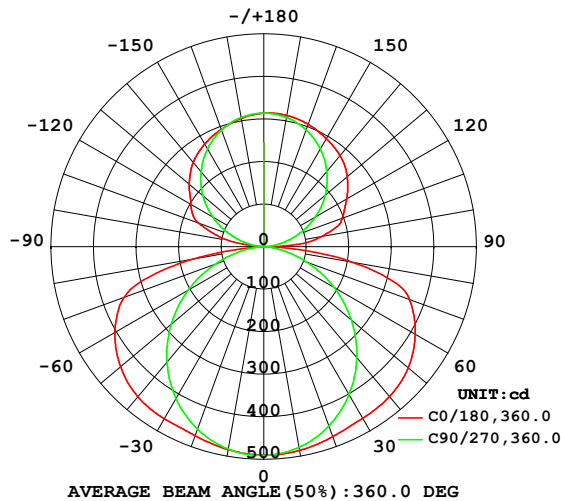


LUMINAIRE PHOTOMETRIC TEST REPORT

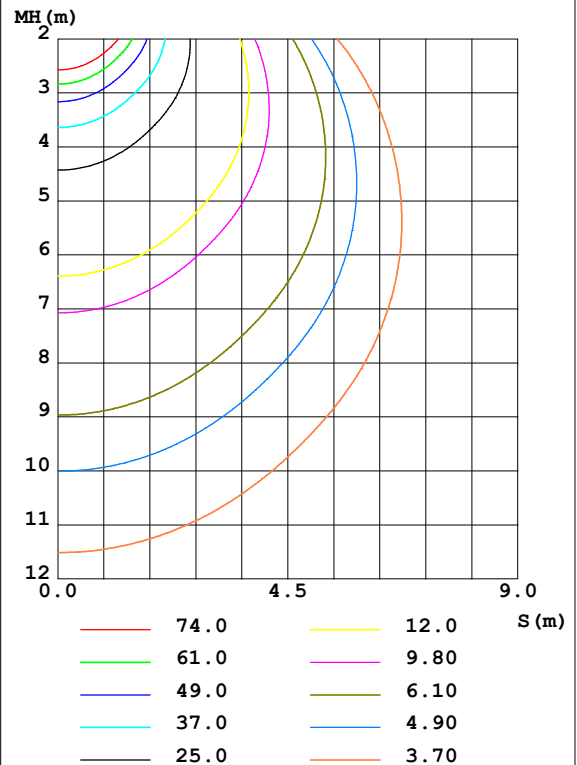
Test:U:121.1V I:0.2280A P:27.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2859.75x1 lm		
NAME: 14代	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 103.99 lm/W			
MODEL		I _{max} (cd)	491.0	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)	2859.8	η UP,DN(C0-180)	18.9,30.9
NOMINAL FLUX(lm)	2859.75	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	18.9,31.3
LAMPS INSIDE	1	η up(%)	37.8	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120.0	η down(%)	62.2	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:

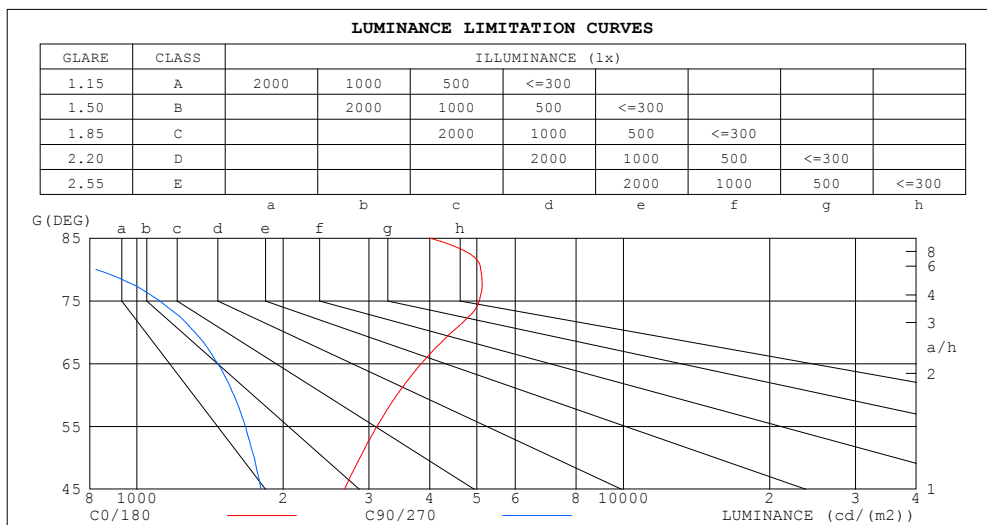
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	486.2	482.0	478.9	483.6	484.3	484.3	483.2	483.8	0- 10	46.48	46.48	1.63,1.63
20	475.0	459.6	448.3	463.5	472.9	464.6	456.4	462.9	10- 20	134.0	180.5	6.31,6.31
30	465.6	427.0	400.9	435.2	467.5	435.5	412.9	432.8	20- 30	207.2	387.7	13.6,13.6
40	460.0	390.9	340.3	407.5	460.6	405.5	353.9	400.7	30- 40	262.0	649.7	22.7,22.7
50	443.4	352.7	269.0	371.3	439.4	367.5	284.0	365.2	40- 50	294.8	944.5	33,33
60	411.0	305.2	189.9	321.6	404.5	314.5	205.9	317.1	50- 60	299.5	1244	43.5,43.5
70	364.8	241.4	107.9	260.0	349.3	248.9	121.3	256.6	60- 70	272.8	1517	53,53
80	212.2	149.3	34.34	150.2	166.4	148.9	43.09	161.3	70- 80	206.8	1724	60.3,60.3
90	16.63	3.144	1.068	1.714	0.5647	1.946	0.8240	8.479	80- 90	55.02	1779	62.2,62.2
100	137.6	100.6	36.22	73.50	82.04	79.36	32.36	102.3	90-100	43.68	1822	63.7,63.7
110	196.7	147.8	87.81	129.3	163.7	136.0	84.70	144.1	100-110	116.4	1939	67.8,67.8
120	225.0	187.2	139.8	166.4	198.1	174.8	137.8	186.2	110-120	154.6	2093	73.2,73.2
130	256.3	224.2	188.9	206.6	229.0	213.9	187.1	222.4	120-130	175.7	2269	79.3,79.3
140	279.2	253.3	230.8	239.4	258.4	245.4	229.4	252.5	130-140	179.5	2448	85.6,85.6
150	293.8	278.7	265.7	267.3	278.5	271.6	265.0	279.2	140-150	164.1	2612	91.4,91.4
160	306.0	298.8	292.1	290.2	293.6	293.2	291.9	299.4	150-160	131.9	2744	96,96
170	313.3	310.9	308.5	306.2	306.3	307.9	308.4	311.3	160-170	85.67	2830	99,99
180	313.3	313.3	313.3	313.3	313.3	313.3	313.3	313.3	170-180	29.73	2860	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:0.2280A P:27.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2859.75x1 lm		
NAME: 14代	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3988	310
80	5092	824
75	5058	1114
70	4444	1315
65	3845	1467
60	3425	1583
55	3116	1672
50	2874	1743
45	2672	1802

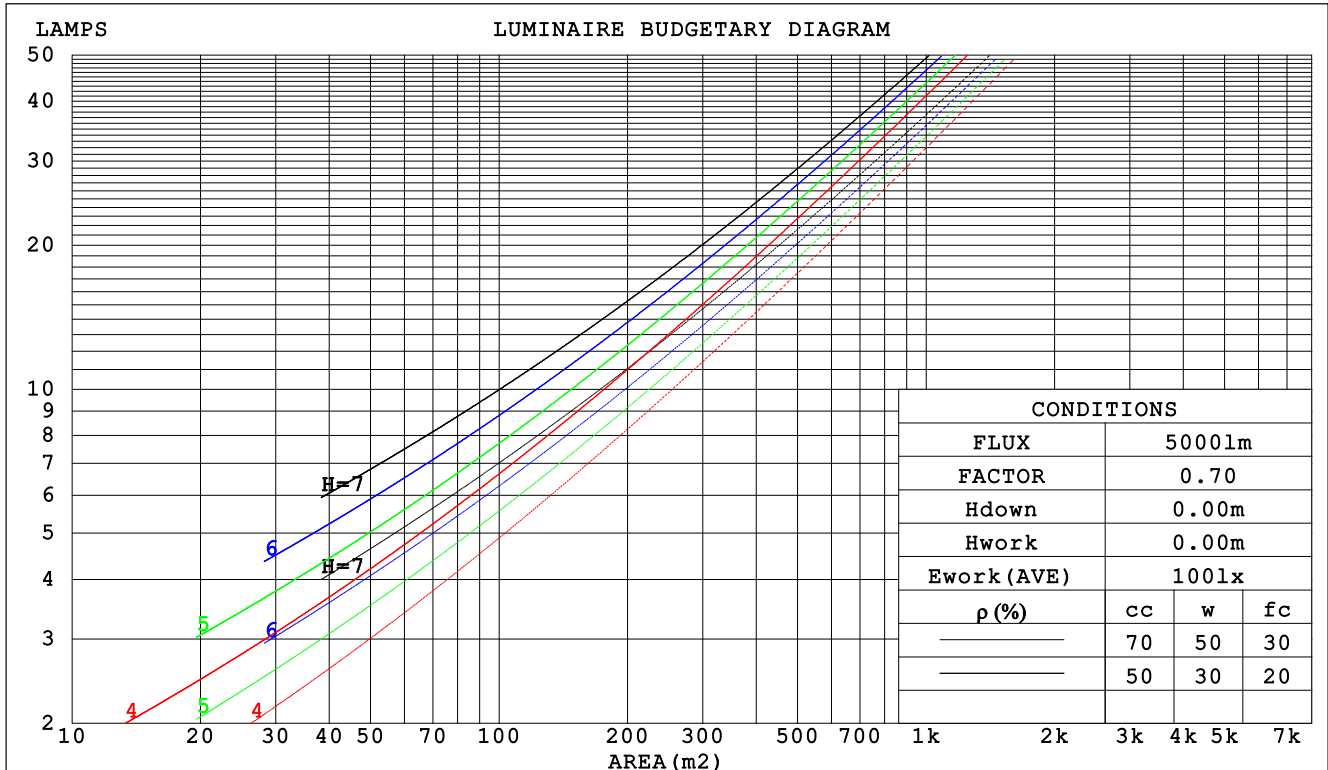
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.2280A P:27.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2859.75x1 lm		
NAME: 14代	TYPE:3000K	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	.78	.78	.78	.67	.67	.67	.62
1.0	.94	.90	.86	.88	.84	.81	.77	.74	.72	.67	.65	.63	.58	.56	.54	.50
2.0	.81	.74	.68	.76	.70	.65	.66	.62	.58	.58	.54	.51	.49	.47	.44	.40
3.0	.71	.62	.56	.66	.59	.53	.58	.52	.47	.50	.46	.42	.43	.39	.36	.33
4.0	.62	.53	.47	.58	.50	.44	.51	.45	.40	.44	.39	.35	.38	.34	.31	.27
5.0	.55	.46	.39	.51	.43	.37	.45	.39	.34	.39	.34	.30	.34	.30	.26	.23
6.0	.49	.40	.34	.46	.38	.32	.40	.34	.29	.35	.30	.26	.30	.26	.23	.20
7.0	.44	.36	.30	.41	.34	.28	.37	.30	.25	.32	.27	.23	.28	.23	.20	.17
8.0	.40	.32	.26	.38	.30	.25	.33	.27	.22	.29	.24	.20	.25	.21	.18	.15
9.0	.36	.28	.23	.34	.27	.22	.30	.24	.20	.27	.22	.18	.23	.19	.16	.14
10.0	.33	.26	.21	.31	.24	.20	.28	.22	.18	.25	.20	.16	.21	.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:0.2280A P:27.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2859.75x1 lm					
NAME: 14代			TYPE:3000K		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	.300	.171	.054	.265	.152	.049	.234	.135	.043	.204	.118	.038		
2.0	.293	.161	.049	.276	.152	.047	.245	.136	.042	.216	.121	.038	.189	.107	.034		
3.0	.268	.143	.043	.253	.135	.041	.224	.121	.037	.197	.108	.033	.172	.095	.030		
4.0	.245	.127	.037	.231	.121	.036	.205	.109	.032	.180	.097	.029	.157	.086	.026		
5.0	.225	.115	.033	.212	.109	.032	.188	.098	.029	.166	.087	.026	.145	.077	.023		
6.0	.208	.104	.030	.196	.099	.029	.174	.089	.026	.153	.079	.023	.133	.070	.021		
7.0	.193	.095	.027	.182	.091	.026	.161	.082	.023	.142	.073	.021	.124	.064	.019		
8.0	.180	.088	.025	.170	.083	.024	.150	.075	.021	.132	.067	.019	.116	.059	.017		
9.0	.168	.081	.023	.159	.077	.022	.141	.070	.020	.124	.062	.018	.108	.055	.016		
10.0	.157	.076	.021	.149	.072	.020	.132	.065	.018	.117	.058	.016	.102	.051	.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	.479	.479	.479	.409	.409	.409	.279	.279	.279	.160	.160	.160	.051	.051	.051	
1.0	.471	.446	.424	.403	.383	.365	.276	.264	.252	.159	.153	.147	.051	.049	.047	
2.0	.465	.424	.390	.398	.365	.337	.273	.253	.235	.157	.147	.138	.050	.048	.045	
3.0	.458	.408	.369	.393	.352	.320	.270	.245	.224	.156	.143	.132	.050	.046	.043	
4.0	.451	.396	.354	.387	.342	.308	.266	.239	.217	.154	.140	.128	.050	.045	.042	
5.0	.444	.387	.344	.381	.335	.299	.263	.234	.211	.152	.137	.125	.049	.045	.041	
6.0	.437	.379	.337	.376	.328	.294	.259	.230	.208	.151	.135	.123	.049	.044	.041	
7.0	.431	.373	.332	.371	.323	.289	.256	.227	.205	.149	.133	.122	.048	.044	.040	
8.0	.425	.367	.328	.366	.319	.286	.253	.224	.203	.147	.132	.121	.048	.043	.040	
9.0	.419	.363	.325	.361	.315	.283	.250	.221	.201	.146	.131	.120	.047	.043	.040	
10.0	.414	.359	.323	.357	.312	.281	.247	.219	.200	.144	.130	.119	.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:121.1V I:0.2280A P:27.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2859.75x1 lm											
NAME: 14代						TYPE:3000K			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	2H	15.1	16.2	15.8	16.9	17.8	12.1	13.2	12.8	13.9	14.9
	3H	17.8	18.8	18.6	19.6	20.6	13.3	14.3	14.1	15.1	16.0
	4H	19.2	20.2	20.0	21.0	21.9	13.7	14.7	14.5	15.5	16.4
	6H	20.3	21.2	21.1	22.0	23.0	13.9	14.8	14.7	15.6	16.6
	8H	20.7	21.5	21.5	22.4	23.4	13.9	14.8	14.7	15.6	16.6
	12H	20.9	21.7	21.7	22.5	23.5	13.9	14.7	14.7	15.5	16.5
4H	2H	15.5	16.4	16.3	17.2	18.2	13.4	14.3	14.1	15.1	16.1
	3H	18.4	19.3	19.3	20.1	21.1	14.8	15.7	15.7	16.5	17.5
	4H	20.0	20.7	20.8	21.6	22.6	15.4	16.2	16.3	17.0	18.0
	6H	21.3	21.9	22.1	22.8	23.9	15.8	16.4	16.6	17.3	18.4
	8H	21.7	22.3	22.6	23.2	24.3	15.8	16.4	16.7	17.3	18.4
	12H	21.9	22.5	22.8	23.4	24.5	15.8	16.3	16.6	17.2	18.3
8H	4H	20.2	20.8	21.0	21.6	22.7	16.5	17.1	17.4	18.0	19.1
	6H	21.6	22.1	22.5	23.0	24.2	17.1	17.6	18.0	18.5	19.6
	8H	22.2	22.6	23.1	23.5	24.7	17.3	17.7	18.2	18.6	19.7
	12H	22.5	22.9	23.4	23.8	25.0	17.3	17.6	18.2	18.6	19.7
12H	4H	20.1	20.7	21.0	21.6	22.7	16.7	17.3	17.6	18.2	19.3
	6H	21.6	22.1	22.6	23.0	24.1	17.5	17.9	18.4	18.8	20.0
	8H	22.2	22.6	23.2	23.5	24.7	17.7	18.1	18.6	19.0	20.2
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 / - 0.4					

CIE Pub.117 Corrected 2860 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.7)

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:0.2280A P:27.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2859.75x1 lm		
NAME: 14代	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:

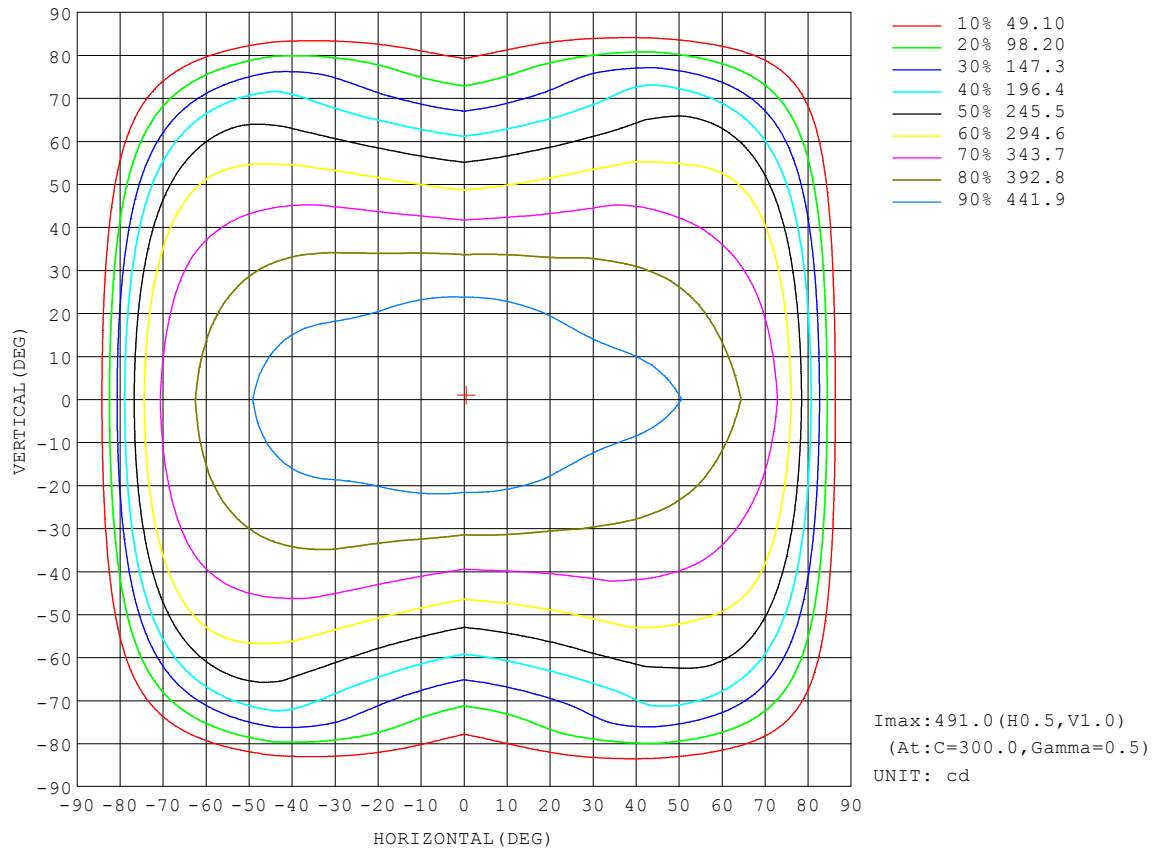
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	44	33	26	42	32	25	39	29	24	16
0.80	54	41	34	51	40	33	46	37	31	21
1.00	62	49	41	58	47	40	52	45	37	26
1.25	69	57	49	65	54	47	58	49	43	31
1.50	74	63	55	70	60	52	62	54	48	34
2.00	81	71	64	77	68	61	68	61	55	39
2.50	86	77	70	81	73	67	71	65	60	42
3.00	90	82	75	84	77	71	74	69	64	45
4.00	94	88	82	89	83	78	78	73	70	49
5.00	97	92	87	91	86	82	80	76	73	51
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:0.2280A P:27.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2859.75x1 lm		
NAME: 14代	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:

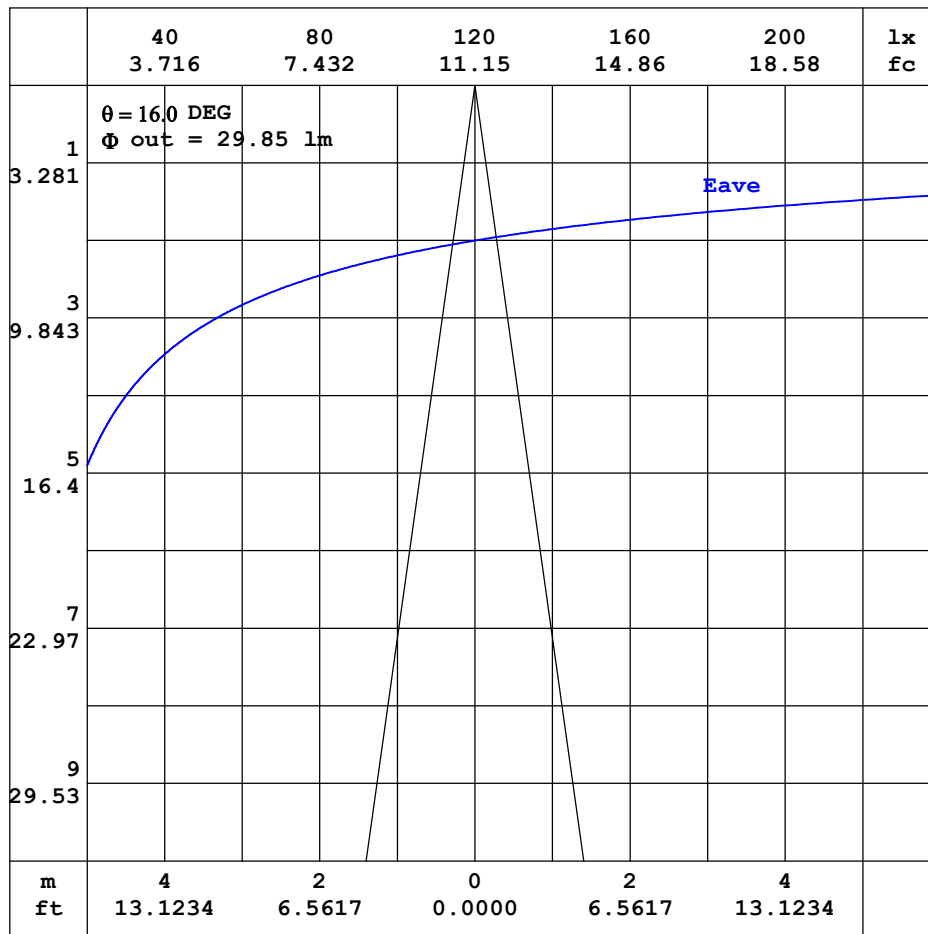


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.2280A P:27.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2859.75x1 lm		
NAME: 14代	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:



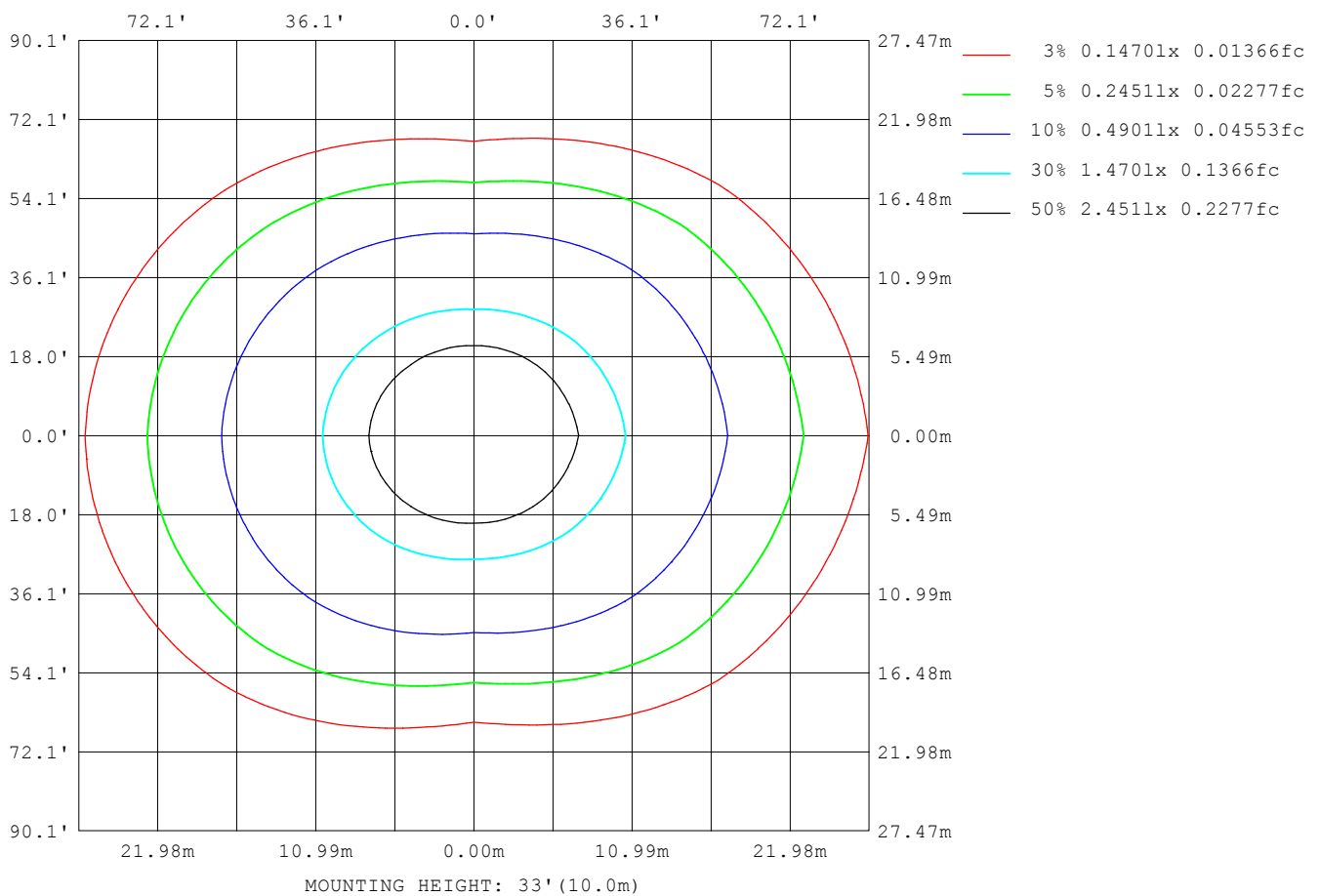
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.2280A P:27.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2859.75x1 lm		
NAME: 14代	TYPE:3000K	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:0.2280A P:27.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2859.75x1 lm		
NAME: 14代	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:

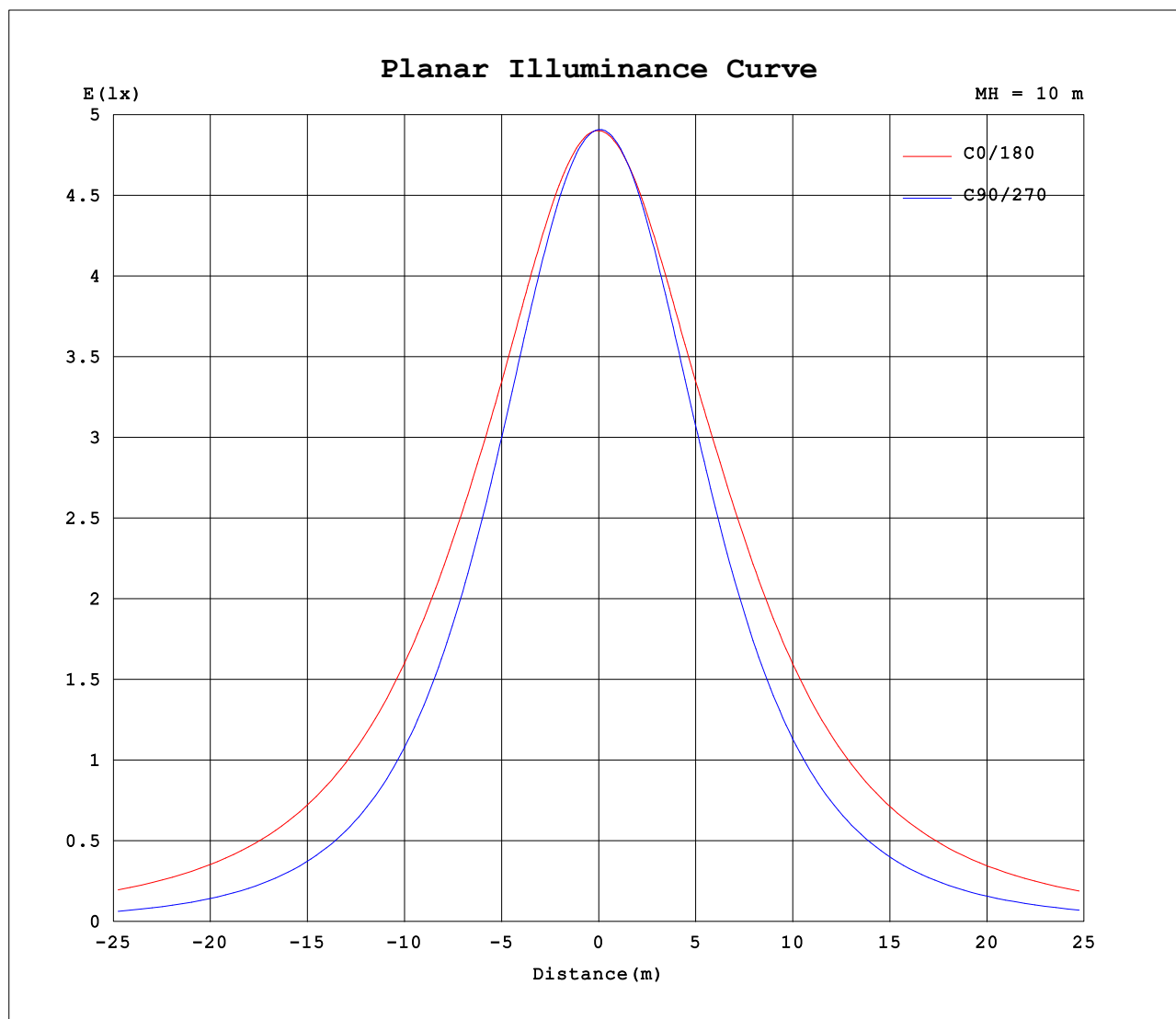
AvgL	cd/m2
L_0~180 (65) av	3798
L_0~180 (75) av	4797
L_0~180 (85) av	2669
L_90~270 (65) av	1544
L_90~270 (75) av	1205
L_90~270 (85) av	436
L_45 (65) av	2808
L_45 (75) av	3488
L_45 (85) av	2585

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:0.2280A P:27.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2859.75x1 lm																		
NAME: 14代									TYPE:3000K					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	490	490	490	490	490	490	490	490	491	491	491	491	491	491	491	491	491	491	491
5	489	489	489	489	489	489	488	488	488	488	488	488	488	488	487	487	487	487	487
10	486	486	485	485	484	484	483	483	482	482	481	481	480	480	480	479	479	479	479
15	481	480	479	478	477	476	475	474	473	472	471	470	469	468	468	467	466	466	466
20	475	473	471	469	468	466	464	463	461	460	458	456	454	453	451	450	449	449	448
25	469	466	463	460	457	454	452	449	447	444	441	438	436	433	431	430	428	427	427
30	466	461	456	451	447	443	438	434	431	427	423	418	415	411	408	405	403	402	401
35	464	457	450	443	437	431	425	419	414	409	403	397	391	386	382	378	375	373	372
40	460	451	443	435	427	419	412	405	398	391	383	375	367	360	354	349	345	342	340
45	454	444	434	425	416	407	398	390	381	373	362	352	342	333	325	318	312	308	306
50	443	433	423	412	402	392	382	372	362	353	340	327	315	304	294	285	278	272	269
55	429	418	407	396	385	374	364	353	342	330	315	301	286	273	261	250	241	235	230
60	411	400	388	377	365	353	342	330	317	305	288	271	255	240	226	214	203	195	190
65	390	378	366	353	341	328	315	302	289	276	257	239	221	204	189	175	164	155	149
70	365	352	338	325	311	297	284	270	256	241	222	202	183	166	150	135	123	114	108
75	314	304	293	282	270	259	246	234	221	207	187	168	149	131	114	98.7	86.0	76.0	69.2
80	212	208	203	197	191	184	176	168	159	149	134	118	103	87.8	73.8	61.0	49.9	40.9	34.3
85	83.4	81.5	79.4	76.9	74.2	71.2	67.9	64.3	60.5	56.4	49.9	43.3	36.7	30.4	24.3	18.7	13.8	9.68	6.49
90	16.6	14.6	12.6	10.9	9.23	7.73	6.37	5.15	4.08	3.14	2.51	2.00	1.61	1.33	1.14	1.03	0.99	1.01	1.07
95	93.5	90.9	88.1	85.1	81.8	78.4	74.7	70.8	66.7	62.4	56.5	50.4	44.4	38.4	32.7	27.3	22.4	18.0	14.3
100	138	135	132	128	125	120	116	111	106	101	92.4	84.1	75.8	67.7	59.9	52.8	46.3	40.7	36.2
105	176	172	168	163	159	154	148	143	137	131	122	112	103	94.5	86.2	78.5	71.7	65.9	61.4
110	197	192	187	182	176	171	165	160	154	148	140	131	123	116	109	102	96.3	91.5	87.8
115	210	206	201	197	192	187	183	178	173	167	160	153	146	139	133	127	122	118	114
120	225	221	217	213	209	205	201	196	192	187	181	175	168	162	157	151	147	143	140
125	241	238	234	231	227	223	219	215	211	207	202	196	191	185	180	176	172	168	166
130	256	253	249	246	242	239	235	232	228	224	219	215	210	206	201	198	194	191	189
135	270	266	263	259	256	252	249	246	242	239	235	231	228	224	221	218	215	213	211
140	279	276	273	270	267	264	262	259	256	253	250	247	244	241	239	236	234	232	231
145	287	284	282	280	277	275	273	271	268	266	264	262	259	257	255	253	252	250	249
150	294	292	290	289	287	285	284	282	280	279	277	275	274	272	270	269	268	267	266
155	300	299	298	297	295	294	293	292	291	290	288	287	286	285	284	283	282	281	280
160	306	305	304	304	303	302	301	300	300	299	298	297	296	295	295	294	293	293	292
165	310	310	309	309	308	308	307	307	306	306	305	305	304	304	303	303	302	302	302
170	313	313	313	313	312	312	312	311	311	311	311	310	310	310	310	309	309	309	308
175	315	315	315	314	314	314	314	314	314	314	314	314	314	313	313	313	313	313	313
180	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313

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:0.2280A P:27.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2859.75x1 lm		
NAME: 14代	TYPE:3000K	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	491	491	491	491	491	491	491	491	491	491	491	491	491	490	490	490	490	490	490
5	487	488	488	488	488	488	489	489	489	489	489	489	489	489	489	488	488	488	488
10	479	480	480	481	481	482	482	483	484	484	484	484	484	484	484	484	484	484	484
15	467	467	468	469	470	471	473	474	475	476	476	477	477	478	478	479	479	479	479
20	449	451	452	454	456	457	459	461	463	465	466	468	469	470	471	472	472	473	473
25	428	430	432	435	437	440	444	447	450	453	456	458	461	463	465	466	468	468	468
30	403	405	409	412	416	421	426	430	435	440	445	449	453	457	461	464	466	467	466
35	375	379	384	389	395	401	408	414	421	428	434	441	446	452	456	460	463	465	463
40	344	350	356	363	372	380	389	398	408	416	424	431	438	445	450	455	458	461	458
45	311	318	326	335	346	357	368	380	391	401	410	419	427	434	441	446	449	452	449
50	275	283	293	305	317	330	344	358	371	383	393	403	412	420	427	433	437	439	436
55	237	247	258	271	285	301	316	332	348	361	373	384	394	403	410	416	421	424	420
60	198	208	221	236	252	269	286	304	322	336	349	361	372	382	390	397	402	405	400
65	157	169	183	199	216	235	254	274	293	308	322	335	346	357	365	372	377	380	376
70	117	129	144	161	179	199	219	240	260	275	290	303	315	325	334	341	346	349	345
75	78.8	91.6	107	124	143	163	183	203	222	234	245	254	262	269	274	278	281	282	279
80	41.9	51.8	63.6	77.0	91.4	106	121	136	150	156	160	163	166	167	168	168	168	166	167
85	9.11	12.6	16.9	21.6	26.6	31.7	36.7	41.5	45.7	44.8	43.3	41.4	39.2	36.8	34.4	32.1	30.0	28.2	30.6
90	1.09	1.14	1.20	1.29	1.38	1.48	1.57	1.65	1.71	1.60	1.46	1.32	1.17	1.02	0.88	0.75	0.65	0.56	0.69
95	14.5	15.3	16.6	18.4	20.4	22.5	24.6	26.6	28.4	26.8	24.9	22.8	20.6	18.5	16.5	14.7	13.2	12.2	14.8
100	37.7	40.3	43.8	48.0	52.7	57.8	63.1	68.4	73.5	75.5	77.3	78.7	79.8	80.7	81.3	81.7	82.0	82.0	82.9
105	63.8	67.4	72.0	77.5	83.5	90.0	96.7	103	110	113	115	118	119	121	122	123	123	124	124
110	89.4	92.1	95.7	100	105	111	117	123	129	134	139	144	149	153	156	160	162	164	163
115	115	117	119	122	126	131	135	140	146	151	157	162	167	172	176	180	183	185	184
120	140	142	144	147	150	154	158	162	166	171	175	179	183	187	191	194	196	198	197
125	166	167	169	171	173	176	180	183	187	190	194	197	200	203	206	208	210	212	212
130	189	190	191	193	195	198	201	203	207	210	213	216	218	221	224	226	228	229	229
135	211	211	212	213	215	217	219	221	224	226	229	232	234	237	239	241	243	244	244
140	231	231	231	232	233	234	236	238	239	242	244	247	249	251	254	255	257	258	258
145	249	249	249	249	250	251	252	253	254	256	258	260	262	264	265	267	268	269	269
150	265	265	265	265	265	265	266	267	267	269	270	271	273	274	275	277	278	278	278
155	280	279	279	279	279	279	279	279	279	280	281	282	283	284	284	285	286	287	286
160	292	291	291	291	290	290	290	290	290	290	291	291	292	292	292	293	293	294	294
165	301	301	300	300	300	300	300	299	299	299	299	299	300	300	300	300	300	300	300
170	308	308	308	307	307	307	307	306	306	306	306	306	306	306	306	306	306	306	306
175	312	312	312	312	312	311	311	311	311	311	311	311	311	311	311	311	311	311	311
180	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313

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:0.2280A P:27.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2859.75x1 lm																		
NAME: 14代									TYPE:3000K					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	490	490	490	490	490	490	491	491	491	491	491	491	491	491	491	491	491	491	491
5	488	489	489	489	489	489	489	489	489	489	489	489	489	489	489	489	489	489	489
10	484	484	484	484	484	484	484	484	484	484	484	484	484	484	483	483	483	483	483
15	479	478	478	478	477	477	476	476	475	475	474	474	473	473	473	472	472	472	472
20	472	471	470	469	468	467	466	465	463	462	461	460	459	458	457	457	456	457	457
25	466	465	463	461	458	456	453	451	449	446	444	443	441	439	438	437	436	437	437
30	463	460	457	453	449	444	440	436	432	429	425	422	420	417	415	414	413	414	415
35	460	455	451	445	439	433	427	420	415	410	405	400	396	392	389	387	385	386	388
40	454	449	443	436	429	421	413	405	398	390	383	376	370	365	360	357	354	356	359
45	444	439	432	424	416	407	398	388	378	369	359	350	342	335	329	324	320	323	327
50	431	425	417	409	399	389	378	368	356	344	332	321	311	302	295	288	284	288	294
55	414	407	399	389	379	368	356	343	329	316	302	290	278	267	258	251	246	251	258
60	394	386	377	366	354	342	328	315	299	284	269	254	241	229	219	211	206	212	220
65	369	360	350	339	326	312	298	283	266	249	233	217	203	190	179	171	164	171	180
70	338	329	318	307	293	279	264	249	231	213	195	178	163	149	137	128	121	129	139
75	275	270	263	255	246	236	224	212	195	177	159	141	125	111	97.9	87.7	80.5	89.0	100
80	167	167	166	164	162	159	154	149	136	122	108	94.2	81.0	68.9	58.2	49.5	43.1	50.5	60.2
85	33.2	36.1	39.1	42.0	44.7	47.0	48.9	50.2	46.1	41.5	36.6	31.6	26.6	21.9	17.8	14.3	11.7	15.3	19.9
90	0.83	0.99	1.17	1.34	1.51	1.68	1.82	1.95	1.74	1.52	1.29	1.09	0.91	0.78	0.71	0.72	0.82	1.39	2.06
95	17.7	20.9	24.2	27.6	30.8	33.7	36.2	38.3	35.5	32.2	28.6	24.9	21.3	18.0	15.2	12.9	11.5	15.6	20.5
100	83.6	84.0	84.2	84.1	83.5	82.6	81.2	79.4	73.4	67.1	60.7	54.4	48.4	43.0	38.4	34.8	32.4	37.1	43.1
105	125	125	125	124	123	121	119	116	109	102	93.8	86.2	78.9	72.1	66.2	61.4	57.9	61.8	67.1
110	162	159	157	154	150	146	141	136	129	122	115	108	102	96.1	91.3	87.4	84.7	88.0	92.5
115	182	180	177	173	169	164	159	154	148	142	136	130	125	120	117	114	112	115	119
120	196	194	192	189	186	183	179	175	170	164	159	154	150	146	142	140	138	141	145
125	211	210	208	206	203	201	198	195	190	186	181	177	173	170	167	164	163	166	169
130	228	227	225	224	222	219	217	214	210	206	203	199	196	193	190	188	187	189	192
135	243	242	241	239	237	235	233	230	227	224	221	218	216	213	212	210	209	211	213
140	257	256	255	253	251	250	247	245	243	241	238	236	234	232	231	230	229	231	232
145	268	268	267	265	264	262	261	259	257	256	254	253	251	250	249	249	248	249	251
150	278	277	277	276	275	274	273	272	271	269	268	267	267	266	265	265	265	266	267
155	286	286	286	285	285	284	284	283	282	282	281	281	280	280	280	280	280	280	281
160	294	294	294	294	294	293	293	293	293	293	292	292	292	292	292	292	292	292	293
165	301	301	301	301	301	301	301	301	301	301	301	301	301	301	301	301	301	302	302
170	307	307	307	307	307	308	308	308	308	308	308	308	308	308	308	308	308	309	309
175	311	311	311	312	312	312	312	312	312	312	312	312	312	312	312	313	313	313	313
180	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313

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:0.2280A P:27.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2859.75x1 lm																	
NAME: 14代									TYPE:3000K						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: EVERFINE									SUR.:1.2*0.2						Shielding Angle:		

Table--4

UNIT: cd

γ (DEG)	C (DEG)																
	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355		
0	491	491	491	491	491	491	491	491	491	491	491	491	491	490	490		
5	489	489	489	489	489	489	489	489	489	489	489	489	489	489	489		
10	483	483	483	483	483	484	484	484	484	484	485	485	485	486	486		
15	472	473	473	473	474	474	475	475	476	477	477	478	479	479	480		
20	457	458	459	460	461	462	463	464	465	466	468	469	470	472	473		
25	438	440	441	443	444	447	449	451	452	455	457	459	461	464	466		
30	416	418	421	423	426	429	433	436	439	442	446	449	453	457	461		
35	391	394	397	402	406	411	416	421	426	430	435	441	446	452	458		
40	363	368	373	379	386	393	401	407	413	419	426	432	439	446	453		
45	333	340	347	356	365	374	384	391	399	407	414	422	430	438	446		
50	301	310	319	330	341	353	365	374	383	392	400	409	418	426	435		
55	267	277	289	302	315	329	343	353	363	373	383	392	402	411	420		
60	230	242	256	270	286	301	317	328	339	350	361	371	382	392	401		
65	192	205	220	236	253	270	287	300	312	324	336	347	358	369	380		
70	151	166	183	200	219	238	257	270	283	296	308	320	332	343	354		
75	114	130	148	166	186	205	225	237	249	261	271	281	290	299	307		
80	72.0	85.3	99.7	115	131	146	161	170	178	186	192	198	203	207	210		
85	25.2	31.1	37.5	44.2	50.9	57.6	64.1	67.8	71.2	74.2	76.7	78.9	80.6	82.0	82.9		
90	2.81	3.64	4.52	5.46	6.44	7.45	8.48	9.36	10.2	11.1	12.0	12.9	13.9	14.8	15.7		
95	26.1	32.3	38.9	45.7	52.7	59.6	66.3	70.7	74.8	78.5	81.8	84.8	87.5	89.9	91.9		
100	50.2	58.0	66.5	75.3	84.4	93.4	102	108	113	118	122	126	130	133	135		
105	73.5	80.9	89.1	97.9	107	116	126	132	138	144	150	156	161	166	171		
110	98.0	104	112	119	127	136	144	150	156	162	168	174	180	186	191		
115	124	130	137	144	151	158	166	171	176	182	187	191	196	201	205		
120	149	154	160	166	173	180	186	191	196	200	205	209	213	217	221		
125	173	178	183	188	194	200	206	210	214	219	223	227	230	234	238		
130	195	199	203	208	212	217	222	226	230	234	238	241	245	249	253		
135	216	219	222	226	230	234	238	241	245	248	252	255	259	262	266		
140	235	237	240	243	246	249	252	255	258	261	264	267	270	273	276		
145	252	254	256	259	261	264	266	268	271	273	275	277	280	282	284		
150	268	270	272	273	275	277	279	281	282	284	286	287	289	291	292		
155	282	284	285	286	288	289	290	291	293	294	295	296	297	298	299		
160	294	295	296	297	297	298	299	300	301	302	302	303	304	305	305		
165	303	303	304	305	305	306	306	307	307	308	308	309	309	310	310		
170	309	310	310	310	311	311	311	312	312	312	312	313	313	313	313		
175	313	313	313	313	314	314	314	314	314	314	314	314	315	315	315		
180	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313		

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: