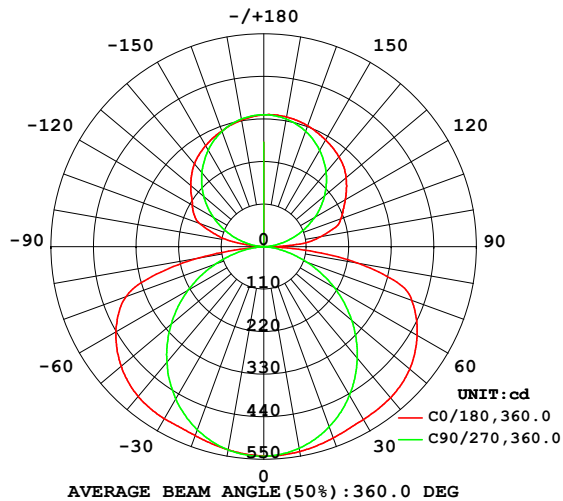


LUMINAIRE PHOTOMETRIC TEST REPORT

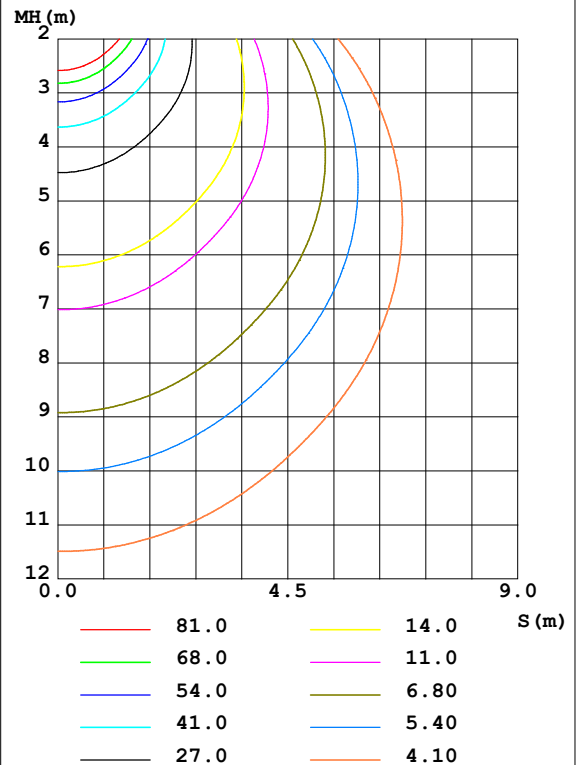
Test:U:121.1V I:0.2270A P:27.40W PF:0.9900 Freq:60.00Hz Lamp Flux:3135.29x1 lm		
NAME: 14代	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 114.43 lm/W			
MODEL		Imax(cd)	542.4	S/MH(C0/180)	1.46
NOMINAL POWER(W)	30W	LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	3135.3	η UP,DN(C0-180)	18.7,31.2
NOMINAL FLUX(lm)	3135.29	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	18.7,31.5
LAMPS INSIDE	1	η up(%)	37.4	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120.0	η down(%)	62.6	CIBSE SHR MAX	1.55

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:

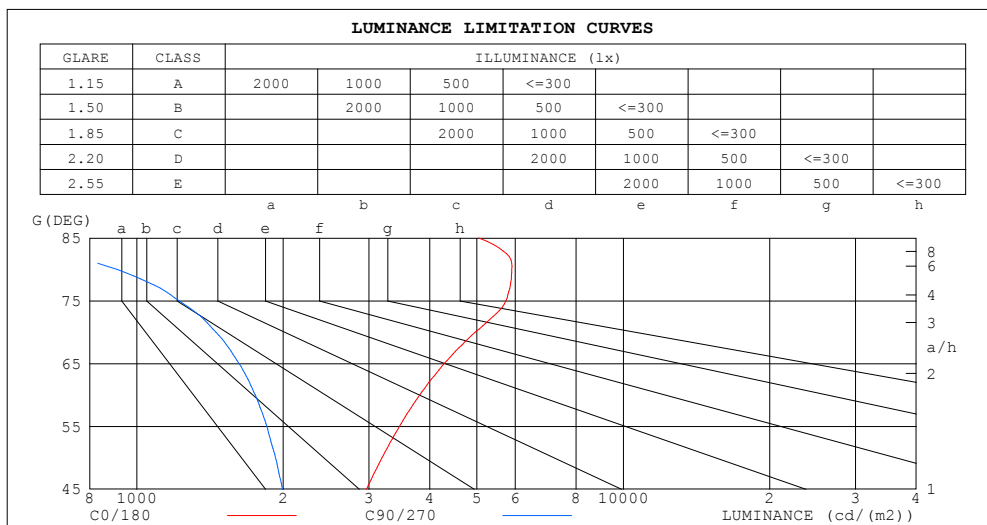
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	537.8	533.0	529.3	533.7	533.3	533.7	533.4	534.5	0- 10	51.31	51.31	1.64,1.64
20	526.2	509.3	495.4	510.9	519.8	511.6	503.5	511.5	10- 20	147.9	199.3	6.36,6.36
30	515.8	474.1	443.4	479.0	513.9	479.7	455.4	477.9	20- 30	228.8	428.0	13.7,13.7
40	510.0	434.9	376.4	447.5	505.4	447.2	389.8	441.8	30- 40	289.2	717.2	22.9,22.9
50	492.7	394.4	297.6	407.2	481.3	405.4	312.6	402.0	40- 50	325.4	1043	33.3,33.3
60	457.8	341.6	210.1	352.1	441.9	347.4	226.3	348.3	50- 60	330.5	1373	43.8,43.8
70	407.4	274.2	119.4	283.3	379.3	275.8	133.0	280.7	60- 70	301.1	1674	53.4,53.4
80	245.9	171.9	37.93	164.2	169.7	161.6	47.07	176.7	70- 80	227.8	1902	60.7,60.7
90	18.16	3.526	1.221	1.765	0.5479	2.007	0.9768	9.417	80- 90	60.84	1963	62.6,62.6
100	149.4	109.9	39.23	79.13	88.85	86.15	35.58	110.5	90-100	47.54	2010	64.1,64.1
110	212.9	160.6	95.29	138.9	176.3	147.4	92.03	156.2	100-110	126.0	2136	68.1,68.1
120	243.6	203.3	153.2	179.1	213.3	188.7	149.7	201.6	110-120	167.2	2304	73.5,73.5
130	278.0	243.7	205.3	223.0	247.0	231.3	203.1	241.2	120-130	190.2	2494	79.5,79.5
140	303.1	275.5	250.9	259.2	279.4	265.8	249.5	274.3	130-140	194.6	2688	85.7,85.7
150	319.3	303.3	288.8	289.9	301.7	294.7	288.1	303.5	140-150	178.1	2867	91.4,91.4
160	332.7	325.1	317.4	315.0	318.5	318.3	317.2	325.5	150-160	143.3	3010	96,96
170	340.6	338.2	335.3	332.6	332.6	334.5	335.2	338.4	160-170	93.09	3103	99,99
180	340.4	340.4	340.4	340.4	340.4	340.4	340.4	340.4	170-180	32.31	3135	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:121.1V I:0.2270A P:27.40W PF:0.9900 Freq:60.00Hz Lamp Flux:3135.29x1 lm		
NAME: 14代	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	5049	351
80	5900	910
75	5740	1221
70	4963	1455
65	4287	1623
60	3815	1751
55	3468	1850
50	3194	1929
45	2966	1993

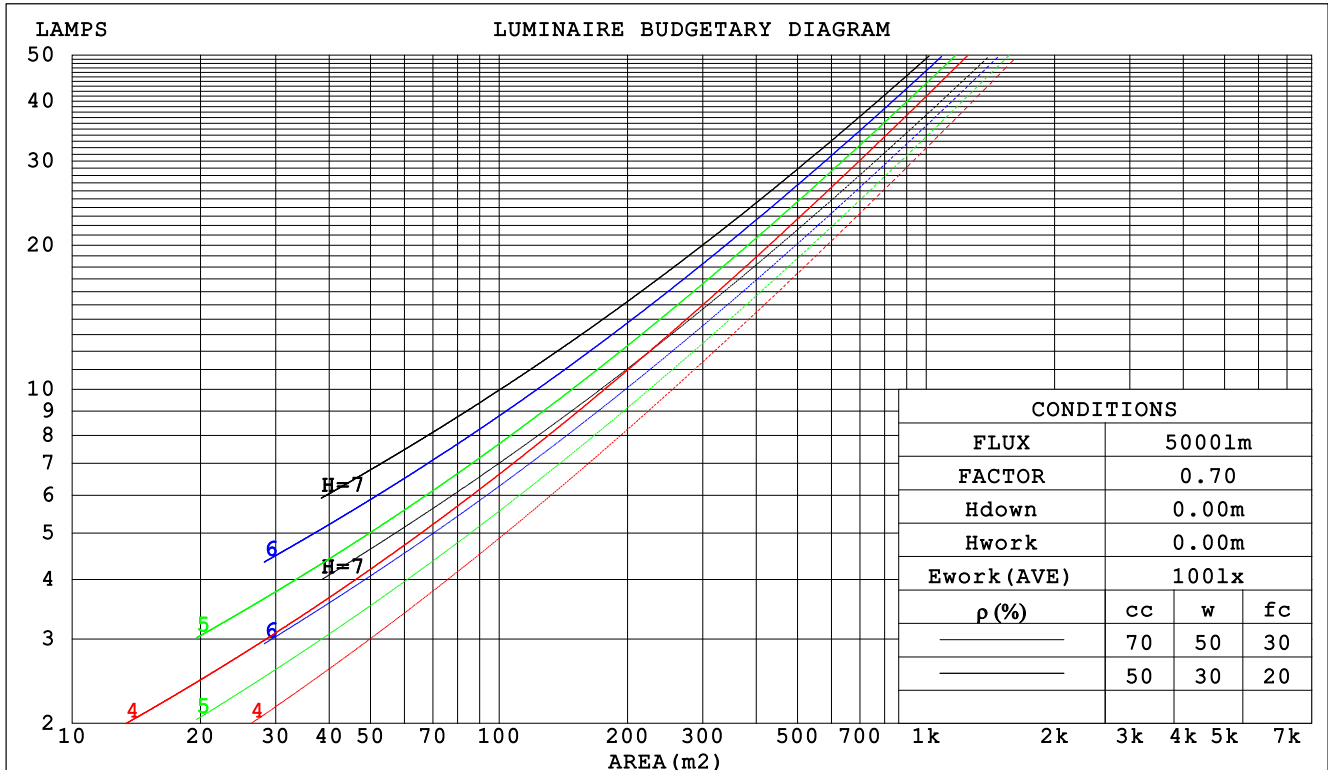
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:121.1V I:0.2270A P:27.40W PF:0.9900 Freq:60.00Hz Lamp Flux:3135.29x1 lm		
NAME: 14代	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	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	.79	.79	.79	.68	.68	.68	.63
1.0	.94	.90	.86	.89	.85	.81	.77	.74	.72	.67	.65	.63	.58	.56	.55	.50
2.0	.81	.74	.68	.76	.70	.65	.67	.62	.58	.58	.54	.51	.50	.47	.44	.40
3.0	.71	.62	.56	.66	.59	.53	.58	.52	.47	.50	.46	.42	.43	.40	.37	.33
4.0	.62	.53	.47	.58	.50	.44	.51	.45	.40	.44	.39	.35	.38	.34	.31	.27
5.0	.55	.46	.39	.52	.44	.38	.45	.39	.34	.39	.34	.30	.34	.30	.26	.23
6.0	.49	.40	.34	.46	.38	.32	.41	.34	.29	.35	.30	.26	.31	.26	.23	.20
7.0	.44	.36	.30	.42	.34	.28	.37	.30	.25	.32	.27	.23	.28	.23	.20	.18
8.0	.40	.32	.26	.38	.30	.25	.33	.27	.22	.29	.24	.20	.25	.21	.18	.16
9.0	.36	.28	.23	.34	.27	.22	.30	.24	.20	.27	.22	.18	.23	.19	.16	.14
10.0	.33	.26	.21	.32	.24	.20	.28	.22	.18	.25	.20	.16	.22	.17	.14	.12



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:121.1V I:0.2270A P:27.40W PF:0.9900 Freq:60.00Hz Lamp Flux:3135.29x1 lm					
NAME: 14代			TYPE:4000K		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.: EVERFINE			SUR.:1.2*0.2		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	.319	.181	.057	.301	.172	.054	.266	.153	.049	.235	.135	.043	.205	.119	.038		
2.0	.294	.161	.049	.277	.153	.047	.246	.137	.042	.217	.122	.038	.190	.107	.034		
3.0	.268	.143	.043	.253	.135	.041	.224	.122	.037	.198	.108	.033	.173	.096	.030		
4.0	.245	.128	.037	.231	.121	.036	.205	.109	.033	.181	.097	.029	.158	.086	.026		
5.0	.225	.115	.033	.213	.109	.032	.189	.098	.029	.166	.088	.026	.145	.078	.023		
6.0	.208	.104	.030	.196	.099	.029	.174	.089	.026	.154	.080	.023	.134	.071	.021		
7.0	.193	.095	.027	.182	.091	.026	.162	.082	.024	.143	.073	.021	.125	.065	.019		
8.0	.180	.088	.025	.170	.084	.024	.151	.075	.022	.133	.067	.019	.116	.060	.017		
9.0	.168	.081	.023	.159	.077	.022	.141	.070	.020	.125	.062	.018	.109	.055	.016		
10.0	.158	.076	.021	.149	.072	.020	.133	.065	.018	.117	.058	.017	.102	.052	.015		

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	.475	.475	.475	.406	.406	.406	.277	.277	.277	.159	.159	.159	.051	.051	.051	
1.0	.468	.443	.421	.401	.380	.362	.274	.262	.251	.158	.151	.146	.051	.049	.047	
2.0	.462	.421	.387	.395	.362	.335	.271	.251	.233	.156	.146	.137	.050	.047	.045	
3.0	.455	.405	.365	.390	.349	.317	.268	.243	.222	.155	.142	.131	.050	.046	.043	
4.0	.448	.393	.351	.384	.340	.305	.264	.237	.215	.153	.139	.127	.049	.045	.042	
5.0	.441	.383	.341	.379	.332	.297	.261	.232	.209	.151	.136	.124	.049	.044	.041	
6.0	.434	.376	.334	.373	.325	.291	.258	.228	.206	.149	.134	.122	.048	.044	.040	
7.0	.428	.370	.329	.368	.320	.286	.254	.225	.203	.148	.132	.121	.048	.043	.040	
8.0	.422	.364	.325	.363	.316	.283	.251	.222	.201	.146	.131	.120	.047	.043	.040	
9.0	.416	.360	.322	.358	.312	.281	.248	.219	.199	.145	.130	.119	.047	.043	.039	
10.0	.410	.356	.319	.354	.309	.279	.245	.217	.198	.143	.128	.118	.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:121.1V I:0.2270A P:27.40W PF:0.9900 Freq:60.00Hz Lamp Flux:3135.29x1 lm										
NAME: 14代					TYPE:4000K			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: EVERFINE					SUR.:1.2*0.2			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	15.5	16.6	16.3	17.4	18.3	12.5	13.6	13.3	14.4	15.3
3H	18.3	19.3	19.1	20.1	21.0	13.8	14.8	14.5	15.6	16.5
4H	19.7	20.7	20.5	21.5	22.4	14.2	15.1	15.0	15.9	16.9
6H	20.9	21.8	21.7	22.6	23.6	14.4	15.3	15.2	16.1	17.1
8H	21.3	22.1	22.1	22.9	23.9	14.4	15.2	15.2	16.1	17.1
12H	21.5	22.3	22.3	23.1	24.2	14.3	15.2	15.1	16.0	17.0
4H 2H	16.0	16.9	16.7	17.7	18.7	13.8	14.8	14.6	15.6	16.5
3H	18.9	19.7	19.7	20.6	21.6	15.3	16.2	16.2	17.0	18.0
4H	20.5	21.2	21.3	22.1	23.1	15.9	16.7	16.7	17.5	18.5
6H	21.8	22.5	22.7	23.3	24.4	16.3	16.9	17.1	17.8	18.8
8H	22.3	22.9	23.2	23.8	24.9	16.3	16.9	17.2	17.8	18.9
12H	22.6	23.1	23.5	24.0	25.1	16.3	16.8	17.1	17.7	18.8
8H 4H	20.7	21.3	21.6	22.2	23.2	17.0	17.6	17.9	18.5	19.6
6H	22.2	22.7	23.1	23.6	24.7	17.6	18.1	18.5	19.0	20.2
8H	22.8	23.2	23.7	24.1	25.3	17.8	18.2	18.7	19.1	20.3
12H	23.2	23.6	24.1	24.5	25.6	17.8	18.2	18.7	19.1	20.3
12H 4H	20.7	21.2	21.5	22.1	23.2	17.3	17.8	18.1	18.7	19.8
6H	22.2	22.7	23.1	23.6	24.7	18.0	18.5	18.9	19.4	20.5
8H	22.9	23.2	23.8	24.2	25.3	18.2	18.6	19.2	19.5	20.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.1 / - 0.2					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.5				

CIE Pub.117 Corrected 3135 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.0)

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:121.1V I:0.2270A P:27.40W PF:0.9900 Freq:60.00Hz Lamp Flux:3135.29x1 lm		
NAME: 14代	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:

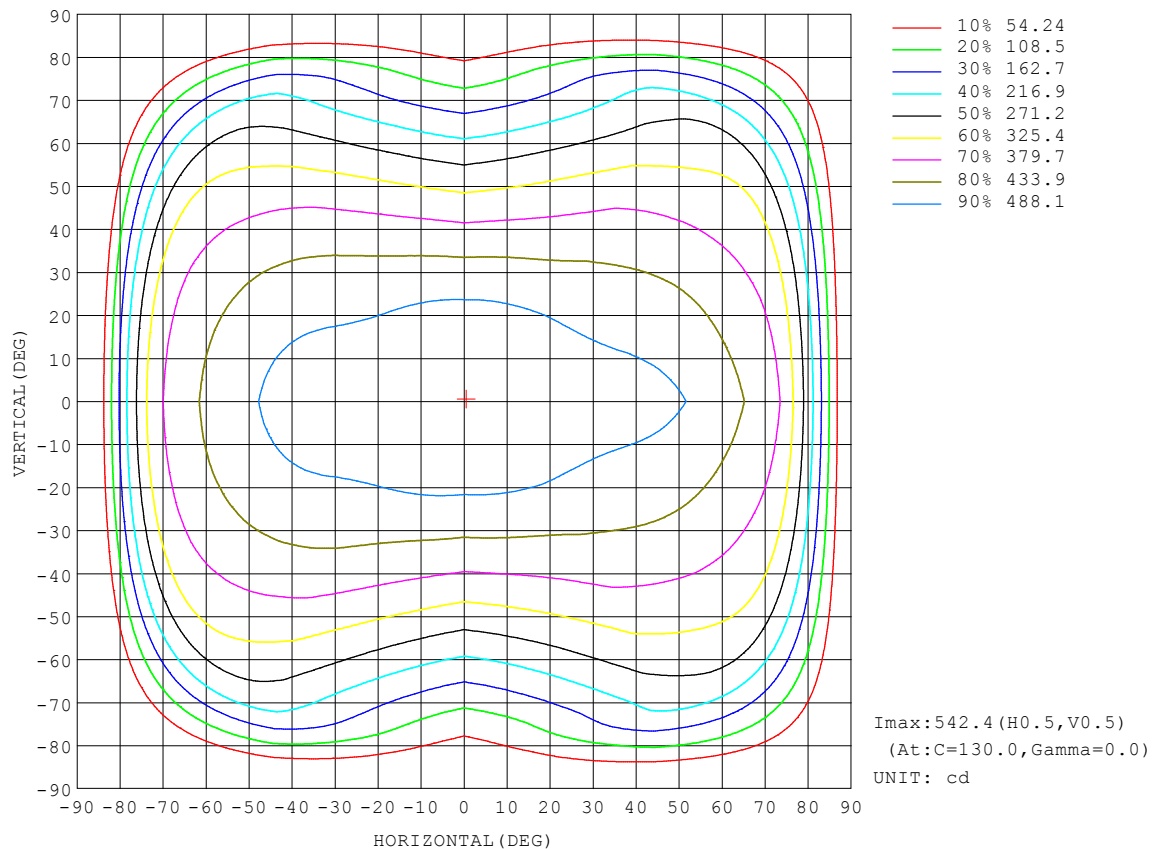
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	44	33	26	42	32	25	39	30	24	16
0.80	54	41	34	51	40	33	46	37	31	21
1.00	62	49	42	58	47	40	53	45	37	26
1.25	69	57	49	65	54	47	58	50	44	31
1.50	74	63	55	70	60	53	62	54	48	34
2.00	82	71	64	77	68	61	68	61	56	40
2.50	86	77	70	81	73	67	71	65	60	43
3.00	90	82	75	84	77	71	74	69	64	46
4.00	95	88	82	89	83	78	78	74	70	49
5.00	97	92	87	91	86	82	80	77	73	52
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:121.1V I:0.2270A P:27.40W PF:0.9900 Freq:60.00Hz Lamp Flux:3135.29x1 lm		
NAME: 14代	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:

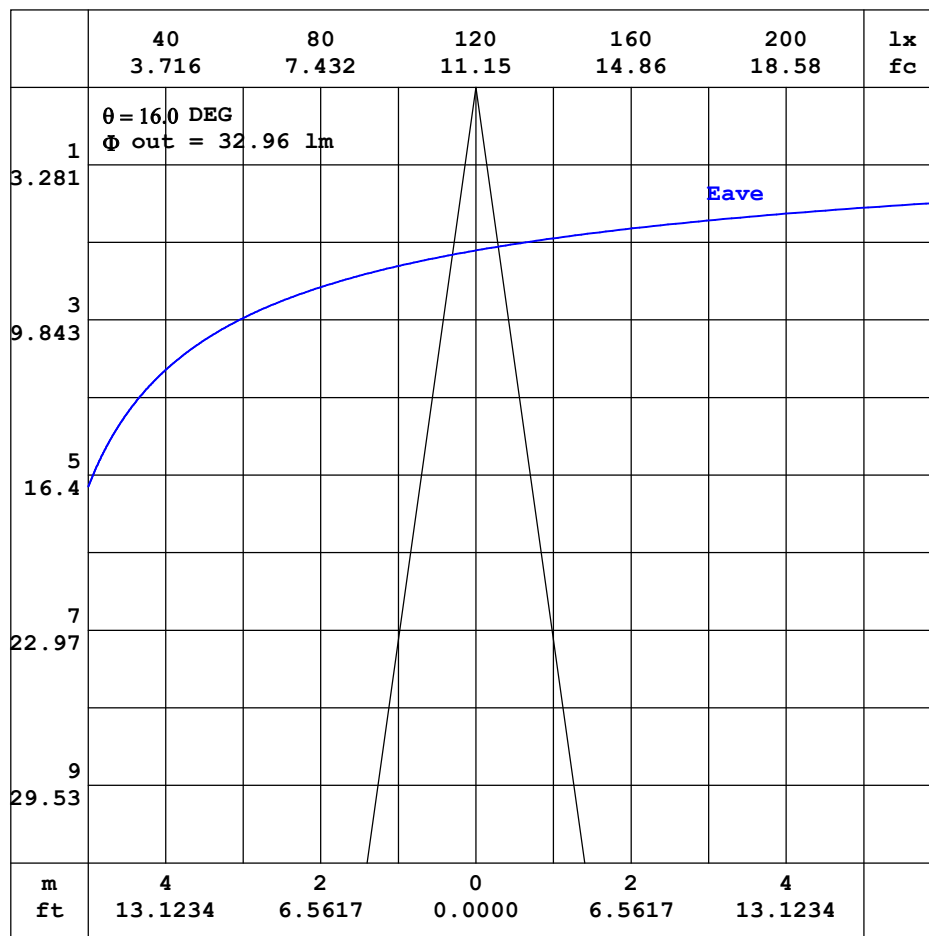


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:121.1V I:0.2270A P:27.40W PF:0.9900 Freq:60.00Hz Lamp Flux:3135.29x1 lm		
NAME: 14代	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:



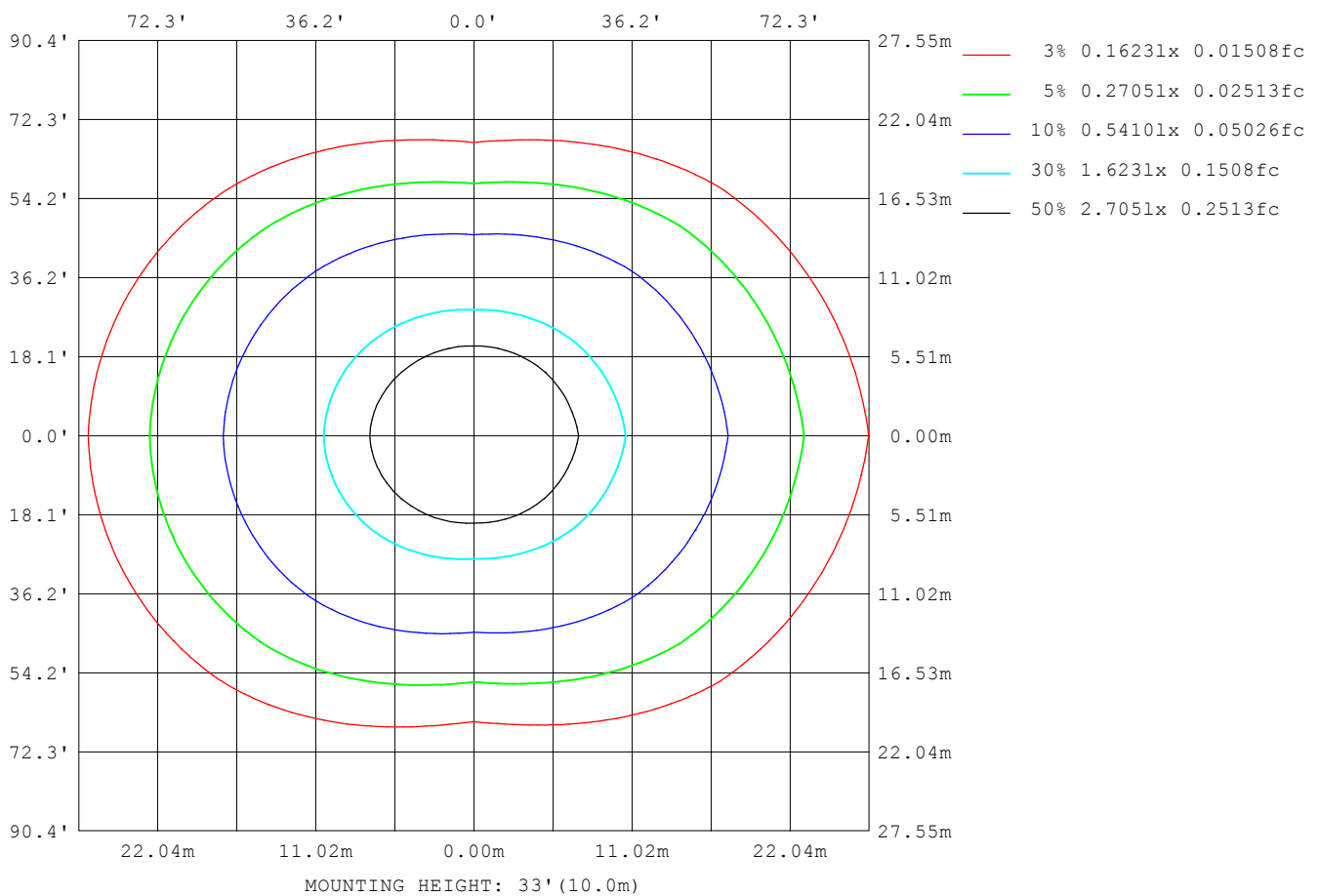
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:121.1V I:0.2270A P:27.40W PF:0.9900 Freq:60.00Hz Lamp Flux:3135.29x1 lm		
NAME: 14代	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	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:121.1V I:0.2270A P:27.40W PF:0.9900 Freq:60.00Hz Lamp Flux:3135.29x1 lm		
NAME: 14代	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:

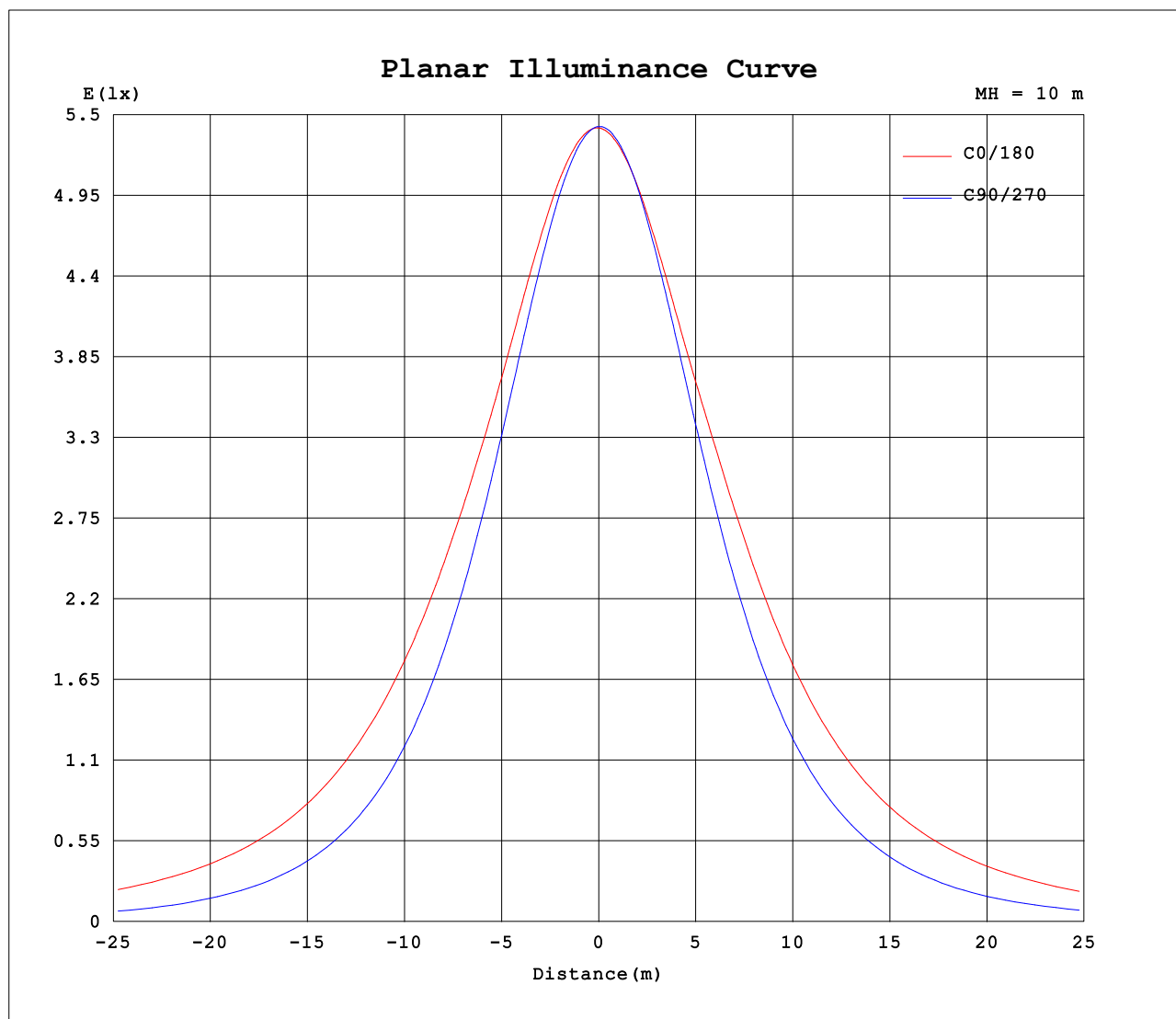
AvgL	cd/m2
L_0~180 (65) av	4189
L_0~180 (75) av	5276
L_0~180 (85) av	2997
L_90~270 (65) av	1702
L_90~270 (75) av	1321
L_90~270 (85) av	486
L_45 (65) av	3102
L_45 (75) av	3850
L_45 (85) av	2852

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:121.1V I:0.2270A P:27.40W PF:0.9900 Freq:60.00Hz Lamp Flux:3135.29x1 lm		
NAME: 14代	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	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	541	541	541	541	541	541	541	541	542	542	542	542	542	542	542	542	542	542	542
5	541	541	540	540	540	540	540	540	539	539	539	539	539	539	538	538	538	538	538
10	538	537	537	536	536	535	535	534	534	533	532	532	531	531	530	530	530	529	529
15	533	532	530	529	528	527	526	525	524	523	522	520	519	518	517	516	516	515	515
20	526	524	522	520	518	516	515	513	511	509	507	505	503	501	500	498	497	496	495
25	520	516	513	510	507	504	501	498	495	493	489	486	483	480	478	476	474	473	472
30	516	511	506	501	496	491	487	482	478	474	469	464	460	456	452	449	446	445	443
35	514	506	499	492	485	479	472	466	460	454	447	441	434	429	424	419	416	413	412
40	510	501	492	483	475	466	458	450	442	435	426	417	408	400	393	387	382	379	376
45	503	493	483	473	463	453	444	434	425	416	404	392	381	371	361	353	346	341	338
50	493	482	471	460	449	438	427	416	405	394	380	366	352	339	327	317	308	302	298
55	477	466	454	442	430	419	406	394	382	370	353	336	320	305	291	278	268	260	255
60	458	446	433	421	408	395	382	369	355	342	322	304	285	268	252	238	226	217	210
65	435	422	409	396	382	368	354	340	325	311	289	269	248	229	211	196	182	172	165
70	407	394	380	365	351	336	321	306	290	274	252	230	208	188	169	152	138	127	119
75	357	345	332	319	306	292	278	264	249	234	211	189	167	146	127	110	95.5	83.9	75.9
80	246	241	235	228	220	212	203	194	183	172	154	136	118	101	84.4	69.5	56.5	45.8	37.9
85	106	102	99.1	95.4	91.5	87.3	82.8	78.0	72.9	67.6	59.7	51.7	43.8	36.1	28.8	22.2	16.2	11.2	7.35
90	18.2	15.9	13.8	11.9	10.1	8.51	7.03	5.71	4.54	3.53	2.83	2.28	1.86	1.54	1.33	1.20	1.15	1.16	1.22
95	103	99.3	95.7	92.0	88.1	84.0	79.8	75.4	70.8	66.0	59.6	53.2	46.8	40.5	34.6	29.0	23.8	19.3	15.4
100	149	147	143	140	136	131	127	121	116	110	101	91.9	82.8	73.9	65.4	57.5	50.4	44.2	39.2
105	190	186	182	177	172	167	161	155	149	142	132	122	112	103	93.6	85.3	77.8	71.5	66.6
110	213	208	202	197	191	185	179	173	167	161	152	143	134	126	118	111	105	99.4	95.3
115	227	223	218	213	208	203	198	193	187	182	174	166	159	151	145	138	133	128	124
120	244	240	236	231	227	222	218	213	208	203	197	190	183	177	171	166	161	157	153
125	261	258	254	250	246	242	238	234	229	225	219	213	207	202	196	191	187	183	180
130	278	274	271	267	263	259	256	252	248	244	239	233	228	224	219	215	211	208	205
135	292	289	285	282	278	274	271	267	264	260	256	252	248	244	240	237	234	231	229
140	303	300	297	294	290	287	284	281	278	275	272	269	265	262	260	257	255	253	251
145	312	309	307	304	302	299	297	294	292	290	287	285	282	280	278	276	274	272	271
150	319	317	316	314	312	310	308	307	305	303	301	299	298	296	294	293	291	290	289
155	326	325	324	323	321	320	319	318	316	315	314	312	311	310	309	307	306	305	304
160	333	332	331	330	329	328	328	327	326	325	324	323	322	321	320	320	319	318	317
165	337	337	336	336	335	335	334	334	333	333	332	332	331	330	330	329	329	328	328
170	341	340	340	340	340	339	339	339	338	338	338	338	337	337	337	336	336	336	335
175	342	342	342	342	342	342	342	342	341	341	341	341	341	341	341	340	340	340	340
180	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340

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:121.1V I:0.2270A P:27.40W PF:0.9900 Freq:60.00Hz Lamp Flux:3135.29x1 lm		
NAME: 14代	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	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	542	542	542	542	542	542	542	542	542	542	542	542	542	542	541	541	541	541	541
5	538	539	539	539	539	539	540	540	540	540	540	539	539	539	539	539	538	538	538
10	530	530	530	531	532	532	533	533	534	534	534	534	534	534	534	533	533	533	533
15	515	516	517	518	519	520	522	523	524	524	525	525	526	526	526	527	527	527	527
20	496	498	499	501	503	505	507	509	511	512	514	515	516	517	518	519	519	520	519
25	473	475	477	480	483	486	489	492	496	498	501	504	507	509	511	513	514	515	514
30	445	448	451	455	459	464	469	474	479	484	489	494	499	503	507	510	512	514	512
35	414	418	423	429	435	441	448	456	463	470	477	484	490	496	501	506	509	511	509
40	381	386	393	400	409	418	428	438	448	456	465	473	481	488	494	499	503	505	503
45	344	351	359	369	380	392	404	417	429	440	450	459	468	476	483	488	493	495	492
50	304	313	323	335	349	363	377	392	407	419	431	442	451	460	468	474	478	481	478
55	262	272	284	298	314	330	347	364	381	395	408	420	431	440	449	455	460	463	460
60	218	230	243	259	276	294	314	333	352	367	381	394	406	417	426	433	439	442	438
65	174	186	201	218	237	257	278	299	320	336	351	365	378	389	398	406	412	415	410
70	129	142	158	176	196	217	239	261	283	300	315	329	342	353	363	371	376	379	375
75	86.3	100	117	136	156	177	199	221	242	254	265	274	282	288	293	296	298	299	297
80	46.1	56.9	69.9	84.6	100	117	133	149	164	169	172	174	175	175	175	173	172	170	171
85	10.3	14.2	19.0	24.3	29.9	35.6	41.1	46.1	50.5	48.3	45.3	41.7	37.9	33.8	29.8	26.0	22.6	19.8	22.6
90	1.22	1.26	1.31	1.38	1.47	1.55	1.63	1.71	1.77	1.64	1.49	1.34	1.18	1.02	0.88	0.74	0.63	0.55	0.67
95	15.6	16.5	17.9	19.8	21.9	24.1	26.3	28.4	30.3	28.5	26.5	24.2	21.9	19.7	17.5	15.6	14.1	13.0	15.8
100	40.8	43.5	47.2	51.7	56.8	62.2	67.9	73.6	79.1	81.4	83.3	84.8	86.1	87.1	87.9	88.4	88.7	88.9	89.8
105	69.0	72.8	77.7	83.4	89.9	96.8	104	111	118	121	124	127	129	130	132	133	133	134	135
110	96.9	99.6	103	108	113	119	126	132	139	145	150	155	160	164	168	172	174	176	176
115	125	126	129	132	136	141	146	151	157	162	168	174	180	185	189	193	197	199	198
120	154	155	157	159	163	166	170	175	179	184	188	193	197	201	205	208	211	213	213
125	180	181	183	185	188	191	194	198	201	205	209	212	216	219	222	224	227	228	228
130	205	206	207	209	211	214	217	220	223	226	229	233	236	238	241	243	245	247	247
135	229	229	230	231	233	235	237	239	242	245	248	251	253	256	258	261	262	264	264
140	251	251	251	252	253	254	256	257	259	262	264	267	269	272	274	276	278	279	279
145	270	270	270	271	271	272	273	274	275	277	279	281	283	285	287	289	290	291	291
150	288	288	288	288	288	288	289	289	290	291	293	294	296	297	298	300	301	302	301
155	304	303	303	303	303	303	303	303	303	304	305	306	307	307	308	309	310	311	311
160	317	316	316	316	315	315	315	315	315	315	316	316	316	317	317	318	318	318	319
165	327	327	326	326	326	325	325	325	325	325	325	325	325	325	325	326	326	326	326
170	335	335	334	334	334	333	333	333	333	332	332	332	332	332	332	332	332	333	333
175	340	339	339	339	339	338	338	338	338	338	338	338	338	338	338	338	338	338	338
180	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340

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:121.1V I:0.2270A P:27.40W PF:0.9900 Freq:60.00Hz Lamp Flux:3135.29x1 lm		
NAME: 14代	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	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	541	541	541	541	541	541	541	542	542	542	542	542	542	542	542	542	542	542	542
5	538	539	539	539	539	539	539	540	540	540	540	540	540	540	540	540	540	540	540
10	533	533	533	533	534	534	534	534	534	534	534	533	533	533	533	533	533	533	533
15	526	526	526	526	525	525	525	524	524	523	523	522	522	522	521	521	521	521	521
20	519	518	517	516	515	514	513	512	510	509	508	507	506	505	504	504	503	504	504
25	513	511	509	507	504	502	499	496	494	492	490	488	486	484	483	482	481	482	483
30	510	506	503	498	494	489	484	480	476	472	469	465	463	460	458	456	455	456	457
35	505	501	496	490	484	477	470	463	457	452	446	441	436	432	429	426	424	426	428
40	498	493	487	480	472	464	456	447	439	431	423	415	408	402	397	393	390	392	395
45	488	482	475	466	458	448	438	428	417	407	396	386	377	369	362	357	353	356	360
50	473	466	458	449	439	428	417	405	392	379	367	354	343	333	324	318	313	317	323
55	454	447	438	428	417	405	392	379	364	348	334	319	306	295	284	276	271	276	284
60	431	423	413	402	390	376	362	347	330	313	297	281	266	253	242	233	226	233	241
65	404	395	384	372	359	344	329	313	294	276	258	240	224	210	198	188	181	188	197
70	368	359	348	336	323	308	292	276	256	236	216	198	180	165	151	141	133	141	152
75	294	289	283	276	267	258	247	235	216	196	176	157	139	122	108	96.6	88.2	97.2	109
80	172	173	173	173	172	169	166	162	148	133	118	103	88.7	75.4	63.8	54.2	47.1	55.0	65.5
85	26.0	29.9	34.0	38.1	42.0	45.7	48.9	51.3	47.5	43.1	38.2	33.1	28.1	23.4	19.1	15.6	13.0	16.6	21.3
90	0.82	0.99	1.17	1.36	1.54	1.72	1.87	2.01	1.80	1.57	1.35	1.15	0.98	0.86	0.81	0.84	0.98	1.61	2.36
95	19.0	22.5	26.2	29.8	33.3	36.5	39.3	41.6	38.5	35.0	31.2	27.2	23.3	19.8	16.7	14.3	12.8	17.2	22.5
100	90.6	91.1	91.3	91.2	90.6	89.6	88.2	86.1	79.7	72.9	66.1	59.3	52.9	47.1	42.1	38.2	35.6	40.7	47.1
105	135	135	135	134	133	131	129	126	118	110	102	93.5	85.6	78.4	72.1	66.9	63.1	67.2	72.8
110	174	172	169	166	162	158	153	147	140	132	125	117	111	104	99.2	95.0	92.0	95.6	100
115	196	194	190	186	182	177	172	166	160	153	147	141	135	130	126	123	121	125	129
120	211	209	207	204	201	197	193	189	183	178	172	167	162	158	154	151	150	153	157
125	227	226	224	222	220	217	214	210	206	201	196	192	188	184	181	179	177	180	183
130	246	245	243	241	239	237	234	231	227	223	219	216	212	209	206	204	203	205	208
135	263	262	260	258	256	254	252	249	246	243	240	237	234	232	230	228	227	229	231
140	278	277	276	274	272	270	268	266	263	261	258	256	254	253	251	250	249	251	253
145	291	290	289	287	286	284	283	281	279	277	276	274	273	272	271	270	270	271	272
150	301	300	300	299	298	297	296	295	294	292	291	290	290	289	288	288	288	289	290
155	310	310	310	309	309	308	308	307	307	306	305	305	304	304	304	304	304	305	306
160	319	319	319	319	319	319	318	318	318	318	318	317	317	317	317	317	317	318	319
165	326	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	328	328	329
170	333	333	333	334	334	334	334	335	335	335	335	335	335	335	335	335	335	335	336
175	338	338	338	339	339	339	339	339	339	339	339	340	340	340	340	340	340	340	340
180	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340

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:121.1V I:0.2270A P:27.40W PF:0.9900 Freq:60.00Hz Lamp Flux:3135.29x1 lm																	
NAME: 14代									TYPE:4000K						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: EVERFINE									SUR.:1.2*0.2						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	542	542	542	542	542	542	542	542	542	542	542	542	542	541	541				
5	540	540	540	540	540	540	540	541	541	541	541	541	541	541	541				
10	534	534	534	534	534	534	534	535	535	535	536	536	536	537	537				
15	522	522	522	523	523	524	525	525	526	527	528	529	530	531	532				
20	505	506	507	508	509	510	512	513	514	516	517	519	521	522	524				
25	484	485	487	489	491	493	496	498	500	503	505	508	511	514	517				
30	459	461	464	467	470	474	478	481	485	489	493	497	501	506	511				
35	431	434	438	443	448	454	460	465	470	476	481	487	493	500	507				
40	400	405	411	418	426	434	442	449	456	463	470	478	485	493	502				
45	367	374	382	392	402	412	423	431	440	449	458	466	475	485	494				
50	331	341	351	363	376	389	402	412	422	432	442	452	462	472	483				
55	293	305	318	332	347	362	378	389	401	412	423	434	445	456	467				
60	253	266	280	296	313	331	348	361	374	386	399	411	423	435	446				
65	210	224	240	258	277	296	315	329	343	357	370	383	396	409	422				
70	165	181	199	218	239	260	281	296	311	325	340	354	367	381	394				
75	124	142	161	181	203	224	246	261	275	288	301	313	325	336	347				
80	78.2	92.6	108	125	142	160	177	187	197	206	215	223	230	236	241				
85	26.9	33.1	39.9	47.0	54.4	61.8	69.2	74.2	79.0	83.5	87.8	91.9	95.7	99.2	103				
90	3.19	4.10	5.08	6.12	7.19	8.30	9.42	10.4	11.3	12.3	13.3	14.2	15.2	16.2	17.2				
95	28.6	35.2	42.4	49.8	57.3	64.9	72.2	77.0	81.4	85.5	89.3	92.7	95.7	98.4	101				
100	54.6	63.0	72.0	81.5	91.3	101	110	117	122	127	132	137	140	144	147				
105	79.7	87.6	96.3	106	115	125	135	142	149	156	162	168	174	179	185				
110	106	113	121	129	138	147	156	163	169	176	182	189	195	201	207				
115	135	141	148	155	163	171	179	185	191	196	202	207	212	217	222				
120	162	168	174	180	187	194	202	207	212	217	221	226	231	235	239				
125	188	193	198	204	210	217	223	228	232	237	241	245	249	254	258				
130	212	216	220	225	230	236	241	245	249	254	258	262	266	270	274				
135	234	237	241	245	249	254	258	262	266	269	273	277	281	285	289				
140	255	258	261	264	267	271	274	277	280	283	287	290	293	296	300				
145	274	276	279	281	284	287	289	292	294	297	299	302	304	307	309				
150	292	294	295	297	299	301	304	305	307	309	311	312	314	316	318				
155	307	308	310	311	313	314	316	317	318	319	320	322	323	324	325				
160	319	320	321	322	323	324	325	326	327	328	329	330	330	331	332				
165	329	330	330	331	332	332	333	334	334	335	335	336	336	337	337				
170	336	337	337	337	338	338	338	339	339	339	340	340	340	340	340				
175	340	340	341	341	341	341	341	341	341	342	342	342	342	342	342				
180	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340				

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: