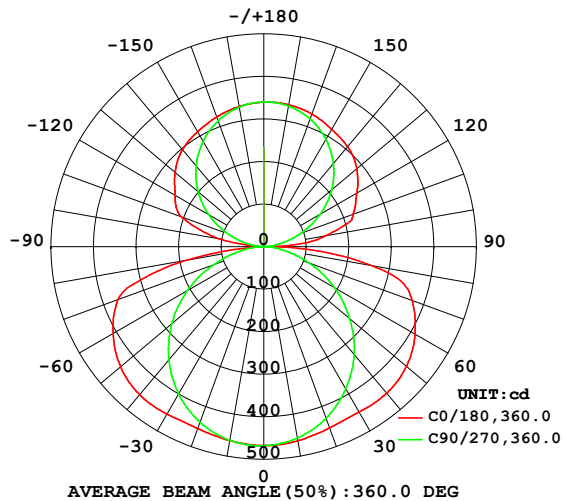


LUMINAIRE PHOTOMETRIC TEST REPORT

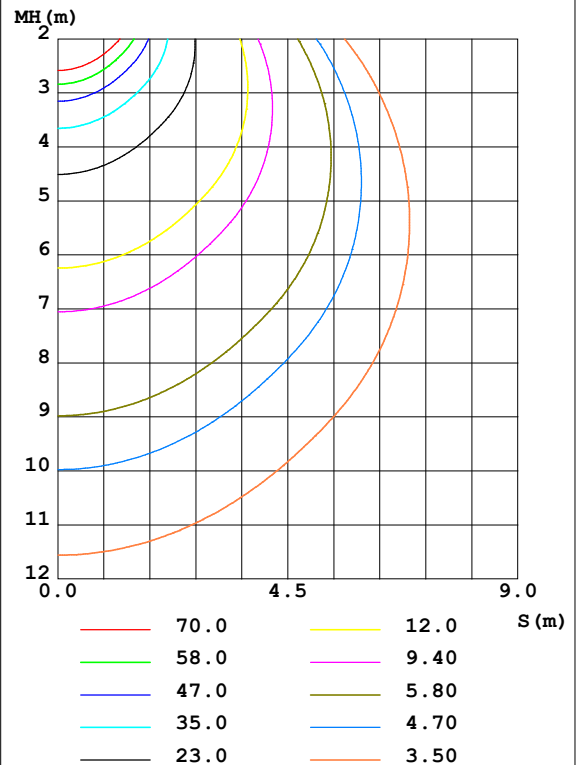
Test:U:121.5V I:0.2030A P:24.60W PF:0.9900 Freq:60.00Hz Lamp Flux:2986.53x1 lm		
NAME: 14代2FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 121.40 lm/W			
MODEL		I _{max} (cd)	468.0	S/MH(C0/180)	1.49
NOMINAL POWER(W)	25W	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	2986.5	η UP,DN(C0-180)	20.2,29.5
NOMINAL FLUX(lm)	2986.53	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	20.1,30.1
LAMPS INSIDE	1	η up(%)	40.3	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120.0	η down(%)	59.7	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:

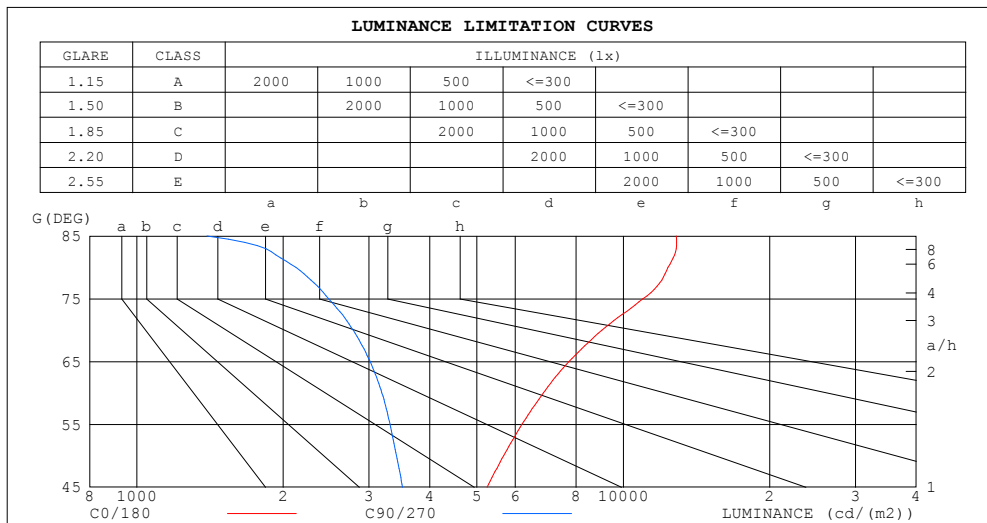
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	463.3	458.8	456.8	460.2	462.9	462.6	462.1	462.0	0- 10	44.31	44.31	1.48,1.48
20	453.3	438.3	429.1	441.3	455.1	447.1	439.0	444.4	10- 20	128.1	172.4	5.77,5.77
30	448.8	410.2	385.8	415.8	454.7	424.7	400.2	419.5	20- 30	199.3	371.7	12.4,12.4
40	449.6	381.8	330.9	390.3	454.1	402.0	346.7	394.1	30- 40	254.7	626.5	21,21
50	437.8	351.8	263.5	360.4	439.5	372.4	282.5	364.3	40- 50	290.7	917.2	30.7,30.7
60	410.9	308.3	191.4	315.9	408.9	323.1	207.7	316.1	50- 60	299.4	1217	40.7,40.7
70	371.0	250.5	114.3	255.8	365.5	256.0	126.0	252.7	60- 70	276.1	1493	50,50
80	257.6	173.8	44.23	158.4	183.8	157.1	49.76	178.9	70- 80	216.4	1709	57.2,57.2
90	17.31	3.890	1.132	3.180	1.888	4.318	1.990	6.351	80- 90	73.47	1783	59.7,59.7
100	147.3	101.4	35.46	83.73	105.3	96.02	35.39	111.9	90-100	46.15	1829	61.2,61.2
110	223.7	163.9	93.50	151.0	207.3	161.2	91.14	157.1	100-110	132.6	1961	65.7,65.7
120	252.7	211.2	154.5	197.5	240.4	203.5	148.9	202.6	110-120	176.2	2138	71.6,71.6
130	285.5	250.0	208.7	239.0	272.3	242.4	201.9	239.5	120-130	198.5	2336	78.2,78.2
140	306.7	279.2	254.5	270.9	297.8	272.5	247.6	271.0	130-140	199.9	2536	84.9,84.9
150	318.9	306.0	292.2	299.0	312.1	299.0	285.6	301.0	140-150	180.7	2717	91,91
160	331.8	326.3	319.5	321.0	324.4	320.3	314.7	322.7	150-160	144.3	2861	95.8,95.8
170	338.8	337.8	335.8	334.9	334.5	334.4	333.2	336.1	160-170	93.27	2954	98.9,98.9
180	339.3	339.3	339.3	339.3	339.3	339.3	339.3	339.3	170-180	32.26	2987	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:121.5V I:0.2030A P:24.60W PF:0.9900 Freq:60.00Hz Lamp Flux:2986.53x1 lm		
NAME: 14代2FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	12852	1394
80	12361	2123
75	10982	2479
70	9038	2785
65	7737	3018
60	6848	3190
55	6192	3316
50	5675	3416
45	5252	3520

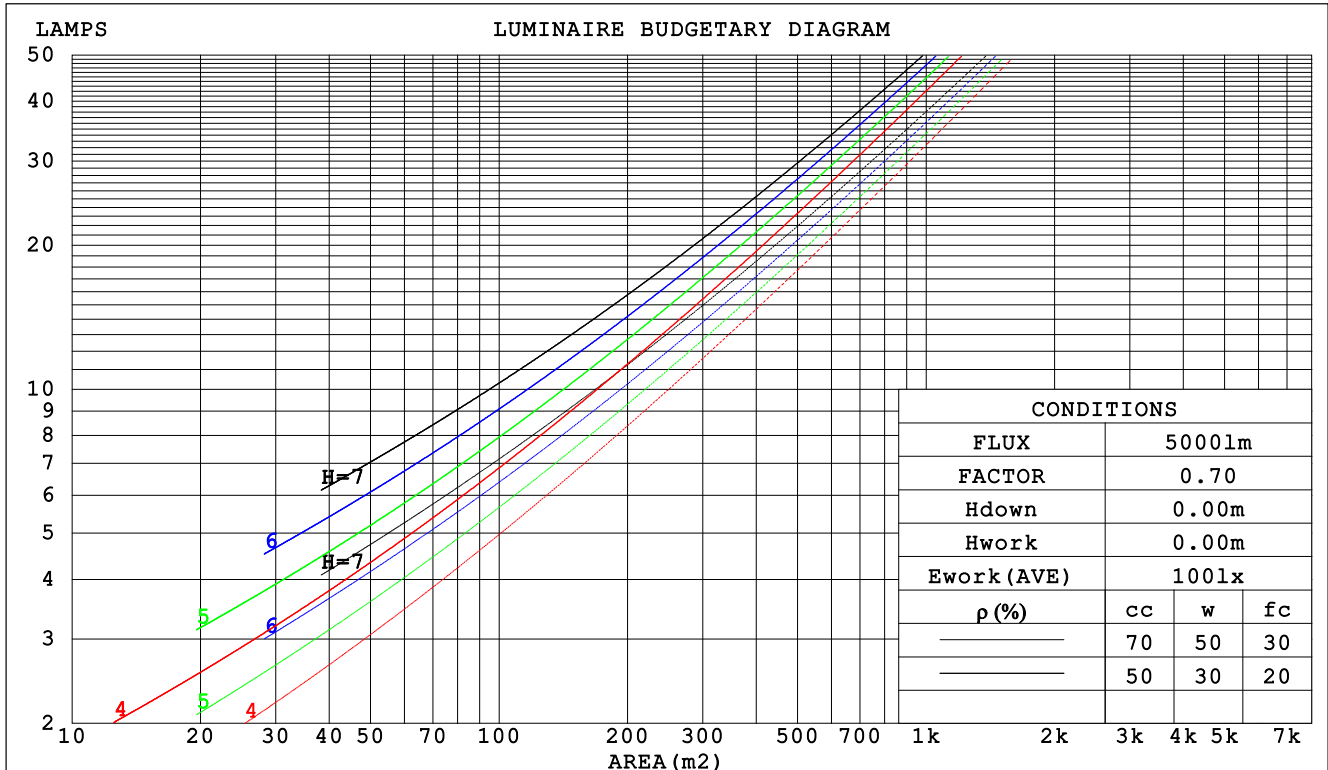
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:121.5V I:0.2030A P:24.60W PF:0.9900 Freq:60.00Hz Lamp Flux:2986.53x1 lm		
NAME: 14代2FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*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	1.09	1.09	1.09	1.02	1.02	1.02	.89	.89	.89	.76	.76	.76	.65	.65	.65	.60
1.0	.93	.89	.85	.87	.83	.80	.76	.73	.70	.65	.63	.61	.55	.53	.52	.47
2.0	.80	.73	.67	.75	.69	.64	.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	.50	.43	.38	.42	.38	.34	.36	.32	.29	.26
5.0	.54	.45	.39	.51	.43	.37	.44	.38	.33	.38	.33	.29	.32	.28	.25	.22
6.0	.48	.40	.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	.25	.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:121.5V I:0.2030A P:24.60W PF:0.9900 Freq:60.00Hz Lamp Flux:2986.53x1 lm		
NAME: 14代2FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*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	.325	.185	.058	.305	.174	.055	.269	.154	.049	.236	.136	.044	.205	.119	.038		
2.0	.296	.162	.050	.278	.153	.047	.246	.137	.042	.215	.121	.038	.187	.106	.033		
3.0	.269	.143	.043	.253	.136	.041	.223	.121	.037	.195	.107	.033	.170	.094	.029		
4.0	.246	.128	.038	.231	.121	.036	.204	.108	.032	.178	.096	.029	.154	.084	.026		
5.0	.226	.115	.033	.212	.109	.032	.187	.097	.029	.163	.086	.026	.141	.076	.023		
6.0	.208	.104	.030	.196	.099	.028	.172	.088	.026	.151	.078	.023	.130	.069	.020		
7.0	.193	.095	.027	.182	.090	.026	.160	.081	.023	.140	.072	.021	.121	.063	.018		
8.0	.180	.088	.025	.169	.083	.024	.149	.074	.021	.130	.066	.019	.113	.058	.017		
9.0	.168	.081	.023	.158	.077	.022	.139	.069	.020	.122	.061	.017	.105	.054	.015		
10.0	.157	.075	.021	.148	.072	.020	.131	.064	.018	.115	.057	.016	.099	.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	.498	.498	.498	.425	.425	.425	.290	.290	.290	.167	.167	.167	.053	.053	.053	
1.0	.491	.466	.443	.420	.400	.381	.287	.275	.264	.165	.159	.153	.053	.051	.050	
2.0	.485	.444	.409	.415	.382	.354	.284	.264	.247	.164	.154	.145	.053	.050	.047	
3.0	.478	.428	.388	.410	.369	.336	.281	.256	.236	.162	.150	.139	.052	.049	.046	
4.0	.471	.416	.374	.404	.359	.325	.278	.250	.229	.161	.147	.135	.052	.048	.044	
5.0	.464	.406	.364	.398	.352	.316	.274	.246	.223	.159	.144	.133	.051	.047	.044	
6.0	.457	.399	.357	.393	.345	.311	.271	.242	.220	.157	.142	.131	.051	.046	.043	
7.0	.451	.393	.352	.388	.340	.306	.268	.239	.217	.156	.141	.129	.050	.046	.043	
8.0	.445	.387	.348	.383	.336	.303	.265	.236	.215	.154	.139	.128	.050	.046	.042	
9.0	.439	.383	.345	.378	.332	.301	.262	.233	.214	.153	.138	.127	.049	.045	.042	
10.0	.433	.379	.342	.374	.329	.299	.259	.231	.212	.151	.137	.127	.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:121.5V I:0.2030A P:24.60W PF:0.9900 Freq:60.00Hz Lamp Flux:2986.53x1 lm										
NAME: 14代2FT					TYPE:4000K			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: EVERFINE					SUR.:0.6*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	17.3	18.4	18.1	19.2	20.1	14.3	15.4	15.1	16.2	17.1
3H	20.1	21.1	20.9	21.9	22.9	15.7	16.7	16.5	17.5	18.5
4H	21.7	22.6	22.5	23.4	24.4	16.1	17.1	17.0	17.9	18.9
6H	23.0	23.9	23.9	24.7	25.8	16.5	17.3	17.3	18.2	19.2
8H	23.6	24.4	24.4	25.2	26.3	16.5	17.4	17.4	18.2	19.2
12H	23.9	24.7	24.8	25.6	26.6	16.5	17.3	17.4	18.2	19.2
4H 2H	17.7	18.7	18.5	19.5	20.5	15.6	16.6	16.4	17.4	18.4
3H	20.8	21.6	21.6	22.4	23.5	17.2	18.0	18.1	18.9	19.9
4H	22.4	23.2	23.3	24.0	25.1	17.9	18.6	18.7	19.5	20.6
6H	24.0	24.6	24.9	25.5	26.6	18.3	19.0	19.2	19.9	21.0
8H	24.6	25.2	25.5	26.1	27.2	18.4	19.0	19.3	19.9	21.1
12H	25.1	25.6	26.0	26.5	27.7	18.5	19.0	19.4	19.9	21.1
8H 4H	22.6	23.2	23.5	24.1	25.3	19.0	19.6	19.9	20.5	21.6
6H	24.4	24.9	25.3	25.8	27.0	19.8	20.3	20.7	21.2	22.4
8H	25.1	25.6	26.1	26.5	27.7	20.0	20.4	20.9	21.4	22.6
12H	25.7	26.1	26.7	27.1	28.3	20.1	20.5	21.1	21.4	22.6
12H 4H	22.6	23.1	23.5	24.0	25.2	19.3	19.8	20.2	20.7	21.9
6H	24.4	24.9	25.4	25.8	27.0	20.2	20.7	21.2	21.6	22.8
8H	25.2	25.6	26.2	26.6	27.8	20.6	20.9	21.5	21.9	23.1
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	+ 0.2 / - 0.2					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 2987 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.8)

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:121.5V I:0.2030A P:24.60W PF:0.9900 Freq:60.00Hz Lamp Flux:2986.53x1 lm		
NAME: 14代2FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:

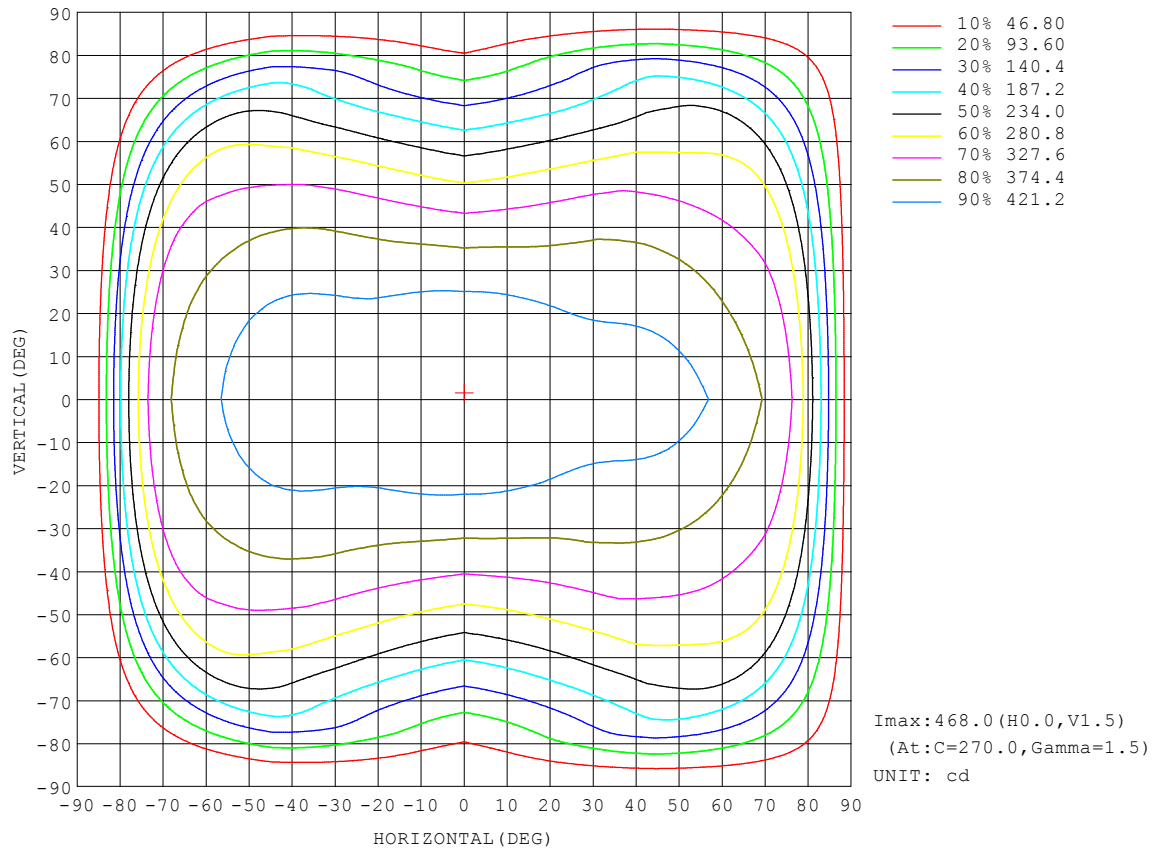
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	43	31	25	41	30	24	38	28	23	15
0.80	53	40	33	50	39	31	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	72	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	48
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:121.5V I:0.2030A P:24.60W PF:0.9900 Freq:60.00Hz Lamp Flux:2986.53x1 lm		
NAME: 14代2FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:

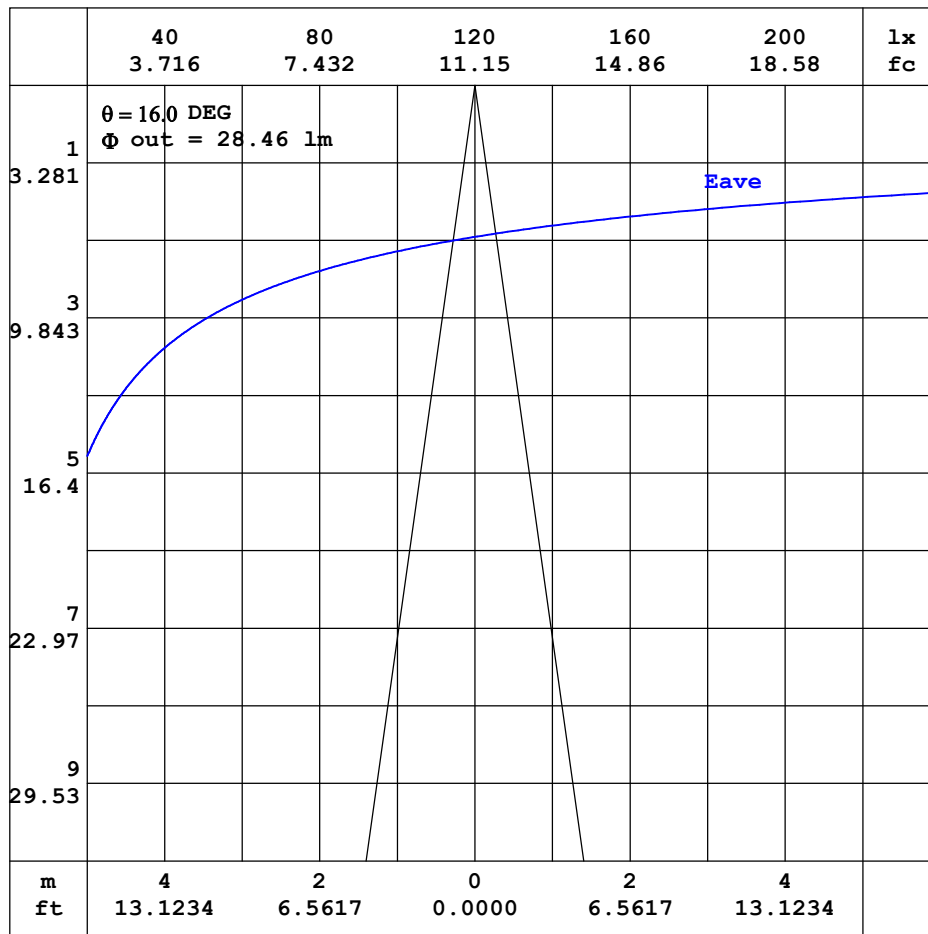


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:121.5V I:0.2030A P:24.60W PF:0.9900 Freq:60.00Hz Lamp Flux:2986.53x1 lm		
NAME: 14代2FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:



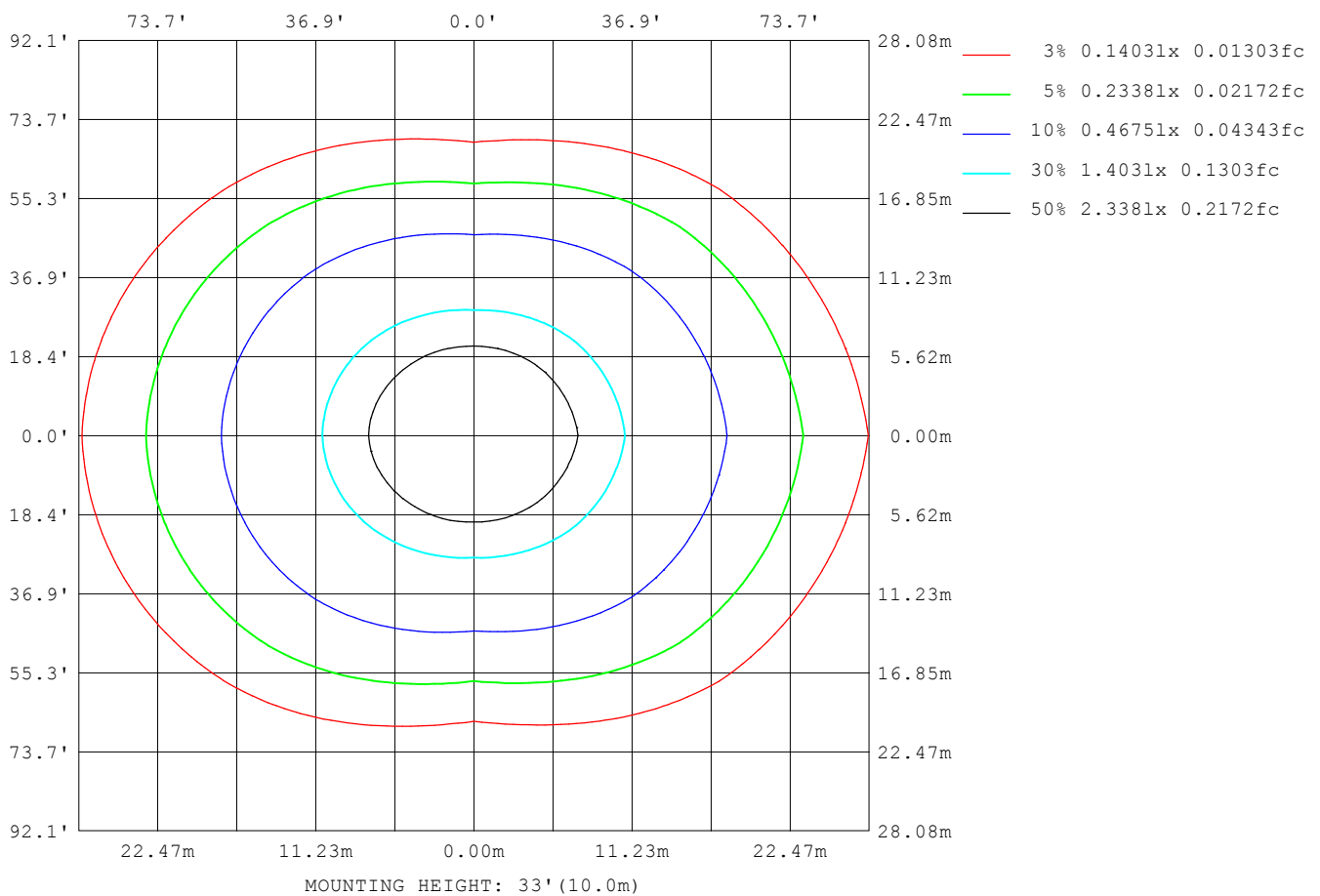
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:121.5V I:0.2030A P:24.60W PF:0.9900 Freq:60.00Hz Lamp Flux:2986.53x1 lm		
NAME: 14代2FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*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:121.5V I:0.2030A P:24.60W PF:0.9900 Freq:60.00Hz Lamp Flux:2986.53x1 lm		
NAME: 14代2FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:

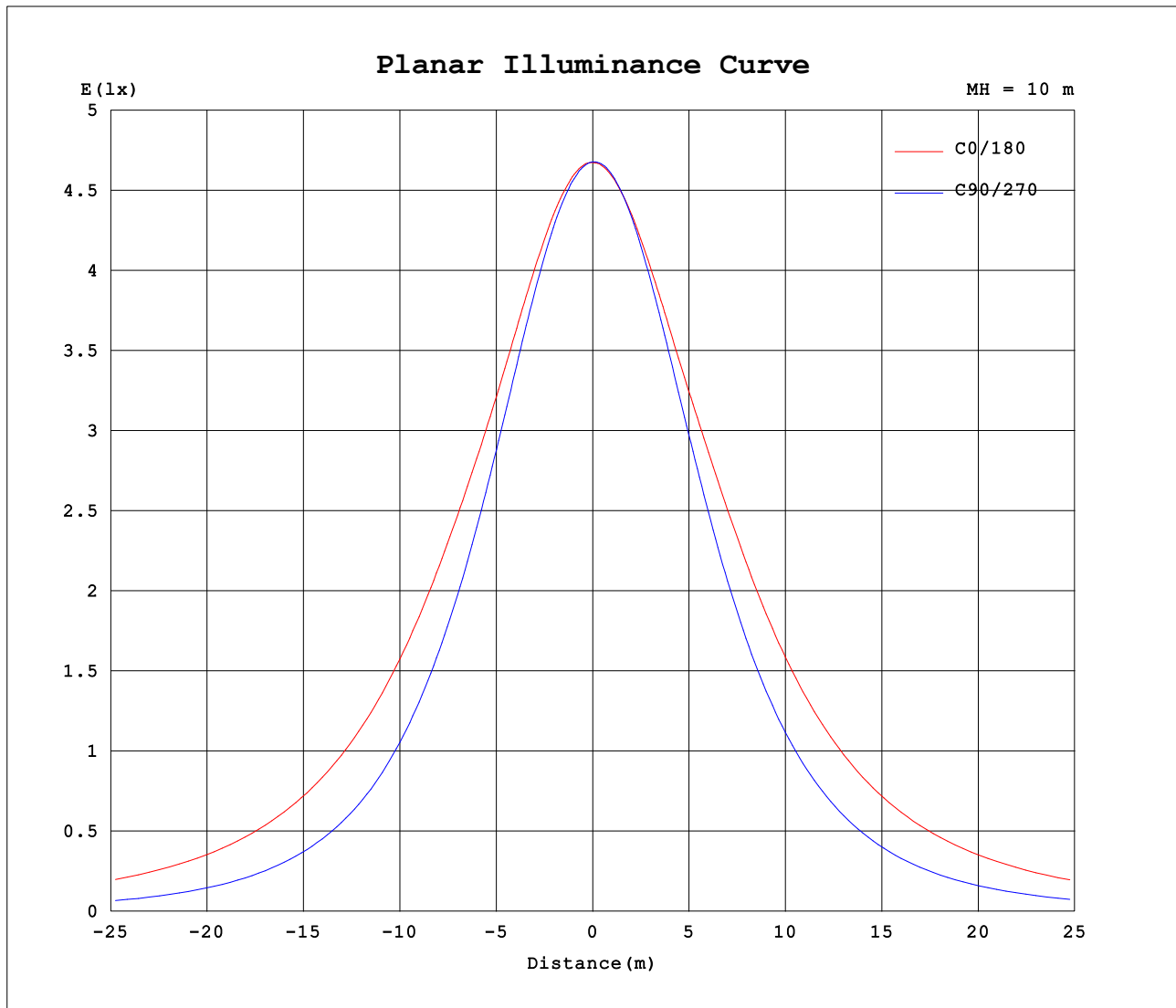
AvgL	cd/m2
L_0~180 (65) av	7709
L_0~180 (75) av	10272
L_0~180 (85) av	8567
L_90~270 (65) av	3166
L_90~270 (75) av	2633
L_90~270 (85) av	1588
L_45 (65) av	5657
L_45 (75) av	7069
L_45 (85) av	7372

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:121.5V I:0.2030A P:24.60W PF:0.9900 Freq:60.00Hz Lamp Flux:2986.53x1 lm		
NAME: 14代2FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*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	468	467	467	467	467	467	467	467	467	467	467	467	467	467	468	468	468	468	468
5	467	466	466	466	466	465	465	465	465	465	465	464	464	464	464	464	464	464	464
10	463	463	462	462	461	461	460	460	459	459	458	458	458	457	457	457	457	457	457
15	458	457	456	455	454	453	452	451	451	450	449	448	447	447	446	446	445	445	445
20	453	451	450	448	446	444	443	441	440	438	437	435	434	433	431	431	430	429	429
25	449	446	443	440	437	435	432	430	427	425	422	420	417	415	413	412	410	410	409
30	449	444	439	434	430	426	421	418	414	410	406	402	399	395	392	390	388	387	386
35	450	443	436	430	423	417	412	406	401	395	389	384	378	374	369	366	363	361	360
40	450	441	433	425	417	410	403	395	389	382	374	366	358	352	345	340	336	333	331
45	446	437	428	419	410	402	393	385	376	368	357	347	337	328	320	312	306	302	299
50	438	428	419	409	400	390	381	371	362	352	339	326	313	302	291	282	274	268	264
55	426	416	406	396	386	375	364	354	343	332	317	302	287	274	261	250	241	233	228
60	411	400	389	378	367	356	344	332	320	308	291	275	258	243	229	216	206	197	191
65	392	381	370	358	346	333	321	308	295	282	264	245	227	210	195	181	169	160	153
70	371	358	346	333	319	306	292	279	265	251	231	211	192	174	158	143	131	121	114
75	341	328	315	302	288	274	260	246	232	217	197	177	157	139	122	107	94.2	84.0	77.0
80	258	251	243	235	226	217	207	196	185	174	156	139	121	105	88.9	74.6	62.1	51.9	44.2
85	134	130	126	122	117	111	106	100.0	93.8	87.3	77.7	68.1	58.5	49.2	40.5	32.4	25.3	19.3	14.6
90	17.3	15.3	13.4	11.7	10.0	8.54	7.18	5.95	4.85	3.89	3.16	2.56	2.07	1.70	1.42	1.23	1.12	1.09	1.13
95	90.1	86.9	83.5	80.0	76.4	72.7	68.8	64.7	60.6	56.2	50.3	44.3	38.4	32.7	27.4	22.4	17.9	14.1	11.1
100	147	143	139	134	129	124	119	113	107	101	92.6	83.7	75.0	66.6	58.6	51.4	45.0	39.6	35.5
105	198	193	188	182	176	170	164	157	150	142	132	121	110	100	90.6	82.0	74.4	68.1	63.4
110	224	218	211	205	198	192	185	178	171	164	154	144	135	126	117	110	103	97.5	93.5
115	238	233	228	222	217	211	205	199	193	187	178	169	161	153	145	138	132	128	124
120	253	249	245	241	236	232	227	222	217	211	204	196	188	181	174	168	163	158	154
125	270	267	263	259	255	250	246	241	237	232	225	218	212	205	200	194	189	185	182
130	286	282	278	274	270	266	262	258	254	250	244	239	233	228	223	218	214	211	209
135	298	295	291	287	284	280	276	273	269	265	261	256	252	247	244	240	237	235	233
140	307	304	300	297	294	291	288	285	282	279	276	272	269	266	263	260	258	256	254
145	313	311	308	306	304	302	299	297	295	293	290	288	285	283	281	279	277	276	275
150	319	318	316	315	313	312	310	309	307	306	304	302	300	299	297	296	294	293	292
155	326	325	324	323	322	321	320	319	318	317	316	315	313	312	311	310	309	308	307
160	332	331	331	330	330	329	328	328	327	326	325	325	324	323	322	321	321	320	319
165	336	336	336	335	335	335	334	334	334	333	333	332	332	331	331	330	330	329	329
170	339	339	339	339	338	338	338	338	338	338	338	337	337	337	337	336	336	336	336
175	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340	340
180	339	339	339	339	339	339	339	339	339	339	339	339	339	339	339	339	339	339	339

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:121.5V I:0.2030A P:24.60W PF:0.9900 Freq:60.00Hz Lamp Flux:2986.53x1 lm		
NAME: 14代2FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*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	468	468	468	468	468	468	467	467	467	467	467	467	467	467	467	467	468	468	467
5	464	464	464	465	465	465	465	465	465	465	466	466	466	466	466	466	466	466	466
10	457	457	458	458	458	459	459	460	460	461	461	461	462	462	462	462	463	463	463
15	445	446	447	447	448	449	450	451	452	453	454	455	456	456	457	458	458	459	459
20	430	431	432	433	435	436	438	440	441	443	445	447	449	450	452	453	454	455	455
25	410	412	413	415	418	420	423	426	429	432	436	439	442	445	447	450	452	453	452
30	387	389	392	395	399	403	407	411	416	421	426	432	437	441	446	449	452	455	453
35	362	365	369	373	378	384	390	396	403	410	417	424	431	438	444	449	453	456	454
40	334	338	344	350	357	365	373	382	390	399	408	417	425	433	440	446	451	454	452
45	303	309	316	324	334	344	355	366	377	387	398	408	417	426	433	440	445	449	447
50	269	276	285	296	307	320	333	347	360	372	384	395	405	415	423	430	436	439	437
55	234	243	254	266	279	294	309	325	340	353	366	378	390	400	409	416	422	426	423
60	198	208	220	233	248	264	281	299	316	330	344	358	370	381	390	398	405	409	405
65	161	171	184	199	215	233	251	270	289	305	320	334	348	360	370	379	385	390	385
70	122	133	146	161	178	197	216	236	256	273	290	305	320	333	344	353	361	365	361
75	85.3	96.7	111	126	144	163	182	201	220	234	246	258	268	277	284	290	294	297	294
80	51.0	60.3	71.6	84.7	98.9	114	129	144	158	165	170	175	178	181	183	184	184	184	184
85	17.7	22.1	27.4	33.5	40.1	46.8	53.5	59.8	65.5	64.6	63.1	60.9	58.4	55.5	52.6	49.7	47.1	44.8	47.1
90	1.27	1.46	1.68	1.93	2.20	2.47	2.73	2.97	3.18	3.07	2.93	2.77	2.60	2.42	2.25	2.10	1.98	1.89	2.13
95	12.3	14.2	16.7	19.7	22.9	26.2	29.5	32.7	35.5	34.7	33.5	32.0	30.4	28.7	27.0	25.4	24.1	23.1	25.4
100	37.8	41.3	45.8	51.2	57.2	63.6	70.3	77.1	83.7	87.5	91.0	94.1	96.9	99.3	101	103	104	105	106
105	66.8	71.7	77.9	85.2	93.2	102	111	120	128	133	138	142	146	149	152	154	155	156	157
110	95.9	99.8	105	111	118	126	134	142	151	159	167	175	182	189	195	200	204	207	206
115	126	129	133	138	144	151	158	165	173	181	189	196	203	210	216	221	225	228	226
120	156	159	163	167	172	178	184	191	198	204	210	216	221	226	231	235	238	240	239
125	184	186	190	193	198	203	208	214	220	225	230	235	240	244	248	252	254	256	255
130	210	212	214	217	221	225	230	234	239	244	249	253	257	261	265	268	271	272	271
135	233	235	236	239	242	245	248	252	256	260	264	268	272	276	279	282	285	286	285
140	255	256	257	259	260	263	265	268	271	275	278	282	285	289	292	294	296	298	297
145	275	275	276	277	278	280	282	283	285	288	291	294	296	299	301	303	305	306	305
150	292	292	293	294	294	295	296	298	299	301	302	304	306	308	309	310	311	312	311
155	307	307	307	308	308	309	309	310	311	312	313	314	315	316	317	317	318	318	318
160	319	319	319	320	320	320	320	321	321	322	322	322	322	323	323	324	324	324	324
165	329	329	329	329	329	329	329	329	329	329	329	330	330	330	330	330	330	330	330
170	336	336	335	335	335	335	335	335	335	335	335	335	335	335	335	335	334	334	334
175	339	339	339	339	339	339	339	339	339	339	338	338	338	338	338	338	338	338	338
180	339	339	339	339	339	339	339	339	339	339	339	339	339	339	339	339	339	339	339

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:121.5V I:0.2030A P:24.60W PF:0.9900 Freq:60.00Hz Lamp Flux:2986.53x1 lm		
NAME: 14代2FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*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	467	467	467	467	467	467	467	467	467	467	467	467	468	468	468	468	468	468	468
5	466	466	466	466	466	466	466	466	466	467	467	467	467	467	467	467	467	467	467
10	463	463	463	463	463	463	463	463	463	462	462	462	462	462	462	462	462	462	462
15	459	459	458	458	458	457	457	456	456	455	455	454	454	454	453	453	453	453	453
20	454	454	453	452	451	450	448	447	446	445	444	443	442	441	440	440	439	439	439
25	451	450	448	446	444	441	439	436	434	432	430	428	426	425	423	422	421	422	422
30	451	449	445	442	438	434	429	425	421	417	414	411	408	405	403	401	400	401	402
35	451	447	443	438	432	426	420	413	408	402	397	392	387	383	380	377	375	376	378
40	449	444	439	432	425	418	410	402	394	386	379	372	365	359	354	350	347	349	352
45	443	438	432	424	416	408	398	389	379	369	359	349	340	332	326	320	316	319	323
50	433	427	420	412	403	394	383	372	360	348	335	324	313	303	294	288	282	286	292
55	419	412	405	396	386	375	363	351	336	322	308	294	282	270	260	252	246	251	258
60	400	393	384	374	362	350	337	323	307	291	275	260	246	234	223	214	208	213	221
65	379	370	360	348	335	321	307	291	274	257	240	224	209	195	184	175	168	174	182
70	353	344	332	319	305	289	273	256	238	219	201	184	169	154	142	133	126	132	141
75	290	283	276	267	256	245	233	219	201	183	165	148	132	117	104	94.0	86.6	93.5	103
80	183	182	180	177	174	169	164	157	143	129	115	101	87.1	74.9	64.3	55.8	49.8	57.7	68.1
85	49.8	52.7	55.6	58.5	61.1	63.3	65.0	66.0	60.7	54.8	48.6	42.3	36.2	30.5	25.5	21.5	18.6	23.3	29.3
90	2.41	2.70	3.01	3.32	3.62	3.89	4.13	4.32	4.09	3.81	3.51	3.19	2.88	2.59	2.33	2.13	1.99	2.15	2.38
95	28.0	30.8	33.7	36.5	39.1	41.4	43.3	44.6	41.2	37.3	33.1	28.8	24.6	20.7	17.2	14.4	12.5	16.0	20.5
100	107	107	106	105	104	102	99.2	96.0	88.4	80.3	72.2	64.2	56.6	49.7	43.6	38.8	35.4	40.4	46.8
105	157	156	155	153	150	147	143	139	129	119	109	99.4	90.0	81.3	73.6	67.3	62.6	66.7	72.6
110	203	199	195	189	183	176	169	161	152	142	133	124	115	107	101	95.1	91.1	94.2	98.8
115	223	219	215	209	203	196	189	181	173	164	156	148	141	134	128	124	120	123	127
120	237	234	230	226	221	215	210	204	196	188	181	174	167	161	156	152	149	152	155
125	253	250	247	243	239	234	229	224	217	211	204	198	192	187	183	179	176	178	182
130	269	267	264	260	256	252	247	242	237	231	226	220	216	211	207	204	202	203	206
135	283	281	278	274	271	267	262	258	253	249	244	240	236	233	230	227	225	227	228
140	295	293	290	287	283	280	276	272	269	265	262	258	256	253	251	249	248	248	250
145	303	302	300	297	295	292	289	286	283	281	278	276	273	271	270	268	267	268	270
150	310	309	308	306	305	303	301	299	297	295	293	291	290	288	287	286	286	286	287
155	317	317	316	315	314	313	312	310	309	308	306	305	304	303	302	302	301	302	303
160	324	324	323	323	322	322	321	320	319	319	318	317	316	316	315	315	315	315	316
165	330	330	330	329	329	329	329	328	328	328	327	327	326	326	326	325	325	326	326
170	334	334	334	334	334	334	334	334	334	334	334	334	334	333	333	333	333	333	334
175	338	338	338	338	338	338	338	339	338	338	338	338	338	338	338	338	338	338	338
180	339	339	339	339	339	339	339	339	339	339	339	339	339	339	339	339	339	339	339

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:121.5V I:0.2030A P:24.60W PF:0.9900 Freq:60.00Hz Lamp Flux:2986.53x1 lm																	
NAME: 14代2FT									TYPE:4000K						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: EVERFINE									SUR.:0.6*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	468	468	468	468	467	467	467	467	467	467	467	467	467	467	467				
5	467	467	467	467	467	466	466	466	466	466	466	466	466	466	466				
10	462	462	462	462	462	462	462	462	462	462	462	463	463	463	463				
15	453	453	453	454	454	454	454	455	455	455	456	456	457	457	458				
20	440	440	441	442	443	443	444	445	446	447	448	449	450	451	452				
25	423	424	426	427	429	431	433	434	436	438	439	441	443	445	447				
30	403	405	408	410	413	416	419	422	425	428	431	435	438	441	445				
35	381	384	388	392	396	401	406	411	415	420	424	429	434	439	445				
40	356	361	366	373	380	387	394	400	406	412	418	424	430	437	443				
45	329	336	344	352	361	371	381	388	395	402	410	417	424	431	438				
50	300	308	318	329	340	352	364	373	381	390	398	406	414	422	430				
55	267	277	289	302	315	329	343	353	363	372	382	391	400	409	418				
60	231	242	255	270	285	300	316	327	338	349	360	370	381	391	401				
65	193	205	220	235	251	268	285	298	310	322	334	346	358	369	381				
70	153	166	182	198	216	234	253	266	280	293	306	319	332	345	358				
75	116	130	147	164	183	202	222	236	249	263	277	290	303	316	329				
80	80.7	95.0	111	127	144	162	179	190	201	211	220	229	237	244	251				
85	36.3	44.2	52.7	61.7	71.0	80.4	89.6	95.9	102	107	113	118	122	127	131				
90	2.71	3.11	3.59	4.16	4.81	5.54	6.35	7.24	8.22	9.27	10.4	11.6	12.9	14.3	15.8				
95	25.7	31.4	37.6	44.1	50.7	57.3	63.8	67.9	71.8	75.3	78.5	81.5	84.1	86.4	88.4				
100	54.5	63.1	72.4	82.1	92.2	102	112	118	123	128	133	137	140	143	145				
105	79.8	88.2	97.6	108	118	129	140	147	154	161	168	175	181	187	193				
110	105	112	120	128	138	147	157	164	172	179	187	194	201	209	216				
115	133	139	146	154	163	171	180	187	193	200	206	213	219	226	232				
120	160	166	173	180	187	195	203	208	214	220	225	231	236	242	247				
125	186	191	196	202	209	215	222	227	233	238	243	249	254	259	265				
130	209	213	218	223	228	234	240	244	249	254	259	264	269	275	280				
135	231	234	238	242	246	251	256	260	264	268	273	278	283	288	293				
140	252	254	257	260	264	267	271	274	278	282	285	289	293	298	302				
145	271	273	275	278	281	284	287	289	292	295	298	300	303	307	310				
150	289	290	292	294	296	299	301	303	305	307	309	311	313	315	317				
155	304	305	307	308	310	311	313	314	316	317	319	320	321	323	324				
160	316	317	318	319	320	322	323	324	325	326	327	328	329	330	331				
165	326	327	328	328	329	330	330	331	332	332	333	334	334	335	336				
170	334	334	335	335	335	336	336	336	337	337	337	338	338	338	339				
175	338	339	339	339	339	339	339	339	340	340	340	340	340	340	340				
180	339	339	339	339	339	339	339	339	339	339	339	339	339	339	339				

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: