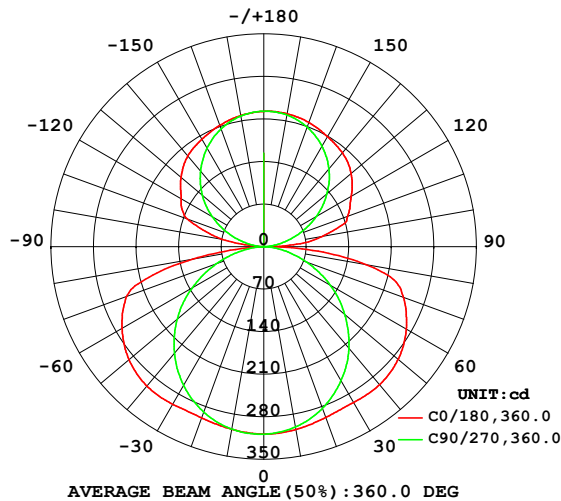


LUMINAIRE PHOTOMETRIC TEST REPORT

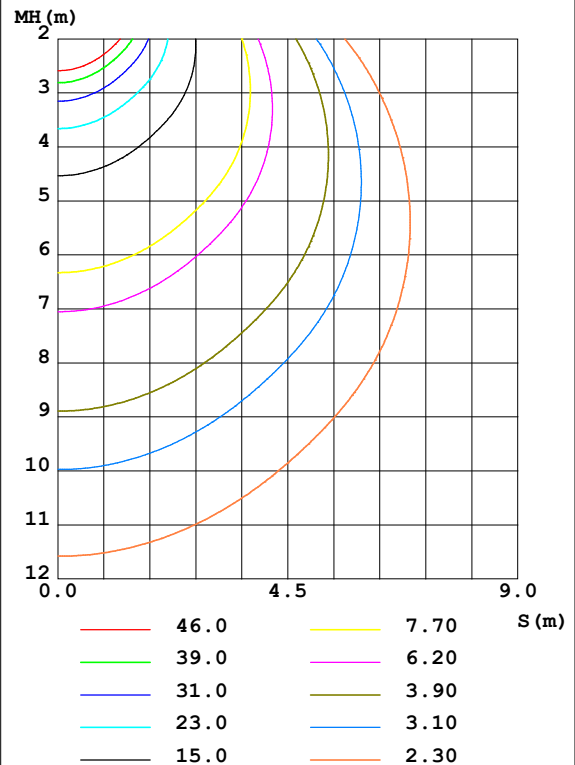
Test:U:121.3V I:0.1310A P:15.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1963.03x1 lm		
NAME: 14代2FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 124.24 lm/W			
MODEL		I _{max} (cd)	308.6	S/MH(C0/180)	1.49
NOMINAL POWER(W)	15W	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	1963.0	η UP,DN(C0-180)	20.1,29.6
NOMINAL FLUX(lm)	1963.03	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	20.0,30.2
LAMPS INSIDE	1	η up(%)	40.2	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120.0	η down(%)	59.8	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:

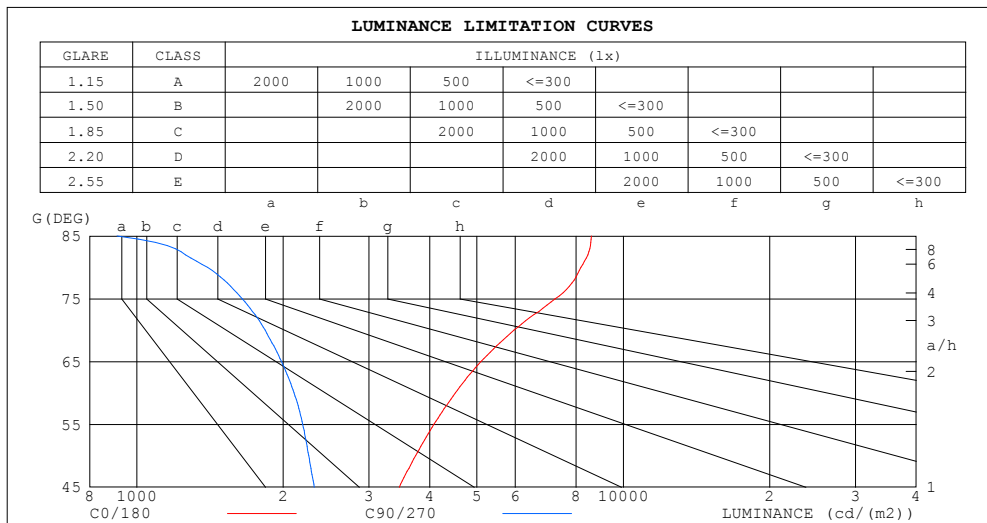
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	305.5	302.7	301.2	303.5	305.0	305.0	304.7	304.8	0- 10	29.22	29.22	1.49,1.49
20	299.1	289.2	283.1	291.1	299.8	294.7	289.6	293.2	10- 20	84.48	113.7	5.79,5.79
30	296.0	270.5	254.5	274.2	299.7	279.8	263.9	276.8	20- 30	131.4	245.1	12.5,12.5
40	296.5	251.8	218.1	257.5	299.4	264.8	228.7	260.0	30- 40	168.0	413.1	21,21
50	288.7	232.0	174.1	237.6	289.5	245.2	186.1	240.1	40- 50	191.6	604.7	30.8,30.8
60	271.0	203.4	126.3	208.3	269.3	212.6	136.0	208.4	50- 60	197.3	802.0	40.9,40.9
70	244.6	165.3	75.33	168.7	240.6	168.3	83.01	166.4	60- 70	181.8	983.9	50.1,50.1
80	170.5	113.6	29.14	103.8	118.9	103.1	32.65	117.9	70- 80	142.3	1126	57.4,57.4
90	11.67	2.620	0.7355	2.151	1.256	2.734	1.236	4.187	80- 90	48.53	1175	59.8,59.8
100	96.90	66.96	23.28	54.82	68.90	62.49	23.01	73.10	90-100	30.27	1205	61.4,61.4
110	147.1	107.9	61.26	98.71	134.0	104.7	59.78	102.4	100-110	86.70	1292	65.8,65.8
120	166.3	138.8	100.4	129.0	157.0	132.2	97.33	132.1	110-120	115.2	1407	71.7,71.7
130	187.7	164.2	135.8	156.3	177.9	158.5	132.2	157.2	120-130	129.9	1537	78.3,78.3
140	201.5	183.4	166.8	177.2	194.7	178.3	162.0	178.0	130-140	130.9	1668	85,85
150	209.4	200.7	191.4	195.7	204.2	195.7	187.1	197.4	140-150	118.4	1786	91,91
160	217.6	214.0	209.3	210.3	212.3	209.8	206.2	211.7	150-160	94.59	1881	95.8,95.8
170	222.1	221.5	220.1	219.5	219.1	219.2	218.3	220.3	160-170	61.13	1942	98.9,98.9
180	222.2	222.2	222.2	222.2	222.2	222.2	222.2	222.2	170-180	21.14	1963	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:121.3V I:0.1310A P:15.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1963.03x1 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	8597	911
80	8184	1399
75	7246	1648
70	5960	1835
65	5100	1984
60	4517	2106
55	4083	2193
50	3742	2257
45	3463	2317

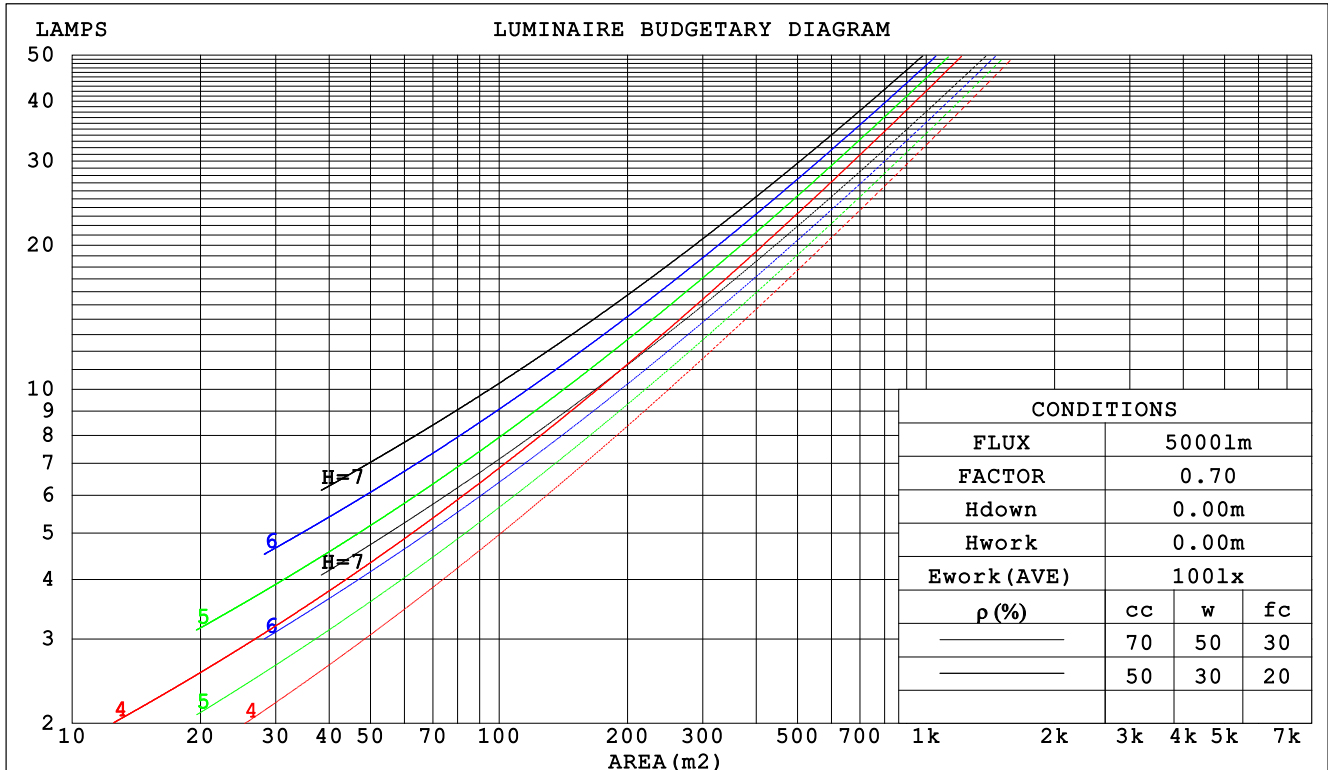
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:121.3V I:0.1310A P:15.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1963.03x1 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	.54	.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	.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	.38	.33	.38	.33	.29	.32	.28	.25	.22
6.0	.48	.40	.33	.45	.37	.32	.39	.33	.28	.34	.29	.25	.29	.25	.22	.19
7.0	.43	.35	.29	.41	.33	.27	.36	.29	.25	.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:121.3V I:0.1310A P:15.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1963.03x1 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	.059	.306	.174	.055	.269	.155	.049	.236	.136	.044	.206	.119	.038		
2.0	.296	.162	.050	.279	.153	.047	.246	.137	.042	.216	.121	.038	.188	.106	.033		
3.0	.269	.143	.043	.254	.136	.041	.224	.121	.037	.196	.107	.033	.170	.094	.029		
4.0	.246	.128	.038	.231	.121	.036	.204	.108	.032	.178	.096	.029	.155	.084	.026		
5.0	.226	.115	.033	.212	.109	.032	.187	.097	.029	.164	.086	.026	.142	.076	.023		
6.0	.208	.104	.030	.196	.099	.028	.173	.088	.026	.151	.078	.023	.131	.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	.075	.021	.130	.066	.019	.113	.058	.017		
9.0	.168	.081	.023	.158	.077	.022	.140	.069	.020	.122	.061	.018	.106	.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	.496	.496	.496	.424	.424	.424	.290	.290	.290	.166	.166	.166	.053	.053	.053	
1.0	.490	.465	.442	.419	.399	.380	.287	.274	.263	.165	.159	.153	.053	.051	.049	
2.0	.483	.442	.408	.414	.381	.353	.284	.263	.246	.164	.153	.144	.052	.050	.047	
3.0	.477	.427	.387	.409	.368	.335	.281	.256	.235	.162	.149	.139	.052	.048	.045	
4.0	.470	.415	.372	.403	.358	.324	.277	.250	.228	.160	.146	.135	.052	.048	.044	
5.0	.463	.405	.363	.397	.351	.315	.274	.245	.223	.159	.144	.132	.051	.047	.044	
6.0	.456	.398	.356	.392	.344	.310	.270	.241	.219	.157	.142	.130	.051	.046	.043	
7.0	.450	.391	.350	.387	.339	.305	.267	.238	.216	.155	.140	.129	.050	.046	.043	
8.0	.443	.386	.347	.382	.335	.302	.264	.235	.214	.154	.139	.128	.050	.045	.042	
9.0	.438	.381	.344	.377	.331	.300	.261	.233	.213	.152	.137	.127	.049	.045	.042	
10.0	.432	.378	.341	.373	.328	.298	.259	.231	.211	.151	.136	.126	.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:121.3V I:0.1310A P:15.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1963.03x1 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	15.9	17.0	16.6	17.7	18.7	12.9	14.0	13.6	14.8	15.7
3H	18.7	19.7	19.5	20.5	21.5	14.2	15.2	15.0	16.0	17.0
4H	20.2	21.2	21.0	22.0	23.0	14.7	15.7	15.5	16.5	17.5
6H	21.6	22.5	22.4	23.3	24.3	15.0	15.9	15.8	16.7	17.8
8H	22.1	23.0	23.0	23.8	24.9	15.1	15.9	15.9	16.8	17.8
12H	22.5	23.3	23.4	24.2	25.2	15.1	15.9	15.9	16.7	17.8
4H 2H	16.3	17.2	17.1	18.1	19.1	14.2	15.1	15.0	16.0	17.0
3H	19.3	20.1	20.2	21.0	22.0	15.8	16.6	16.6	17.4	18.5
4H	21.0	21.7	21.9	22.6	23.7	16.4	17.2	17.3	18.0	19.1
6H	22.6	23.2	23.4	24.1	25.2	16.9	17.5	17.8	18.4	19.5
8H	23.2	23.8	24.1	24.7	25.8	17.0	17.6	17.9	18.5	19.6
12H	23.6	24.2	24.6	25.1	26.2	17.0	17.6	17.9	18.5	19.6
8H 4H	21.2	21.8	22.1	22.7	23.8	17.6	18.2	18.5	19.1	20.2
6H	23.0	23.5	23.9	24.4	25.5	18.3	18.8	19.3	19.7	20.9
8H	23.7	24.2	24.7	25.1	26.3	18.6	19.0	19.5	19.9	21.1
12H	24.3	24.7	25.3	25.6	26.8	18.7	19.0	19.6	20.0	21.2
12H 4H	21.2	21.7	22.1	22.6	23.8	17.9	18.4	18.8	19.3	20.5
6H	23.0	23.4	23.9	24.4	25.5	18.8	19.2	19.7	20.2	21.3
8H	23.8	24.2	24.8	25.1	26.3	19.1	19.5	20.1	20.4	21.6
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	+ 0.2 / - 0.2					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 1963 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.3)

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:121.3V I:0.1310A P:15.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1963.03x1 lm		
NAME: 14代2FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:

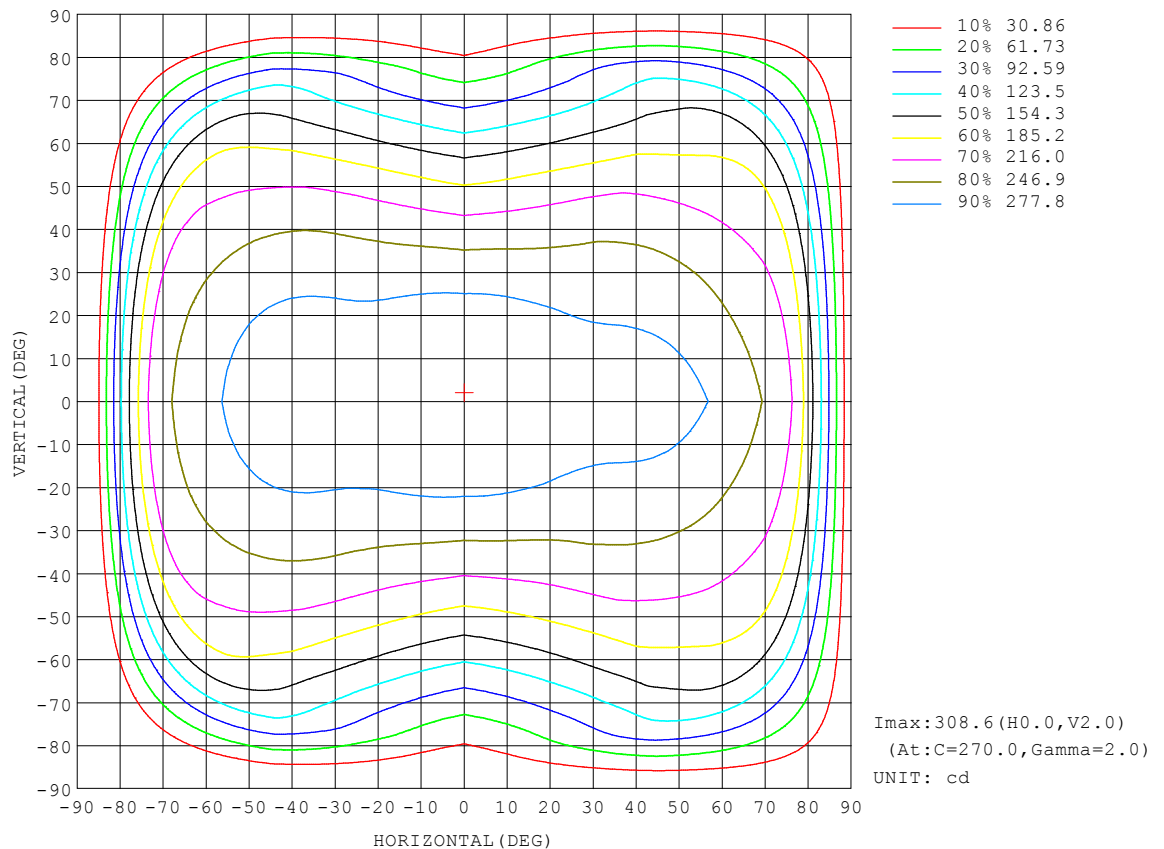
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	43	32	25	41	30	24	38	28	23	15
0.80	53	40	33	50	39	32	45	35	29	20
1.00	60	48	40	57	46	39	51	44	36	25
1.25	68	56	47	64	53	46	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	81	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:121.3V I:0.1310A P:15.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1963.03x1 lm		
NAME: 14代2FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:

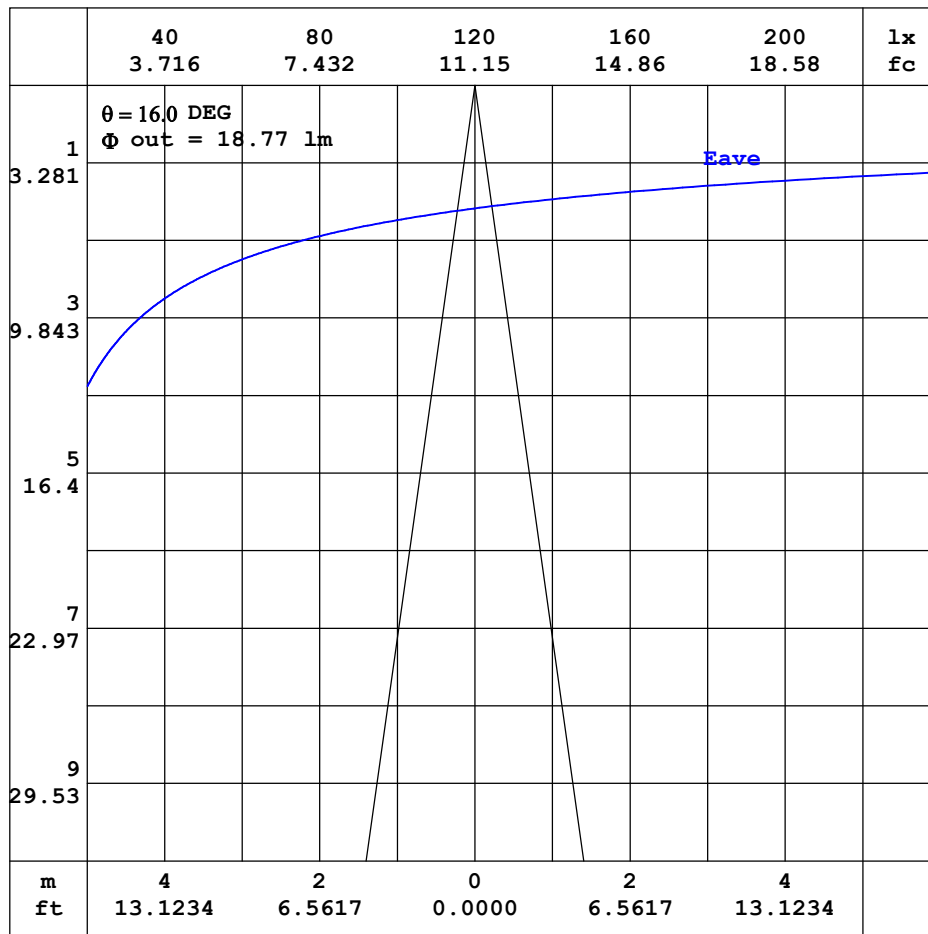


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:121.3V I:0.1310A P:15.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1963.03x1 lm		
NAME: 14代2FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:



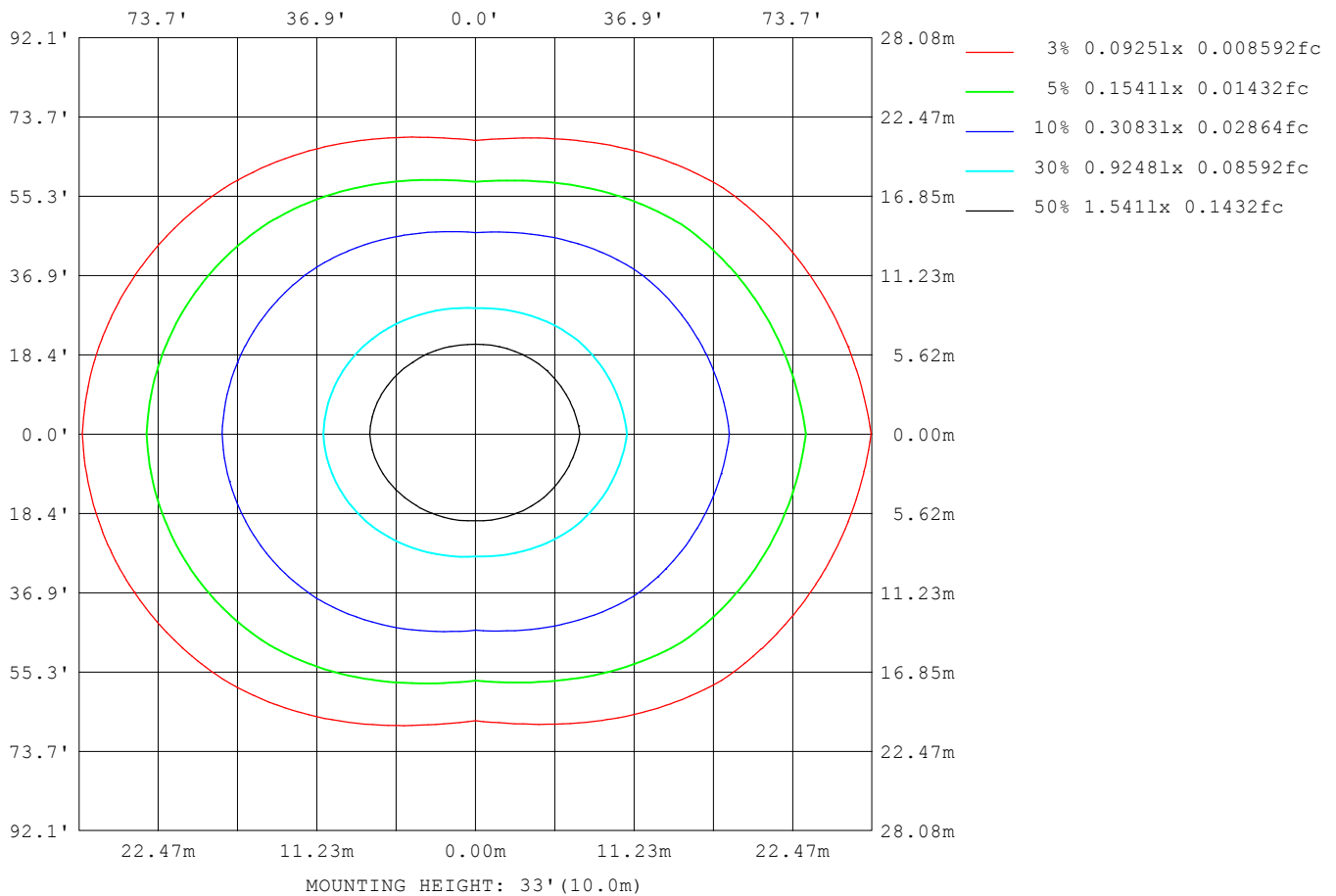
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:121.3V I:0.1310A P:15.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1963.03x1 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:121.3V I:0.1310A P:15.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1963.03x1 lm		
NAME: 14代2FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:

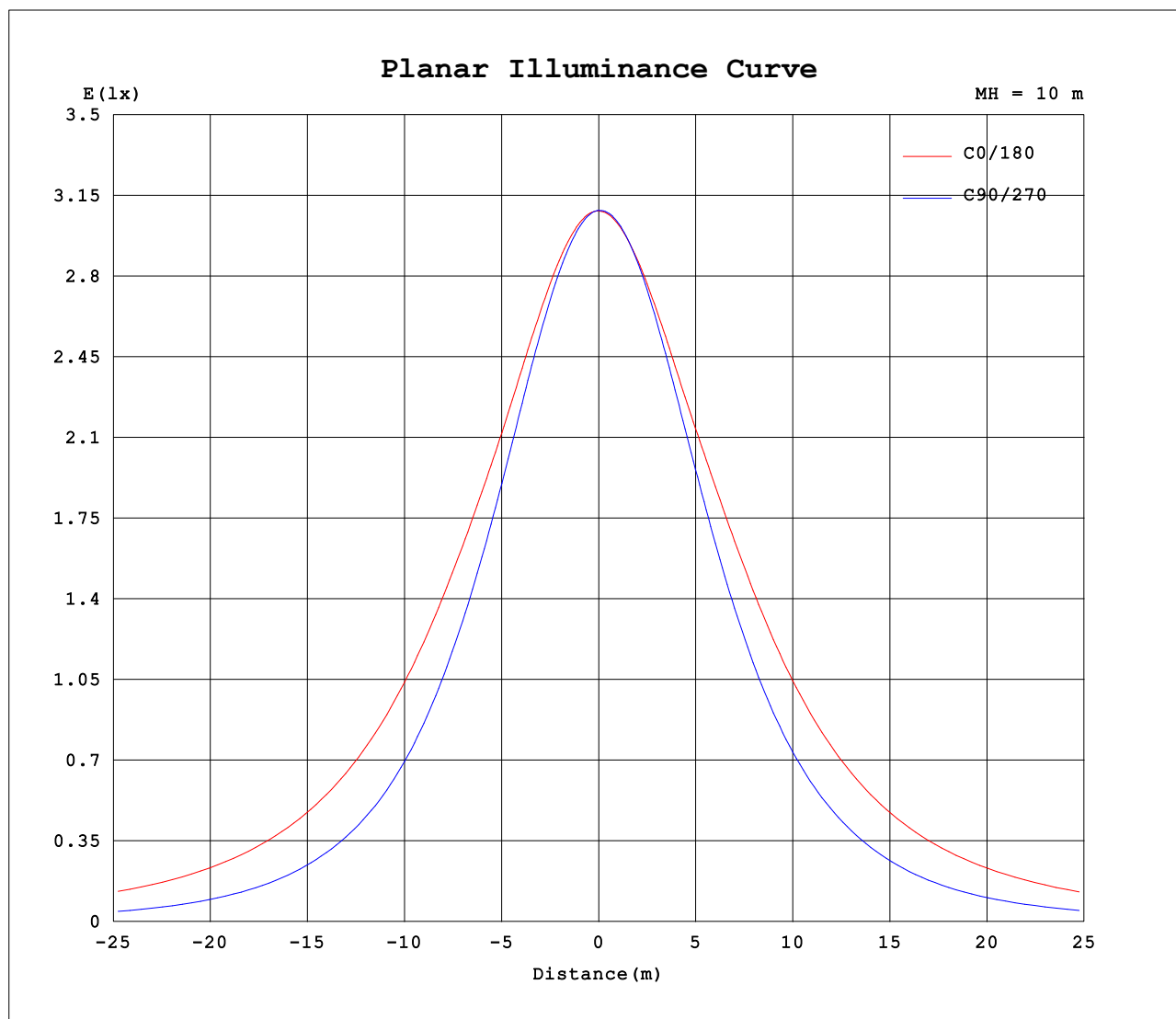
AvgL	cd/m2
L_0~180 (65) av	5078
L_0~180 (75) av	6774
L_0~180 (85) av	5711
L_90~270 (65) av	2074
L_90~270 (75) av	1739
L_90~270 (85) av	1034
L_45 (65) av	3728
L_45 (75) av	4644
L_45 (85) av	4880

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:121.3V I:0.1310A P:15.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1963.03x1 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	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	309
5	308	308	307	307	307	307	307	307	307	307	306	306	306	306	306	306	306	306	306
10	306	305	305	304	304	304	303	303	303	303	302	302	302	302	302	301	301	301	301
15	302	302	301	300	300	299	298	298	297	297	296	296	295	295	294	294	294	294	294
20	299	298	297	295	294	293	292	291	290	289	288	287	286	285	285	284	284	283	283
25	296	294	292	290	289	287	285	283	282	280	278	277	275	274	273	271	271	270	270
30	296	293	289	286	283	281	278	275	273	270	268	265	263	261	259	257	256	255	255
35	297	292	288	283	279	275	271	268	264	261	257	253	250	247	244	241	240	238	237
40	297	291	286	280	275	270	265	261	256	252	246	241	236	232	228	224	221	219	218
45	294	288	282	276	270	265	259	254	248	243	236	229	222	216	210	206	202	199	197
50	289	282	276	270	264	257	251	245	238	232	223	215	207	199	192	186	181	177	174
55	281	274	268	261	254	247	240	233	226	219	209	199	189	181	172	165	159	154	151
60	271	264	257	250	242	235	227	219	211	203	192	181	170	160	151	143	136	130	126
65	259	251	244	236	228	220	212	203	195	186	174	162	150	139	128	119	111	105	101
70	245	236	228	219	211	202	193	184	175	165	152	139	127	115	104	94.5	86.3	79.8	75.3
75	225	216	207	199	189	180	171	162	152	143	129	116	103	91.5	80.5	70.7	62.3	55.7	51.2
80	171	166	160	155	149	142	136	129	121	114	102	90.6	79.3	68.4	58.1	48.8	40.7	34.1	29.1
85	89.9	87.1	84.1	80.9	77.5	74.0	70.2	66.2	62.0	57.7	51.3	44.9	38.6	32.4	26.6	21.3	16.6	12.6	9.53
90	11.7	10.3	9.04	7.86	6.76	5.76	4.84	4.01	3.27	2.62	2.13	1.72	1.39	1.13	0.94	0.81	0.73	0.71	0.74
95	60.3	58.0	55.7	53.2	50.7	48.1	45.4	42.6	39.8	36.9	33.0	29.0	25.2	21.4	17.9	14.6	11.7	9.25	7.26
100	96.9	94.3	91.4	88.4	85.3	82.0	78.5	74.8	71.0	67.0	61.2	55.3	49.5	44.0	38.7	33.9	29.6	26.0	23.3
105	130	127	124	120	116	112	108	103	98.5	93.7	86.6	79.6	72.6	65.9	59.6	53.9	48.8	44.7	41.5
110	147	143	139	135	131	126	122	117	113	108	101	94.9	88.7	82.6	77.0	72.0	67.6	64.0	61.3
115	157	153	150	146	143	139	135	131	127	123	117	111	106	100	95.4	90.9	86.9	83.6	81.1
120	166	164	161	158	155	152	149	146	142	139	134	128	123	118	114	110	106	103	100
125	178	175	173	170	168	165	162	159	156	152	148	143	139	135	130	127	124	121	119
130	188	185	183	180	178	175	173	170	167	164	160	156	153	149	146	142	140	138	136
135	196	193	191	189	186	184	181	179	177	174	171	168	165	162	160	158	155	154	153
140	201	199	197	195	193	191	189	187	185	183	181	179	176	174	172	171	169	168	167
145	206	204	203	201	200	198	197	195	194	192	191	189	187	186	184	183	182	181	180
150	209	208	208	207	206	205	204	203	202	201	199	198	197	196	195	194	193	192	191
155	214	213	213	212	211	211	210	209	209	208	207	206	205	204	204	203	202	202	201
160	218	217	217	216	216	216	215	215	214	214	213	213	212	212	211	211	210	210	209
165	220	220	220	220	220	219	219	219	219	219	218	218	217	217	217	216	216	216	216
170	222	222	222	222	222	222	222	222	222	222	221	221	221	221	221	221	221	220	220
175	223	223	223	223	223	223	223	223	223	223	223	223	223	223	223	223	223	223	222
180	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222

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:121.3V I:0.1310A P:15.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1963.03x1 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	309	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308
5	306	306	306	307	307	307	307	307	307	307	307	307	307	307	307	307	307	307	307
10	301	302	302	302	302	303	303	303	304	304	304	304	304	305	305	305	305	305	305
15	294	294	295	295	296	296	297	297	298	299	299	300	300	301	301	302	302	302	302
20	284	284	285	286	287	288	289	290	291	292	294	295	296	297	298	299	299	300	300
25	270	271	273	274	276	277	279	281	283	285	287	289	291	293	295	296	298	299	298
30	255	257	259	261	263	266	268	271	274	278	281	285	288	291	294	296	298	300	299
35	239	241	243	246	250	253	257	261	265	270	275	280	284	289	292	296	298	300	299
40	220	223	227	231	235	241	246	252	257	263	269	275	280	285	290	294	297	299	298
45	199	203	208	214	220	227	234	241	248	255	262	269	275	281	286	290	293	296	294
50	178	182	188	195	203	211	220	229	238	245	253	260	267	273	279	283	287	289	288
55	155	161	167	175	184	194	204	214	224	233	241	249	257	263	269	274	278	281	279
60	131	137	145	154	164	174	186	197	208	218	227	236	244	251	257	262	267	269	267
65	106	112	121	131	142	153	166	178	191	201	211	220	229	237	244	249	254	256	254
70	80.4	87.4	96.2	106	118	130	143	156	169	180	191	201	211	219	227	233	237	241	237
75	56.6	64.0	73.0	83.4	94.8	107	120	132	145	154	162	169	176	182	187	191	194	196	194
80	33.6	39.7	47.2	55.7	65.0	74.8	84.7	94.5	104	108	111	114	116	118	119	119	119	119	119
85	11.6	14.5	18.0	22.0	26.3	30.8	35.2	39.3	43.1	42.5	41.5	40.1	38.4	36.6	34.7	32.8	31.0	29.5	31.1
90	0.83	0.96	1.12	1.29	1.47	1.66	1.84	2.00	2.15	2.08	1.99	1.88	1.76	1.64	1.52	1.41	1.32	1.26	1.40
95	8.03	9.26	10.9	12.7	14.8	17.0	19.1	21.1	23.0	22.4	21.6	20.6	19.6	18.4	17.4	16.4	15.5	14.9	16.4
100	24.8	27.1	30.0	33.5	37.4	41.7	46.1	50.5	54.8	57.3	59.6	61.6	63.4	65.0	66.3	67.4	68.3	68.9	69.4
105	43.8	47.0	51.1	55.8	61.1	66.7	72.4	78.2	83.8	87.0	89.8	92.3	94.5	96.4	98.0	99.2	100	101	101
110	62.8	65.4	68.7	72.7	77.2	82.2	87.5	93.1	98.7	104	109	114	118	123	126	130	132	134	133
115	82.3	84.3	87.0	90.3	94.2	98.5	103	108	113	118	123	128	133	137	141	144	147	149	148
120	102	103	106	109	112	116	120	125	129	133	137	141	145	148	151	154	156	157	156
125	120	121	123	126	129	132	136	140	143	147	150	154	157	160	162	164	166	167	167
130	137	138	140	142	144	147	150	153	156	159	162	165	168	171	173	175	177	178	177
135	153	154	155	156	158	160	162	165	167	170	173	175	178	180	183	184	186	187	186
140	167	167	168	169	171	172	174	175	177	180	182	184	187	189	191	192	194	195	194
145	180	180	181	181	182	183	184	185	187	189	190	192	194	195	197	198	199	200	199
150	191	192	192	192	193	193	194	195	196	197	198	199	200	201	202	203	204	204	204
155	201	201	201	201	202	202	203	203	204	204	205	206	206	207	207	208	208	208	208
160	209	209	209	209	209	210	210	210	210	211	211	211	211	212	212	212	212	212	212
165	216	215	215	215	215	215	215	215	216	216	216	216	216	216	216	216	216	216	216
170	220	220	220	220	220	220	220	220	219	219	219	219	219	219	219	219	219	219	219
175	222	222	222	222	222	222	222	222	222	222	222	222	222	222	221	221	221	221	221
180	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222

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:121.3V I:0.1310A P:15.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1963.03x1 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	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308	309	309	308
5	307	307	307	307	307	307	307	308	308	308	308	308	308	308	308	308	308	308	308
10	305	305	305	305	305	305	305	305	305	305	305	305	305	305	305	305	305	305	305
15	302	302	302	302	301	301	301	301	300	300	300	300	299	299	299	299	299	299	299
20	299	299	298	298	297	296	295	295	294	293	293	292	291	291	290	290	290	290	290
25	297	296	295	294	293	291	289	288	286	285	283	282	281	280	279	278	278	278	278
30	297	296	294	291	288	286	283	280	277	275	273	271	269	267	266	265	264	264	265
35	297	295	292	288	285	281	276	272	269	265	262	258	255	253	251	249	247	248	249
40	296	293	289	285	280	275	270	265	260	254	250	245	241	237	233	231	229	230	232
45	292	288	284	279	274	268	262	256	249	243	236	230	224	219	215	211	208	210	213
50	285	281	277	272	266	259	252	245	237	229	221	213	206	200	194	189	186	189	193
55	276	272	266	260	254	247	239	231	221	212	203	194	185	178	171	166	162	165	170
60	263	259	253	246	239	230	222	213	202	191	181	171	162	153	146	140	136	140	145
65	249	244	237	229	221	211	202	192	180	169	157	147	137	128	120	114	110	114	119
70	232	226	218	210	200	190	179	168	156	144	132	121	111	102	93.8	87.5	83.0	87.1	93.1
75	191	187	181	175	168	161	153	144	132	120	108	97.1	86.4	76.8	68.4	61.7	56.9	61.5	68.0
80	119	118	117	115	113	110	107	103	94.1	84.7	75.3	66.0	57.2	49.2	42.3	36.6	32.7	37.9	44.8
85	32.9	34.9	36.9	38.8	40.6	42.1	43.2	43.9	40.4	36.4	32.2	28.0	23.9	20.1	16.7	14.0	12.1	15.2	19.2
90	1.57	1.75	1.94	2.13	2.31	2.47	2.62	2.73	2.58	2.40	2.20	1.99	1.79	1.61	1.45	1.32	1.24	1.34	1.50
95	18.2	20.1	22.0	23.8	25.6	27.1	28.4	29.3	27.0	24.5	21.7	18.9	16.1	13.5	11.2	9.32	8.01	10.3	13.2
100	69.7	69.7	69.3	68.7	67.7	66.3	64.6	62.5	57.5	52.3	47.0	41.7	36.8	32.3	28.4	25.2	23.0	26.3	30.5
105	101	101	100	99.1	97.6	95.7	93.3	90.5	84.4	78.0	71.4	65.0	58.8	53.2	48.2	44.0	40.9	43.6	47.4
110	131	129	126	123	119	114	110	105	98.6	92.5	86.4	80.6	75.1	70.1	65.8	62.3	59.8	61.8	64.7
115	146	143	140	136	132	127	123	118	112	107	101	96.2	91.5	87.3	83.6	80.7	78.7	80.6	83.3
120	155	153	150	147	144	140	136	132	127	123	118	113	109	105	102	99.2	97.3	99.0	101
125	165	164	161	159	156	153	150	146	142	138	133	129	126	122	119	117	115	117	119
130	176	174	172	170	167	165	162	158	155	151	148	144	141	138	136	134	132	133	135
135	185	184	182	179	177	174	172	169	166	163	160	157	155	152	150	149	148	148	150
140	193	191	190	188	185	183	181	178	176	174	171	169	167	165	164	163	162	163	164
145	198	197	196	194	193	191	189	187	185	184	182	180	179	178	177	176	175	176	177
150	203	202	202	201	199	198	197	196	194	193	192	191	190	189	188	187	187	188	188
155	208	207	207	206	205	205	204	203	202	201	201	200	199	199	198	198	198	198	199
160	212	212	212	211	211	211	210	210	209	209	208	208	207	207	207	206	206	207	207
165	216	216	216	216	216	216	215	215	215	215	214	214	214	214	213	213	213	213	214
170	219	219	219	219	219	219	219	219	219	219	219	219	219	218	218	218	218	218	219
175	221	221	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222
180	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222

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:121.3V I:0.1310A P:15.80W PF:0.9900 Freq:60.00Hz Lamp Flux:1963.03x1 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	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308				
5	308	308	308	308	308	308	308	308	308	308	308	308	308	308	308				
10	305	305	305	305	305	305	305	305	305	305	305	305	305	305	305				
15	299	299	299	299	299	299	300	300	300	300	301	301	301	302	302				
20	290	290	291	291	292	293	293	294	294	295	296	296	297	298	298				
25	279	280	281	282	283	284	285	286	288	289	290	291	292	294	295				
30	266	267	269	271	273	275	277	279	280	282	285	287	289	291	294				
35	251	253	256	258	261	265	268	271	274	277	280	283	286	290	293				
40	235	238	242	246	250	255	260	264	268	272	276	280	284	288	292				
45	217	221	227	232	238	244	251	256	260	265	270	275	279	284	289				
50	197	203	210	217	224	232	240	246	251	257	262	268	273	278	284				
55	176	183	191	199	208	217	226	233	239	245	252	258	264	270	275				
60	151	159	168	177	188	198	208	216	223	230	237	244	251	258	265				
65	126	135	144	155	165	177	188	196	204	212	220	228	236	244	251				
70	101	110	120	131	142	154	166	175	184	193	202	210	219	228	236				
75	76.1	85.7	96.5	108	120	133	146	155	164	173	182	191	200	208	217				
80	53.1	62.5	72.8	83.8	95.1	107	118	125	132	139	145	151	157	162	166				
85	23.8	29.1	34.8	40.8	47.0	53.3	59.5	63.7	67.7	71.5	75.1	78.5	81.6	84.6	87.4				
90	1.72	1.99	2.32	2.70	3.14	3.64	4.19	4.79	5.46	6.18	6.95	7.78	8.67	9.61	10.6				
95	16.6	20.4	24.5	28.8	33.2	37.6	41.8	44.7	47.3	49.7	52.0	54.0	55.9	57.5	59.0				
100	35.5	41.1	47.2	53.6	60.2	66.7	73.1	77.0	80.7	84.0	86.9	89.6	91.9	93.9	95.6				
105	52.2	57.7	63.9	70.5	77.4	84.5	91.6	96.5	101	106	110	115	119	123	127				
110	68.5	73.0	78.1	83.8	89.8	96.0	102	107	112	117	122	127	132	137	142				
115	86.8	91.0	95.7	101	106	112	118	122	126	131	135	139	144	148	152				
120	105	108	113	117	122	127	132	136	140	144	147	151	155	159	163				
125	122	125	128	132	137	141	146	149	153	156	160	163	167	171	174				
130	137	140	143	146	150	153	157	160	164	167	170	173	177	180	184				
135	151	153	156	158	161	164	168	170	173	176	179	182	186	189	192				
140	165	167	168	171	173	175	178	180	183	185	187	190	193	196	198				
145	178	179	181	182	184	186	188	190	192	193	195	197	199	201	203				
150	189	190	192	193	194	196	197	199	200	201	203	204	205	207	208				
155	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213				
160	207	208	209	209	210	211	212	212	213	214	214	215	216	216	217				
165	214	214	215	215	216	216	217	217	217	218	218	219	219	219	220				
170	219	219	219	219	220	220	220	220	221	221	221	221	222	222	222				
175	222	222	222	222	222	222	222	222	223	223	223	223	223	223	223				
180	222	222	222	222	222	222	222	222	222	222	222	222	222	222	222				

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: