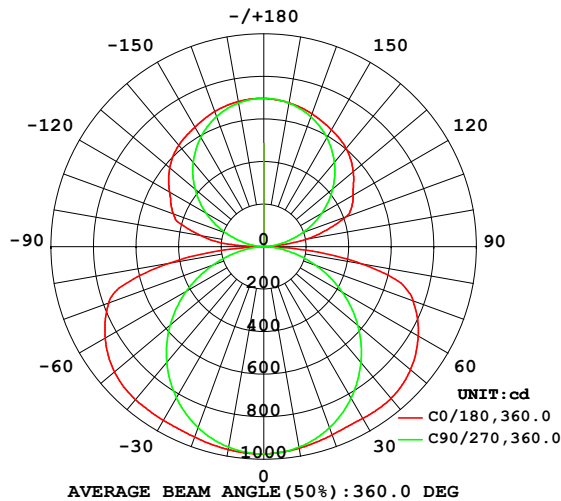


LUMINAIRE PHOTOMETRIC TEST REPORT

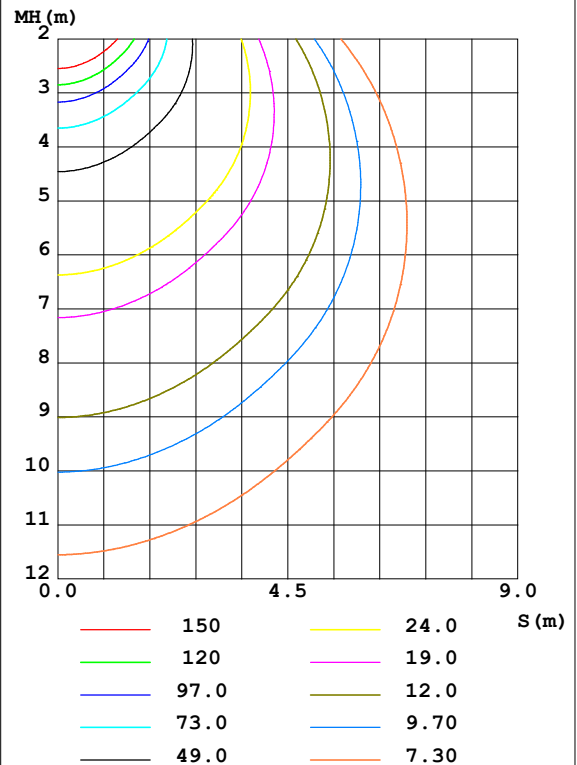
Test:U:123.0V I:0.4040A P:49.60W PF:0.9900 Freq:60.00Hz Lamp Flux:6216.2x1 lm		
NAME: 14代4FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 125.33 lm/W			
MODEL		Imax(cd)	974.8	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)	6216.2	η UP,DN(C0-180)	19.8,30.4
NOMINAL FLUX(lm)	6216.2	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	20.0,29.9
LAMPS INSIDE	1	η up(%)	39.7	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120.0	η down(%)	60.3	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:

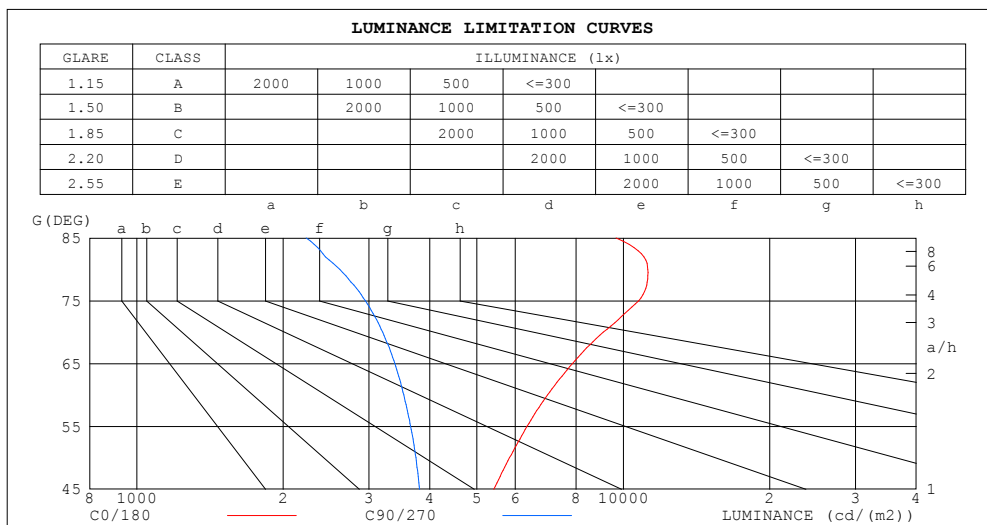
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	962.3	958.4	957.1	964.2	968.5	963.3	957.0	955.6	0- 10	92.33	92.33	1.49,1.49
20	941.5	917.9	905.5	931.3	952.6	928.5	904.8	915.7	10- 20	267.0	359.4	5.78,5.78
30	932.3	861.5	821.6	882.8	943.5	877.4	821.1	862.9	20- 30	415.6	775.0	12.5,12.5
40	931.1	802.7	711.3	829.1	938.7	820.3	709.2	812.0	30- 40	530.5	1305	21,21
50	900.8	740.9	578.0	768.6	916.4	754.4	575.1	747.6	40- 50	605.1	1911	30.7,30.7
60	838.5	649.8	424.6	688.4	860.8	663.6	421.4	650.4	50- 60	625.2	2536	40.8,40.8
70	746.6	529.4	262.9	577.3	775.9	540.2	255.3	525.9	60- 70	581.0	3117	50.1,50.1
80	467.9	376.6	108.9	414.5	451.8	359.4	97.20	345.0	70- 80	465.1	3582	57.6,57.6
90	8.298	10.84	5.922	23.97	19.57	31.05	1.839	8.581	80- 90	164.5	3746	60.3,60.3
100	203.8	168.3	79.00	233.5	298.4	255.7	74.51	172.9	90-100	100.3	3847	61.9,61.9
110	410.7	315.9	196.7	333.5	452.7	352.6	191.5	315.6	100-110	274.4	4121	66.3,66.3
120	485.4	399.0	316.4	425.1	511.8	438.2	311.9	400.2	110-120	361.3	4482	72.1,72.1
130	549.5	483.3	423.9	502.7	577.5	512.7	422.1	481.7	120-130	404.8	4887	78.6,78.6
140	602.9	549.1	516.6	563.2	622.2	571.4	516.8	547.9	130-140	407.9	5295	85.2,85.2
150	635.5	605.8	593.2	620.5	648.7	626.9	593.2	608.0	140-150	369.1	5664	91.1,91.1
160	664.8	653.1	649.9	664.2	675.8	668.0	650.9	655.5	150-160	295.2	5959	95.9,95.9
170	686.5	683.8	685.4	690.0	692.7	692.0	685.8	685.6	160-170	191.0	6150	98.9,98.9
180	695.5	695.5	695.5	695.5	695.5	695.5	695.5	695.5	170-180	66.10	6216	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:123.0V I:0.4040A P:49.60W PF:0.9900 Freq:60.00Hz Lamp Flux:6216.2x1 lm		
NAME: 14代4FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:



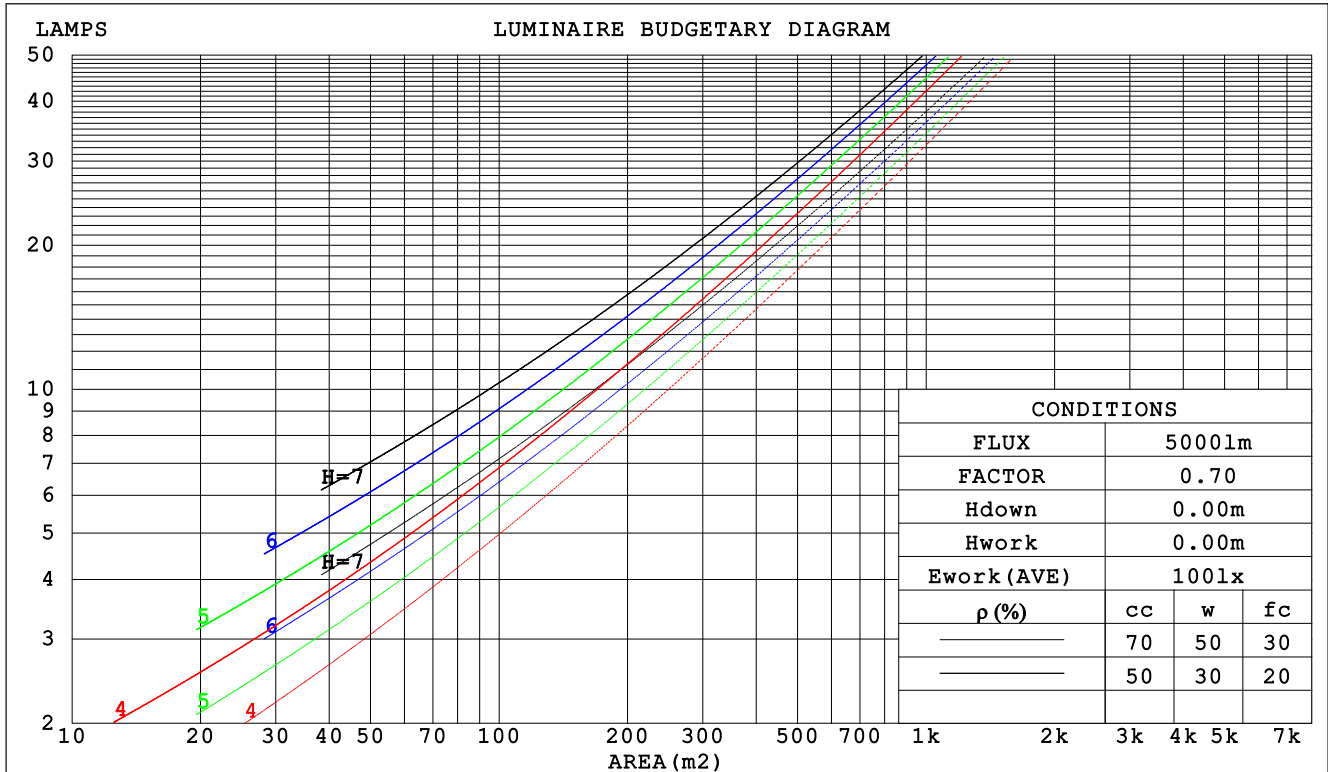
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:123.0V I:0.4040A P:49.60W PF:0.9900 Freq:60.00Hz Lamp Flux:6216.2x1 lm		
NAME: 14代4FT	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	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
0.0	1.10	1.10	1.10	1.02	1.02	1.02	.89	.89	.89	.77	.77	.77	.66	.66	.66	.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	.45	.42	.38
3.0	.70	.61	.55	.65	.58	.52	.56	.51	.46	.48	.44	.40	.41	.38	.35	.31
4.0	.61	.52	.46	.57	.49	.43	.50	.43	.38	.43	.38	.34	.36	.32	.29	.26
5.0	.54	.45	.39	.51	.43	.37	.44	.37	.33	.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	.36	.29	.24	.31	.26	.22	.26	.22	.19	.16
8.0	.39	.31	.25	.37	.29	.24	.32	.26	.22	.28	.23	.19	.24	.20	.17	.14
9.0	.36	.28	.22	.34	.26	.21	.30	.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:123.0V I:0.4040A P:49.60W PF:0.9900 Freq:60.00Hz Lamp Flux:6216.2x1 lm					
NAME: 14代4FT			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	.328	.186	.059	.309	.176	.056	.273	.157	.050	.240	.138	.044	.210	.121	.039		
2.0	.298	.163	.050	.281	.155	.048	.248	.138	.043	.218	.122	.038	.190	.108	.034		
3.0	.271	.144	.043	.255	.137	.041	.225	.122	.037	.198	.108	.033	.172	.095	.029		
4.0	.247	.128	.038	.233	.122	.036	.205	.109	.033	.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	.174	.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	.084	.024	.150	.075	.021	.131	.066	.019	.114	.058	.017		
9.0	.168	.081	.023	.159	.077	.022	.140	.069	.020	.123	.062	.018	.106	.054	.016		
10.0	.158	.076	.021	.149	.072	.020	.132	.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	.493	.493	.493	.422	.422	.422	.288	.288	.288	.165	.165	.165	.053	.053	.053	
1.0	.487	.461	.438	.417	.396	.377	.285	.272	.261	.164	.158	.152	.053	.051	.049	
2.0	.480	.439	.405	.411	.378	.350	.282	.262	.244	.163	.152	.143	.052	.049	.047	
3.0	.474	.423	.383	.406	.365	.332	.279	.254	.233	.161	.148	.137	.052	.048	.045	
4.0	.467	.411	.369	.400	.355	.320	.275	.248	.226	.159	.145	.134	.051	.047	.044	
5.0	.460	.402	.359	.395	.348	.312	.272	.243	.221	.158	.143	.131	.051	.047	.043	
6.0	.453	.394	.352	.389	.341	.307	.269	.239	.217	.156	.141	.129	.050	.046	.043	
7.0	.446	.388	.347	.384	.336	.302	.265	.236	.214	.154	.139	.128	.050	.045	.042	
8.0	.440	.383	.343	.379	.332	.299	.262	.233	.212	.153	.137	.126	.049	.045	.042	
9.0	.435	.378	.340	.374	.328	.297	.259	.231	.211	.151	.136	.126	.049	.045	.042	
10.0	.429	.374	.338	.370	.325	.295	.257	.229	.209	.150	.135	.125	.049	.044	.041	

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:123.0V I:0.4040A P:49.60W PF:0.9900 Freq:60.00Hz Lamp Flux:6216.2x1 lm										
NAME: 14代4FT					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	17.4	18.5	18.2	19.3	20.2	14.7	15.8	15.5	16.6	17.5
3H	20.2	21.2	21.0	22.0	23.0	16.1	17.1	16.9	17.9	18.9
4H	21.6	22.6	22.4	23.4	24.4	16.7	17.6	17.5	18.4	19.4
6H	22.8	23.7	23.7	24.6	25.6	17.1	17.9	17.9	18.8	19.8
8H	23.3	24.1	24.1	24.9	26.0	17.2	18.0	18.0	18.8	19.9
12H	23.5	24.3	24.3	25.2	26.2	17.2	18.0	18.0	18.8	19.9
4H 2H	17.9	18.8	18.7	19.6	20.6	16.0	16.9	16.8	17.7	18.7
3H	20.8	21.6	21.7	22.5	23.5	17.6	18.4	18.5	19.3	20.3
4H	22.4	23.2	23.3	24.0	25.1	18.3	19.1	19.2	19.9	21.0
6H	23.9	24.5	24.7	25.4	26.5	18.9	19.5	19.7	20.4	21.5
8H	24.4	25.0	25.3	25.9	27.0	19.0	19.6	19.9	20.5	21.6
12H	24.7	25.2	25.6	26.1	27.3	19.1	19.6	20.0	20.5	21.7
8H 4H	22.7	23.3	23.6	24.2	25.3	19.4	20.0	20.3	20.9	22.0
6H	24.3	24.8	25.2	25.7	26.9	20.3	20.8	21.2	21.7	22.8
8H	25.0	25.4	25.9	26.3	27.5	20.5	21.0	21.5	21.9	23.1
12H	25.4	25.8	26.4	26.7	27.9	20.7	21.1	21.6	22.0	23.2
12H 4H	22.7	23.2	23.6	24.1	25.2	19.7	20.2	20.6	21.1	22.3
6H	24.4	24.8	25.3	25.7	26.9	20.7	21.1	21.6	22.1	23.2
8H	25.1	25.5	26.0	26.4	27.6	21.1	21.5	22.0	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 6216 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.3)

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:123.0V I:0.4040A P:49.60W PF:0.9900 Freq:60.00Hz Lamp Flux:6216.2x1 lm		
NAME: 14代4FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:

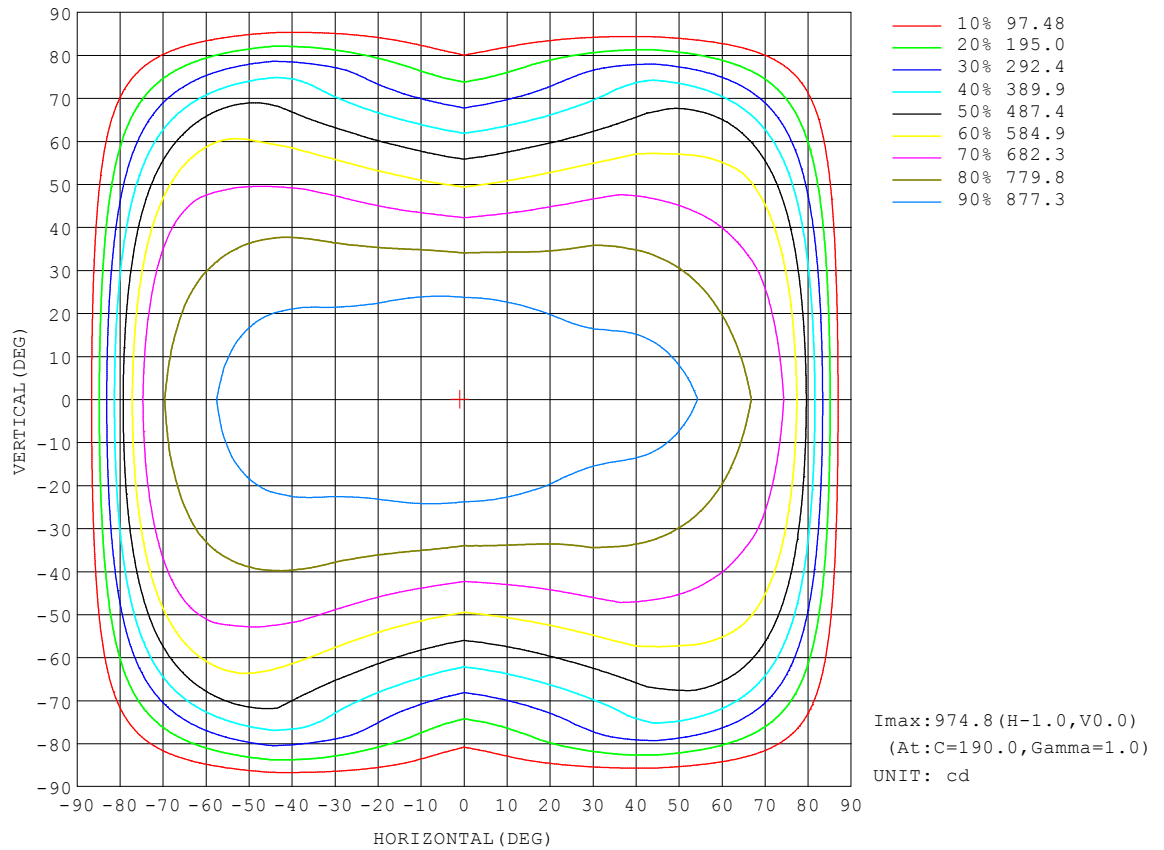
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	43	32	25	41	30	24	38	28	23	15
0.80	53	40	33	50	39	31	45	35	29	20
1.00	60	48	40	57	46	39	51	44	36	24
1.25	67	55	47	64	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	79	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:123.0V I:0.4040A P:49.60W PF:0.9900 Freq:60.00Hz Lamp Flux:6216.2x1 lm		
NAME: 14代4FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:

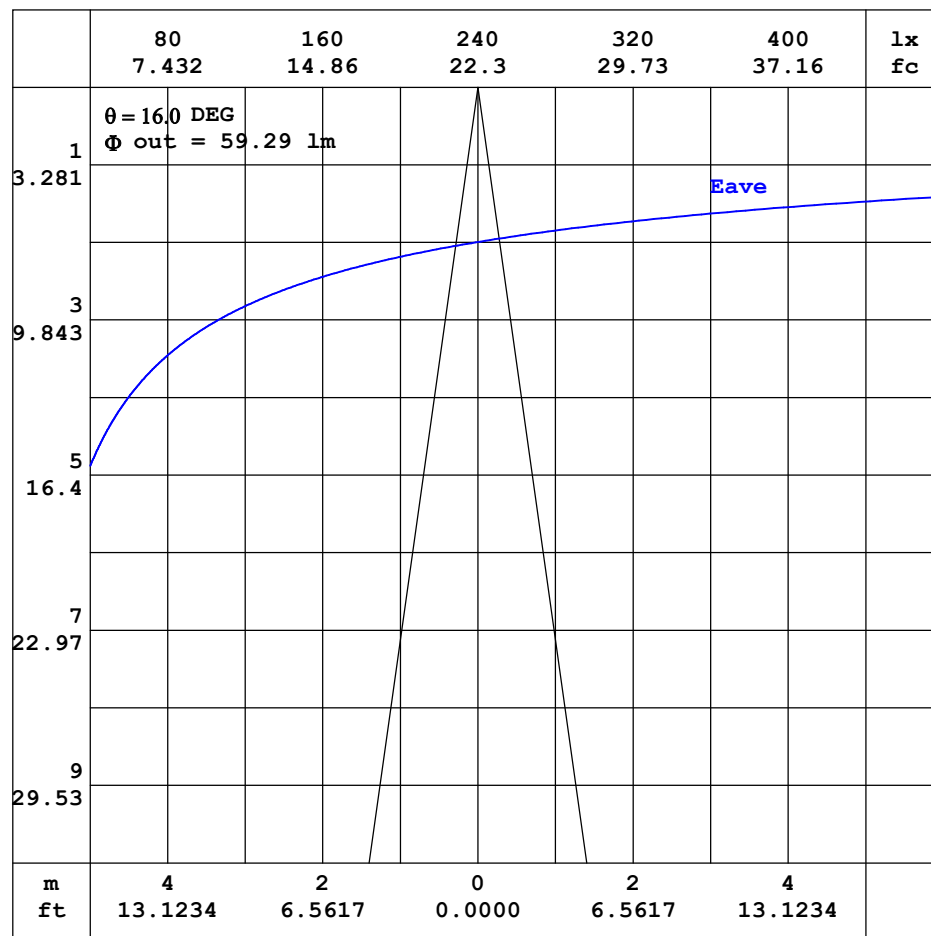


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:123.0V I:0.4040A P:49.60W PF:0.9900 Freq:60.00Hz Lamp Flux:6216.2x1 lm		
NAME: 14代4FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:



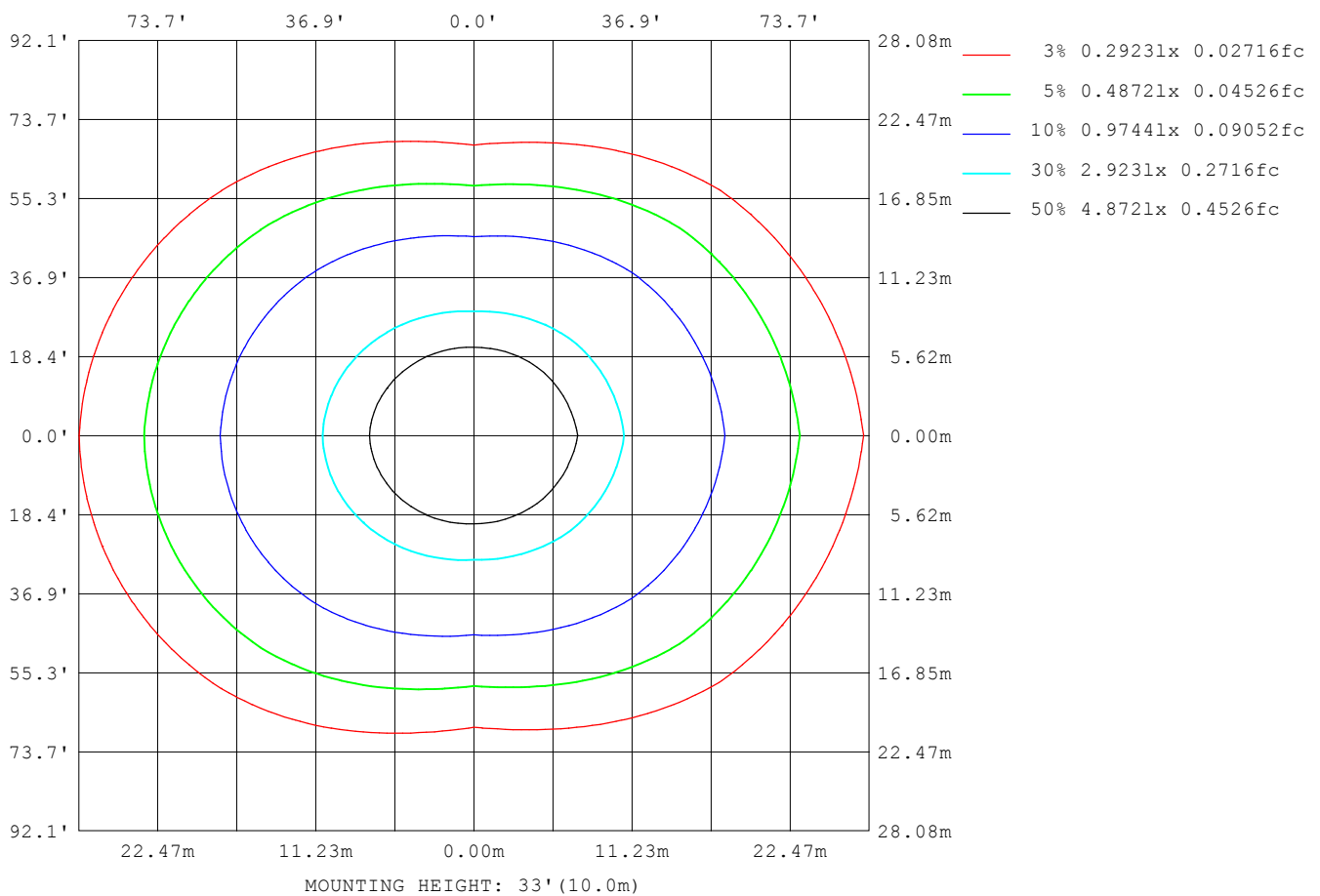
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:123.0V I:0.4040A P:49.60W PF:0.9900 Freq:60.00Hz Lamp Flux:6216.2x1 lm		
NAME: 14代4FT	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:123.0V I:0.4040A P:49.60W PF:0.9900 Freq:60.00Hz Lamp Flux:6216.2x1 lm		
NAME: 14代4FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.2*0.2	Shielding Angle:

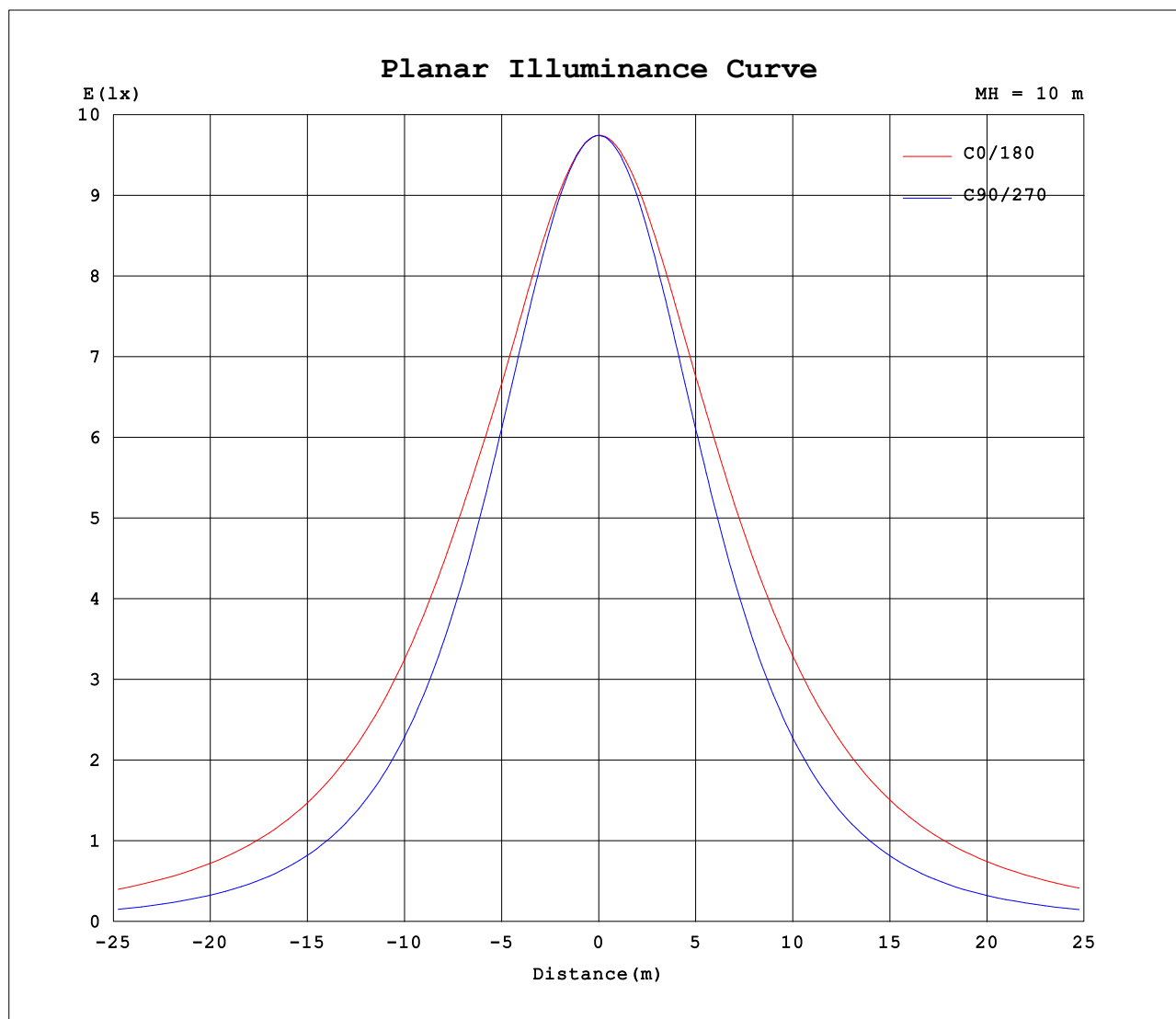
AvgL	cd/m2
L_0~180 (65) av	7985
L_0~180 (75) av	10768
L_0~180 (85) av	9265
L_90~270 (65) av	3365
L_90~270 (75) av	2880
L_90~270 (85) av	1918
L_45 (65) av	5978
L_45 (75) av	7693
L_45 (85) av	8554

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:123.0V I:0.4040A P:49.60W PF:0.9900 Freq:60.00Hz Lamp Flux:6216.2x1 lm		
NAME: 14代4FT	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	974	974	974	974	974	974	974	974	974	974	974	974	974	974	974	974	974	974	974
5	970	970	970	970	970	970	969	969	969	969	969	969	969	970	970	970	970	970	970
10	962	962	961	961	960	960	959	959	959	958	958	958	957	957	957	957	957	957	957
15	952	950	949	948	946	945	944	943	942	941	940	939	938	937	936	936	936	936	936
20	941	938	935	932	930	927	925	922	920	918	916	913	911	909	908	907	906	905	905
25	933	927	922	917	912	907	903	899	895	891	887	883	879	876	873	870	869	868	867
30	932	923	914	905	897	889	882	875	868	861	854	847	841	836	831	827	824	822	822
35	934	921	908	895	883	872	861	851	841	831	820	810	801	792	785	778	774	771	769
40	931	915	899	884	869	855	841	828	815	803	788	773	760	747	736	727	720	714	711
45	920	903	886	869	853	837	821	805	790	775	755	735	717	700	685	672	661	652	647
50	901	883	866	848	830	812	795	777	759	741	716	692	669	648	628	611	596	585	578
55	873	855	837	818	799	779	760	740	720	699	670	642	614	588	564	543	526	512	503
60	839	819	800	780	759	738	717	695	673	650	617	584	553	523	496	471	451	435	425
65	797	777	756	734	712	689	666	642	618	593	557	521	486	453	423	396	373	356	344
70	747	725	703	680	656	632	607	582	556	529	491	452	415	380	347	318	294	275	263
75	668	649	629	608	586	563	539	514	489	462	422	383	344	307	273	242	217	197	183
80	468	467	463	457	449	439	427	412	395	377	342	306	270	235	202	171	145	124	109
85	202	207	209	211	210	209	205	200	194	186	169	150	132	113	95.8	79.8	65.8	54.6	46.7
90	8.30	8.95	9.51	9.98	10.4	10.6	10.8	10.9	10.9	10.8	10.1	9.32	8.53	7.77	7.08	6.51	6.10	5.89	5.92
95	47.3	48.5	49.4	50.2	50.6	50.9	50.9	50.6	50.1	49.4	45.7	41.9	38.3	35.2	32.5	30.7	29.9	30.2	32.0
100	204	203	201	198	195	191	186	181	175	168	156	143	130	118	106	96.4	88.3	82.3	79.0
105	307	306	303	300	296	291	285	278	269	260	244	227	209	193	177	163	151	141	135
110	411	401	392	382	372	361	350	339	328	316	299	282	265	249	235	222	211	202	197
115	458	446	434	423	411	399	388	376	365	354	339	324	311	298	286	276	268	261	258
120	485	476	466	456	447	437	427	418	408	399	386	374	362	351	341	332	325	320	316
125	515	507	499	491	483	475	467	459	451	443	432	421	411	401	393	385	379	375	372
130	549	542	534	527	519	512	505	497	490	483	474	465	456	448	441	435	430	426	424
135	579	571	564	557	550	544	537	531	525	519	511	504	497	491	485	480	476	474	472
140	603	596	589	583	576	570	565	559	554	549	543	538	533	529	525	522	519	517	517
145	621	615	610	604	599	594	590	586	582	578	574	570	567	564	562	560	559	558	558
150	635	631	627	624	620	617	614	611	608	606	603	601	599	597	595	594	593	593	593
155	650	647	645	643	640	638	636	635	633	631	630	628	627	626	625	624	624	624	624
160	665	663	661	660	659	657	656	655	654	653	652	651	651	650	650	649	649	650	650
165	677	676	675	674	673	673	672	672	671	671	670	670	670	670	670	670	670	670	670
170	686	686	686	685	685	684	684	684	684	684	684	684	684	684	684	684	685	685	685
175	693	693	693	693	693	693	693	693	693	693	693	693	693	693	694	694	694	694	695
180	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696

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:123.0V I:0.4040A P:49.60W PF:0.9900 Freq:60.00Hz Lamp Flux:6216.2x1 lm		
NAME: 14代4FT	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	974	974	974	974	974	973	973	973	973	973	973	973	974	974	974	974	974	974	974
5	970	970	971	971	971	971	971	972	972	972	972	972	973	973	973	973	973	974	973
10	958	958	959	960	961	962	962	963	964	965	966	966	967	967	968	968	968	968	968
15	937	938	940	941	943	945	947	949	950	952	954	955	957	958	959	960	960	961	960
20	907	909	912	915	918	921	924	928	931	935	938	941	944	946	949	950	952	953	951
25	870	873	877	882	887	892	897	903	909	914	920	925	930	935	939	942	944	946	944
30	825	830	836	842	850	857	866	874	883	892	901	909	917	925	931	937	941	943	940
35	774	781	789	798	809	820	832	844	856	869	881	893	905	915	924	931	937	941	936
40	718	727	738	751	765	780	796	812	829	846	862	877	892	905	917	926	934	939	933
45	656	668	682	698	717	736	757	778	800	820	840	859	876	892	906	917	926	931	924
50	589	604	622	643	666	690	716	742	769	792	815	836	855	873	888	901	910	916	908
55	517	535	557	582	609	639	670	701	732	758	783	807	828	847	864	877	887	893	884
60	440	461	487	516	548	582	617	653	688	717	744	770	793	813	831	845	855	861	851
65	362	385	414	446	482	520	559	599	638	669	699	726	751	773	791	806	817	823	812
70	282	307	338	372	410	451	493	535	577	611	643	672	699	722	742	758	769	776	764
75	204	231	264	301	341	384	427	471	513	542	569	593	615	633	648	659	666	670	661
80	130	157	189	224	262	301	340	378	415	429	441	450	456	459	461	460	457	452	449
85	60.3	77.2	96.5	118	140	162	184	204	223	225	225	223	219	214	207	200	193	185	185
90	7.62	9.55	11.6	13.8	16.0	18.2	20.3	22.2	24.0	23.9	23.6	23.1	22.5	21.8	21.2	20.5	20.0	19.6	21.1
95	41.8	52.9	65.1	78.0	91.5	105	119	132	145	153	161	167	173	178	182	185	187	188	188
100	90.2	104	120	137	156	176	195	215	234	246	256	266	275	282	288	293	296	298	300
105	145	158	173	191	210	231	252	273	295	311	327	342	355	367	378	386	393	398	396
110	204	215	227	242	259	276	295	314	334	351	369	385	401	415	427	438	447	453	449
115	265	274	286	299	314	330	346	363	380	395	410	425	438	450	461	470	477	482	480
120	323	332	342	354	367	381	395	410	425	438	451	463	475	485	494	502	508	512	510
125	378	385	394	404	416	428	441	454	467	479	491	502	512	522	530	537	543	547	544
130	428	434	442	450	460	470	481	492	503	514	524	535	545	553	561	568	574	577	575
135	476	480	486	492	499	507	516	525	534	544	553	563	572	580	588	594	600	603	601
140	519	523	527	532	537	543	549	556	563	571	580	588	595	602	609	614	619	622	620
145	560	562	566	569	574	578	583	588	593	599	605	611	617	622	626	630	634	636	635
150	595	597	600	603	606	609	613	617	621	625	629	632	636	639	642	645	647	649	648
155	625	627	629	631	634	636	639	642	644	647	650	652	655	657	659	660	662	663	662
160	651	652	654	655	657	659	661	662	664	666	668	669	671	672	673	674	675	676	676
165	671	672	673	674	675	676	677	678	679	680	681	682	683	684	684	685	685	686	686
170	686	686	687	687	688	688	689	690	690	690	691	691	692	692	692	692	693	693	693
175	695	695	695	695	696	696	696	696	696	696	697	697	697	697	697	697	697	697	697
180	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696

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:123.0V I:0.4040A P:49.60W PF:0.9900 Freq:60.00Hz Lamp Flux:6216.2x1 lm		
NAME: 14代4FT	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	974	974	974	974	974	974	974	974	974	974	974	974	974	974	974	974	974	974	974
5	973	973	973	973	973	972	972	972	972	971	971	971	971	971	970	970	970	969	969
10	968	967	967	966	966	965	964	963	963	962	961	960	960	959	958	958	957	957	956
15	959	958	957	955	954	952	950	948	947	945	943	942	940	939	937	936	935	935	935
20	950	947	945	942	939	935	932	928	925	922	919	916	913	910	908	906	905	905	905
25	941	937	932	927	922	916	910	904	899	894	888	884	879	875	871	868	866	867	868
30	935	929	922	914	905	896	887	877	869	861	853	846	839	833	828	824	821	822	824
35	929	921	911	900	888	875	862	849	837	826	815	804	794	786	779	773	769	771	775
40	924	913	900	886	871	854	837	820	804	788	772	758	744	733	723	715	709	714	720
45	914	901	885	868	850	830	809	788	767	746	727	708	690	675	662	652	645	651	661
50	897	882	865	846	825	802	779	754	729	703	678	655	633	614	598	584	575	584	596
55	872	856	837	816	793	767	741	714	684	653	624	596	570	547	527	511	500	510	525
60	838	820	799	776	750	723	694	664	629	595	562	531	502	475	453	434	421	433	450
65	797	777	755	729	701	670	638	605	568	530	494	459	427	398	373	353	338	351	369
70	748	727	702	674	643	610	576	540	500	460	421	384	349	318	292	271	255	269	289
75	648	631	611	589	563	535	505	474	433	392	352	313	276	243	215	191	174	190	211
80	444	437	429	419	407	393	377	359	326	292	257	223	191	162	135	114	97.2	111	131
85	185	184	183	182	180	177	173	168	152	135	118	101	84.7	69.2	55.2	43.2	33.6	38.6	46.2
90	22.7	24.4	26.1	27.6	29.0	30.0	30.8	31.1	28.4	25.4	22.0	18.5	14.9	11.4	7.92	4.71	1.84	1.73	2.04
95	188	187	185	181	177	171	165	157	142	127	112	95.8	80.2	65.2	51.0	38.2	26.9	26.1	26.9
100	299	298	295	290	284	276	267	256	235	213	190	167	145	124	105	88.5	74.5	78.0	84.4
105	393	387	380	370	359	346	332	316	293	269	245	221	199	178	159	143	131	138	149
110	444	436	426	414	401	386	370	353	331	310	289	268	248	231	215	202	191	197	205
115	475	468	459	449	437	425	411	396	377	358	339	321	304	288	274	262	253	256	262
120	506	500	492	484	474	463	451	438	422	405	389	373	357	343	331	320	312	315	321
125	541	535	528	520	511	501	490	478	464	450	435	421	408	396	385	376	369	371	376
130	571	566	559	551	543	533	523	513	501	489	477	465	454	444	435	428	422	424	427
135	597	592	585	578	570	561	552	543	533	523	514	505	496	489	482	476	472	473	475
140	617	612	607	601	594	587	579	571	564	556	549	542	536	530	525	520	517	517	518
145	633	629	626	621	617	611	606	600	594	589	583	578	572	568	563	560	557	557	558
150	647	645	643	640	637	634	631	627	623	618	614	610	606	602	599	596	593	593	594
155	662	661	659	658	656	654	652	649	646	643	640	637	634	631	629	627	625	625	625
160	675	675	674	673	672	671	670	668	666	664	662	660	658	656	654	652	651	651	651
165	686	686	685	685	684	684	683	682	681	680	678	677	676	674	673	672	671	671	671
170	693	693	693	693	693	693	692	692	691	691	690	689	689	688	687	686	686	686	685
175	697	697	697	697	697	697	698	697	697	697	697	697	696	696	696	695	695	694	694
180	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696

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:123.0V I:0.4040A P:49.60W PF:0.9900 Freq:60.00Hz Lamp Flux:6216.2x1 lm		
NAME: 14代4FT	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	974	974	974	973	973	973	973	973	973	973	973	973	974	974	974				
5	969	968	968	968	968	967	967	967	968	968	968	968	969	969	970				
10	956	956	955	955	955	955	956	956	956	957	958	958	959	960	961				
15	935	935	935	936	936	937	938	939	940	941	943	944	946	948	950				
20	906	907	908	909	911	913	916	918	920	923	925	928	931	934	938				
25	870	872	875	878	882	886	890	894	898	902	907	912	917	922	927				
30	828	832	837	842	849	856	863	869	876	883	890	898	906	914	923				
35	781	788	796	805	815	826	837	846	856	866	876	887	898	910	922				
40	729	740	753	766	781	796	812	824	837	850	863	876	890	903	917				
45	674	688	705	723	743	763	784	799	814	829	844	860	875	890	905				
50	612	630	651	674	698	723	748	766	783	801	818	835	852	868	885				
55	544	566	591	618	646	675	704	725	745	764	784	802	821	839	856				
60	471	495	523	553	585	618	650	673	696	718	739	760	780	800	820				
65	392	419	450	483	518	553	589	615	639	663	687	710	733	755	776				
70	314	343	376	411	449	487	526	553	579	605	630	655	679	702	725				
75	238	270	305	342	382	422	462	489	515	540	564	587	609	629	649				
80	154	182	213	245	278	312	345	365	383	400	415	429	441	451	460				
85	56.0	67.6	80.6	94.7	109	124	139	148	157	165	172	179	186	192	197				
90	2.39	2.95	3.90	4.99	6.18	7.39	8.58	8.90	9.13	9.27	9.32	9.29	9.17	8.97	8.68				
95	29.2	32.6	36.9	41.8	47.0	52.3	57.3	58.2	58.6	58.5	57.9	56.8	55.1	53.0	50.4				
100	93.4	104	117	130	145	159	173	180	186	191	195	198	201	203	204				
105	163	178	196	214	233	252	271	280	288	294	300	304	306	308	308				
110	217	230	245	262	279	297	316	328	339	351	361	372	382	392	402				
115	271	282	294	308	322	338	353	365	376	388	400	411	423	435	446				
120	328	338	348	360	373	387	400	410	419	429	438	448	457	467	476				
125	382	390	399	409	419	431	442	450	459	467	475	483	491	499	507				
130	432	438	446	454	463	472	482	489	496	503	511	518	526	534	542				
135	479	483	488	495	501	509	516	522	529	535	542	549	556	563	571				
140	521	524	527	532	537	542	548	553	558	564	569	576	582	589	596				
145	559	561	564	567	570	574	579	582	586	590	595	600	605	610	615				
150	594	596	598	600	602	605	608	610	613	616	619	622	625	628	632				
155	625	626	627	629	630	632	634	635	637	639	640	642	644	646	648				
160	651	651	652	653	653	654	655	656	657	658	659	660	661	662	664				
165	671	671	671	671	672	672	673	673	673	674	674	675	675	676	676				
170	685	685	685	685	685	685	686	686	686	686	686	686	686	686	686				
175	694	694	694	694	694	694	694	694	694	694	694	693	693	693	693				
180	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696				

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: