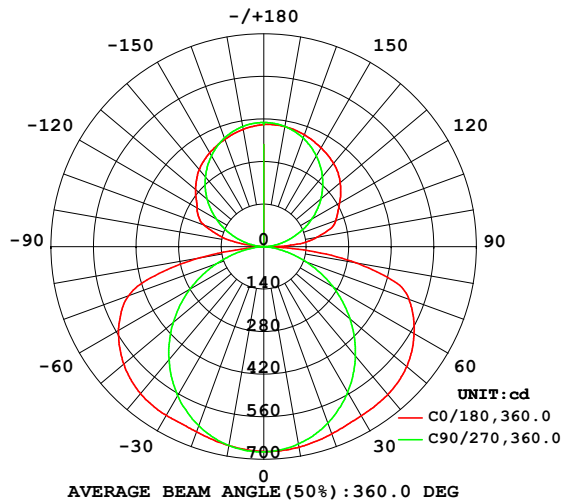


LUMINAIRE PHOTOMETRIC TEST REPORT

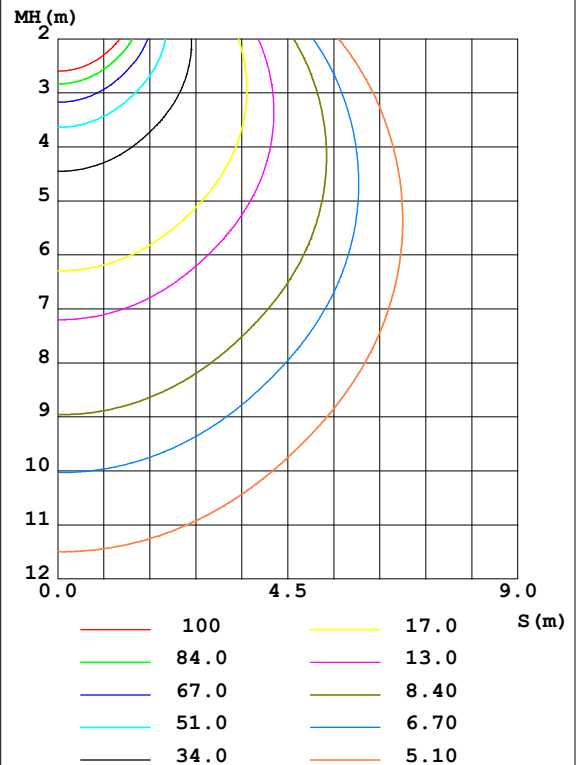
Test:U:121.0V I:0.3200A P:38.70W PF:0.9900 Freq:60.00Hz Lamp Flux:3839.7x1 lm		
NAME: 14代	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 99.22 lm/W			
MODEL		Imax(cd)	675.6	S/MH(C0/180)	1.46
NOMINAL POWER(W)	40W	LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	1120.0	TOTAL FLUX(lm)	3839.7	η UP,DN(C0-180)	18.1,31.7
NOMINAL FLUX(lm)	3839.7	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	18.1,32.0
LAMPS INSIDE	1	η up(%)	36.3	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120.0	η down(%)	63.7	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:

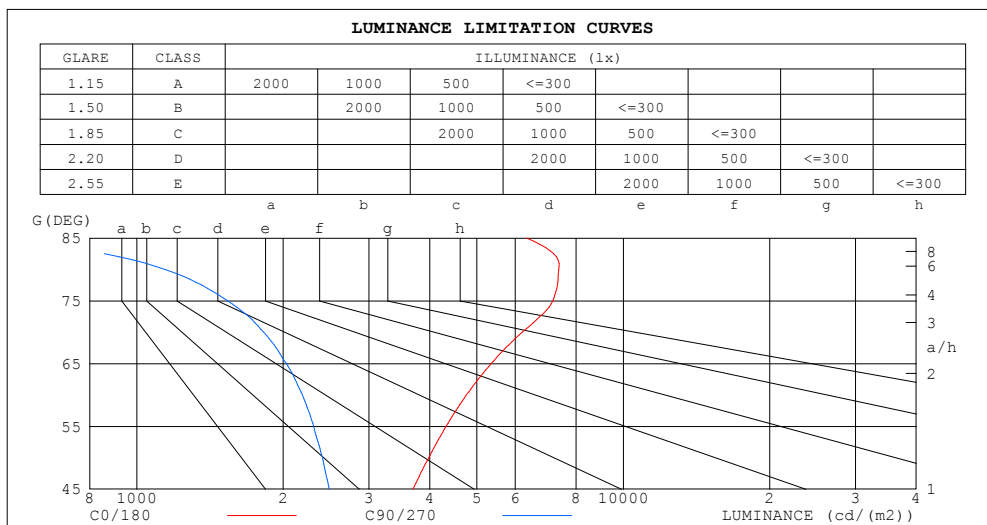
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	670.0	664.1	659.3	664.8	664.6	665.2	664.1	665.5	0- 10	63.92	63.92	1.66,1.66
20	655.3	634.5	617.6	636.9	648.3	637.8	626.9	636.8	10- 20	184.3	248.2	6.46,6.46
30	642.5	590.6	552.8	597.5	641.5	598.0	566.9	595.2	20- 30	285.1	533.3	13.9,13.9
40	635.2	541.8	469.7	558.4	631.2	557.9	485.5	550.4	30- 40	360.5	893.8	23.3,23.3
50	614.2	490.9	371.3	508.7	601.5	505.6	389.0	500.7	40- 50	405.8	1300	33.8,33.8
60	571.1	425.6	262.7	439.9	552.3	432.7	281.5	434.4	50- 60	412.3	1712	44.6,44.6
70	508.7	341.0	149.7	354.6	473.6	342.5	167.2	350.8	60- 70	375.7	2087	54.4,54.4
80	307.2	213.4	47.57	208.5	211.6	198.8	58.07	219.7	70- 80	283.9	2371	61.8,61.8
90	22.01	4.455	1.489	2.300	0.6880	2.392	1.302	11.42	80- 90	75.89	2447	63.7,63.7
100	176.9	129.5	47.14	94.03	104.6	101.8	42.73	131.7	90-100	56.28	2504	65.2,65.2
110	252.3	190.4	114.2	166.1	209.5	175.9	110.8	185.9	100-110	150.1	2654	69.1,69.1
120	288.5	240.8	183.4	213.7	253.8	224.5	179.7	239.1	110-120	199.1	2853	74.3,74.3
130	328.5	288.4	246.0	265.1	293.3	274.8	243.8	285.5	120-130	226.2	3079	80.2,80.2
140	357.8	325.8	300.5	307.3	331.0	315.1	299.1	324.0	130-140	231.1	3310	86.2,86.2
150	376.4	358.3	345.8	343.1	356.7	348.9	345.2	358.5	140-150	211.3	3521	91.7,91.7
160	392.0	384.0	380.3	372.3	375.9	376.5	380.2	384.3	150-160	169.8	3691	96.1,96.1
170	401.2	399.5	401.7	393.0	392.1	395.4	401.5	399.5	160-170	110.3	3801	99,99
180	401.1	401.1	401.1	401.1	401.1	401.1	401.1	401.1	170-180	38.29	3840	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:121.0V I:0.3200A P:38.70W PF:0.9900 Freq:60.00Hz Lamp Flux:3839.7x1 lm		
NAME: 14代	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:



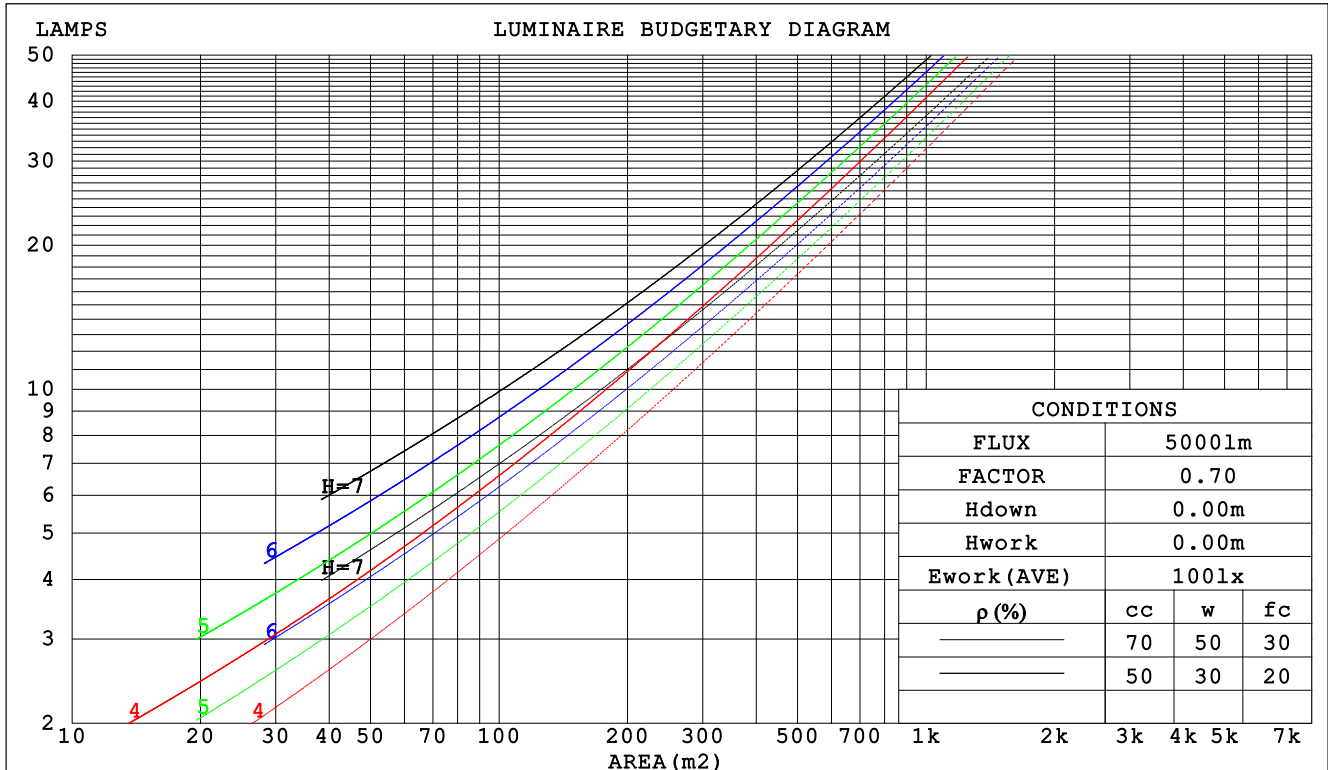
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:121.0V I:0.3200A P:38.70W PF:0.9900 Freq:60.00Hz Lamp Flux:3839.7x1 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	1.04	1.04	1.04	.91	.91	.91	.79	.79	.79	.69	.69	.69	.64
1.0	.95	.90	.86	.89	.85	.81	.78	.75	.72	.68	.66	.64	.59	.57	.56	.51
2.0	.81	.74	.69	.76	.70	.65	.67	.62	.58	.58	.55	.51	.50	.48	.45	.41
3.0	.71	.62	.56	.66	.59	.53	.58	.52	.48	.51	.46	.42	.44	.40	.37	.34
4.0	.62	.53	.47	.58	.50	.44	.51	.45	.40	.45	.40	.36	.39	.35	.31	.28
5.0	.55	.46	.40	.52	.44	.38	.46	.39	.34	.40	.34	.30	.34	.30	.27	.24
6.0	.49	.40	.34	.46	.38	.32	.41	.34	.29	.36	.30	.26	.31	.27	.23	.20
7.0	.44	.36	.30	.42	.34	.28	.37	.30	.26	.32	.27	.23	.28	.24	.20	.18
8.0	.40	.32	.26	.38	.30	.25	.33	.27	.23	.29	.24	.20	.26	.21	.18	.16
9.0	.36	.28	.23	.34	.27	.22	.31	.24	.20	.27	.22	.18	.24	.19	.16	.14
10.0	.33	.26	.21	.32	.25	.20	.28	.22	.18	.25	.20	.16	.22	.18	.15	.13



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:121.0V I:0.3200A P:38.70W PF:0.9900 Freq:60.00Hz Lamp Flux:3839.7x1 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	.320	.182	.058	.302	.172	.055	.268	.154	.049	.237	.137	.044	.209	.121	.039		
2.0	.295	.161	.050	.278	.153	.047	.247	.138	.043	.219	.123	.038	.193	.109	.034		
3.0	.269	.143	.043	.254	.136	.041	.226	.123	.037	.200	.110	.034	.176	.097	.030		
4.0	.246	.128	.038	.233	.122	.036	.207	.110	.033	.183	.098	.030	.161	.087	.027		
5.0	.226	.115	.033	.214	.110	.032	.190	.099	.029	.168	.089	.026	.148	.079	.024		
6.0	.209	.105	.030	.197	.100	.029	.176	.090	.026	.155	.081	.024	.136	.072	.021		
7.0	.194	.096	.027	.183	.091	.026	.163	.082	.024	.144	.074	.022	.127	.066	.019		
8.0	.180	.088	.025	.170	.084	.024	.152	.076	.022	.134	.068	.020	.118	.061	.018		
9.0	.168	.081	.023	.159	.078	.022	.142	.070	.020	.126	.063	.018	.111	.056	.016		
10.0	.158	.076	.021	.150	.072	.020	.134	.065	.018	.118	.059	.017	.104	.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	.467	.467	.467	.399	.399	.399	.272	.272	.272	.156	.156	.156	.050	.050	.050	
1.0	.460	.435	.412	.393	.373	.355	.269	.257	.245	.155	.149	.143	.050	.048	.046	
2.0	.453	.412	.378	.388	.355	.327	.266	.246	.228	.153	.143	.134	.049	.046	.044	
3.0	.446	.396	.356	.383	.342	.309	.263	.237	.217	.152	.139	.128	.049	.045	.042	
4.0	.439	.384	.342	.377	.332	.297	.259	.231	.209	.150	.135	.124	.048	.044	.041	
5.0	.432	.375	.332	.371	.324	.289	.256	.226	.204	.148	.133	.121	.048	.043	.040	
6.0	.426	.367	.325	.366	.318	.283	.252	.222	.200	.146	.131	.119	.047	.043	.039	
7.0	.419	.361	.320	.361	.313	.279	.249	.219	.197	.145	.129	.117	.047	.042	.039	
8.0	.413	.355	.316	.356	.308	.275	.246	.216	.195	.143	.128	.116	.046	.042	.039	
9.0	.407	.351	.313	.351	.304	.273	.243	.214	.194	.142	.126	.115	.046	.041	.038	
10.0	.402	.347	.310	.346	.301	.271	.240	.212	.192	.140	.125	.115	.045	.041	.038	

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:121.0V I:0.3200A P:38.70W PF:0.9900 Freq:60.00Hz Lamp Flux:3839.7x1 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	16.4	17.5	17.1	18.2	19.1	13.4	14.5	14.1	15.2	16.1
	3H	19.2	20.2	19.9	20.9	21.9	14.6	15.6	15.4	16.4	17.3
	4H	20.6	21.6	21.4	22.3	23.3	15.0	16.0	15.8	16.8	17.7
	6H	21.7	22.6	22.5	23.4	24.4	15.2	16.1	16.0	16.9	17.9
	8H	22.1	23.0	22.9	23.8	24.8	15.2	16.1	16.0	16.9	17.9
	12H	22.4	23.2	23.2	24.0	25.0	15.2	16.0	16.0	16.8	17.8
4H	2H	16.8	17.8	17.6	18.5	19.5	14.7	15.6	15.4	16.4	17.4
	3H	19.8	20.6	20.6	21.4	22.4	16.2	17.0	17.0	17.8	18.8
	4H	21.4	22.1	22.2	22.9	24.0	16.8	17.5	17.6	18.3	19.4
	6H	22.7	23.3	23.5	24.2	25.2	17.1	17.8	18.0	18.6	19.7
	8H	23.2	23.8	24.0	24.6	25.7	17.1	17.8	18.0	18.6	19.7
	12H	23.4	24.0	24.3	24.9	26.0	17.1	17.7	18.0	18.5	19.6
8H	4H	21.5	22.1	22.4	23.0	24.1	17.9	18.5	18.7	19.3	20.4
	6H	23.1	23.6	23.9	24.5	25.6	18.5	19.0	19.4	19.9	21.0
	8H	23.7	24.1	24.5	25.0	26.1	18.6	19.1	19.5	20.0	21.1
	12H	24.0	24.4	25.0	25.3	26.5	18.6	19.0	19.6	19.9	21.1
12H	4H	21.5	22.1	22.4	22.9	24.0	18.1	18.7	19.0	19.5	20.6
	6H	23.1	23.5	24.0	24.4	25.5	18.9	19.3	19.8	20.2	21.3
	8H	23.7	24.1	24.6	25.0	26.1	19.1	19.5	20.0	20.4	21.5
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 3840 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.7)

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:121.0V I:0.3200A P:38.70W PF:0.9900 Freq:60.00Hz Lamp Flux:3839.7x1 lm		
NAME: 14代	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:

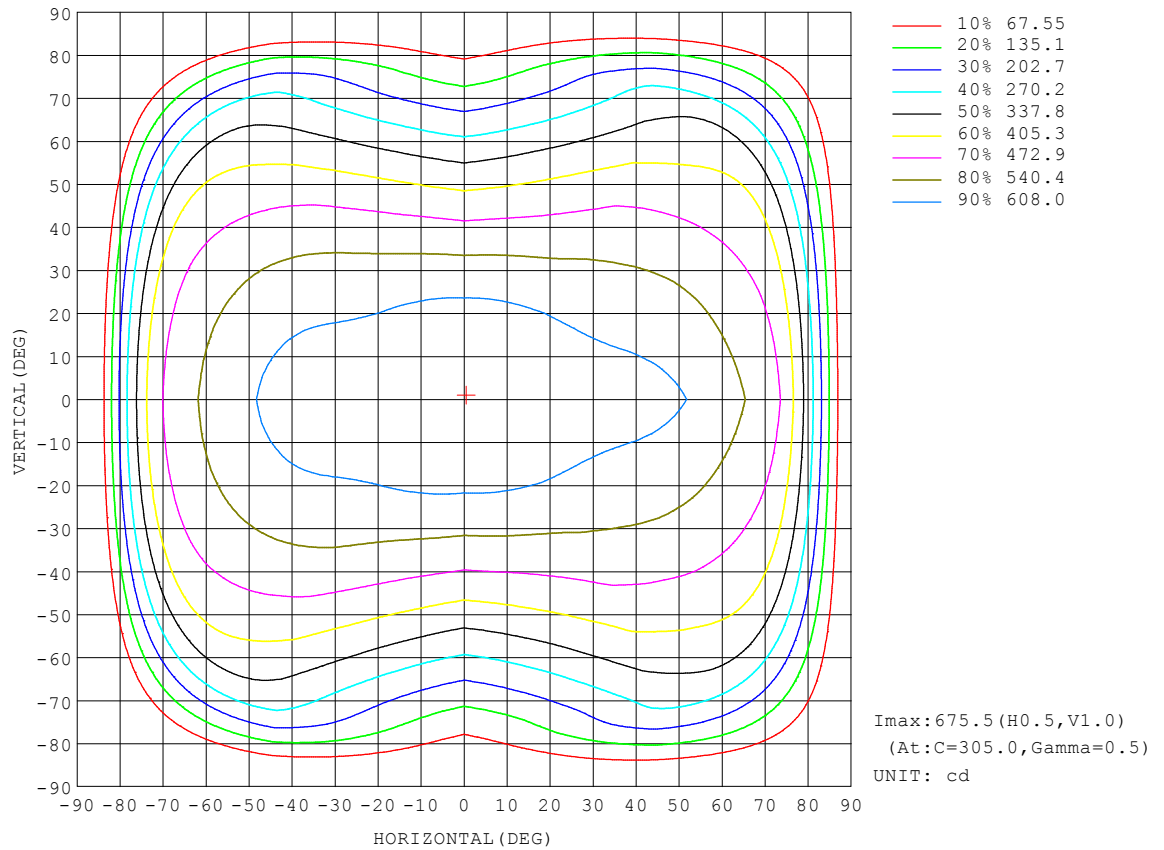
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	45	33	26	43	32	25	39	30	24	17
0.80	54	42	34	51	40	33	47	37	31	22
1.00	62	50	42	59	48	40	53	46	38	27
1.25	69	57	49	65	55	47	59	50	44	32
1.50	74	63	55	70	60	53	63	55	49	35
2.00	82	72	64	77	68	61	68	62	56	40
2.50	86	77	70	81	73	67	72	66	61	43
3.00	90	82	75	85	78	72	75	69	65	46
4.00	95	88	82	89	83	78	79	74	70	50
5.00	98	92	87	92	87	82	81	77	74	53
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:121.0V I:0.3200A P:38.70W PF:0.9900 Freq:60.00Hz Lamp Flux:3839.7x1 lm		
NAME: 14代	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:

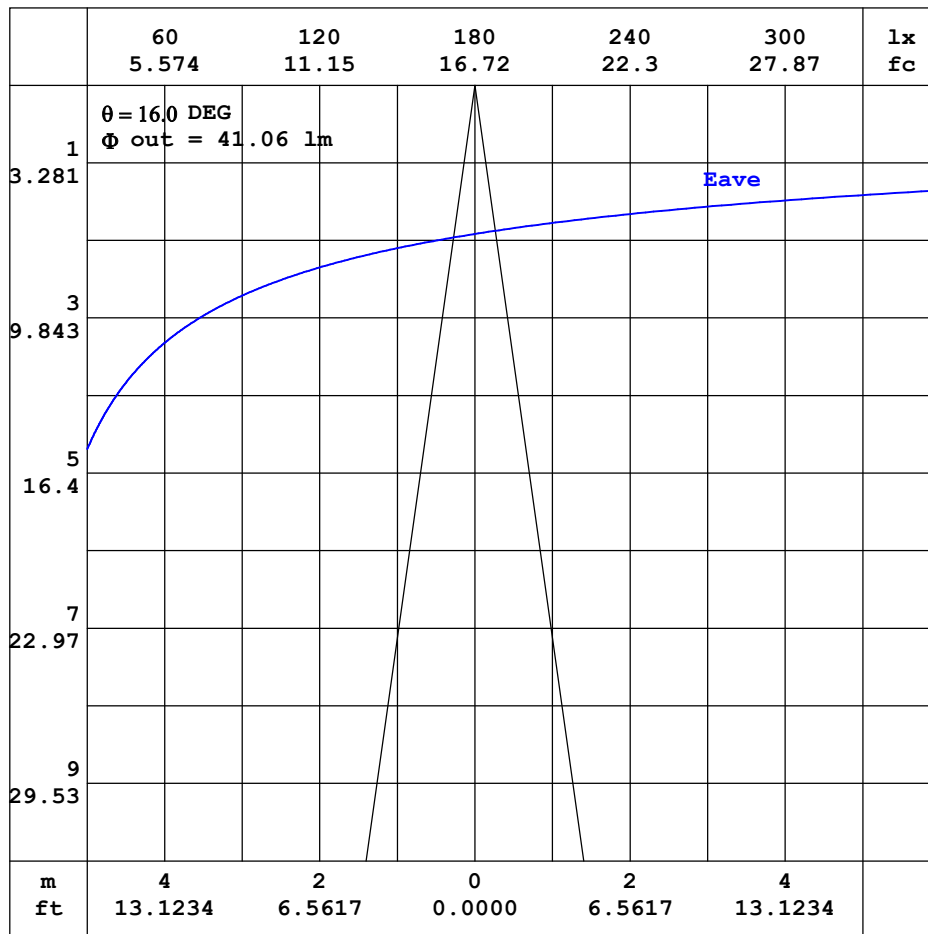


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:121.0V I:0.3200A P:38.70W PF:0.9900 Freq:60.00Hz Lamp Flux:3839.7x1 lm		
NAME: 14代	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:



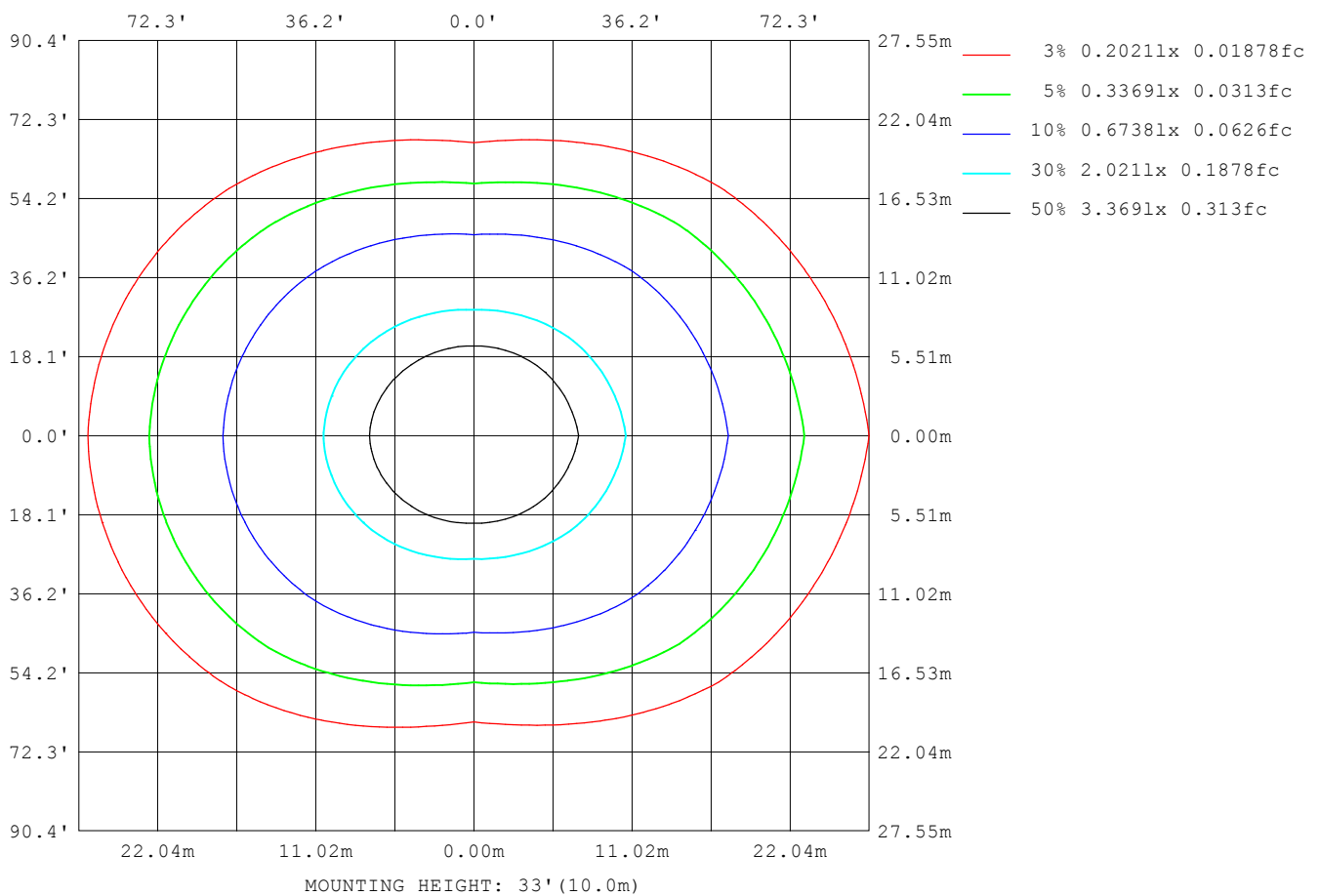
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:121.0V I:0.3200A P:38.70W PF:0.9900 Freq:60.00Hz Lamp Flux:3839.7x1 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:121.0V I:0.3200A P:38.70W PF:0.9900 Freq:60.00Hz Lamp Flux:3839.7x1 lm		
NAME: 14代	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:

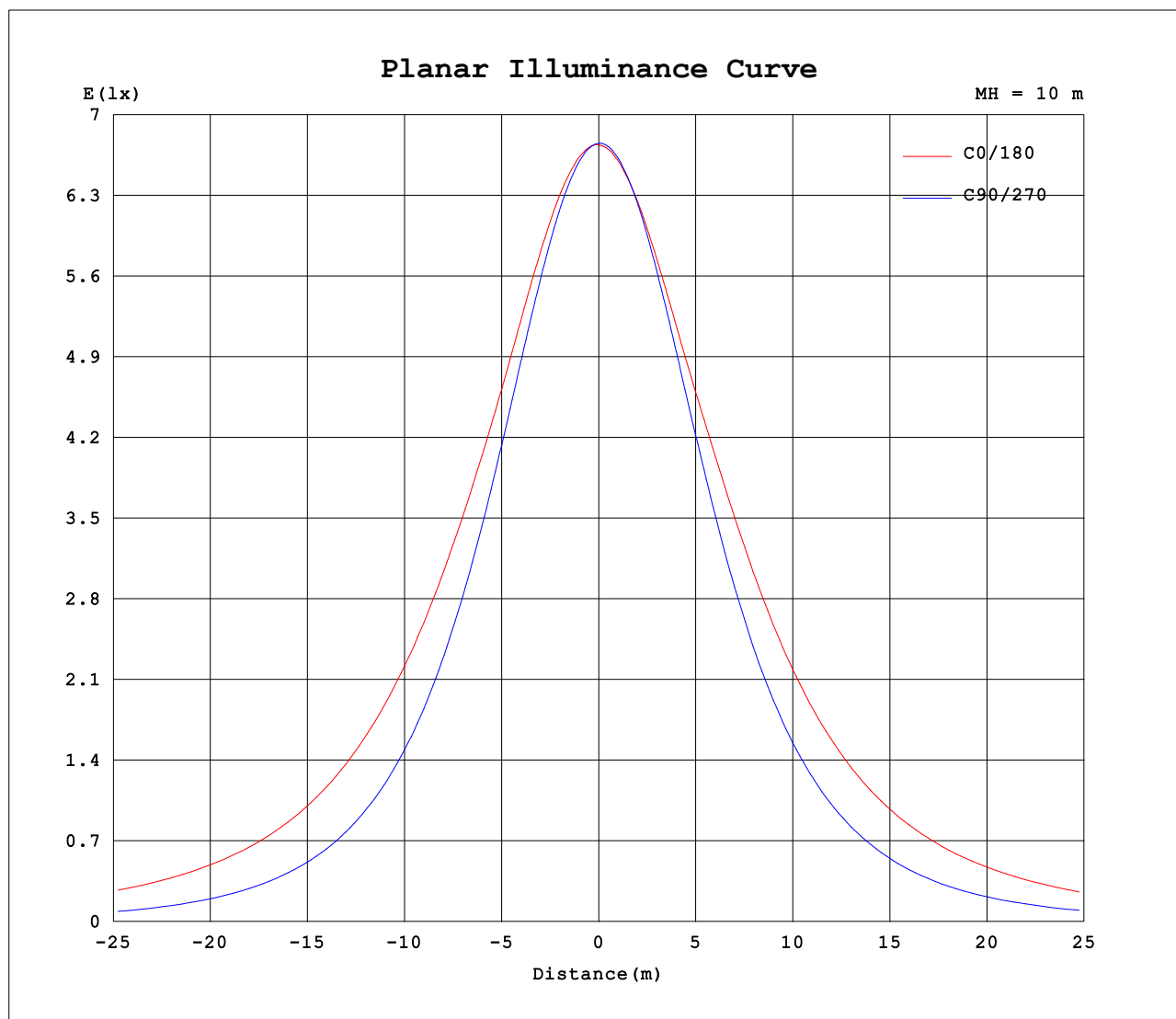
AvgL	cd/m2
L_0~180 (65) av	5233
L_0~180 (75) av	6574
L_0~180 (85) av	3725
L_90~270 (65) av	2122
L_90~270 (75) av	1650
L_90~270 (85) av	614
L_45 (65) av	3867
L_45 (75) av	4796
L_45 (85) av	3547

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:121.0V I:0.3200A P:38.70W PF:0.9900 Freq:60.00Hz Lamp Flux:3839.7x1 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	674	674	674	674	674	674	675	675	675	675	675	675	675	675	675	675	675	675	675
5	673	673	673	673	673	673	672	672	672	672	672	671	671	671	671	671	671	671	671
10	670	669	669	668	667	667	666	665	665	664	663	663	662	661	661	660	660	660	659
15	663	662	661	659	658	656	655	654	652	651	650	648	647	646	644	643	643	642	642
20	655	653	650	648	646	643	641	639	637	634	632	629	627	625	623	621	619	618	618
25	647	643	639	635	631	628	624	620	617	614	609	605	602	598	595	592	590	589	588
30	643	636	630	624	618	612	606	601	596	591	584	579	573	568	563	560	556	554	553
35	640	630	621	613	604	596	588	580	573	566	557	549	541	534	528	523	518	515	514
40	635	624	613	602	591	581	571	561	551	542	530	519	508	499	490	483	477	472	470
45	627	614	602	589	577	565	553	541	529	518	503	488	474	462	450	440	432	426	422
50	614	600	587	573	559	545	532	518	504	491	473	455	438	422	408	395	385	377	371
55	595	581	566	551	536	521	506	491	476	460	439	419	399	380	362	347	335	325	318
60	571	556	540	525	509	492	476	459	443	426	402	378	356	334	314	297	282	271	263
65	543	527	510	493	476	459	441	423	405	386	360	334	309	285	264	244	228	215	206
70	509	491	473	455	437	418	399	380	361	341	313	286	259	234	211	190	173	159	150
75	445	430	414	398	381	364	346	328	309	290	262	235	208	182	159	137	120	105	95.5
80	307	300	293	284	274	264	253	240	227	213	191	169	146	125	105	86.2	70.2	57.1	47.6
85	132	128	124	120	115	109	104	97.8	91.5	84.9	75.1	65.1	55.2	45.6	36.5	28.2	20.8	14.6	9.72
90	22.0	19.3	16.9	14.5	12.4	10.5	8.69	7.10	5.69	4.46	3.60	2.92	2.38	1.98	1.70	1.52	1.44	1.43	1.49
95	121	117	113	109	105	100	95.6	90.5	85.2	79.7	72.1	64.3	56.6	49.1	41.8	35.0	28.8	23.2	18.5
100	177	173	169	165	160	155	149	143	136	129	119	108	97.8	87.4	77.5	68.3	60.1	52.9	47.1
105	226	221	216	210	204	198	191	184	176	168	157	145	133	122	112	102	93.0	85.6	79.9
110	252	246	240	233	227	220	213	205	198	190	180	170	160	150	141	132	125	119	114
115	269	264	258	253	247	241	235	228	222	215	206	198	189	181	173	166	159	154	149
120	289	284	279	274	269	263	258	252	247	241	233	225	218	211	204	198	192	187	183
125	309	305	300	296	291	286	282	277	272	266	260	253	246	240	234	228	223	219	216
130	328	324	320	315	311	306	302	297	293	288	283	277	271	266	261	256	252	249	246
135	345	341	337	332	328	324	320	316	312	308	303	298	294	290	286	282	279	276	274
140	358	354	350	346	343	339	336	332	329	326	322	319	315	312	309	307	304	302	301
145	368	364	361	358	355	353	350	347	345	342	340	337	335	333	331	329	327	326	324
150	376	374	372	370	368	366	364	362	360	358	357	355	353	352	350	349	348	347	346
155	385	383	382	380	379	377	376	375	374	372	371	370	369	369	368	367	366	365	365
160	392	391	390	389	388	387	386	385	385	384	384	383	383	382	382	382	381	381	380
165	398	397	396	396	395	395	394	394	393	393	393	393	393	393	393	393	393	393	393
170	401	401	400	400	400	400	400	400	400	400	400	400	401	401	401	401	402	402	402
175	403	403	403	403	403	403	403	403	403	403	404	404	405	406	406	406	407	407	407
180	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401

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:121.0V I:0.3200A P:38.70W PF:0.9900 Freq:60.00Hz Lamp Flux:3839.7x1 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	675	675	675	675	675	676	676	676	675	675	675	675	675	675	674	674	674	674	674
5	671	671	671	671	672	672	672	672	673	672	672	672	672	671	671	671	671	671	671
10	660	660	661	661	662	663	664	664	665	665	665	665	665	665	665	665	665	665	665
15	642	643	644	646	647	648	650	651	653	654	654	655	655	656	656	657	657	657	657
20	619	620	622	624	627	629	632	634	637	639	641	642	644	645	646	647	648	648	648
25	589	592	595	598	602	606	610	614	618	622	626	629	632	635	638	640	641	643	641
30	555	559	563	567	573	579	585	591	597	604	610	617	622	628	632	636	639	642	639
35	517	522	528	535	543	551	560	569	578	587	596	604	612	619	626	631	636	638	635
40	475	482	490	500	510	522	534	546	558	570	581	591	600	609	617	623	628	631	628
45	429	438	449	461	475	490	505	520	536	549	562	574	585	594	603	610	615	619	615
50	379	390	403	419	435	453	471	490	509	524	538	552	564	575	584	592	598	602	597
55	327	340	355	372	392	412	433	455	476	493	509	524	538	550	561	569	575	579	574
60	273	287	304	324	345	368	392	416	440	459	476	493	508	521	532	541	548	552	547
65	217	232	251	272	296	321	347	374	400	420	439	456	472	486	498	507	514	519	513
70	162	178	198	220	245	272	299	327	355	375	394	412	428	442	454	463	470	474	468
75	109	126	147	170	196	223	250	277	303	318	331	342	351	359	365	369	371	371	369
80	58.2	72.2	88.9	108	128	148	169	190	209	214	218	220	221	221	219	217	215	212	213
85	13.5	18.5	24.6	31.3	38.4	45.5	52.4	58.8	64.2	61.2	57.3	52.7	47.6	42.3	37.0	32.0	27.4	23.6	27.0
90	1.51	1.56	1.65	1.75	1.87	1.99	2.11	2.22	2.30	2.14	1.95	1.75	1.54	1.34	1.14	0.96	0.81	0.69	0.83
95	18.8	19.8	21.5	23.7	26.3	29.0	31.7	34.2	36.4	34.3	31.8	29.0	26.2	23.4	20.8	18.4	16.5	15.2	18.4
100	49.0	52.2	56.6	61.9	67.8	74.3	80.9	87.6	94.0	96.6	98.7	100	102	103	104	104	104	105	106
105	82.8	87.3	93.1	100	108	116	124	133	141	145	148	151	154	156	158	159	160	160	161
110	116	120	124	130	136	143	151	158	166	173	179	185	191	196	200	204	207	209	209
115	150	152	155	159	163	169	174	181	187	194	201	208	214	220	226	230	234	237	236
120	184	185	188	191	194	199	203	208	214	219	225	230	235	240	244	248	251	254	253
125	216	217	219	221	224	227	231	235	240	244	248	252	257	260	264	267	270	272	271
130	246	247	248	250	252	255	258	262	265	269	273	276	280	283	286	289	291	293	293
135	274	274	275	276	278	280	282	284	287	290	294	297	300	304	306	309	311	313	313
140	300	300	300	301	301	302	304	305	307	310	313	316	319	322	325	327	329	331	330
145	324	323	323	323	323	324	324	325	326	328	331	333	335	338	340	342	344	345	345
150	345	344	343	343	343	343	343	343	343	344	346	348	349	351	353	354	356	357	356
155	364	363	362	361	360	360	359	359	358	359	360	361	362	363	364	365	366	367	367
160	379	378	377	376	375	374	374	373	372	372	373	373	373	374	374	375	375	376	376
165	392	391	390	389	388	387	386	385	384	384	384	383	384	384	384	384	384	385	385
170	401	400	399	398	397	396	395	394	393	393	392	392	392	392	392	392	392	392	392
175	407	406	405	404	403	402	401	400	399	399	398	398	398	398	398	398	398	398	398
180	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401

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:121.0V I:0.3200A P:38.70W PF:0.9900 Freq:60.00Hz Lamp Flux:3839.7x1 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	674	674	674	674	674	674	675	675	675	675	675	675	675	675	675	675	675	675	675
5	671	671	671	672	672	672	672	673	673	673	673	673	673	673	673	673	673	673	673
10	665	665	665	665	665	665	665	665	665	665	665	665	665	664	664	664	664	664	664
15	656	656	656	655	655	654	654	653	653	652	651	651	650	650	649	649	649	649	649
20	647	646	645	644	642	641	639	638	636	635	633	632	630	629	628	628	627	627	628
25	640	637	635	632	629	625	622	619	616	613	610	607	605	603	601	600	599	600	601
30	636	632	627	622	616	610	604	598	593	588	584	580	576	573	570	568	567	568	569
35	631	625	619	611	603	595	586	578	570	563	556	550	544	539	534	531	529	530	533
40	622	616	608	599	589	579	569	558	547	537	527	517	509	501	495	489	485	488	492
45	609	601	592	582	571	559	547	534	520	507	494	481	470	460	451	444	439	443	449
50	591	582	572	561	548	535	520	506	489	473	457	442	427	415	404	395	389	394	402
55	567	558	547	534	520	505	489	472	453	434	416	398	381	367	354	344	337	343	353
60	539	528	516	502	486	469	451	433	411	390	369	349	331	315	301	289	282	289	300
65	504	493	479	464	447	429	409	389	366	343	320	299	279	261	245	233	225	233	246
70	459	448	434	418	401	383	363	343	318	293	269	246	225	206	189	176	167	177	191
75	365	359	351	342	332	320	306	291	267	243	218	194	172	152	134	120	109	121	136
80	214	215	214	214	212	209	204	199	182	163	145	126	109	92.6	78.4	66.6	58.1	68.0	81.1
85	31.1	35.8	40.7	45.7	50.6	55.1	59.0	62.1	57.5	52.1	46.3	40.2	34.1	28.4	23.3	19.0	16.0	20.5	26.3
90	1.00	1.19	1.40	1.62	1.83	2.04	2.23	2.39	2.15	1.90	1.65	1.42	1.24	1.11	1.07	1.13	1.30	2.07	2.96
95	22.2	26.3	30.6	34.9	39.1	42.9	46.2	48.9	45.4	41.3	36.8	32.2	27.7	23.6	20.0	17.3	15.5	20.7	27.0
100	107	107	108	107	107	106	104	102	94.3	86.4	78.3	70.4	62.9	56.1	50.3	45.7	42.7	48.8	56.5
105	161	161	160	159	157	154	151	148	139	129	119	110	101	92.8	85.7	79.9	75.7	80.9	87.8
110	207	205	201	197	193	188	182	176	167	158	149	141	133	125	119	114	111	115	121
115	234	230	226	221	216	210	204	198	190	183	175	168	162	156	152	148	146	150	155
120	251	249	246	243	239	234	229	224	218	212	205	199	194	189	185	182	180	183	188
125	270	268	266	264	261	258	254	250	245	239	234	229	225	220	217	214	213	216	220
130	292	291	289	287	284	281	278	275	270	266	262	257	254	250	247	245	244	246	249
135	312	310	309	306	304	302	299	296	292	289	286	283	280	277	275	273	272	274	277
140	329	328	326	325	322	320	318	315	313	310	308	306	304	302	301	300	299	300	302
145	344	343	341	340	338	337	335	333	331	330	328	327	326	325	324	324	323	324	326
150	356	355	354	353	352	351	350	349	348	347	347	346	346	345	345	345	345	346	347
155	367	366	366	365	365	364	364	363	363	363	363	363	363	363	364	364	364	365	366
160	376	376	376	376	376	376	376	376	377	377	378	378	378	379	379	380	380	381	381
165	385	385	386	386	386	386	387	387	388	388	389	390	390	391	392	392	393	393	393
170	393	393	393	394	394	394	395	395	396	397	398	398	399	400	401	401	402	402	401
175	398	399	399	399	400	400	401	401	402	403	403	404	405	406	406	407	407	407	406
180	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401

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:121.0V I:0.3200A P:38.70W PF:0.9900 Freq:60.00Hz Lamp Flux:3839.7x1 lm																	
NAME: 14代									TYPE:3000K						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	675	675	675	676	676	676	675	675	675	675	675	675	675	674	674				
5	673	673	673	673	673	673	673	673	673	673	673	673	673	673	673				
10	664	664	665	665	665	665	665	666	666	667	667	668	668	669	669				
15	649	650	650	651	652	652	653	654	655	656	657	658	659	661	662				
20	629	629	631	632	633	635	637	638	640	642	644	646	648	650	653				
25	602	604	606	608	611	614	617	620	623	626	629	632	636	640	643				
30	572	575	578	582	586	590	595	600	604	609	614	619	625	630	636				
35	536	541	546	552	558	565	573	579	585	592	599	607	615	623	631				
40	498	504	512	521	530	540	550	559	568	576	586	595	605	615	625				
45	456	466	476	488	500	513	527	537	548	559	570	581	592	604	615				
50	412	424	437	452	468	484	501	513	526	538	551	564	576	589	602				
55	365	380	396	413	432	451	471	485	499	513	527	541	555	568	582				
60	315	331	349	369	391	412	434	450	466	482	497	512	527	542	557				
65	261	279	300	322	345	369	393	411	428	445	462	479	495	511	527				
70	208	227	250	273	299	325	351	370	388	406	424	442	459	476	492				
75	155	176	200	226	253	280	307	325	343	360	376	391	406	420	433				
80	96.9	115	135	155	177	198	220	233	246	257	268	277	286	294	301				
85	33.1	40.8	49.2	58.0	67.1	76.3	85.5	91.8	97.8	104	109	114	119	124	128				
90	3.96	5.05	6.23	7.46	8.75	10.1	11.4	12.6	13.7	14.9	16.1	17.2	18.4	19.6	20.8				
95	34.1	42.0	50.4	59.1	68.0	76.8	85.4	91.0	96.2	101	105	109	113	116	119				
100	65.4	75.4	86.2	97.4	109	120	132	139	146	152	157	162	167	171	174				
105	96.1	106	116	127	139	151	163	171	179	186	194	201	207	214	220				
110	128	136	145	154	165	175	186	194	201	209	216	224	231	238	245				
115	161	169	177	185	194	204	213	220	226	233	239	245	252	257	263				
120	194	200	207	215	223	231	239	245	251	257	262	268	273	278	284				
125	225	230	237	243	250	257	264	270	275	280	285	290	295	300	305				
130	253	258	263	268	274	279	285	290	295	300	304	309	314	319	324				
135	280	283	287	291	296	300	305	309	314	318	322	327	331	336	341				
140	304	307	310	313	317	320	324	327	331	334	338	342	346	350	354				
145	327	329	332	334	336	339	342	344	347	350	352	355	358	361	364				
150	348	350	351	353	355	357	358	360	362	364	366	368	370	372	374				
155	366	367	368	369	370	372	373	374	375	376	378	379	380	382	383				
160	381	382	382	383	383	384	384	385	386	387	387	388	389	390	391				
165	393	393	393	393	393	393	393	394	394	394	395	395	396	396	397				
170	401	401	401	400	400	400	400	400	400	400	400	400	400	400	401				
175	406	406	405	405	404	403	403	403	403	402	402	402	402	403	403				
180	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401				

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: