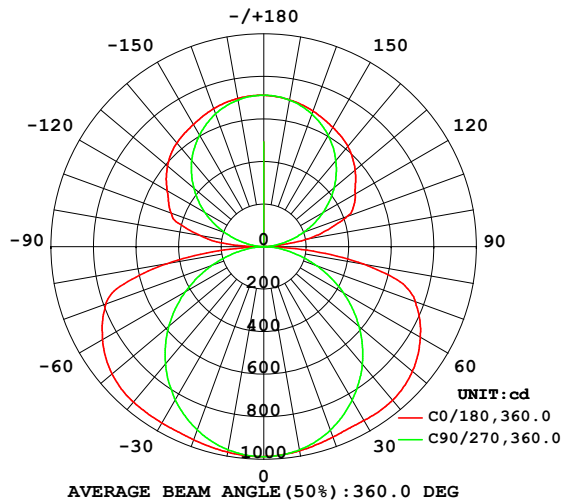


LUMINAIRE PHOTOMETRIC TEST REPORT

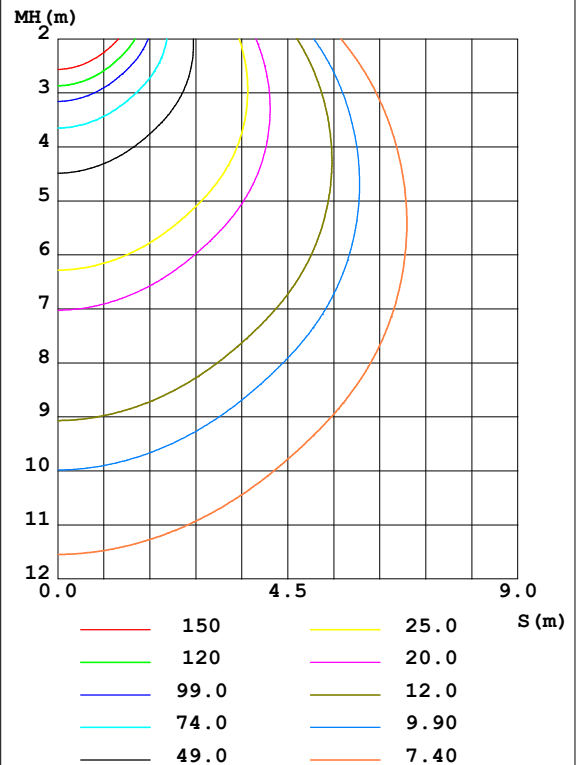
Test:U:122.7V I:0.3930A P:48.10W PF:0.9900 Freq:60.00Hz Lamp Flux:6327.45x1 lm		
NAME: 14代4FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 131.55 lm/W			
MODEL		I _{max} (cd)	987.8	S/MH(C0/180)	1.47
NOMINAL POWER(W)	50W	LOR(%)	100.0	S/MH(C90/270)	1.25
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	6327.4	η UP,DN(C0-180)	19.8,30.3
NOMINAL FLUX(lm)	6327.45	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	20.1,29.8
LAMPS INSIDE	1	η up(%)	39.9	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120.0	η down(%)	60.1	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:

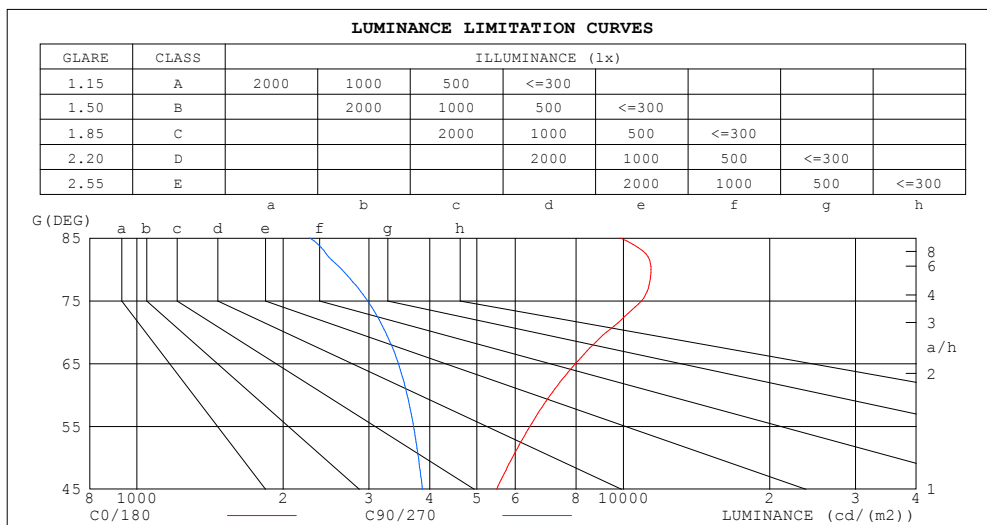
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	974.3	971.3	969.9	978.2	981.0	976.9	969.6	968.8	0- 10	93.58	93.58	1.48,1.48
20	952.3	930.4	917.8	945.4	965.9	942.3	916.7	928.3	10- 20	270.7	364.3	5.76,5.76
30	943.3	872.9	831.8	896.9	957.7	891.2	832.5	874.9	20- 30	421.4	785.7	12.4,12.4
40	942.6	813.4	721.6	842.8	953.9	833.8	718.8	823.4	30- 40	538.1	1324	20.9,20.9
50	912.2	751.1	585.1	781.9	931.3	767.3	583.2	759.1	40- 50	614.1	1938	30.6,30.6
60	849.9	658.8	431.4	700.9	875.3	675.5	427.6	661.0	50- 60	634.9	2573	40.7,40.7
70	757.6	537.2	266.4	588.1	790.5	550.9	259.3	536.1	60- 70	590.7	3163	50,50
80	475.3	382.2	110.0	422.3	460.4	366.5	98.88	352.3	70- 80	473.0	3636	57.5,57.5
90	8.426	10.98	5.921	24.65	20.37	31.89	2.042	9.186	80- 90	167.8	3804	60.1,60.1
100	208.6	170.9	80.75	238.2	304.0	263.5	75.95	177.6	90-100	102.6	3907	61.7,61.7
110	419.1	322.3	200.7	341.0	464.0	361.5	195.5	322.9	100-110	280.8	4188	66.2,66.2
120	497.1	407.1	322.8	434.3	524.5	448.7	319.2	408.3	110-120	369.6	4557	72,72
130	561.0	493.2	432.5	513.4	591.0	524.0	429.7	491.4	120-130	413.5	4971	78.6,78.6
140	615.7	560.0	527.3	575.1	636.3	583.6	527.7	558.6	130-140	416.4	5387	85.1,85.1
150	648.5	618.0	605.5	633.4	663.3	639.8	605.0	620.0	140-150	376.7	5764	91.1,91.1
160	678.5	666.4	663.6	677.8	690.4	681.8	664.5	668.5	150-160	301.2	6065	95.9,95.9
170	700.8	697.6	699.7	704.4	707.4	706.0	700.1	699.2	160-170	194.9	6260	98.9,98.9
180	710.3	710.3	710.3	710.3	710.3	710.3	710.3	710.3	170-180	67.47	6327	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:122.7V I:0.3930A P:48.10W PF:0.9900 Freq:60.00Hz Lamp Flux:6327.45x1 lm		
NAME: 14代4FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	9853	2268
80	11404	2639
75	10904	2981
70	9230	3245
65	7976	3449
60	7083	3595
55	6428	3706
50	5913	3793
45	5489	3864

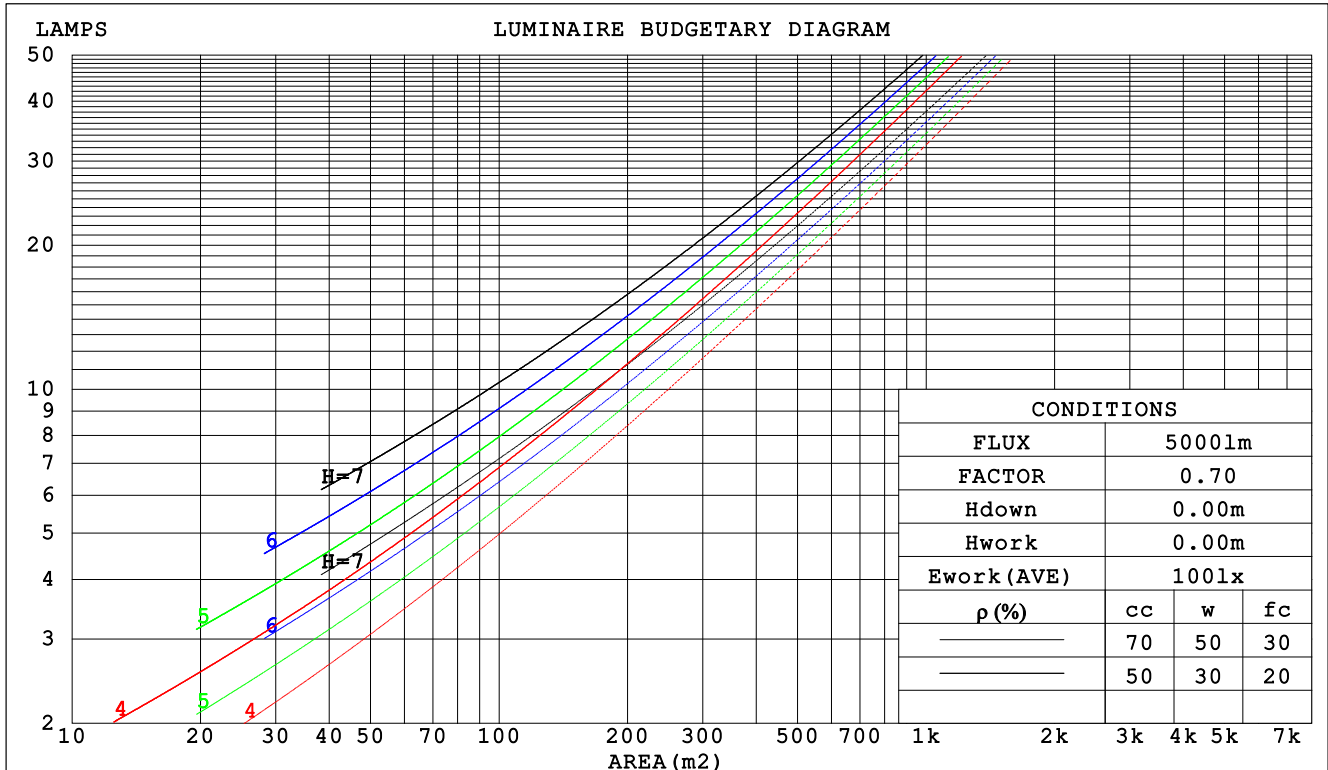
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:122.7V I:0.3930A P:48.10W PF:0.9900 Freq:60.00Hz Lamp Flux:6327.45x1 lm		
NAME: 14代4FT	TYPE:3500K	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	1.02	1.02	1.02	.89	.89	.89	.77	.77	.77	.65	.65	.65	.60
1.0	.93	.89	.85	.87	.83	.80	.76	.73	.70	.65	.63	.61	.55	.54	.52	.47
2.0	.80	.73	.67	.75	.69	.63	.65	.60	.56	.56	.52	.49	.47	.44	.42	.38
3.0	.70	.61	.55	.65	.58	.52	.56	.51	.46	.48	.44	.40	.41	.37	.35	.31
4.0	.61	.52	.46	.57	.49	.43	.49	.43	.38	.42	.38	.34	.36	.32	.29	.25
5.0	.54	.45	.39	.50	.42	.36	.44	.37	.32	.38	.33	.29	.32	.28	.25	.22
6.0	.48	.39	.33	.45	.37	.31	.39	.33	.28	.34	.29	.25	.29	.25	.21	.19
7.0	.43	.35	.29	.41	.33	.27	.35	.29	.24	.31	.25	.22	.26	.22	.19	.16
8.0	.39	.31	.25	.37	.29	.24	.32	.26	.21	.28	.23	.19	.24	.20	.17	.14
9.0	.36	.28	.22	.34	.26	.21	.29	.23	.19	.26	.21	.17	.22	.18	.15	.13
10.0	.33	.25	.20	.31	.24	.19	.27	.21	.17	.24	.19	.15	.20	.16	.13	.11



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:122.7V I:0.3930A P:48.10W PF:0.9900 Freq:60.00Hz Lamp Flux:6327.45x1 lm					
NAME: 14代4FT			TYPE:3500K		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	.328	.186	.059	.309	.176	.056	.273	.156	.050	.240	.138	.044	.209	.121	.039		
2.0	.298	.163	.050	.281	.155	.048	.248	.138	.043	.218	.122	.038	.190	.107	.034		
3.0	.271	.144	.043	.255	.137	.041	.225	.122	.037	.197	.108	.033	.172	.095	.029		
4.0	.247	.128	.038	.233	.122	.036	.205	.109	.032	.180	.097	.029	.156	.085	.026		
5.0	.227	.115	.033	.213	.109	.032	.188	.098	.029	.165	.087	.026	.143	.076	.023		
6.0	.209	.105	.030	.197	.099	.029	.173	.089	.026	.152	.079	.023	.132	.069	.021		
7.0	.193	.096	.027	.182	.091	.026	.161	.081	.023	.141	.072	.021	.122	.063	.019		
8.0	.180	.088	.025	.170	.083	.024	.150	.075	.021	.131	.066	.019	.114	.058	.017		
9.0	.168	.081	.023	.158	.077	.022	.140	.069	.020	.123	.061	.018	.106	.054	.016		
10.0	.158	.076	.021	.149	.072	.020	.131	.064	.018	.115	.057	.016	.100	.050	.014		

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	.494	.494	.494	.422	.422	.422	.288	.288	.288	.166	.166	.166	.053	.053	.053	
1.0	.488	.462	.439	.417	.397	.378	.286	.273	.261	.164	.158	.152	.053	.051	.049	
2.0	.481	.440	.406	.412	.379	.351	.283	.262	.245	.163	.153	.143	.052	.049	.047	
3.0	.475	.424	.384	.407	.366	.333	.279	.254	.234	.161	.149	.138	.052	.048	.045	
4.0	.468	.412	.370	.401	.356	.321	.276	.248	.226	.160	.145	.134	.051	.047	.044	
5.0	.461	.403	.360	.396	.349	.313	.273	.244	.221	.158	.143	.131	.051	.047	.043	
6.0	.454	.395	.353	.390	.342	.308	.269	.240	.218	.156	.141	.129	.050	.046	.043	
7.0	.448	.389	.348	.385	.337	.303	.266	.236	.215	.155	.139	.128	.050	.046	.042	
8.0	.441	.384	.344	.380	.333	.300	.263	.234	.213	.153	.138	.127	.049	.045	.042	
9.0	.436	.379	.341	.375	.329	.298	.260	.231	.211	.151	.137	.126	.049	.045	.042	
10.0	.430	.375	.339	.371	.326	.296	.257	.229	.210	.150	.136	.125	.049	.045	.042	

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:122.7V I:0.3930A P:48.10W PF:0.9900 Freq:60.00Hz Lamp Flux:6327.45x1 lm										
NAME: 14代4FT					TYPE:3500K			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	17.4	18.5	18.2	19.3	20.2	14.8	15.9	15.5	16.6	17.6
3H	20.2	21.2	21.0	22.0	23.0	16.2	17.2	17.0	18.0	19.0
4H	21.7	22.6	22.5	23.4	24.4	16.7	17.7	17.5	18.5	19.5
6H	22.9	23.8	23.7	24.6	25.6	17.1	18.0	17.9	18.8	19.8
8H	23.3	24.1	24.1	25.0	26.0	17.2	18.0	18.0	18.9	19.9
12H	23.5	24.4	24.4	25.2	26.3	17.2	18.0	18.1	18.9	19.9
4H 2H	17.9	18.8	18.7	19.6	20.7	16.0	16.9	16.8	17.8	18.8
3H	20.9	21.7	21.7	22.5	23.6	17.7	18.5	18.5	19.3	20.4
4H	22.5	23.2	23.3	24.1	25.2	18.4	19.1	19.2	20.0	21.1
6H	23.9	24.5	24.8	25.4	26.5	18.9	19.5	19.8	20.4	21.5
8H	24.4	25.0	25.3	25.9	27.0	19.0	19.6	19.9	20.5	21.7
12H	24.7	25.3	25.6	26.2	27.3	19.1	19.6	20.0	20.6	21.7
8H 4H	22.7	23.3	23.6	24.2	25.3	19.5	20.1	20.4	21.0	22.1
6H	24.4	24.8	25.3	25.8	26.9	20.3	20.8	21.2	21.7	22.9
8H	25.0	25.4	25.9	26.4	27.6	20.6	21.0	21.5	21.9	23.1
12H	25.5	25.8	26.4	26.8	28.0	20.7	21.1	21.7	22.0	23.2
12H 4H	22.7	23.2	23.6	24.1	25.3	19.7	20.3	20.6	21.2	22.3
6H	24.4	24.8	25.3	25.8	26.9	20.7	21.2	21.7	22.1	23.3
8H	25.1	25.5	26.1	26.4	27.6	21.1	21.5	22.1	22.4	23.6
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 6327 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.4)

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:122.7V I:0.3930A P:48.10W PF:0.9900 Freq:60.00Hz Lamp Flux:6327.45x1 lm		
NAME: 14代4FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:

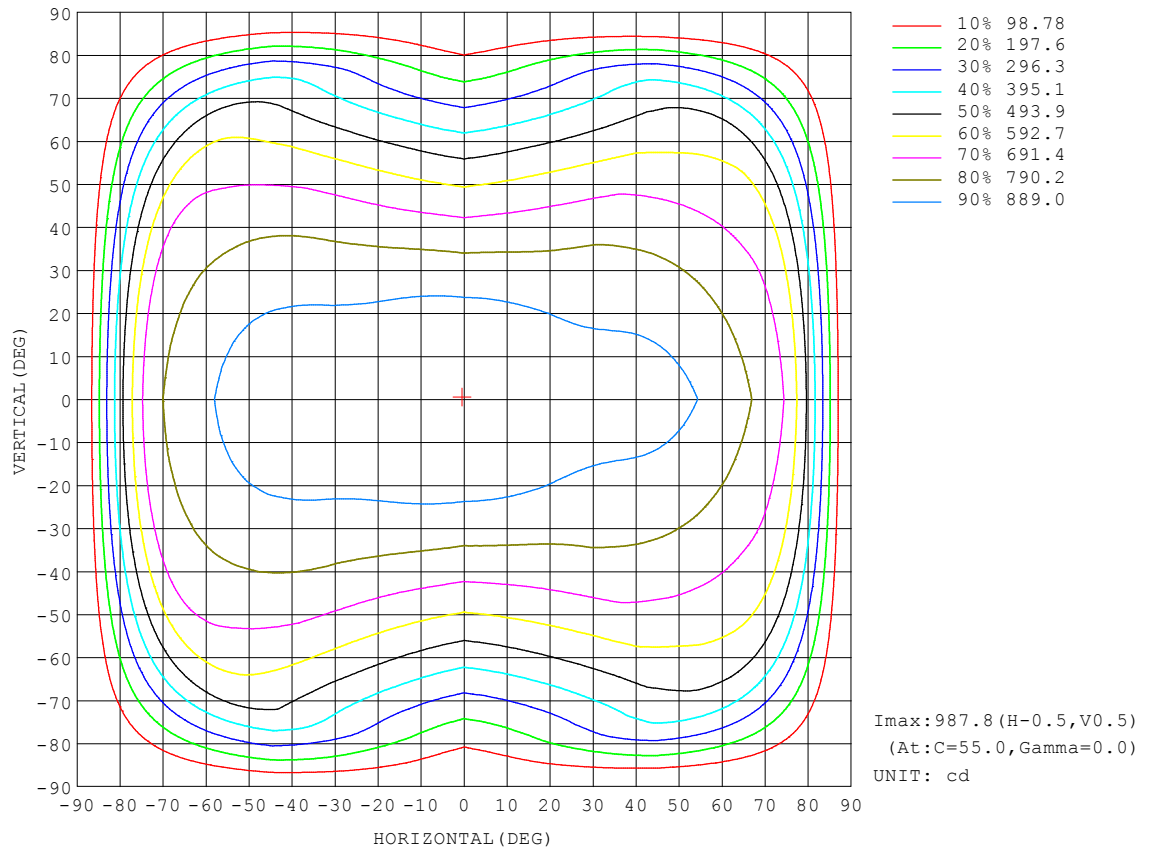
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	43	31	25	41	30	24	38	28	23	15
0.80	53	40	32	50	38	31	45	35	29	20
1.00	60	48	40	57	46	38	51	44	36	24
1.25	67	55	47	63	53	45	56	48	42	29
1.50	73	61	53	68	58	51	60	52	46	32
2.00	80	70	62	75	66	59	66	59	54	37
2.50	85	76	68	80	71	65	70	63	58	40
3.00	89	80	74	83	76	70	73	67	62	43
4.00	93	86	81	87	81	76	76	72	68	46
5.00	96	90	85	90	85	80	78	75	71	49
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:122.7V I:0.3930A P:48.10W PF:0.9900 Freq:60.00Hz Lamp Flux:6327.45x1 lm		
NAME: 14代4FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:

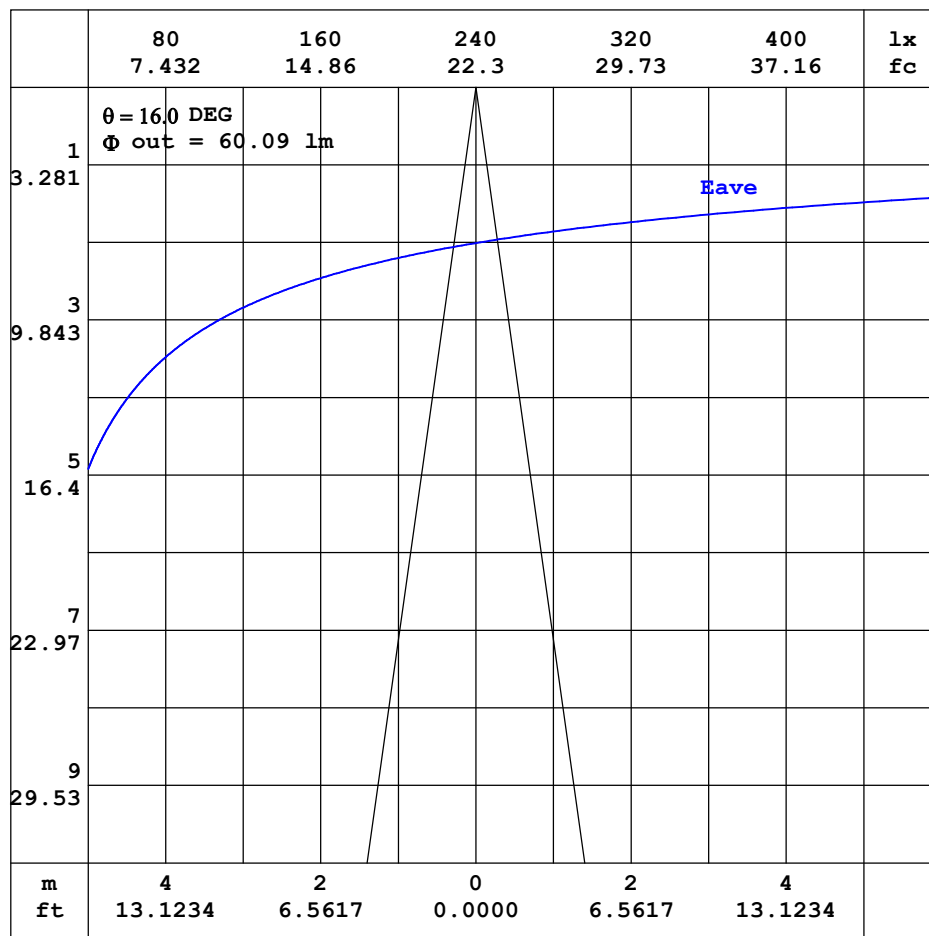


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:122.7V I:0.3930A P:48.10W PF:0.9900 Freq:60.00Hz Lamp Flux:6327.45x1 lm		
NAME: 14代4FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:



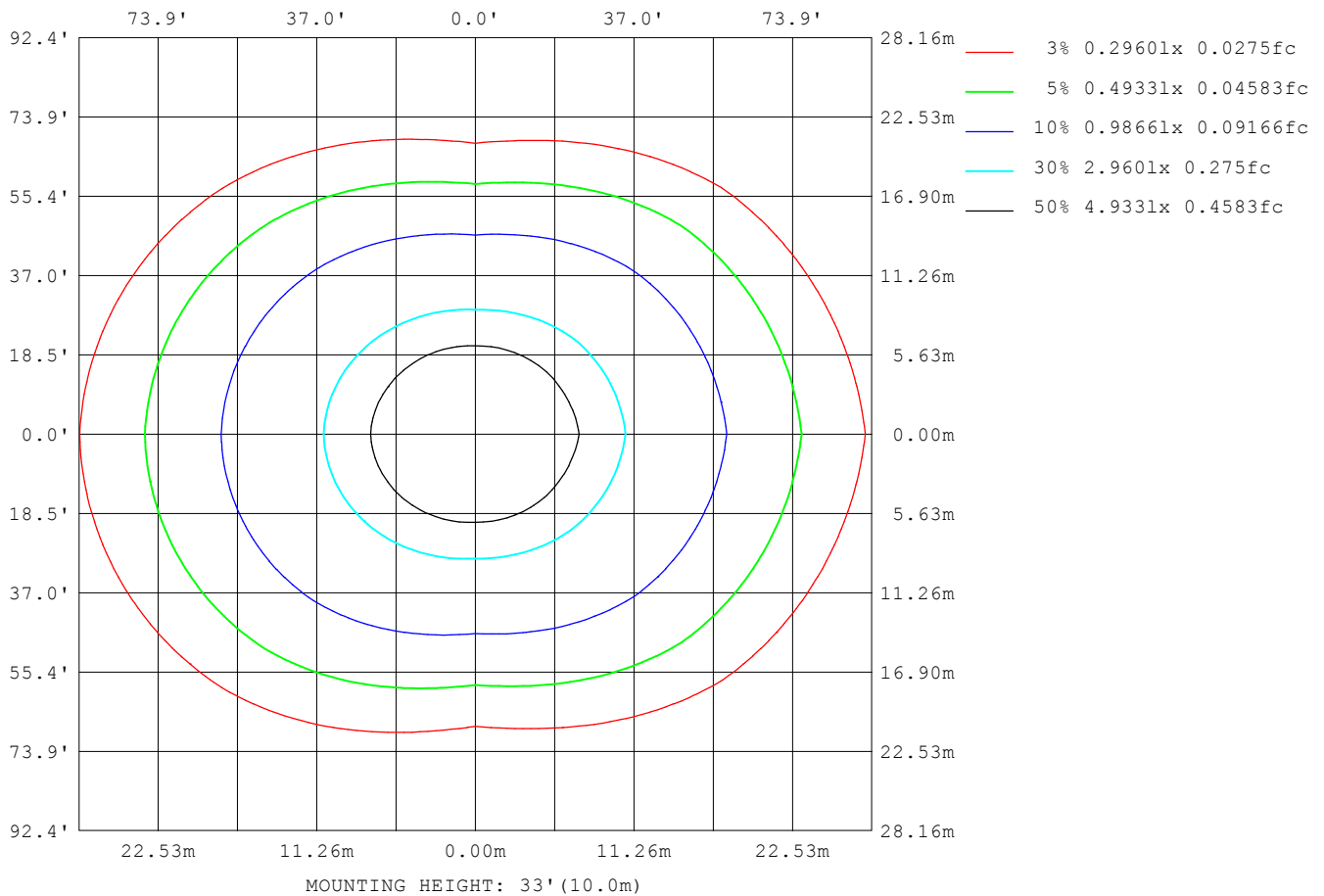
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:122.7V I:0.3930A P:48.10W PF:0.9900 Freq:60.00Hz Lamp Flux:6327.45x1 lm		
NAME: 14代4FT	TYPE:3500K	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:122.7V I:0.3930A P:48.10W PF:0.9900 Freq:60.00Hz Lamp Flux:6327.45x1 lm		
NAME: 14代4FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:

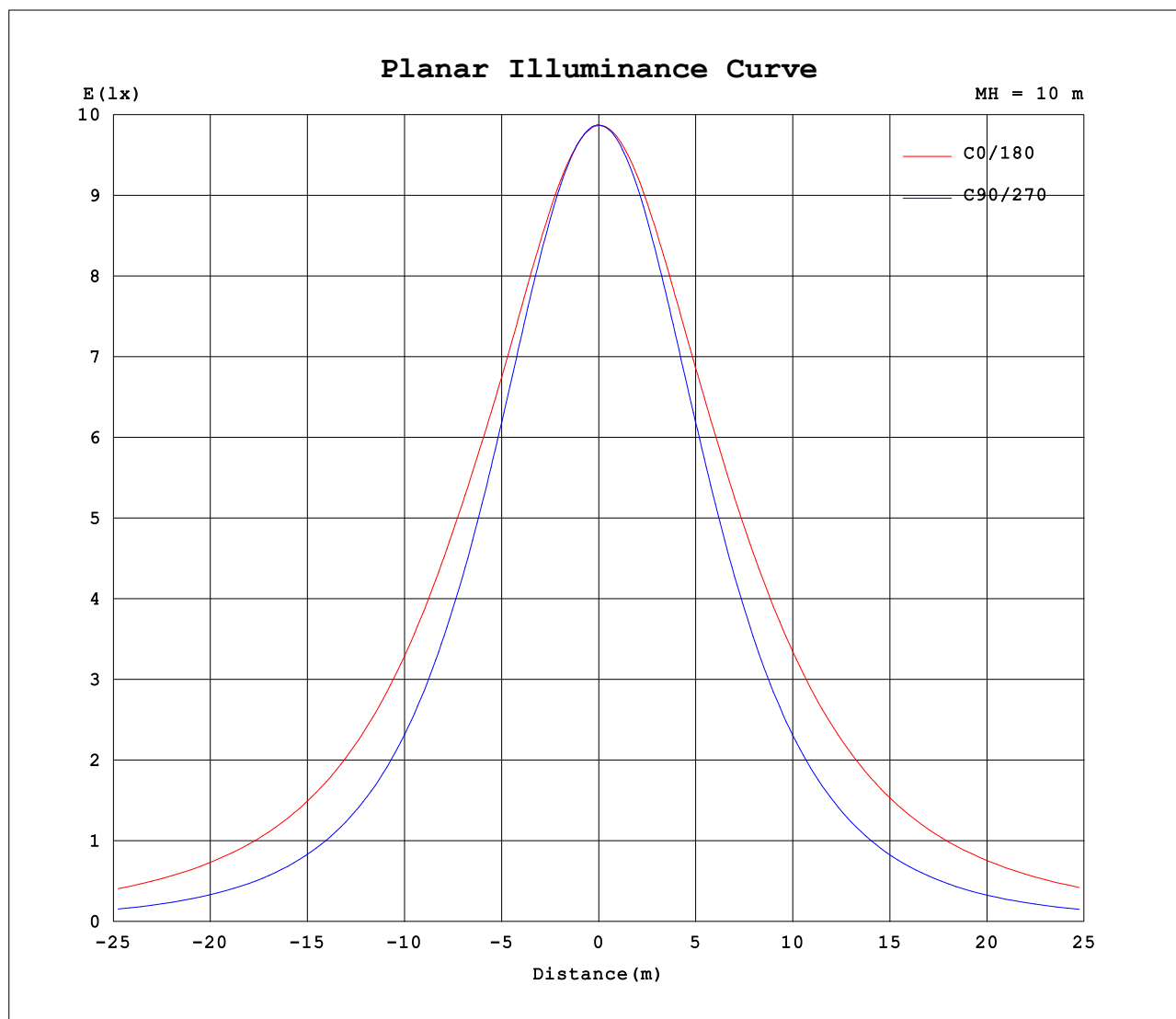
AvgL	cd/m2
L_0~180 (65) av	8115
L_0~180 (75) av	10934
L_0~180 (85) av	9398
L_90~270 (65) av	3418
L_90~270 (75) av	2919
L_90~270 (85) av	1948
L_45 (65) av	6080
L_45 (75) av	7835
L_45 (85) av	8747

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:122.7V I:0.3930A P:48.10W PF:0.9900 Freq:60.00Hz Lamp Flux:6327.45x1 lm		
NAME: 14代4FT	TYPE:3500K	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	987	987	987	987	987	987	988	988	988	988	988	988	988	988	988	988	988	988	988
5	983	983	983	983	983	983	983	983	983	983	983	983	983	983	983	983	983	983	983
10	974	974	973	973	973	972	972	972	972	971	971	971	970	970	970	970	970	970	970
15	963	962	961	960	959	958	957	956	955	954	953	951	951	950	949	948	948	948	948
20	952	949	947	944	941	939	937	934	932	930	928	926	924	922	920	919	918	918	918
25	944	939	934	929	924	919	915	911	907	903	899	894	891	887	884	881	880	879	878
30	943	934	925	917	908	901	893	886	879	873	865	859	852	846	842	838	834	833	832
35	945	932	919	906	894	883	872	861	851	842	831	821	811	802	795	789	784	781	780
40	943	926	911	895	881	866	852	839	826	813	798	784	770	758	747	737	730	724	722
45	931	914	897	881	864	848	832	816	800	785	765	745	727	709	694	680	669	661	656
50	912	895	877	859	841	823	805	787	769	751	726	702	678	656	636	618	604	592	585
55	885	867	848	829	810	790	770	750	730	709	680	651	623	596	572	551	533	519	510
60	850	830	811	790	769	748	727	704	682	659	626	593	561	531	503	478	458	442	431
65	809	788	767	745	722	699	675	651	626	601	564	528	493	459	429	402	379	361	350
70	758	736	713	690	666	641	616	591	564	537	498	459	421	385	352	323	298	279	266
75	677	658	638	616	594	571	547	522	496	469	428	388	348	311	276	245	219	199	185
80	475	474	470	464	456	446	433	418	401	382	347	310	274	238	204	173	147	125	110
85	206	211	215	217	217	215	212	207	201	193	175	156	137	118	99.3	82.5	67.8	55.9	47.4
90	8.43	9.08	9.65	10.1	10.5	10.8	11.0	11.1	11.1	11.0	10.2	9.40	8.59	7.80	7.10	6.51	6.09	5.88	5.92
95	48.3	49.5	50.4	51.2	51.6	51.9	51.8	51.6	51.1	50.3	46.5	42.7	39.0	35.7	33.1	31.2	30.3	30.6	32.4
100	209	207	205	202	198	194	189	184	178	171	158	145	132	119	108	98.1	90.0	84.0	80.7
105	313	312	310	306	302	297	291	283	275	266	249	231	214	197	181	166	154	144	138
110	419	410	400	390	379	368	357	346	334	322	305	287	270	254	239	226	215	207	201
115	469	457	444	432	420	408	396	384	373	361	346	331	317	304	292	281	273	267	263
120	497	487	477	466	456	446	436	427	417	407	394	381	369	358	347	339	331	326	323
125	527	519	510	502	493	485	477	468	460	452	441	430	419	409	401	393	387	382	379
130	561	553	545	538	530	522	515	508	500	493	484	474	466	457	450	444	438	435	433
135	591	583	576	569	562	555	548	541	535	529	521	514	507	500	495	490	486	483	482
140	616	608	601	595	588	582	576	570	565	560	554	549	544	539	535	532	530	528	527
145	634	628	622	616	611	606	602	597	593	589	585	582	578	576	573	571	570	569	569
150	648	644	640	636	633	629	626	623	620	618	615	613	611	609	607	606	606	605	606
155	663	661	658	656	653	651	649	648	646	644	643	641	640	639	638	637	637	637	637
160	678	677	675	673	672	671	669	668	667	666	665	665	664	664	663	663	663	663	664
165	691	690	689	688	687	686	686	685	685	684	684	684	683	683	683	684	684	684	685
170	701	700	700	699	699	698	698	698	698	698	698	698	698	698	698	699	699	699	700
175	708	707	707	707	707	707	707	707	707	707	707	707	707	708	708	708	709	709	709
180	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710

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:122.7V I:0.3930A P:48.10W PF:0.9900 Freq:60.00Hz Lamp Flux:6327.45x1 lm		
NAME: 14代4FT	TYPE:3500K	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	987	987	987	987	987	987	987	987	987	987	987	987	987	987	987	987	987	987	987
5	983	984	984	984	984	985	985	985	986	986	986	986	986	986	986	986	986	986	986
10	971	971	972	973	974	975	976	977	978	979	979	980	980	981	981	981	981	981	981
15	949	951	953	954	956	958	960	962	964	966	968	969	970	971	972	973	974	974	973
20	920	922	925	928	931	935	938	942	945	949	952	955	958	960	962	964	965	966	965
25	881	885	889	894	899	905	911	917	923	929	934	939	944	949	953	956	958	960	957
30	836	841	847	854	862	870	879	888	897	906	915	924	932	939	946	951	955	958	954
35	785	792	800	810	821	832	845	857	870	883	895	908	919	929	939	946	952	956	951
40	729	738	749	762	777	793	809	826	843	860	876	892	907	920	932	941	949	954	948
45	665	677	692	709	728	748	770	792	814	834	854	873	891	907	921	932	941	946	939
50	597	612	631	652	676	701	728	755	782	806	829	850	870	888	903	916	925	931	923
55	524	543	565	591	620	650	682	714	745	772	797	821	843	862	878	892	902	908	899
60	448	469	495	525	558	592	628	665	701	730	758	783	807	827	845	859	869	875	866
65	368	392	421	454	491	529	569	610	650	681	711	739	764	787	805	820	831	837	826
70	286	312	343	379	418	459	502	545	588	622	655	685	712	736	756	772	784	790	779
75	207	235	268	306	347	391	435	480	523	553	580	604	626	644	659	670	678	681	672
80	132	159	192	228	266	306	346	385	422	437	449	458	465	468	469	468	465	460	457
85	61.3	78.4	98.0	119	142	165	187	208	227	229	228	226	222	216	210	202	195	187	187
90	7.68	9.67	11.8	14.1	16.4	18.6	20.8	22.8	24.6	24.6	24.3	23.9	23.3	22.6	22.0	21.3	20.8	20.4	21.9
95	42.3	53.6	65.9	79.1	92.7	107	121	134	147	156	164	170	176	181	186	189	191	192	193
100	92.2	106	122	140	159	179	199	219	238	250	261	271	280	287	293	298	302	304	306
105	148	161	177	195	215	236	258	280	302	319	335	350	364	376	387	396	403	407	406
110	208	219	232	247	264	282	301	321	341	359	377	394	410	425	438	449	458	464	461
115	270	280	292	306	321	337	354	371	388	404	420	435	448	461	472	482	489	494	492
120	330	338	349	361	375	389	404	419	434	448	461	474	486	496	506	514	520	524	522
125	385	393	402	413	424	437	450	463	477	489	502	513	524	534	543	550	556	560	558
130	437	443	451	460	469	480	491	502	513	525	536	547	557	566	574	581	587	591	589
135	485	490	496	502	510	518	527	536	545	555	565	575	585	593	601	608	613	617	615
140	530	533	538	543	548	554	561	568	575	584	592	600	608	616	622	628	633	636	634
145	571	574	577	581	585	590	595	600	605	612	618	624	630	635	640	644	648	650	649
150	607	610	612	615	619	622	626	630	633	638	642	646	650	653	657	659	662	663	663
155	638	640	642	644	647	649	652	655	658	661	663	666	669	671	673	675	676	677	677
160	665	666	667	669	671	672	674	676	678	680	681	683	685	686	688	689	690	690	690
165	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	700	701	701
170	700	701	701	702	702	703	703	704	704	705	705	706	706	706	707	707	707	707	707
175	709	709	710	710	710	710	710	710	711	711	711	711	711	711	711	711	711	711	712
180	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710

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:122.7V I:0.3930A P:48.10W PF:0.9900 Freq:60.00Hz Lamp Flux:6327.45x1 lm		
NAME: 14代4FT	TYPE:3500K	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	987	987	987	987	987	988	988	988	988	988	988	988	988	988	988	988	988	987	987
5	986	986	986	986	986	986	986	986	985	985	985	985	984	984	984	984	983	983	983
10	981	980	980	979	979	978	978	977	976	975	974	974	973	972	971	970	970	969	969
15	972	971	970	969	967	966	964	962	960	958	957	955	953	952	950	949	948	947	947
20	963	961	958	956	952	949	946	942	939	935	932	929	926	923	921	918	917	917	917
25	954	951	946	941	936	930	924	918	913	907	901	896	892	887	883	880	878	878	879
30	949	943	936	928	919	910	901	891	883	874	866	859	852	845	840	836	832	834	836
35	944	936	925	914	902	889	876	863	850	838	827	816	806	797	790	783	779	782	786
40	939	928	915	901	885	868	851	834	817	800	784	769	756	743	733	725	719	723	730
45	929	915	900	883	864	844	823	801	780	759	738	719	701	685	672	661	654	660	670
50	912	897	880	860	839	816	792	767	741	715	689	665	643	623	606	593	583	592	605
55	886	870	851	830	806	781	754	726	695	665	635	606	580	556	536	519	507	518	533
60	852	834	813	790	764	736	706	675	641	606	572	540	510	483	460	441	428	439	456
65	811	791	768	742	713	683	650	616	578	540	503	467	434	404	379	358	344	356	375
70	762	740	715	687	656	622	587	551	510	469	429	391	356	324	297	275	259	273	294
75	659	643	623	600	574	546	516	484	442	400	359	319	282	248	219	195	177	193	215
80	452	446	437	427	415	401	385	367	333	298	262	228	195	165	138	116	98.9	113	133
85	186	186	185	184	182	179	175	170	154	137	120	102	85.7	70.0	55.8	43.7	34.0	39.3	47.2
90	23.6	25.3	26.9	28.5	29.8	30.9	31.6	31.9	29.2	26.1	22.7	19.1	15.4	11.8	8.24	4.96	2.04	1.98	2.33
95	193	192	189	186	181	176	169	161	146	130	114	98.3	82.4	67.0	52.6	39.4	27.9	27.0	27.9
100	306	304	302	297	291	284	274	263	242	219	196	172	150	128	108	90.5	75.9	79.5	86.2
105	402	397	389	380	368	355	341	325	301	276	251	227	203	182	163	146	133	141	152
110	455	447	437	425	411	395	379	361	340	318	296	274	254	236	220	206	196	201	210
115	487	480	471	460	449	435	421	406	387	367	348	329	311	295	280	268	258	262	268
120	518	512	505	496	486	474	462	449	432	415	398	382	366	352	339	328	319	322	328
125	554	548	541	533	523	513	501	489	474	460	445	430	417	404	393	383	376	378	383
130	584	579	572	564	555	545	535	524	512	499	487	475	463	453	444	436	430	432	435
135	611	605	599	591	583	574	564	555	545	535	525	515	507	498	491	485	481	482	484
140	631	626	620	614	607	600	592	584	576	568	561	554	547	541	536	531	528	528	529
145	647	643	639	635	630	624	619	613	607	601	595	590	584	580	575	572	569	568	569
150	661	659	657	654	651	647	644	640	635	631	626	622	618	614	611	608	605	605	605
155	676	675	674	672	670	668	666	663	660	657	653	650	647	644	642	639	637	637	637
160	690	689	688	687	686	685	683	682	680	678	676	673	671	669	668	666	664	664	664
165	701	700	700	699	699	698	697	696	695	694	692	691	690	688	687	686	685	685	685
170	708	707	707	707	707	707	706	706	705	705	704	703	703	702	701	701	700	700	700
175	712	712	712	712	712	712	712	712	711	711	711	711	710	710	710	709	709	709	709
180	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710

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:122.7V I:0.3930A P:48.10W PF:0.9900 Freq:60.00Hz Lamp Flux:6327.45x1 lm		
NAME: 14代4FT	TYPE:3500K	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	987	987	987	987	987	987	987	987	987	987	987	987	987	987	987				
5	982	982	982	981	981	981	981	981	981	981	981	981	981	982	982				
10	969	968	968	968	968	969	969	969	969	970	970	971	972	973	973				
15	947	947	948	948	949	950	951	952	953	954	955	957	958	960	962				
20	918	919	920	922	924	926	928	930	933	935	937	940	943	946	949				
25	881	884	887	890	894	898	902	906	910	914	919	923	928	933	938				
30	839	843	848	854	861	867	875	881	888	895	902	910	918	926	934				
35	791	798	807	816	826	837	848	858	868	878	888	899	910	921	933				
40	739	750	763	777	792	807	823	836	849	862	875	888	901	915	929				
45	683	698	715	734	754	774	795	810	826	841	856	871	887	902	917				
50	621	640	661	684	709	734	759	777	795	813	830	847	864	880	896				
55	552	575	600	627	656	685	715	736	756	776	795	814	832	850	868				
60	478	503	532	562	595	628	661	684	707	729	750	771	792	812	831				
65	399	426	457	491	527	563	600	625	650	675	698	722	744	767	788				
70	319	349	383	419	457	497	536	563	590	616	641	666	690	713	736				
75	243	275	310	349	389	430	471	498	524	550	574	596	618	639	659				
80	158	186	217	250	284	319	352	372	391	408	423	437	449	459	468				
85	57.3	69.2	82.5	96.9	112	127	142	152	160	169	176	183	190	196	201				
90	2.73	3.32	4.32	5.47	6.70	7.96	9.19	9.49	9.70	9.81	9.82	9.74	9.56	9.28	8.90				
95	30.2	33.6	38.0	43.0	48.3	53.6	58.7	59.6	60.0	59.8	59.2	58.0	56.3	54.2	51.5				
100	95.5	107	120	134	148	163	178	185	191	196	200	204	206	208	209				
105	166	183	201	220	240	259	278	287	295	302	307	311	313	315	315				
110	221	235	251	268	286	304	323	335	347	358	369	380	390	400	410				
115	277	288	301	315	330	345	362	373	385	397	409	421	433	445	457				
120	335	345	356	368	381	394	408	418	428	438	448	458	468	477	487				
125	389	397	407	417	428	440	451	460	468	477	485	493	502	510	519				
130	440	447	454	463	472	481	491	499	506	514	521	529	537	545	553				
135	488	492	498	504	511	519	527	533	539	546	553	560	567	575	583				
140	531	534	538	542	547	553	559	564	569	575	581	587	594	601	608				
145	571	573	575	578	582	586	590	594	598	602	607	612	617	622	628				
150	606	608	609	612	614	617	620	622	625	628	631	634	637	641	645				
155	638	639	640	641	643	644	646	648	649	651	653	655	657	659	661				
160	664	665	665	666	667	667	669	669	670	671	672	673	674	676	677				
165	685	685	685	685	685	686	686	686	687	687	688	688	689	690	690				
170	699	699	699	699	699	699	699	699	699	700	700	700	700	700	701				
175	709	708	708	708	708	708	708	708	708	708	708	708	708	708	708				
180	710	710	710	710	710	710	710	710	710	710	710	710	710	710	710				

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: