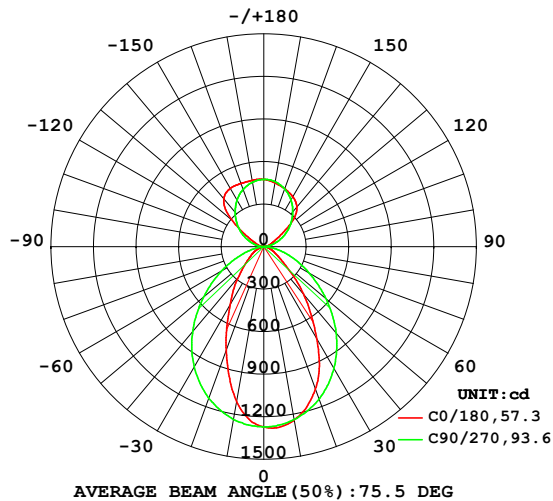


LUMINAIRE PHOTOMETRIC TEST REPORT

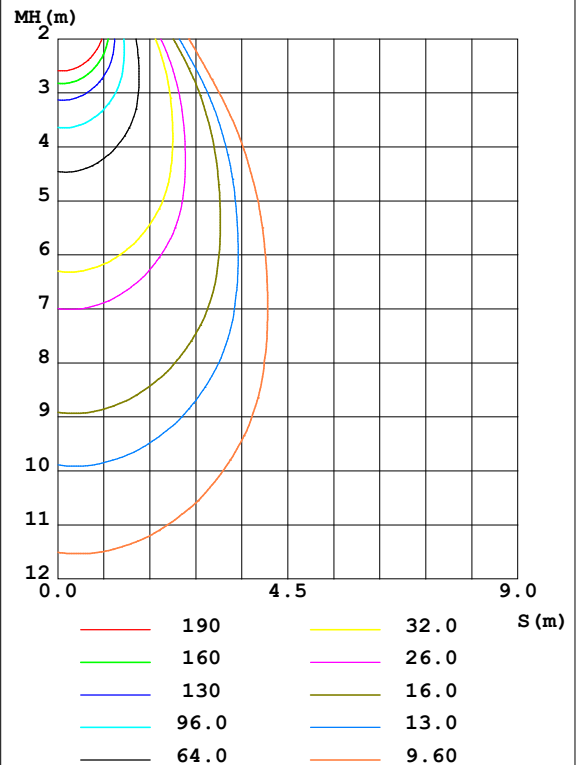
Test:U:120.5V I:0.2270A P:27.40W PF:0.9900 Freq:60.00Hz Lamp Flux:3281.31x1 lm		
NAME: 12代 2FT 白色	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 119.76 lm/W			
MODEL		I _{max} (cd)	1281	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)	3281.3	η UP, DN (C0-180)	18.8, 32.2
NOMINAL FLUX (lm)	3281.31	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	19.0, 29.9
LAMPS INSIDE	1	η up (%)	37.9	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)	120.0	η down (%)	62.1	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:

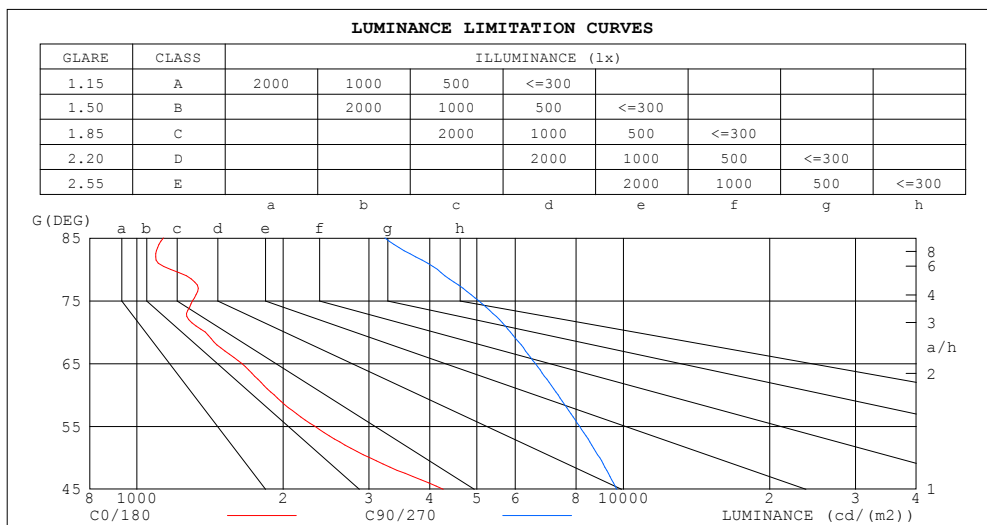
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1241	1251	1238	1185	1108	1156	1237	1235	0- 10	118.3	118.3	3.6,3.6
20	1068	1132	1143	948.3	777.0	903.8	1138	1090	10- 20	315.5	433.8	13.2,13.2
30	747.4	928.0	990.5	669.3	475.5	633.3	981.3	854.2	20- 30	417.6	851.4	25.9,25.9
40	435.4	633.8	795.1	429.1	273.2	402.1	779.7	552.3	30- 40	413.5	1265	38.5,38.5
50	193.4	390.2	575.1	269.3	147.1	247.9	554.2	325.2	40- 50	335.9	1601	48.8,48.8
60	95.76	194.1	367.2	142.5	84.56	126.3	346.1	140.9	50- 60	231.8	1833	55.9,55.9
70	47.30	75.83	200.6	69.51	40.97	57.52	167.6	55.27	60- 70	132.0	1965	59.9,59.9
80	20.37	27.32	72.03	28.25	17.30	21.57	40.12	19.82	70- 80	59.02	2024	61.7,61.7
90	2.652	6.424	3.645	7.000	2.802	5.313	1.433	4.521	80- 90	15.25	2039	62.1,62.1
100	21.91	22.00	33.79	33.23	26.47	33.87	40.95	21.95	90-100	15.19	2054	62.6,62.6
110	51.31	58.64	99.19	77.50	59.61	84.51	102.9	60.86	100-110	52.58	2107	64.2,64.2
120	94.80	160.7	173.2	209.5	116.0	222.8	172.6	166.4	110-120	114.4	2221	67.7,67.7
130	240.1	264.5	247.6	330.9	296.6	330.9	245.2	268.5	120-130	199.3	2420	73.8,73.8
140	364.3	331.6	319.1	395.1	439.0	388.6	315.1	333.5	130-140	249.6	2670	81.4,81.4
150	408.9	382.9	383.5	432.5	474.8	425.6	379.5	384.1	140-150	241.8	2912	88.7,88.7
160	435.4	425.2	433.6	455.2	474.7	450.5	430.2	424.7	150-160	196.4	3108	94.7,94.7
170	457.8	457.9	466.2	473.9	475.3	470.7	462.0	457.3	160-170	128.2	3236	98.6,98.6
180	473.6	473.6	473.6	473.6	473.6	473.6	473.6	473.6	170-180	44.88	3281	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:0.2270A P:27.40W PF:0.9900 Freq:60.00Hz Lamp Flux:3281.31x1 lm		
NAME: 12代 2FT 白色	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1135	3239
80	1173	4148
75	1303	5042
70	1383	5865
65	1644	6593
60	1915	7343
55	2322	8126
50	3009	8947
45	4267	9698

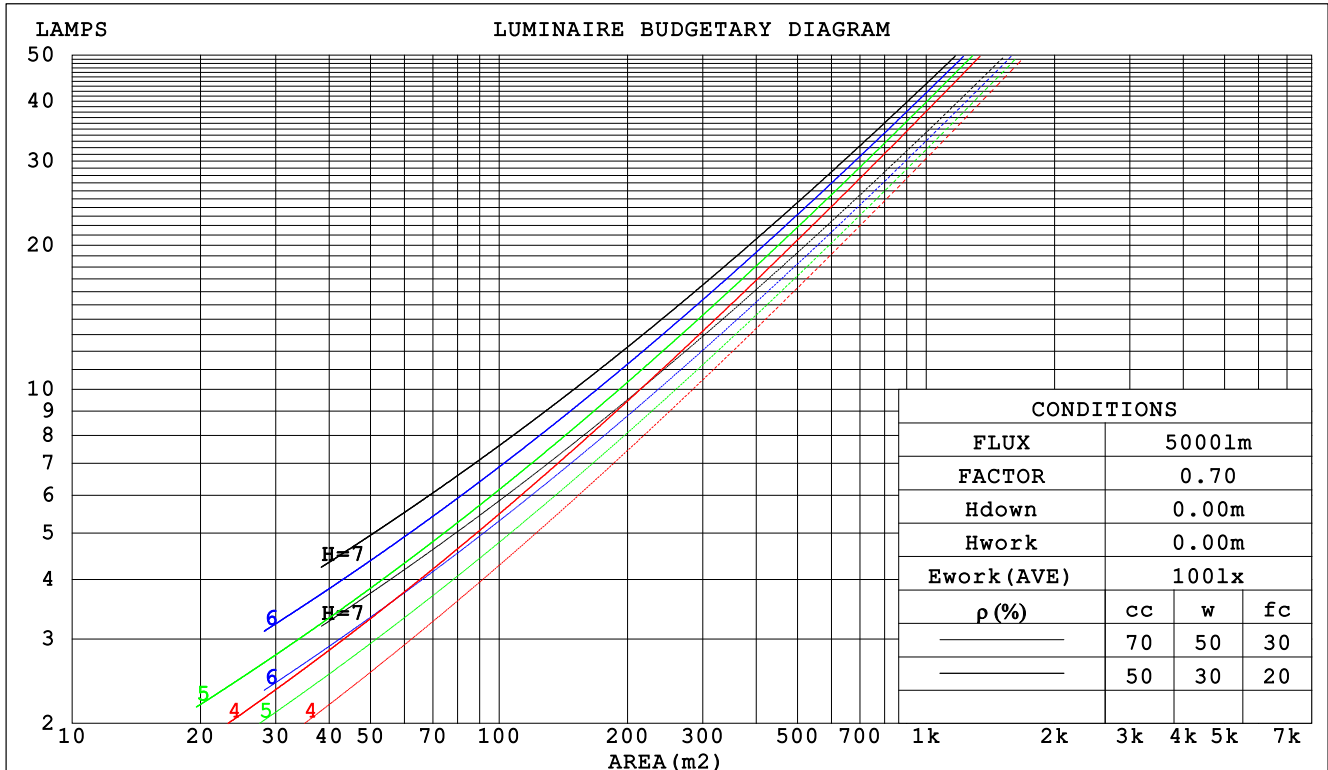
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.2270A P:27.40W PF:0.9900 Freq:60.00Hz Lamp Flux:3281.31x1 lm		
NAME: 12代 2FT 白色	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	.90	.90	.90	.78	.78	.78	.67	.67	.67	.62
1.0	.98	.94	.91	.92	.89	.86	.81	.79	.77	.71	.69	.68	.61	.60	.59	.55
2.0	.87	.81	.77	.82	.77	.73	.72	.69	.66	.64	.61	.59	.56	.54	.52	.48
3.0	.78	.71	.65	.73	.67	.62	.65	.60	.57	.57	.54	.51	.50	.48	.46	.42
4.0	.70	.62	.57	.66	.59	.54	.59	.54	.50	.52	.48	.45	.46	.43	.41	.37
5.0	.63	.55	.50	.60	.53	.48	.53	.48	.44	.48	.43	.40	.42	.39	.36	.33
6.0	.57	.49	.44	.54	.47	.42	.49	.43	.39	.44	.39	.36	.39	.35	.33	.30
7.0	.52	.44	.39	.49	.43	.38	.45	.39	.35	.40	.36	.32	.36	.32	.30	.27
8.0	.48	.40	.35	.45	.39	.34	.41	.36	.32	.37	.33	.29	.33	.30	.27	.25
9.0	.44	.37	.32	.42	.35	.31	.38	.33	.29	.34	.30	.27	.31	.27	.25	.23
10.0	.41	.34	.29	.39	.32	.28	.35	.30	.26	.32	.28	.25	.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:0.2270A P:27.40W PF:0.9900 Freq:60.00Hz Lamp Flux:3281.31x1 lm		
NAME: 12代 2FT 白色	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	.252	.143	.045	.233	.133	.042	.199	.114	.036	.167	.097	.031	.138	.080	.026		
2.0	.238	.130	.040	.221	.122	.038	.190	.106	.033	.161	.090	.028	.135	.076	.024		
3.0	.222	.118	.035	.207	.111	.033	.179	.097	.029	.153	.084	.026	.129	.071	.022		
4.0	.208	.108	.032	.194	.101	.030	.168	.089	.027	.144	.077	.023	.122	.066	.020		
5.0	.194	.099	.029	.182	.093	.027	.158	.082	.024	.136	.072	.021	.115	.061	.018		
6.0	.182	.091	.026	.170	.086	.025	.148	.076	.022	.128	.066	.020	.109	.057	.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	.114	.058	.017	.098	.050	.015		
9.0	.151	.073	.020	.142	.069	.019	.125	.062	.017	.108	.054	.016	.093	.047	.014		
10.0	.143	.069	.019	.135	.065	.018	.118	.058	.016	.103	.051	.015	.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	.479	.479	.479	.409	.409	.409	.279	.279	.279	.160	.160	.160	.051	.051	.051	
1.0	.467	.448	.430	.400	.384	.370	.273	.264	.256	.157	.153	.149	.050	.049	.048	
2.0	.458	.425	.397	.392	.366	.343	.269	.253	.240	.155	.147	.140	.050	.048	.046	
3.0	.450	.408	.375	.386	.352	.325	.265	.245	.228	.153	.143	.135	.049	.046	.044	
4.0	.442	.396	.360	.380	.342	.313	.261	.238	.220	.151	.140	.130	.049	.045	.043	
5.0	.435	.386	.349	.374	.334	.304	.258	.233	.215	.149	.137	.127	.048	.045	.042	
6.0	.429	.378	.341	.369	.327	.297	.254	.229	.210	.148	.135	.125	.048	.044	.041	
7.0	.423	.372	.335	.364	.322	.292	.251	.226	.207	.146	.133	.123	.047	.044	.041	
8.0	.418	.366	.331	.359	.318	.288	.249	.223	.205	.145	.132	.122	.047	.043	.040	
9.0	.412	.362	.327	.355	.314	.285	.246	.221	.203	.143	.130	.121	.046	.043	.040	
10.0	.407	.358	.324	.351	.311	.283	.244	.219	.201	.142	.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:0.2270A P:27.40W PF:0.9900 Freq:60.00Hz Lamp Flux:3281.31x1 lm										
NAME: 12代 2FT 白色					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	13.6	14.6	14.4	15.3	16.2	17.9	18.9	18.6	19.6	20.4
3H	13.7	14.6	14.5	15.3	16.2	18.9	19.8	19.7	20.5	21.4
4H	13.7	14.5	14.5	15.3	16.2	19.3	20.1	20.0	20.8	21.8
6H	13.7	14.4	14.5	15.2	16.2	19.5	20.2	20.3	21.0	22.0
8H	13.7	14.4	14.5	15.2	16.1	19.5	20.2	20.3	21.0	22.0
12H	13.6	14.3	14.4	15.1	16.1	19.5	20.2	20.4	21.0	22.0
4H 2H	14.1	14.9	14.8	15.6	16.6	17.7	18.5	18.5	19.3	20.2
3H	14.2	14.9	15.0	15.7	16.7	18.8	19.5	19.7	20.3	21.3
4H	14.2	14.8	15.0	15.6	16.7	19.3	19.9	20.1	20.7	21.8
6H	14.2	14.8	15.1	15.6	16.7	19.6	20.1	20.5	21.0	22.1
8H	14.2	14.7	15.1	15.6	16.6	19.7	20.2	20.6	21.1	22.1
12H	14.2	14.6	15.1	15.5	16.6	19.8	20.2	20.6	21.1	22.2
8H 4H	14.3	14.8	15.2	15.6	16.7	19.1	19.6	20.0	20.5	21.5
6H	14.4	14.8	15.3	15.7	16.8	19.5	19.9	20.4	20.8	21.9
8H	14.4	14.7	15.3	15.7	16.8	19.7	20.0	20.6	20.9	22.0
12H	14.4	14.7	15.4	15.6	16.8	19.7	20.0	20.7	21.0	22.1
12H 4H	14.3	14.7	15.2	15.6	16.7	19.0	19.5	19.9	20.4	21.4
6H	14.4	14.7	15.3	15.6	16.8	19.4	19.8	20.4	20.7	21.8
8H	14.4	14.7	15.4	15.7	16.8	19.6	19.9	20.5	20.8	22.0
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 3281 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.1)

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:0.2270A P:27.40W PF:0.9900 Freq:60.00Hz Lamp Flux:3281.31x1 lm		
NAME: 12代 2FT 白色	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

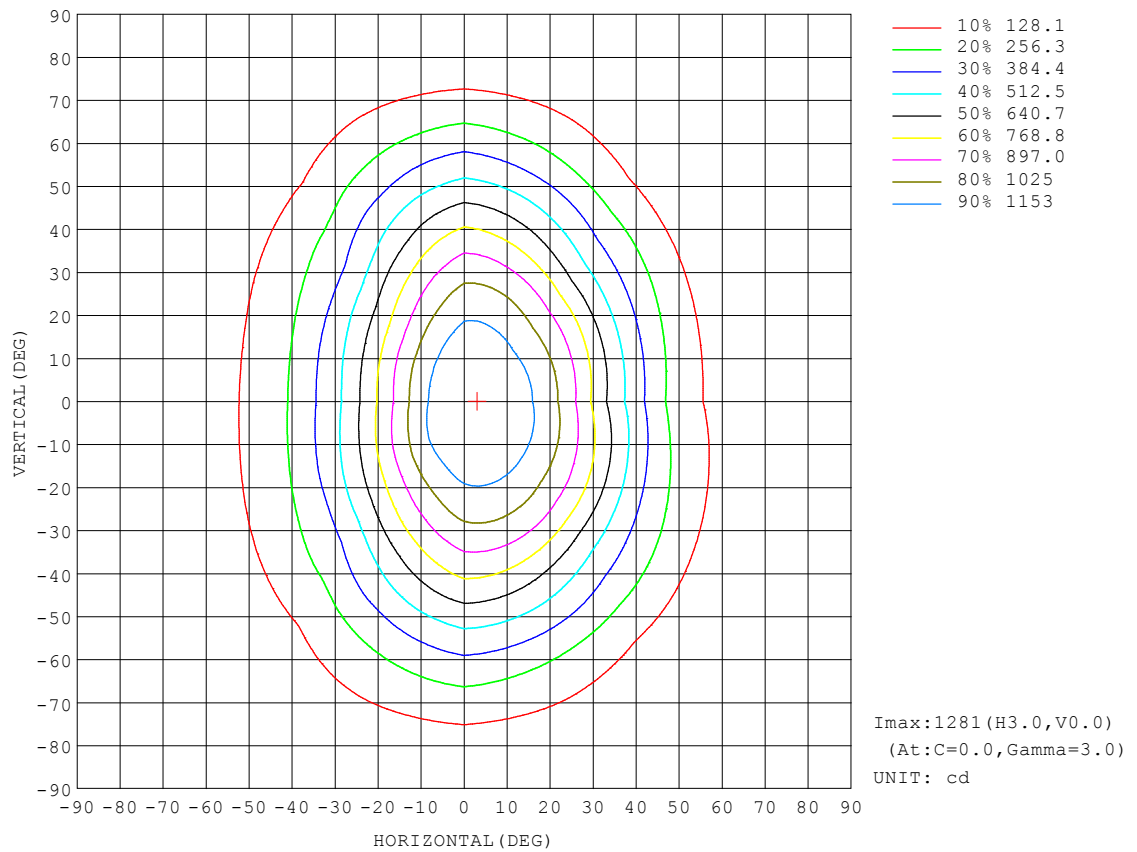
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	54	44	38	52	43	37	48	40	36	29
0.80	63	53	47	60	51	45	55	48	43	34
1.00	70	60	54	67	58	53	61	55	49	39
1.25	77	67	61	73	65	59	66	60	55	43
1.50	82	73	66	77	69	64	70	64	59	46
2.00	88	80	74	83	76	71	74	69	65	50
2.50	91	84	79	86	80	75	77	72	69	51
3.00	94	88	83	89	83	79	79	75	72	53
4.00	98	93	88	92	88	84	82	78	76	55
5.00	100	96	92	94	90	87	83	80	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:0.2270A P:27.40W PF:0.9900 Freq:60.00Hz Lamp Flux:3281.31x1 lm		
NAME: 12代 2FT 白色	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

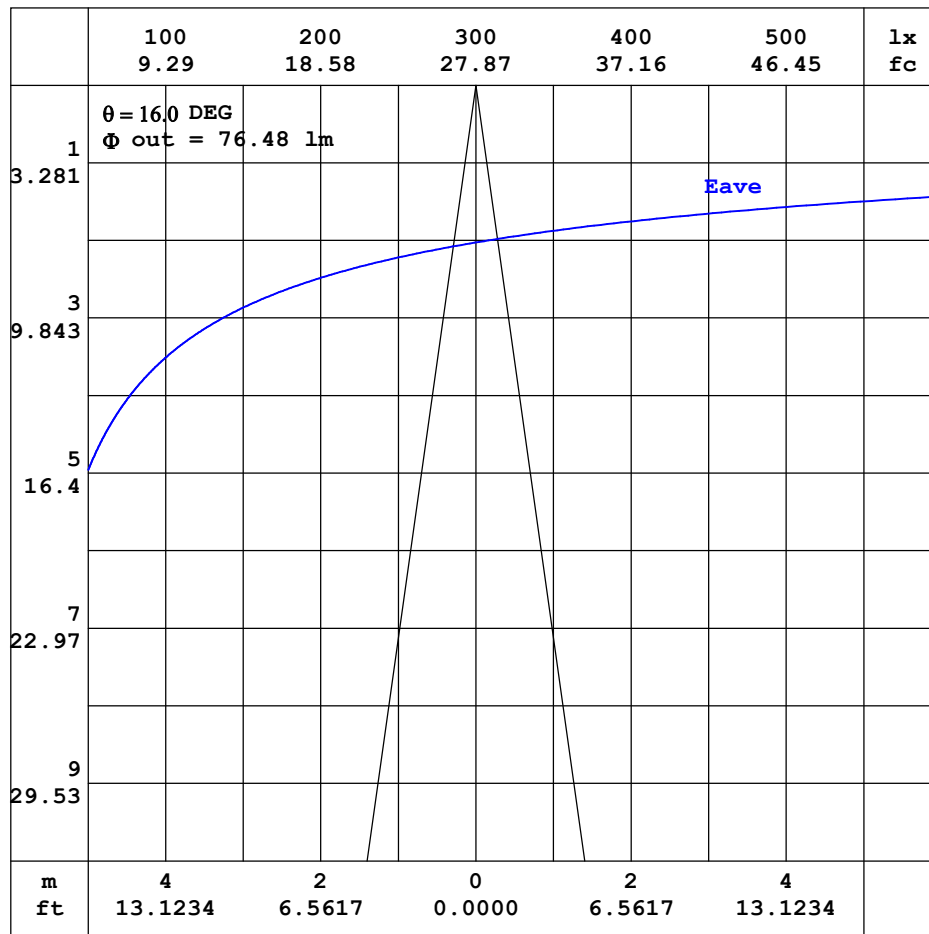


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.2270A P:27.40W PF:0.9900 Freq:60.00Hz Lamp Flux:3281.31x1 lm		
NAME: 12代 2FT 白色	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



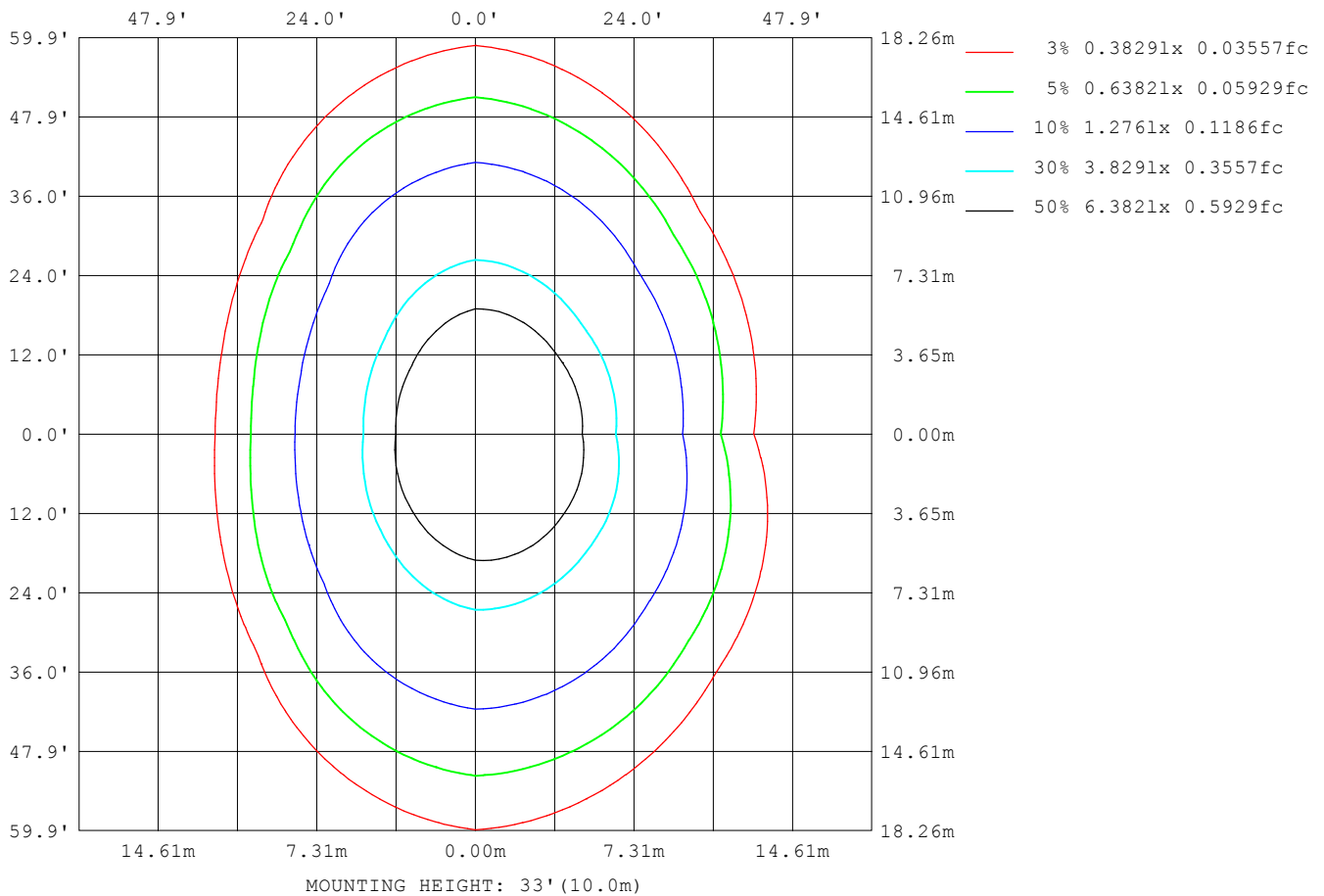
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.2270A P:27.40W PF:0.9900 Freq:60.00Hz Lamp Flux:3281.31x1 lm		
NAME: 12代 2FT 白色	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:0.2270A P:27.40W PF:0.9900 Freq:60.00Hz Lamp Flux:3281.31x1 lm		
NAME: 12代 2FT 白色	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

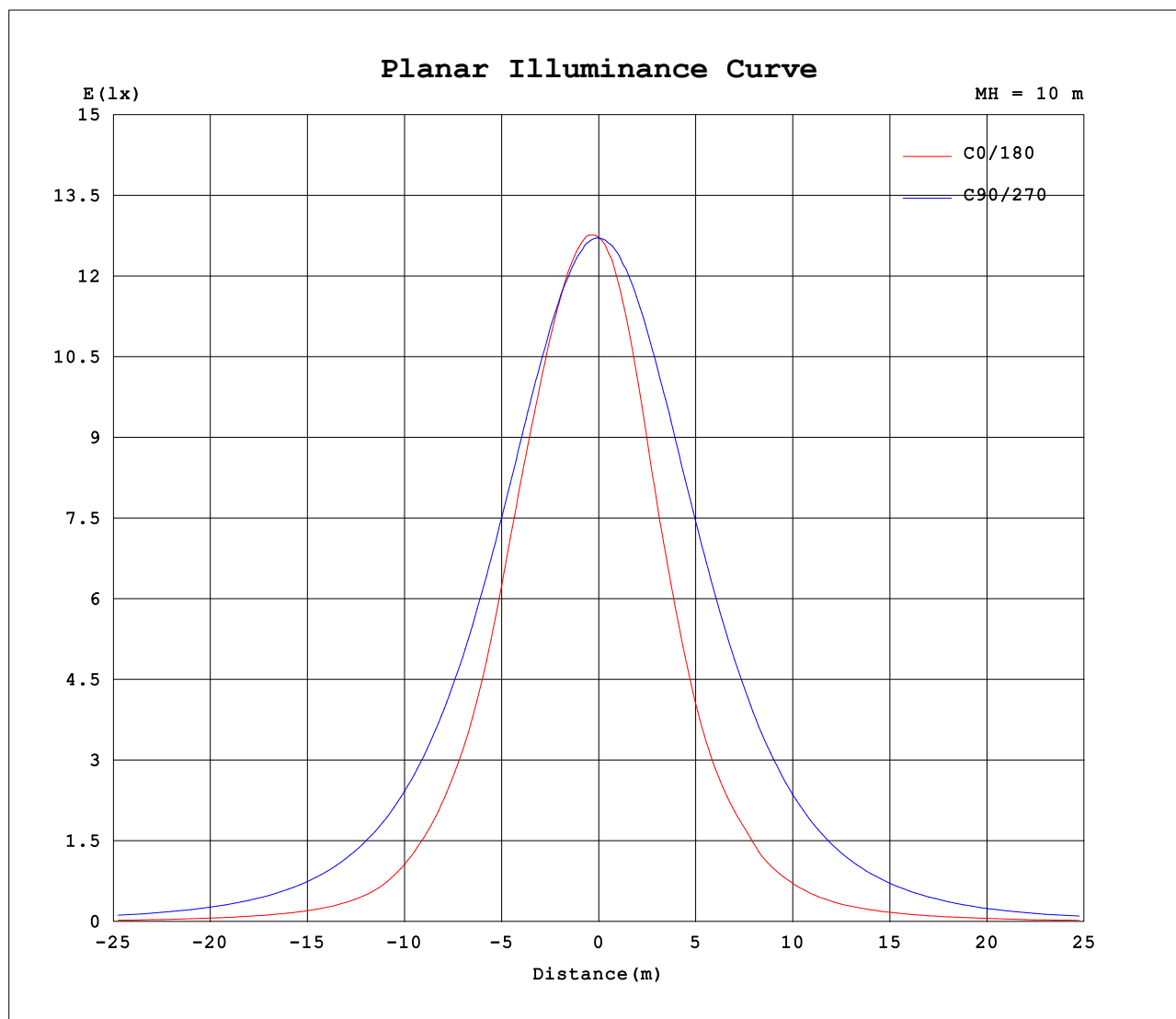
AvgL	cd/m2
L_0~180 (65) av	1547
L_0~180 (75) av	1264
L_0~180 (85) av	1006
L_90~270 (65) av	6264
L_90~270 (75) av	4368
L_90~270 (85) av	1930
L_45 (65) av	2340
L_45 (75) av	1394
L_45 (85) av	1359

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:0.2270A P:27.40W PF:0.9900 Freq:60.00Hz Lamp Flux:3281.31x1 lm																	
NAME: 12代 2FT 白色									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	1271	1271	1270	1270	1269	1269	1269	1269	1269	1269	1269	1269	1269	1270	1270	1271	1271	1271	1271
5	1277	1278	1278	1278	1277	1277	1277	1276	1276	1275	1274	1273	1271	1270	1268	1267	1265	1264	1262
10	1241	1243	1245	1247	1248	1249	1250	1251	1251	1251	1251	1251	1250	1249	1248	1246	1244	1241	1238
15	1172	1177	1182	1186	1190	1194	1197	1199	1201	1203	1205	1207	1209	1209	1209	1207	1205	1202	1197
20	1068	1077	1087	1095	1103	1110	1116	1122	1127	1132	1138	1144	1149	1152	1154	1155	1153	1149	1143
25	929	945	960	974	987	999	1010	1021	1030	1039	1050	1061	1070	1077	1082	1084	1084	1080	1073
30	747	773	798	821	842	862	881	898	914	928	946	961	975	986	994	999	1000	998	990
35	581	609	635	661	685	708	730	751	770	788	812	833	853	870	883	893	899	900	896
40	435	459	483	506	528	550	572	593	614	634	663	690	716	739	759	776	788	794	795
45	302	325	347	370	392	414	436	458	480	501	532	561	590	615	638	657	672	682	686
50	193	216	238	260	282	304	326	348	369	390	420	449	477	502	525	544	560	570	575
55	133	150	167	184	201	219	237	255	273	291	318	345	370	394	416	434	449	460	466
60	95.8	103	111	120	130	141	153	166	179	194	218	243	267	290	311	330	346	359	367
65	69.5	70.1	72.0	75.1	79.6	85.4	92.5	101	111	121	142	163	184	205	224	242	257	270	279
70	47.3	45.7	45.3	46.1	48.1	51.3	55.6	61.2	67.9	75.8	91.4	108	124	140	156	170	183	193	201
75	33.7	30.7	28.7	27.7	27.6	28.5	30.5	33.4	37.3	42.2	52.7	64.0	75.5	86.9	97.9	108	117	125	131
80	20.4	19.3	18.7	18.5	18.8	19.6	20.8	22.5	24.7	27.3	32.7	38.4	44.3	50.0	55.6	60.7	65.3	69.1	72.0
85	9.89	9.83	9.89	10.1	10.4	10.8	11.4	12.1	12.9	13.9	15.7	17.5	19.4	21.2	23.0	24.6	26.1	27.3	28.2
90	2.65	3.39	4.06	4.64	5.14	5.56	5.89	6.15	6.33	6.42	6.21	5.93	5.60	5.24	4.88	4.52	4.18	3.88	3.64
95	4.16	4.73	5.27	5.77	6.23	6.66	7.04	7.39	7.71	7.98	7.98	7.95	7.93	7.92	7.95	8.03	8.18	8.43	8.79
100	21.9	21.3	20.9	20.6	20.5	20.5	20.7	21.0	21.4	22.0	23.2	24.5	25.8	27.2	28.6	30.0	31.4	32.7	33.8
105	34.1	33.5	33.2	33.2	33.4	33.9	34.7	35.7	37.0	38.6	41.6	44.8	48.0	51.3	54.5	57.5	60.3	62.8	64.8
110	51.3	50.5	50.1	50.1	50.5	51.3	52.5	54.1	56.2	58.6	63.3	68.1	73.2	78.2	83.2	87.9	92.2	96.0	99.2
115	68.3	71.7	75.1	78.6	82.1	85.6	89.2	92.9	96.5	100	105	109	114	118	122	126	129	132	135
120	94.8	105	114	123	131	138	145	151	156	161	163	165	167	168	169	170	171	172	173
125	151	162	172	182	190	198	204	210	215	218	219	218	217	215	214	212	211	210	211
130	240	245	249	253	256	259	261	263	264	264	262	259	256	254	251	249	248	247	248
135	318	316	314	312	310	308	306	304	302	301	297	293	290	287	285	283	283	283	284
140	364	360	355	351	347	344	340	337	334	332	328	325	322	319	318	317	317	317	319
145	391	386	382	378	374	370	367	364	361	359	356	354	352	351	350	349	350	351	353
150	409	405	401	397	394	391	389	386	384	383	381	380	379	379	379	379	380	381	383
155	423	420	417	415	412	411	409	407	406	406	405	405	405	405	405	406	408	409	411
160	435	433	432	430	429	427	426	426	425	425	425	426	426	427	428	429	430	432	434
165	447	446	445	444	443	443	442	442	442	443	443	444	445	446	447	448	449	450	452
170	458	457	457	457	457	457	457	457	458	458	459	459	460	461	462	463	464	465	466
175	468	468	467	467	467	467	467	467	468	468	468	469	470	470	471	472	473	473	474
180	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474

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:0.2270A P:27.40W PF:0.9900 Freq:60.00Hz Lamp Flux:3281.31x1 lm		
NAME: 12代 2FT 白色	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	1271	1271	1271	1271	1271	1271	1271	1271	1271	1271	1271	1271	1271	1271	1271	1271	1271	1271	1271
5	1261	1259	1258	1256	1254	1252	1251	1249	1246	1243	1240	1237	1233	1230	1227	1225	1222	1220	1220
10	1234	1229	1224	1218	1213	1206	1199	1192	1185	1175	1165	1155	1145	1135	1127	1119	1113	1108	1108
15	1187	1177	1165	1153	1139	1125	1110	1095	1079	1061	1042	1024	1007	991	977	964	954	946	949
20	1127	1109	1090	1068	1046	1022	998	973	948	923	899	875	853	833	815	799	786	777	780
25	1051	1026	998	968	936	903	870	837	804	774	746	719	695	673	653	637	625	616	619
30	964	934	901	865	827	787	748	708	669	637	607	579	554	532	512	496	484	476	479
35	867	834	797	757	715	671	628	584	542	512	485	460	438	418	402	389	380	374	375
40	767	733	695	654	610	564	518	473	429	400	374	350	329	312	297	286	278	273	274
45	660	630	594	555	514	471	428	385	343	317	292	271	252	236	223	213	206	202	203
50	553	526	494	460	423	384	345	307	269	246	225	206	190	176	165	156	150	147	148
55	447	423	396	365	333	299	265	232	200	181	165	151	139	129	122	116	112	111	110
60	352	332	309	283	255	227	198	170	143	129	118	108	100	94.0	89.5	86.5	84.9	84.6	82.8
65	267	251	233	212	190	168	144	122	100	90.3	82.1	75.4	70.2	66.2	63.4	61.8	61.1	61.3	59.4
70	192	181	168	153	136	120	102	85.6	69.5	62.3	56.3	51.4	47.6	44.7	42.6	41.4	40.9	41.0	39.7
75	125	117	108	97.3	86.1	74.6	62.9	51.6	40.9	37.2	34.4	32.4	31.1	30.4	30.3	30.5	31.0	31.7	30.2
80	69.3	65.7	61.3	56.3	50.9	45.2	39.4	33.7	28.3	25.7	23.6	21.8	20.4	19.2	18.4	17.8	17.4	17.3	17.0
85	27.5	26.5	25.2	23.8	22.2	20.4	18.6	16.8	15.0	13.9	12.8	11.7	10.8	9.97	9.23	8.59	8.06	7.64	7.69
90	3.96	4.34	4.76	5.19	5.63	6.04	6.43	6.75	7.00	6.65	6.22	5.74	5.22	4.69	4.16	3.66	3.20	2.80	2.99
95	10.0	11.3	12.7	14.1	15.4	16.7	18.0	19.1	20.0	19.8	19.4	18.9	18.4	17.7	17.0	16.4	15.7	15.2	15.5
100	34.2	34.5	34.7	34.7	34.6	34.4	34.1	33.7	33.2	32.4	31.5	30.7	29.8	28.9	28.2	27.5	26.9	26.5	26.9
105	64.1	63.1	61.6	59.9	57.9	55.8	53.6	51.3	49.2	48.1	47.1	46.2	45.5	44.9	44.5	44.2	44.1	44.1	44.4
110	98.6	97.4	95.6	93.3	90.6	87.6	84.3	80.9	77.5	74.6	71.8	69.2	66.8	64.6	62.7	61.3	60.2	59.6	61.2
115	137	138	139	139	139	138	137	135	132	126	119	112	105	98.1	92.0	86.7	82.4	79.3	84.6
120	179	185	190	196	200	204	207	209	210	200	188	176	164	152	141	131	123	116	125
125	219	228	237	246	254	263	270	276	280	271	262	251	240	228	217	207	198	191	199
130	256	265	275	285	295	305	315	323	331	329	327	323	319	314	310	305	300	297	301
135	291	300	309	319	329	339	349	359	368	373	377	380	383	385	386	387	387	387	387
140	325	333	341	349	358	367	377	386	395	403	410	416	422	427	432	435	438	439	437
145	358	364	371	378	385	393	401	409	417	425	432	439	445	451	456	460	463	465	462
150	388	392	397	403	408	414	420	426	432	439	445	452	457	462	467	470	473	475	472
155	414	417	421	424	428	432	436	441	445	450	454	459	463	467	470	473	475	476	474
160	436	438	440	442	445	447	450	453	455	458	461	464	467	469	471	473	474	475	473
165	453	455	456	458	459	461	462	464	465	467	468	470	471	472	473	474	474	475	474
170	467	468	469	470	471	472	473	473	474	474	475	475	475	475	476	476	475	475	475
175	475	475	476	476	476	477	477	477	478	478	478	478	478	478	478	478	478	477	477
180	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474

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:0.2270A P:27.40W PF:0.9900 Freq:60.00Hz Lamp Flux:3281.31x1 lm		
NAME: 12代 2FT 白色	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	1271	1270	1270	1270	1269	1269	1269	1269	1269	1269	1269	1270	1270	1271	1271	1271	1271	1271	1271
5	1220	1221	1222	1223	1225	1227	1229	1232	1235	1239	1242	1246	1249	1253	1256	1260	1263	1264	1265
10	1111	1114	1119	1125	1132	1139	1147	1156	1165	1175	1185	1195	1204	1213	1222	1230	1237	1239	1240
15	954	962	971	983	996	1011	1027	1043	1061	1080	1098	1117	1134	1151	1167	1181	1193	1196	1197
20	786	796	808	823	840	860	881	904	932	960	989	1018	1046	1072	1097	1119	1138	1141	1141
25	626	637	651	669	689	712	737	764	800	837	874	911	946	980	1012	1040	1065	1067	1065
30	486	497	512	530	552	576	603	633	675	718	761	804	846	885	922	954	981	982	977
35	380	389	401	417	436	458	483	511	556	602	649	696	741	784	823	858	886	882	871
40	279	286	297	312	330	351	375	402	447	495	542	590	636	679	718	752	780	771	756
45	207	214	225	238	255	274	296	321	364	408	452	496	538	578	613	644	669	658	642
50	151	157	165	177	191	207	226	248	285	324	364	403	440	475	506	533	554	544	527
55	111	115	121	128	138	151	165	182	215	249	283	317	350	380	407	430	448	435	418
60	82.5	83.5	86.2	90.5	96.5	104	114	126	153	181	210	238	265	290	313	332	346	334	317
65	58.4	58.5	59.6	61.9	65.5	70.6	77.2	85.4	105	126	148	169	190	209	226	240	251	240	227
70	39.0	39.1	39.9	41.5	44.0	47.5	51.9	57.5	70.9	85.0	99.4	114	127	140	151	161	168	160	150
75	28.9	27.9	27.2	26.9	27.1	27.9	29.3	31.4	38.9	47.0	55.3	63.6	71.6	79.1	85.7	91.3	95.6	91.1	85.2
80	17.0	17.1	17.4	17.9	18.5	19.4	20.4	21.6	23.9	26.3	28.8	31.2	33.5	35.6	37.5	39.0	40.1	38.7	36.9
85	7.85	8.07	8.35	8.66	8.98	9.28	9.54	9.75	9.33	8.85	8.33	7.78	7.24	6.71	6.22	5.78	5.42	5.58	5.83
90	3.24	3.54	3.87	4.21	4.54	4.85	5.11	5.31	4.95	4.53	4.07	3.58	3.09	2.61	2.16	1.76	1.43	1.65	1.94
95	15.9	16.4	16.9	17.4	18.0	18.5	18.9	19.3	19.2	19.1	18.9	18.5	18.1	17.7	17.1	16.5	15.8	14.8	13.8
100	27.4	28.1	28.9	29.8	30.7	31.7	32.8	33.9	35.1	36.4	37.5	38.6	39.5	40.2	40.7	41.0	40.9	39.3	37.4
105	44.8	45.3	46.0	46.8	47.8	48.9	50.2	51.6	54.3	57.0	59.8	62.4	64.8	66.9	68.7	70.0	70.7	68.4	65.5
110	63.2	65.6	68.3	71.3	74.5	77.8	81.2	84.5	87.9	91.1	94.0	96.7	99.0	101	102	103	103	99.5	95.5
115	91.0	98.4	107	115	124	132	140	147	149	150	150	149	148	146	143	140	137	134	131
120	135	147	160	173	187	200	212	223	221	218	214	208	201	194	187	180	173	172	171
125	209	220	232	244	256	267	277	286	281	274	266	257	247	237	227	218	209	210	211
130	305	310	315	319	324	327	330	331	323	314	304	294	283	273	263	254	245	245	247
135	386	385	383	381	378	374	369	364	355	345	335	325	315	305	296	288	281	280	281
140	433	429	424	418	411	404	397	389	379	370	361	352	343	335	328	321	315	314	314
145	458	453	447	440	433	425	417	409	401	393	385	378	371	364	358	353	348	347	346
150	468	464	459	453	446	440	433	426	419	413	408	402	397	392	387	383	379	378	377
155	471	468	463	459	454	449	444	438	434	430	426	422	418	415	412	409	406	405	404
160	471	469	467	464	461	457	454	451	448	445	443	440	438	436	434	432	430	429	428
165	473	472	470	469	467	465	463	462	460	458	457	455	453	452	450	449	448	447	446
170	475	474	474	473	473	472	471	471	470	469	468	467	466	465	464	463	462	461	461
175	477	477	477	476	476	476	476	475	475	475	474	474	474	473	473	473	472	472	471
180	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474

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:0.2270A P:27.40W PF:0.9900 Freq:60.00Hz Lamp Flux:3281.31x1 lm																	
NAME: 12代 2FT 白色									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	1271	1271	1271	1271	1271	1271	1271	1271	1271	1271	1271	1271	1271	1271	1271				
5	1265	1266	1266	1267	1267	1267	1267	1268	1269	1270	1271	1272	1273	1275	1276				
10	1241	1241	1240	1239	1238	1236	1235	1235	1236	1236	1237	1237	1238	1239	1240				
15	1196	1194	1191	1188	1183	1179	1174	1173	1172	1171	1171	1171	1171	1171	1171				
20	1138	1133	1126	1118	1109	1099	1090	1086	1083	1079	1077	1074	1072	1070	1069				
25	1060	1052	1041	1028	1014	999	984	977	970	963	956	950	945	939	934				
30	967	954	938	919	898	876	854	841	829	816	804	792	781	769	758				
35	855	835	811	785	757	728	699	682	666	652	638	624	612	601	590				
40	736	711	682	651	618	585	552	534	517	501	487	474	462	452	443				
45	620	594	565	533	499	465	432	412	394	376	361	346	333	321	311				
50	506	481	453	422	390	357	325	306	288	270	255	240	227	214	203				
55	396	371	343	313	283	252	222	206	191	177	166	156	148	141	136				
60	296	273	247	220	193	167	141	128	117	108	101	96.1	93.0	92.0	92.9				
65	210	191	171	150	129	108	88.5	79.4	71.9	66.3	62.4	60.3	59.9	61.3	64.5				
70	139	126	112	97.3	82.7	68.6	55.3	49.2	44.5	41.0	38.8	38.0	38.4	40.1	43.0				
75	78.3	70.6	62.4	53.9	45.5	37.4	29.9	26.9	24.7	23.4	23.0	23.4	24.7	26.8	29.9				
80	34.7	32.3	29.8	27.2	24.6	22.1	19.8	18.8	18.1	17.7	17.5	17.6	17.9	18.4	19.3				
85	6.14	6.51	6.92	7.36	7.81	8.26	8.70	8.93	9.14	9.33	9.49	9.62	9.73	9.81	9.86				
90	2.28	2.65	3.05	3.45	3.84	4.20	4.52	4.56	4.53	4.45	4.30	4.09	3.83	3.50	3.10				
95	12.8	11.7	10.7	9.63	8.62	7.65	6.75	6.15	5.62	5.17	4.80	4.52	4.31	4.18	4.13				
100	35.3	33.0	30.7	28.4	26.1	23.9	21.9	21.0	20.3	19.8	19.6	19.6	19.8	20.3	21.0				
105	62.2	58.7	54.9	51.0	47.1	43.3	39.7	37.8	36.3	35.0	34.1	33.4	33.1	33.1	33.4				
110	91.0	86.2	81.1	75.9	70.7	65.6	60.9	58.2	55.9	54.1	52.6	51.5	50.9	50.6	50.8				
115	127	124	120	116	112	108	103	99.5	95.7	91.8	88.0	84.1	80.1	76.2	72.2				
120	171	171	171	170	170	168	166	162	156	150	143	135	126	116	106				
125	213	215	218	220	222	224	224	220	216	210	203	194	185	175	163				
130	249	252	255	259	262	266	269	268	267	265	262	259	255	251	246				
135	282	285	288	291	295	299	304	306	308	309	311	312	314	315	316				
140	315	317	319	322	326	329	334	336	339	342	346	349	353	356	360				
145	347	347	349	351	353	356	359	362	365	368	371	374	378	382	387				
150	377	377	378	379	380	382	384	386	388	390	393	395	398	402	405				
155	403	403	403	403	403	404	405	406	408	409	411	413	415	417	420				
160	427	426	425	425	425	425	425	425	426	426	427	429	430	432	433				
165	445	444	444	443	443	443	443	443	443	443	443	444	444	445	446				
170	460	459	459	458	458	458	457	457	457	457	457	457	457	457	458				
175	471	471	470	470	470	470	469	469	469	469	469	468	468	468	468				
180	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474				

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: