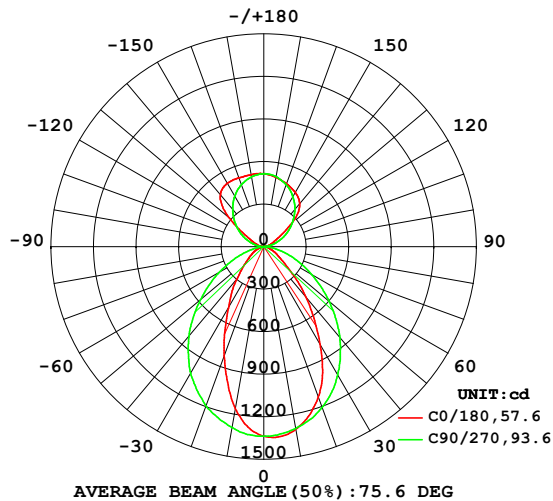


LUMINAIRE PHOTOMETRIC TEST REPORT

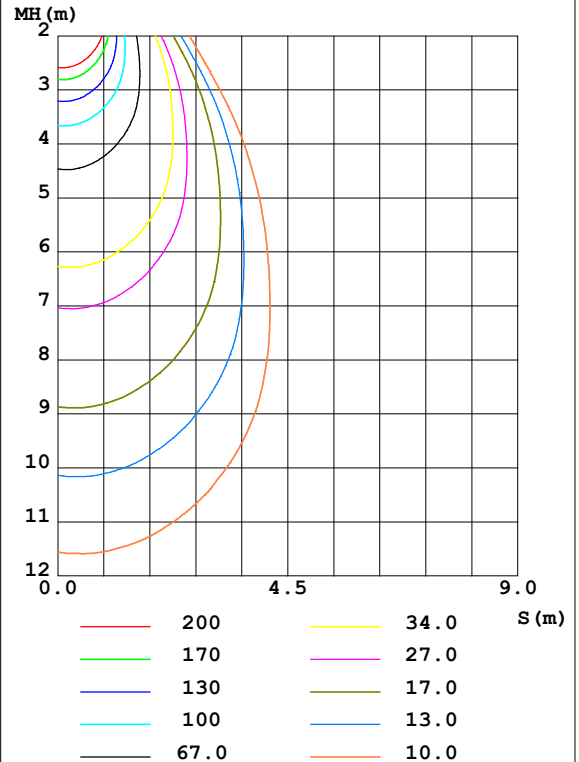
Test:U:120.5V I:0.2320A P:28.00W PF:0.9900 Freq:60.00Hz Lamp Flux:3494.13x1 lm		
NAME: 12代 2FT 白色	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 124.79 lm/W			
MODEL		I _{max} (cd)	1348	S/MH(C0/180)	1.00
NOMINAL POWER(W)	30W	LOR(%)	100.0	S/MH(C90/270)	1.16
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	3494.1	η UP,DN(C0-180)	19.0,31.9
NOMINAL FLUX(lm)	3494.13	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	19.4,29.6
LAMPS INSIDE	1	η up(%)	38.4	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	120.0	η down(%)	61.6	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:

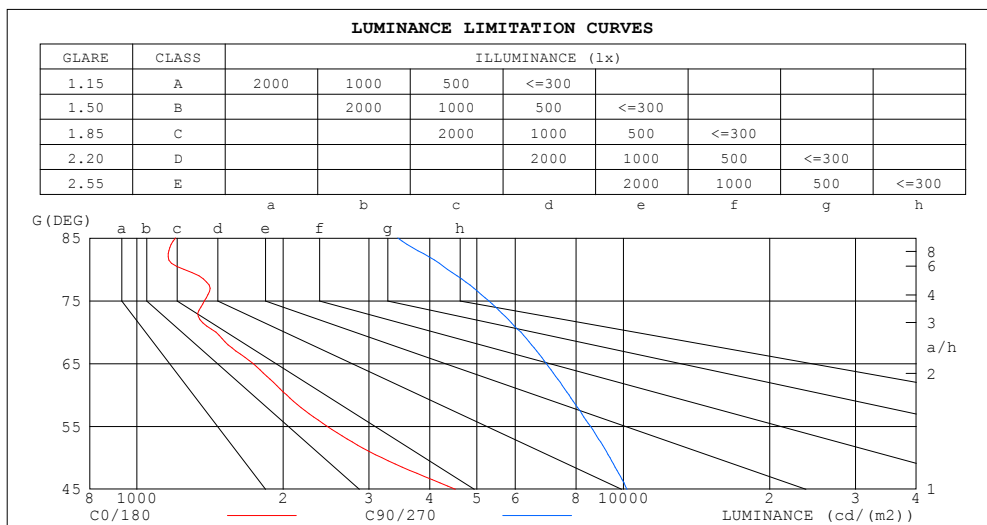
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1307	1318	1302	1243	1160	1213	1295	1302	0- 10	124.4	124.4	3.56,3.56
20	1127	1196	1206	997.3	818.1	948.4	1194	1145	10- 20	331.7	456.1	13.1,13.1
30	795.1	982.4	1044	711.6	500.7	668.6	1033	900.0	20- 30	440.7	896.8	25.7,25.7
40	462.0	671.9	835.6	455.5	288.6	426.2	821.1	586.7	30- 40	436.8	1334	38.2,38.2
50	204.9	413.5	603.3	285.0	155.2	262.1	581.5	345.0	40- 50	354.7	1688	48.3,48.3
60	101.6	205.7	386.8	151.5	89.29	133.6	363.5	149.5	50- 60	244.9	1933	55.3,55.3
70	49.76	80.14	210.6	73.30	43.32	60.95	177.0	58.67	60- 70	139.3	2072	59.3,59.3
80	21.70	28.76	75.56	29.80	18.33	23.18	42.12	21.39	70- 80	62.28	2135	61.1,61.1
90	2.892	6.688	3.612	7.313	3.093	6.269	1.606	5.361	80- 90	16.24	2151	61.6,61.6
100	23.81	23.32	35.91	35.40	28.73	37.42	45.99	24.47	90-100	16.65	2168	62,62
110	55.81	62.70	106.1	82.89	64.75	92.39	113.2	66.81	100-110	57.09	2225	63.7,63.7
120	103.2	171.6	184.8	223.8	126.0	241.4	188.0	180.7	110-120	123.7	2348	67.2,67.2
130	261.1	282.9	264.2	355.3	321.2	359.2	266.1	291.6	120-130	215.1	2563	73.4,73.4
140	395.4	354.9	341.2	423.4	477.0	422.5	342.4	362.1	130-140	269.6	2833	81.1,81.1
150	444.1	411.5	410.5	465.6	516.7	461.7	411.4	416.9	140-150	261.4	3094	88.6,88.6
160	472.9	456.3	464.8	491.3	516.5	489.3	465.3	461.6	150-160	212.4	3307	94.6,94.6
170	497.2	493.7	502.7	513.7	516.1	510.3	499.9	496.6	160-170	138.7	3446	98.6,98.6
180	514.4	514.4	514.4	514.4	514.4	514.4	514.4	514.4	170-180	48.60	3494	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:0.2320A P:28.00W PF:0.9900 Freq:60.00Hz Lamp Flux:3494.13x1 lm		
NAME: 12代 2FT 白色	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1202	3439
80	1250	4351
75	1378	5288
70	1455	6158
65	1733	6944
60	2032	7735
55	2462	8560
50	3187	9385
45	4515	10177

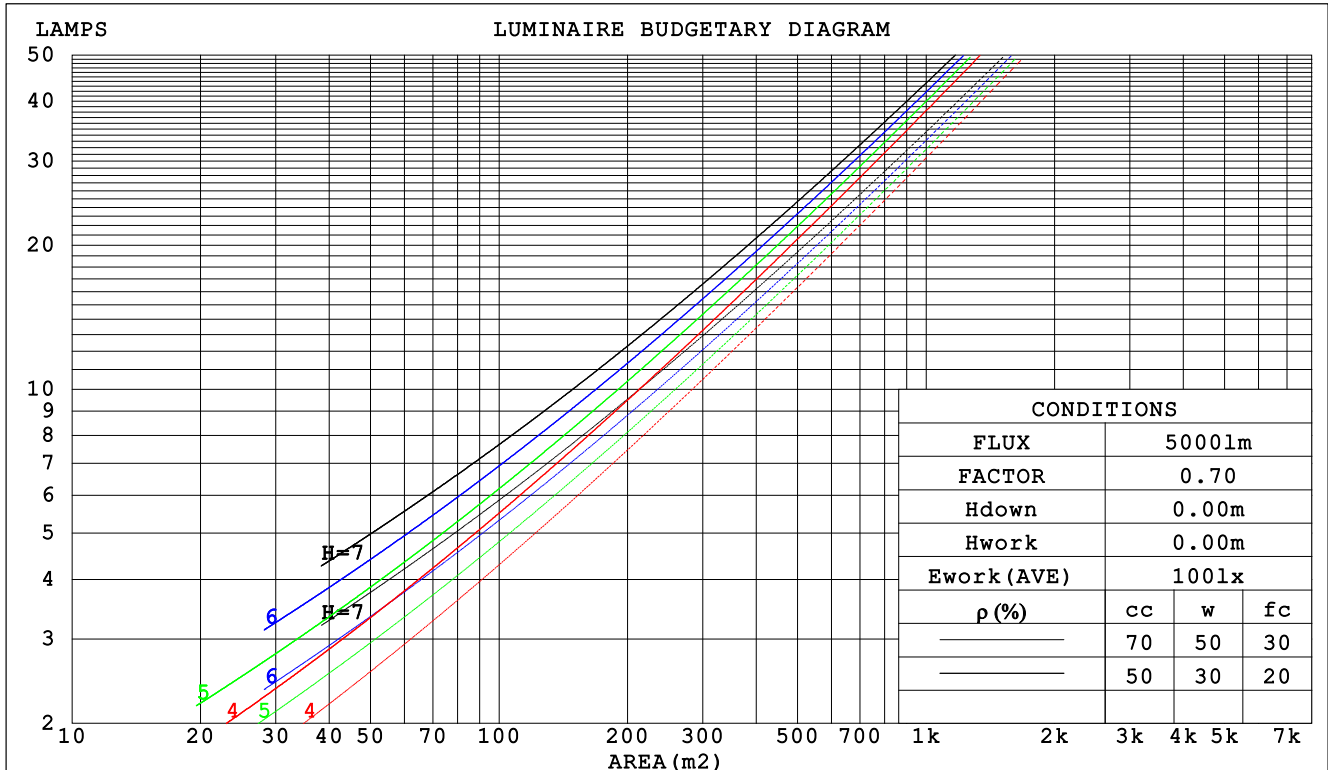
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.2320A P:28.00W PF:0.9900 Freq:60.00Hz Lamp Flux:3494.13x1 lm		
NAME: 12代 2FT 白色	TYPE:4000K	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	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
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	.94	.91	.92	.89	.86	.81	.78	.76	.70	.69	.67	.61	.60	.59	.54
2.0	.87	.81	.76	.82	.77	.73	.72	.68	.65	.63	.61	.58	.55	.53	.51	.48
3.0	.77	.71	.65	.73	.67	.62	.65	.60	.56	.57	.54	.51	.50	.47	.45	.42
4.0	.70	.62	.56	.66	.59	.54	.59	.53	.49	.52	.48	.45	.46	.43	.40	.37
5.0	.63	.55	.49	.59	.53	.47	.53	.48	.44	.47	.43	.40	.42	.39	.36	.33
6.0	.57	.49	.44	.54	.47	.42	.48	.43	.39	.43	.39	.36	.38	.35	.32	.30
7.0	.52	.44	.39	.49	.42	.38	.44	.39	.35	.40	.35	.32	.36	.32	.29	.27
8.0	.48	.40	.35	.45	.39	.34	.41	.35	.31	.37	.32	.29	.33	.29	.27	.25
9.0	.44	.37	.32	.42	.35	.31	.38	.32	.29	.34	.30	.27	.31	.27	.24	.23
10.0	.41	.34	.29	.39	.32	.28	.35	.30	.26	.32	.27	.24	.29	.25	.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:0.2320A P:28.00W PF:0.9900 Freq:60.00Hz Lamp Flux:3494.13x1 lm					
NAME: 12代 2FT 白色			TYPE:4000K		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	.252	.143	.045	.233	.133	.042	.199	.114	.036	.167	.096	.031	.137	.080	.026		
2.0	.238	.130	.040	.221	.122	.038	.190	.105	.033	.161	.090	.028	.134	.076	.024		
3.0	.222	.118	.035	.207	.111	.033	.179	.097	.029	.152	.083	.026	.128	.071	.022		
4.0	.208	.108	.032	.194	.101	.030	.168	.089	.027	.143	.077	.023	.121	.066	.020		
5.0	.194	.099	.029	.181	.093	.027	.157	.082	.024	.135	.071	.021	.114	.061	.018		
6.0	.182	.091	.026	.170	.086	.025	.148	.076	.022	.127	.066	.019	.108	.057	.017		
7.0	.171	.084	.024	.160	.080	.023	.139	.071	.020	.120	.062	.018	.102	.053	.016		
8.0	.161	.078	.022	.151	.074	.021	.132	.066	.019	.114	.058	.017	.097	.050	.015		
9.0	.151	.073	.020	.142	.069	.019	.125	.062	.017	.108	.054	.015	.092	.047	.014		
10.0	.143	.069	.019	.135	.065	.018	.118	.058	.016	.103	.051	.014	.088	.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	.483	.483	.483	.413	.413	.413	.282	.282	.282	.162	.162	.162	.052	.052	.052	
1.0	.472	.452	.434	.404	.388	.374	.276	.267	.258	.159	.154	.150	.051	.050	.049	
2.0	.462	.429	.402	.396	.370	.347	.271	.256	.242	.156	.149	.142	.050	.048	.046	
3.0	.454	.413	.380	.389	.356	.329	.267	.247	.231	.154	.144	.136	.050	.047	.045	
4.0	.447	.400	.365	.383	.346	.317	.264	.241	.223	.153	.141	.132	.049	.046	.043	
5.0	.440	.390	.354	.378	.338	.308	.260	.236	.217	.151	.139	.129	.049	.045	.042	
6.0	.434	.383	.346	.373	.331	.301	.257	.232	.213	.149	.136	.127	.048	.045	.042	
7.0	.428	.376	.340	.368	.326	.296	.254	.229	.210	.148	.135	.125	.048	.044	.041	
8.0	.422	.371	.335	.363	.322	.292	.251	.226	.207	.146	.133	.124	.047	.044	.041	
9.0	.417	.366	.332	.359	.318	.290	.249	.223	.206	.145	.132	.123	.047	.043	.041	
10.0	.412	.362	.329	.355	.315	.287	.246	.221	.204	.144	.131	.122	.047	.043	.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:0.2320A P:28.00W PF:0.9900 Freq:60.00Hz Lamp Flux:3494.13x1 lm										
NAME: 12代 2FT 白色					TYPE:4000K			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	13.8	14.8	14.6	15.5	16.4	18.1	19.0	18.8	19.7	20.6
3H	13.9	14.7	14.7	15.5	16.4	19.0	19.9	19.8	20.6	21.6
4H	13.9	14.7	14.7	15.4	16.4	19.4	20.2	20.2	21.0	21.9
6H	13.9	14.6	14.7	15.4	16.4	19.6	20.4	20.4	21.1	22.1
8H	13.8	14.5	14.7	15.3	16.3	19.7	20.4	20.5	21.2	22.1
12H	13.8	14.5	14.6	15.3	16.3	19.7	20.3	20.5	21.1	22.1
4H 2H	14.2	15.0	15.0	15.8	16.8	17.9	18.7	18.7	19.4	20.4
3H	14.4	15.1	15.2	15.9	16.9	19.0	19.6	19.8	20.5	21.5
4H	14.4	15.0	15.2	15.8	16.9	19.4	20.0	20.3	20.9	21.9
6H	14.4	14.9	15.3	15.8	16.8	19.7	20.3	20.6	21.1	22.2
8H	14.4	14.9	15.3	15.7	16.8	19.8	20.3	20.7	21.2	22.3
12H	14.4	14.8	15.3	15.7	16.8	19.9	20.3	20.8	21.2	22.3
8H 4H	14.5	15.0	15.4	15.8	16.9	19.2	19.7	20.1	20.6	21.7
6H	14.5	14.9	15.4	15.8	17.0	19.6	20.0	20.5	20.9	22.0
8H	14.6	14.9	15.5	15.8	17.0	19.8	20.1	20.7	21.0	22.2
12H	14.6	14.9	15.5	15.8	17.0	19.9	20.2	20.8	21.1	22.3
12H 4H	14.5	14.9	15.4	15.8	16.9	19.2	19.6	20.1	20.5	21.6
6H	14.6	14.9	15.5	15.8	17.0	19.6	19.9	20.5	20.8	22.0
8H	14.6	14.9	15.6	15.8	17.0	19.7	20.0	20.7	20.9	22.1
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 / - 2.1					+ 1.0 / - 1.2				

CIE Pub.117 Corrected 3494 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.3)

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:0.2320A P:28.00W PF:0.9900 Freq:60.00Hz Lamp Flux:3494.13x1 lm		
NAME: 12代 2FT 白色	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

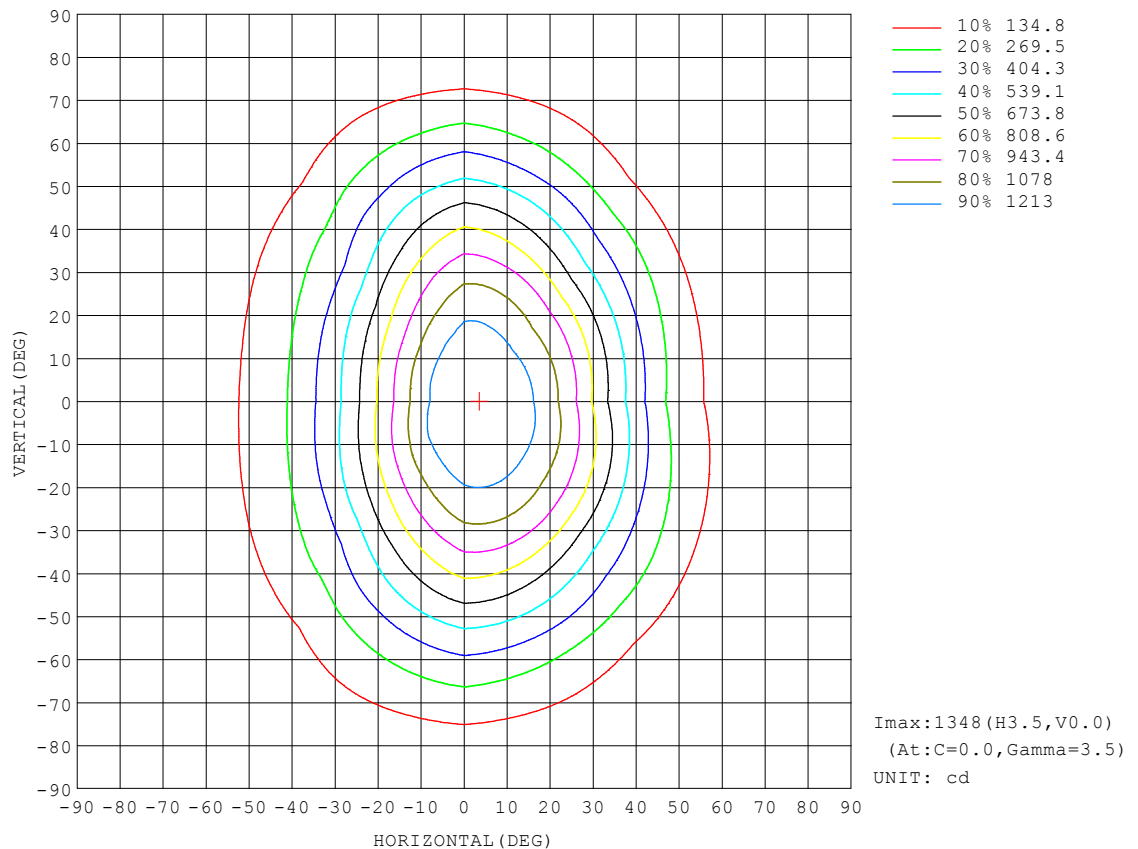
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	53	43	38	51	42	37	48	40	35	28
0.80	63	53	46	60	51	45	55	48	43	34
1.00	70	60	54	67	58	52	61	55	49	39
1.25	77	67	61	73	64	59	66	59	55	43
1.50	81	72	66	77	69	64	69	63	59	46
2.00	87	79	74	83	76	71	74	69	65	49
2.50	91	84	78	86	80	75	76	72	68	51
3.00	94	88	82	89	83	79	79	75	71	53
4.00	98	92	88	92	87	84	81	78	75	55
5.00	100	95	92	94	90	87	83	80	78	56
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:0.2320A P:28.00W PF:0.9900 Freq:60.00Hz Lamp Flux:3494.13x1 lm		
NAME: 12代 2FT 白色	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

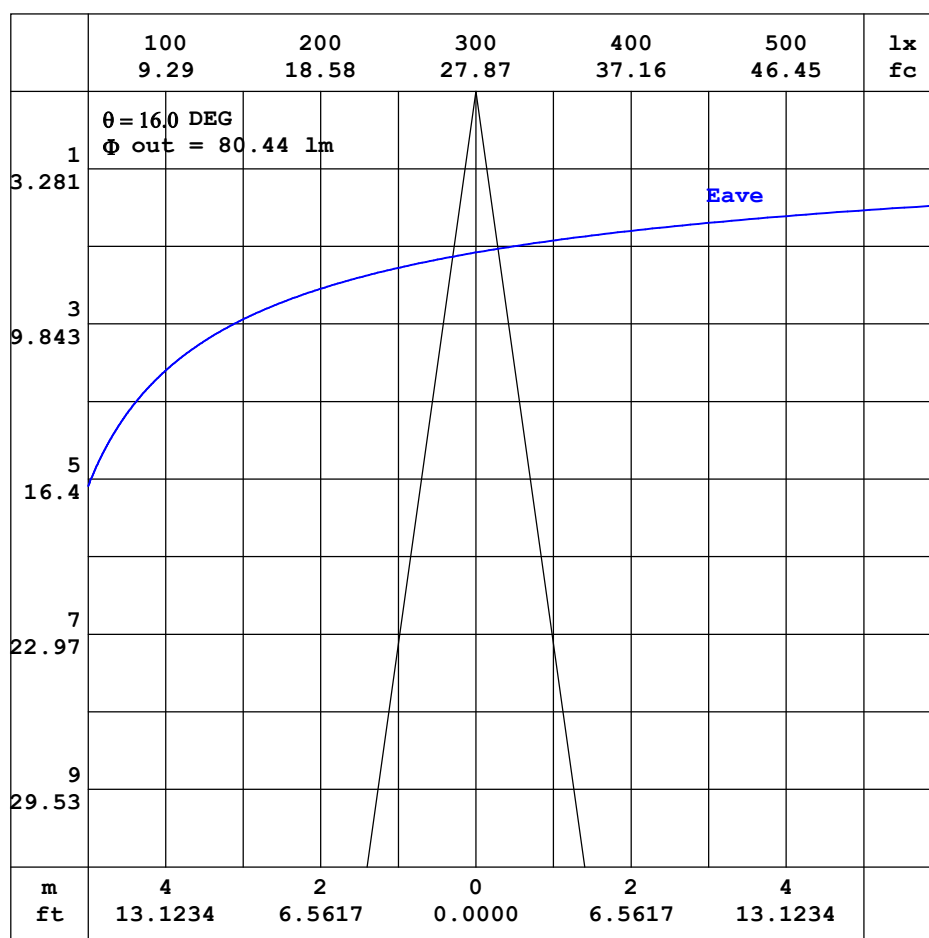


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.2320A P:28.00W PF:0.9900 Freq:60.00Hz Lamp Flux:3494.13x1 lm		
NAME: 12代 2FT 白色	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



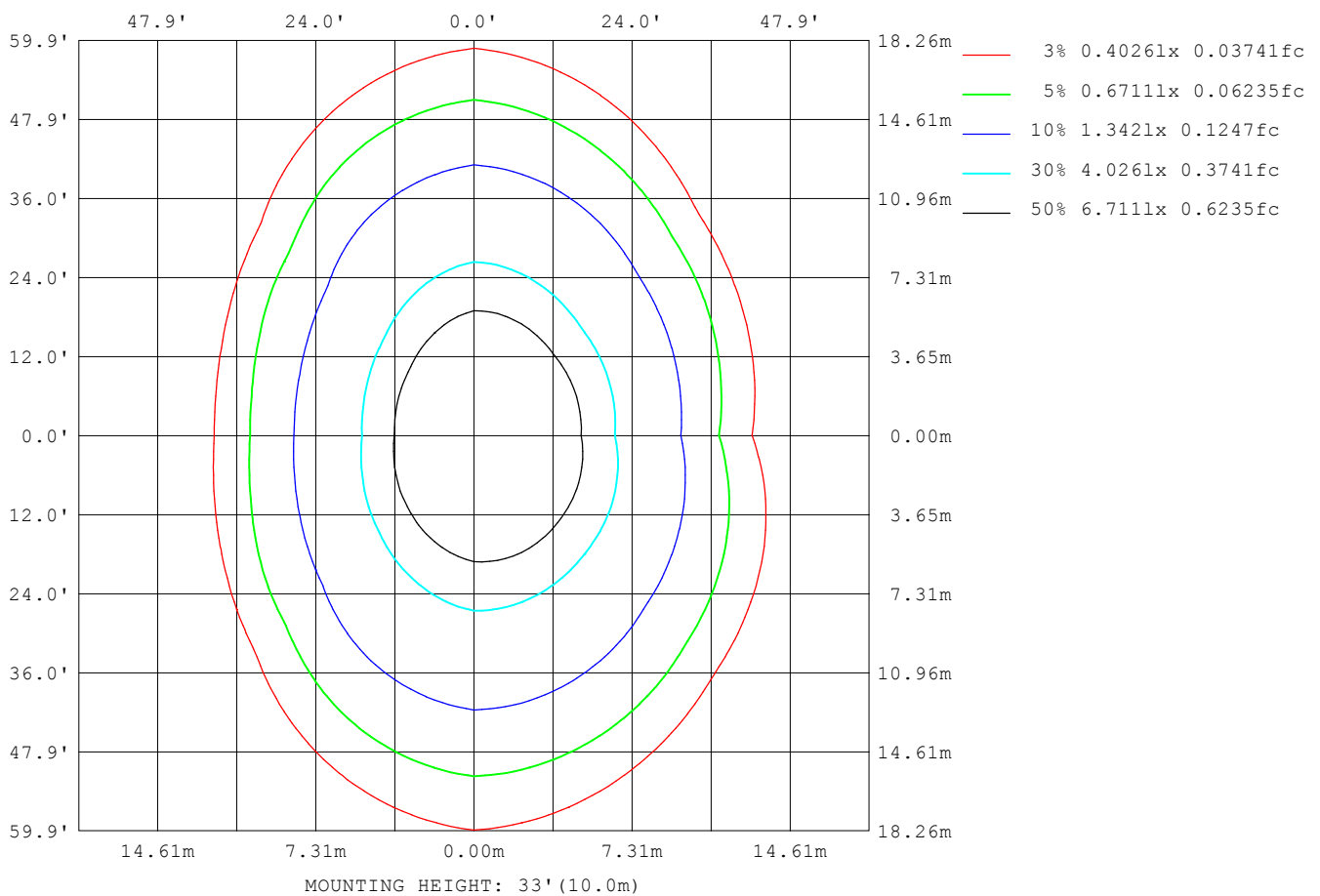
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.2320A P:28.00W PF:0.9900 Freq:60.00Hz Lamp Flux:3494.13x1 lm		
NAME: 12代 2FT 白色	TYPE:4000K	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:0.2320A P:28.00W PF:0.9900 Freq:60.00Hz Lamp Flux:3494.13x1 lm		
NAME: 12代 2FT 白色	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

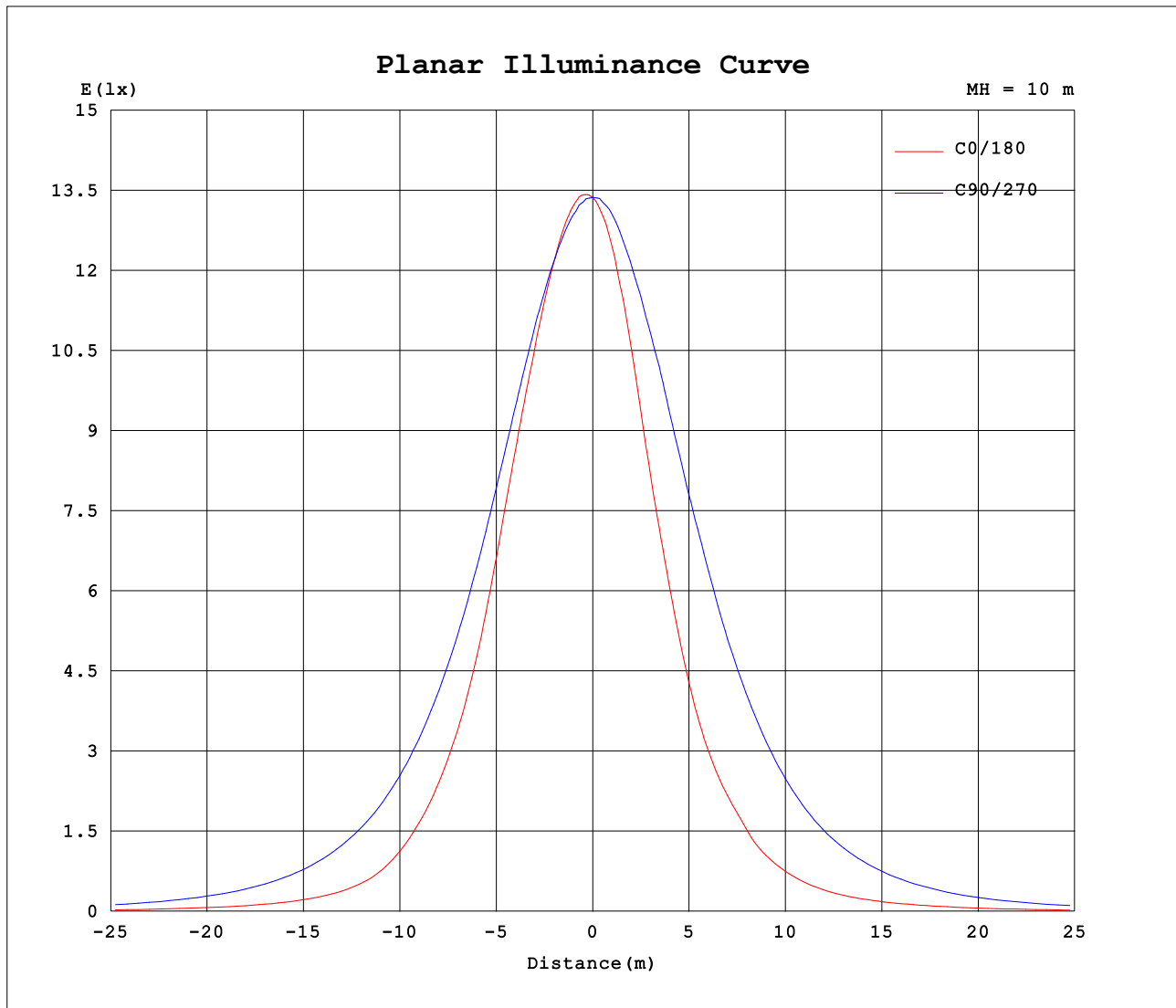
AvgL	cd/m2
L_0~180 (65) av	1631
L_0~180 (75) av	1333
L_0~180 (85) av	1070
L_90~270 (65) av	6590
L_90~270 (75) av	4591
L_90~270 (85) av	2043
L_45 (65) av	2473
L_45 (75) av	1479
L_45 (85) av	1443

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:0.2320A P:28.00W PF:0.9900 Freq:60.00Hz Lamp Flux:3494.13x1 lm																	
NAME: 12代 2FT 白色									TYPE:4000K						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	1336	1336	1336	1336	1335	1335	1335	1335	1335	1336	1336	1336	1336	1336	1336	1336	1337	1337	1337
5	1344	1344	1344	1344	1344	1344	1343	1342	1342	1341	1339	1338	1337	1335	1333	1332	1330	1328	1326
10	1307	1310	1312	1314	1316	1317	1318	1318	1318	1318	1318	1317	1316	1315	1313	1311	1308	1305	1302
15	1234	1240	1245	1250	1254	1258	1261	1264	1266	1268	1271	1273	1274	1275	1275	1274	1271	1268	1262
20	1127	1138	1148	1157	1165	1173	1180	1186	1192	1196	1203	1209	1214	1217	1219	1219	1217	1213	1206
25	982	999	1015	1030	1044	1057	1069	1080	1090	1099	1111	1122	1131	1138	1143	1145	1145	1141	1133
30	795	822	848	872	894	915	934	952	968	982	1000	1016	1030	1041	1049	1054	1055	1051	1044
35	619	648	676	703	728	752	775	796	816	834	859	881	901	918	932	942	947	948	943
40	462	488	513	537	561	584	607	629	651	672	701	730	756	780	800	817	829	835	836
45	319	344	368	392	416	439	462	485	508	530	562	593	622	648	672	691	706	716	720
50	205	229	253	276	300	323	346	369	391	413	444	475	503	529	553	572	588	598	603
55	141	159	177	196	214	233	252	271	290	309	338	365	392	417	439	458	474	485	491
60	102	109	118	128	138	150	162	176	190	206	231	257	282	306	328	348	365	378	387
65	73.2	74.0	76.1	79.6	84.4	90.6	98.1	107	117	129	150	172	194	216	236	255	271	284	293
70	49.8	48.2	47.9	48.8	50.9	54.3	58.9	64.7	71.8	80.1	96.4	113	131	148	164	179	192	203	211
75	35.7	32.5	30.4	29.3	29.3	30.3	32.3	35.3	39.4	44.5	55.6	67.3	79.3	91.3	103	113	123	131	137
80	21.7	20.5	19.8	19.6	19.9	20.7	22.0	23.8	26.0	28.8	34.4	40.4	46.5	52.5	58.3	63.7	68.5	72.5	75.6
85	10.5	10.4	10.4	10.6	10.9	11.4	12.0	12.7	13.6	14.6	16.5	18.5	20.5	22.5	24.4	26.1	27.7	29.0	30.0
90	2.89	3.65	4.33	4.92	5.43	5.85	6.19	6.44	6.61	6.69	6.44	6.12	5.75	5.36	4.95	4.56	4.19	3.87	3.61
95	4.52	5.12	5.67	6.19	6.66	7.09	7.48	7.83	8.13	8.39	8.33	8.25	8.17	8.11	8.09	8.14	8.26	8.50	8.86
100	23.8	23.1	22.6	22.2	22.0	21.9	22.0	22.3	22.7	23.3	24.6	25.9	27.4	28.9	30.4	31.9	33.3	34.7	35.9
105	37.2	36.4	36.0	35.9	36.0	36.5	37.2	38.3	39.6	41.3	44.5	47.9	51.4	54.9	58.3	61.6	64.6	67.2	69.3
110	55.8	54.8	54.2	54.0	54.4	55.1	56.3	58.0	60.1	62.7	67.6	72.8	78.2	83.6	88.9	93.9	98.6	103	106
115	74.2	77.6	81.0	84.4	88.0	91.6	95.3	99.0	103	107	111	116	121	126	130	134	138	142	145
120	103	113	123	132	140	148	155	161	167	172	174	176	178	179	181	181	182	184	185
125	165	176	187	196	205	212	219	225	230	233	233	233	231	230	228	226	225	224	225
130	261	266	269	273	276	278	280	282	283	283	280	277	274	271	268	266	264	264	264
135	345	342	340	337	334	332	330	327	325	322	318	314	310	307	305	303	302	302	303
140	395	390	384	379	374	370	365	362	358	355	351	347	344	341	340	339	338	339	341
145	425	419	413	408	403	399	395	391	388	385	382	379	377	375	375	374	375	376	378
150	444	439	434	430	426	422	419	416	414	412	409	408	406	406	405	406	407	408	410
155	459	455	451	448	445	442	440	438	436	435	435	434	434	434	435	436	437	439	441
160	473	470	467	465	462	461	459	458	457	456	456	456	457	457	458	460	461	463	465
165	485	484	482	480	479	478	477	477	476	476	476	477	477	478	479	480	481	483	484
170	497	496	495	495	494	494	493	493	493	494	494	495	496	497	498	499	500	501	503
175	508	507	507	507	506	506	506	506	506	506	507	507	508	508	509	510	511	511	512
180	514	514	514	514	514	514	514	514	514	514	514	514	514	514	514	514	514	514	514

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:0.2320A P:28.00W PF:0.9900 Freq:60.00Hz Lamp Flux:3494.13x1 lm		
NAME: 12代 2FT 白色	TYPE:4000K	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	1338	1339	1339	1340	1340	1341	1342	1342	1342	1342	1341	1341	1340	1339	1338	1337	1337	1336	1336
5	1325	1324	1322	1321	1319	1317	1316	1314	1311	1307	1303	1299	1295	1291	1287	1284	1281	1278	1278
10	1297	1292	1286	1280	1273	1266	1259	1252	1243	1232	1221	1210	1200	1190	1180	1172	1165	1160	1161
15	1252	1241	1228	1214	1200	1184	1168	1152	1135	1115	1095	1075	1057	1040	1024	1010	999	990	993
20	1189	1170	1148	1125	1101	1076	1050	1024	997	971	945	920	897	876	857	841	828	818	821
25	1110	1084	1055	1024	991	957	922	887	853	821	791	762	736	712	691	673	659	649	652
30	1017	986	951	914	875	834	793	752	712	677	645	615	588	563	542	524	510	501	504
35	914	880	841	800	756	711	665	620	577	545	515	488	464	444	426	412	401	394	396
40	806	772	732	689	643	596	548	501	455	425	397	372	350	331	315	303	294	289	290
45	693	661	625	584	541	497	452	407	364	336	310	287	267	250	236	225	217	213	214
50	580	552	519	483	445	405	364	324	285	260	238	218	201	187	175	165	159	155	156
55	471	446	417	385	351	316	280	245	211	192	175	160	147	137	128	122	119	117	116
60	370	350	325	299	270	240	210	180	151	137	125	115	106	99.8	94.9	91.6	89.7	89.3	87.5
65	281	265	245	224	200	176	152	128	105	95.0	86.4	79.4	73.9	69.7	66.8	65.1	64.4	64.6	62.7
70	202	190	176	160	143	126	108	90.1	73.3	65.8	59.5	54.3	50.3	47.2	45.1	43.8	43.2	43.3	42.0
75	131	123	113	102	90.4	78.3	66.1	54.2	43.0	39.1	36.2	34.1	32.7	32.0	31.8	32.0	32.6	33.3	31.8
80	72.7	68.9	64.3	59.1	53.4	47.5	41.5	35.5	29.8	27.2	24.9	23.1	21.5	20.3	19.5	18.8	18.5	18.3	18.1
85	29.2	28.1	26.7	25.2	23.4	21.6	19.6	17.7	15.8	14.6	13.4	12.4	11.4	10.5	9.79	9.14	8.60	8.17	8.23
90	3.96	4.37	4.82	5.29	5.77	6.23	6.66	7.02	7.31	6.96	6.52	6.03	5.50	4.97	4.43	3.93	3.48	3.09	3.36
95	10.2	11.6	13.1	14.6	16.1	17.6	18.9	20.2	21.2	21.1	20.7	20.2	19.6	19.0	18.3	17.7	17.0	16.5	16.9
100	36.4	36.7	36.9	36.9	36.8	36.6	36.3	35.9	35.4	34.6	33.7	32.8	31.9	31.1	30.3	29.6	29.1	28.7	29.2
105	68.6	67.5	65.9	64.0	61.9	59.6	57.2	54.8	52.5	51.4	50.4	49.5	48.9	48.3	48.0	47.8	47.7	47.9	48.2
110	105	104	102	99.7	96.8	93.6	90.1	86.5	82.9	79.9	77.0	74.3	71.8	69.6	67.7	66.3	65.3	64.8	66.5
115	146	148	149	149	149	148	146	144	141	134	127	120	112	105	99.1	93.7	89.3	86.3	92.2
120	191	197	203	209	214	218	221	223	224	213	202	189	176	164	152	142	133	126	135
125	233	243	253	263	272	281	289	295	300	291	281	270	258	246	235	224	215	208	216
130	273	283	294	305	316	327	338	347	355	354	352	348	344	339	334	330	325	321	326
135	311	320	330	341	351	363	374	384	394	400	405	410	413	416	418	420	421	421	421
140	348	356	364	373	383	393	403	413	423	432	441	448	456	462	467	472	475	477	475
145	384	391	398	406	414	422	431	440	448	457	466	474	481	488	494	499	502	505	502
150	415	420	426	432	438	445	452	459	466	473	481	488	495	501	506	511	514	517	514
155	444	448	451	455	460	464	468	473	478	484	490	495	501	506	510	514	517	519	516
160	467	470	473	476	479	482	485	488	491	495	499	502	506	509	511	514	515	516	515
165	486	489	491	493	495	497	500	502	504	506	508	510	511	513	514	515	515	516	515
170	504	505	507	508	509	510	512	513	514	514	515	515	516	516	516	516	516	516	516
175	513	513	514	515	515	516	516	517	517	517	518	518	518	518	518	518	518	518	517
180	514	514	514	514	514	514	514	514	514	514	514	514	514	514	514	514	514	514	514

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:0.2320A P:28.00W PF:0.9900 Freq:60.00Hz Lamp Flux:3494.13x1 lm		
NAME: 12代 2FT 白色	TYPE:4000K	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	1335	1335	1335	1335	1335	1335	1335	1336	1336	1336	1336	1336	1336	1336	1337	1337	1337	1338	1339
5	1279	1279	1281	1282	1285	1287	1290	1293	1297	1301	1305	1309	1314	1318	1322	1326	1329	1331	1333
10	1164	1168	1173	1180	1187	1195	1204	1213	1223	1233	1242	1252	1262	1271	1279	1288	1295	1298	1300
15	998	1006	1017	1029	1043	1059	1075	1093	1112	1131	1150	1169	1188	1205	1221	1236	1249	1252	1254
20	827	837	849	865	883	903	925	948	977	1007	1038	1068	1097	1124	1150	1174	1194	1197	1197
25	660	672	687	705	727	751	777	806	843	881	919	957	994	1029	1062	1091	1116	1119	1118
30	512	524	539	559	582	608	637	669	712	757	802	847	891	932	970	1004	1033	1033	1028
35	401	410	423	440	459	483	509	539	585	633	682	730	777	821	862	898	927	923	912
40	294	303	315	330	349	372	397	426	474	523	573	623	671	716	757	792	821	813	797
45	218	226	237	251	269	289	313	339	383	429	476	522	566	608	645	677	703	693	676
50	159	166	175	187	202	219	239	262	301	342	383	424	463	499	532	559	581	571	554
55	118	122	128	136	147	160	175	193	227	262	298	334	368	399	427	451	470	457	439
60	87.1	88.3	91.1	95.7	102	110	121	134	161	191	221	250	279	305	329	348	363	350	333
65	61.7	61.8	63.0	65.4	69.3	74.6	81.5	90.2	111	133	156	178	200	220	237	252	264	253	238
70	41.3	41.4	42.3	44.0	46.7	50.3	55.1	61.0	75.1	89.9	105	120	135	148	160	170	177	169	159
75	30.5	29.5	28.9	28.7	28.9	29.8	31.4	33.7	41.5	50.0	58.6	67.3	75.7	83.5	90.5	96.3	101	96.0	89.9
80	18.1	18.2	18.6	19.2	19.9	20.8	21.9	23.2	25.6	28.1	30.6	33.1	35.4	37.6	39.4	41.0	42.1	40.7	38.8
85	8.38	8.61	8.89	9.20	9.52	9.82	10.1	10.3	9.82	9.30	8.73	8.14	7.56	6.99	6.47	6.01	5.64	5.87	6.19
90	3.70	4.08	4.50	4.92	5.33	5.70	6.02	6.27	5.84	5.34	4.78	4.20	3.61	3.03	2.49	2.01	1.61	1.88	2.23
95	17.4	18.0	18.6	19.2	19.8	20.4	21.0	21.5	21.6	21.6	21.4	21.2	20.9	20.5	20.0	19.4	18.7	17.6	16.4
100	29.9	30.7	31.6	32.7	33.8	35.0	36.2	37.4	38.9	40.4	41.8	43.0	44.1	45.0	45.6	46.0	46.0	44.2	42.0
105	48.7	49.3	50.2	51.1	52.3	53.6	55.0	56.6	59.6	62.7	65.7	68.6	71.3	73.7	75.7	77.1	78.0	75.4	72.3
110	68.8	71.5	74.5	77.8	81.3	85.0	88.7	92.4	96.1	99.7	103	106	109	111	112	113	113	109	105
115	99.3	108	116	126	135	145	153	161	163	164	164	164	162	160	157	154	150	147	143
120	147	160	174	188	203	217	230	241	240	237	232	226	219	211	203	196	188	187	187
125	227	239	251	265	277	290	300	310	304	297	288	278	268	257	246	236	226	227	228
130	331	336	341	346	351	355	358	359	351	341	330	319	308	296	285	275	266	266	268
135	420	419	417	414	410	406	401	395	385	374	363	352	341	331	321	312	305	304	305
140	471	467	461	455	448	440	431	422	413	402	392	383	373	364	356	349	342	341	341
145	497	492	486	478	470	462	453	444	435	427	419	410	403	396	389	383	378	377	376
150	510	505	499	492	485	477	470	462	455	448	442	436	430	424	420	415	411	410	409
155	513	509	504	499	494	488	482	476	471	467	463	459	455	451	448	445	443	441	440
160	513	510	508	504	501	497	493	489	486	483	480	477	474	472	469	467	465	464	463
165	514	512	510	509	507	505	502	500	498	496	495	493	491	489	488	486	485	484	483
170	515	515	514	514	513	512	511	510	509	508	507	506	504	503	502	501	500	499	499
175	517	517	516	516	516	515	515	514	514	513	513	512	512	511	511	510	510	510	510
180	514	514	514	514	514	514	514	514	514	514	514	514	514	514	514	514	514	514	514

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:0.2320A P:28.00W PF:0.9900 Freq:60.00Hz Lamp Flux:3494.13x1 lm																	
NAME: 12代 2FT 白色									TYPE:4000K						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	1339	1340	1340	1341	1342	1342	1342	1342	1342	1341	1341	1340	1339	1338	1337				
5	1334	1335	1336	1337	1338	1338	1339	1339	1340	1341	1342	1342	1343	1343	1344				
10	1302	1303	1304	1304	1303	1303	1302	1303	1304	1304	1305	1305	1306	1306	1307				
15	1254	1252	1249	1246	1242	1237	1233	1232	1232	1232	1231	1232	1232	1233	1233				
20	1194	1189	1182	1174	1165	1155	1145	1142	1139	1136	1133	1131	1130	1129	1128				
25	1112	1104	1093	1080	1066	1051	1036	1029	1022	1015	1009	1003	997	992	987				
30	1018	1004	987	967	946	923	900	887	874	862	850	838	827	816	805				
35	896	876	852	825	796	767	738	721	705	690	676	663	651	639	629				
40	776	751	721	689	655	621	587	567	550	533	518	504	491	480	470				
45	654	627	596	563	528	493	458	437	418	400	383	367	353	341	329				
50	532	506	477	445	412	378	345	325	306	288	271	255	241	228	216				
55	416	390	361	330	299	267	236	219	203	189	177	166	157	150	145				
60	311	287	260	232	204	176	150	136	125	115	108	102	99.1	97.9	98.7				
65	221	201	180	158	136	114	93.7	84.1	76.3	70.3	66.2	63.9	63.5	64.9	68.1				
70	147	133	118	103	87.6	72.7	58.7	52.3	47.2	43.5	41.2	40.2	40.6	42.3	45.3				
75	82.7	74.6	66.0	57.1	48.3	39.8	32.0	28.8	26.5	25.1	24.6	25.1	26.4	28.6	31.7				
80	36.6	34.2	31.6	29.0	26.3	23.8	21.4	20.4	19.6	19.2	18.9	19.0	19.3	19.8	20.6				
85	6.59	7.04	7.54	8.06	8.59	9.12	9.62	9.87	10.1	10.3	10.4	10.5	10.5	10.6	10.5				
90	2.65	3.11	3.59	4.08	4.55	4.98	5.36	5.39	5.35	5.23	5.03	4.76	4.41	3.98	3.47				
95	15.2	14.0	12.7	11.4	10.2	8.98	7.86	7.12	6.47	5.91	5.45	5.08	4.80	4.61	4.52				
100	39.6	37.1	34.5	31.8	29.2	26.8	24.5	23.4	22.5	21.9	21.6	21.5	21.7	22.2	22.9				
105	68.7	64.7	60.6	56.3	52.0	47.8	43.8	41.7	40.0	38.6	37.5	36.7	36.3	36.3	36.5				
110	100	94.8	89.1	83.4	77.7	72.1	66.8	63.8	61.3	59.2	57.6	56.3	55.5	55.2	55.3				
115	139	135	131	127	122	117	113	108	104	99.9	95.7	91.4	87.1	82.8	78.5				
120	186	186	186	185	184	183	181	176	170	163	155	146	137	126	115				
125	231	233	236	238	241	242	243	239	234	228	220	211	201	190	178				
130	270	273	277	281	285	288	292	291	290	288	285	282	278	273	267				
135	307	309	313	317	321	326	330	333	335	336	338	340	341	343	344				
140	342	344	347	350	353	358	362	365	368	372	375	379	383	387	391				
145	377	378	379	382	385	388	391	394	397	400	404	407	411	415	420				
150	409	409	410	411	413	415	417	419	421	424	426	429	433	436	440				
155	439	438	438	438	438	439	440	441	442	444	446	448	450	453	456				
160	462	461	461	461	461	461	462	462	463	464	465	466	467	469	471				
165	482	481	481	480	480	479	479	479	480	480	481	481	482	483	484				
170	498	498	497	497	497	497	497	496	496	496	496	496	497	497	497				
175	510	510	510	510	510	510	510	510	509	509	509	509	509	508	508				
180	514	514	514	514	514	514	514	514	514	514	514	514	514	514	514				

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: