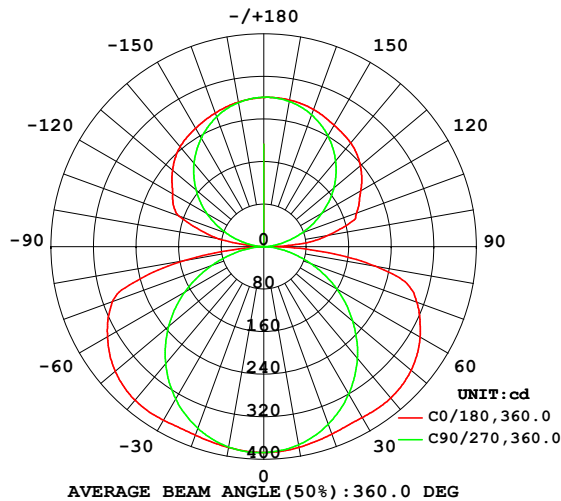


LUMINAIRE PHOTOMETRIC TEST REPORT

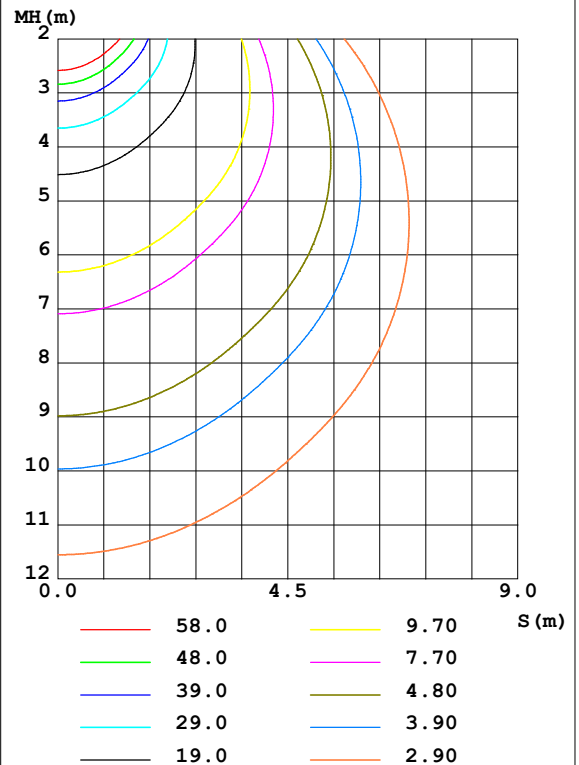
Test:U:121.2V I:0.1600A P:19.40W PF:0.9900 Freq:60.00Hz Lamp Flux:2470.59x1 lm		
NAME: 14代2FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 127.35 lm/W			
MODEL		I _{max} (cd)	387.3	S/MH(C0/180)	1.48
NOMINAL POWER(W)	20W	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	2470.6	η UP,DN(C0-180)	20.2,29.6
NOMINAL FLUX(lm)	2470.59	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	20.1,30.2
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:

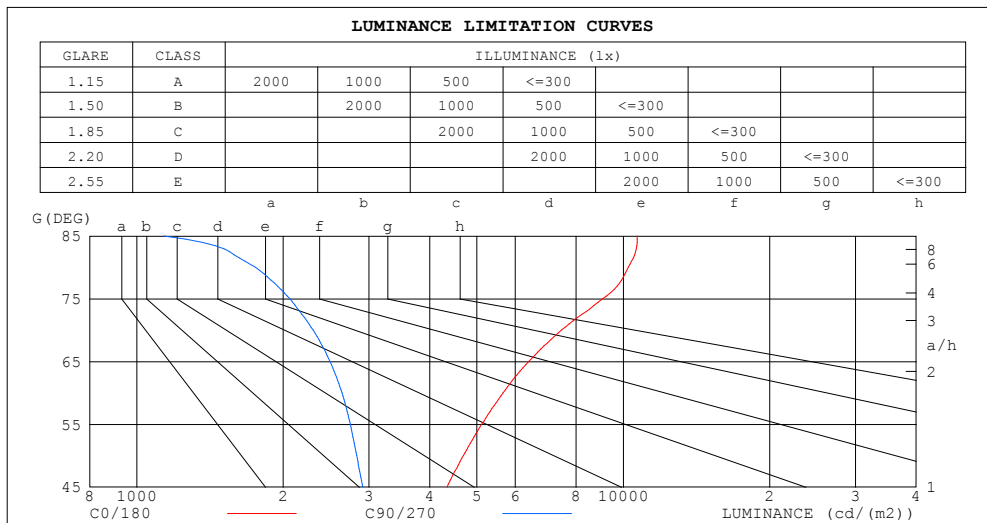
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	383.2	379.6	378.2	381.1	383.3	383.1	382.6	382.3	0- 10	36.68	36.68	1.48,1.48
20	375.0	362.5	355.3	365.8	377.1	370.3	363.5	367.7	10- 20	106.0	142.7	5.78,5.78
30	371.0	339.1	319.8	344.9	377.1	351.8	331.1	347.1	20- 30	165.0	307.8	12.5,12.5
40	371.5	315.5	274.2	324.1	376.9	333.0	287.0	326.1	30- 40	210.9	518.7	21,21
50	361.8	290.4	218.5	299.4	364.7	308.3	233.8	301.4	40- 50	240.7	759.4	30.7,30.7
60	339.5	254.4	158.4	262.7	339.4	267.4	172.1	261.6	50- 60	247.9	1007	40.8,40.8
70	306.3	206.6	94.61	212.9	303.4	211.8	104.4	209.0	60- 70	228.6	1236	50,50
80	213.2	139.7	36.55	131.2	151.2	129.8	41.19	148.1	70- 80	179.1	1415	57.3,57.3
90	15.37	3.220	0.9265	2.582	1.321	3.492	1.593	5.167	80- 90	60.85	1476	59.7,59.7
100	122.2	84.55	29.31	69.30	86.22	78.29	29.07	92.69	90-100	38.05	1514	61.3,61.3
110	185.8	136.7	77.28	124.8	170.4	131.7	75.14	130.0	100-110	109.5	1623	65.7,65.7
120	210.7	175.6	126.6	162.9	197.9	167.3	123.0	168.4	110-120	145.8	1769	71.6,71.6
130	237.2	207.4	172.3	197.1	224.1	199.4	166.2	198.9	120-130	164.1	1933	78.3,78.3
140	254.5	231.3	210.2	223.3	245.1	224.2	204.4	224.7	130-140	165.1	2098	84.9,84.9
150	264.3	253.2	241.2	246.6	257.0	246.4	235.5	249.2	140-150	149.3	2248	91,91
160	274.6	269.9	263.8	265.0	267.5	264.2	259.9	267.0	150-160	119.2	2367	95.8,95.8
170	280.1	279.3	277.3	276.5	276.1	276.1	275.1	277.8	160-170	77.06	2444	98.9,98.9
180	280.4	280.4	280.4	280.4	280.4	280.4	280.4	280.4	170-180	26.65	2471	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:121.2V I:0.1600A P:19.40W PF:0.9900 Freq:60.00Hz Lamp Flux:2470.59x1 lm		
NAME: 14代2FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	10682	1137
80	10232	1754
75	9070	2064
70	7463	2305
65	6389	2495
60	5658	2641
55	5117	2749
50	4691	2832
45	4340	2914

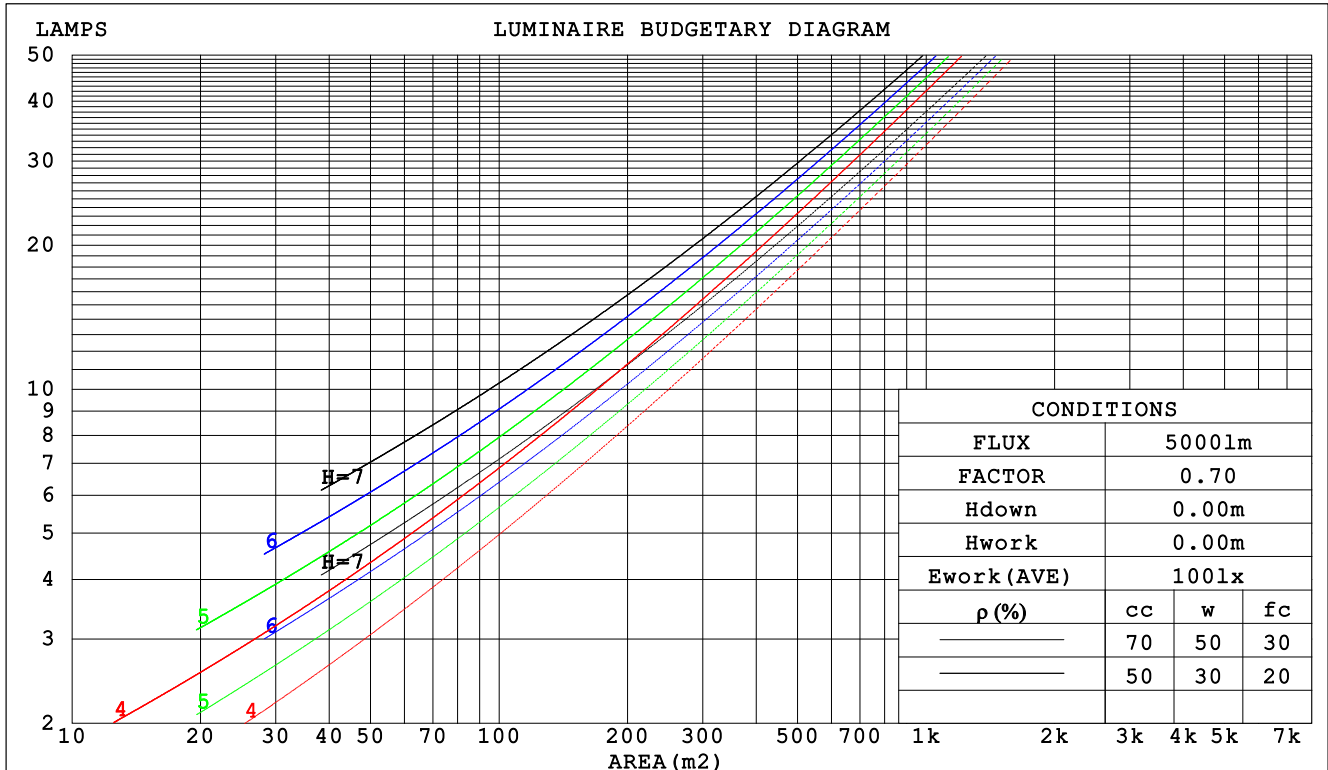
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:121.2V I:0.1600A P:19.40W PF:0.9900 Freq:60.00Hz Lamp Flux:2470.59x1 lm		
NAME: 14代2FT	TYPE:3500K	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	.37	.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	.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:121.2V I:0.1600A P:19.40W PF:0.9900 Freq:60.00Hz Lamp Flux:2470.59x1 lm		
NAME: 14代2FT	TYPE:3500K	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	.206	.119	.038		
2.0	.296	.162	.050	.279	.153	.047	.246	.137	.042	.215	.121	.038	.187	.106	.033		
3.0	.269	.143	.043	.253	.136	.041	.223	.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	.163	.086	.026	.141	.076	.023		
6.0	.208	.104	.030	.196	.099	.028	.173	.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	.497	.497	.497	.425	.425	.425	.290	.290	.290	.167	.167	.167	.053	.053	.053	
1.0	.491	.465	.443	.420	.399	.381	.287	.275	.263	.165	.159	.153	.053	.051	.050	
2.0	.484	.443	.409	.415	.382	.353	.284	.264	.247	.164	.154	.145	.053	.050	.047	
3.0	.477	.427	.387	.409	.369	.336	.281	.256	.236	.162	.150	.139	.052	.049	.045	
4.0	.470	.415	.373	.404	.359	.324	.278	.250	.228	.161	.146	.135	.052	.048	.044	
5.0	.464	.406	.363	.398	.351	.316	.274	.245	.223	.159	.144	.132	.051	.047	.044	
6.0	.457	.398	.356	.393	.345	.310	.271	.242	.220	.157	.142	.131	.051	.046	.043	
7.0	.450	.392	.351	.387	.340	.306	.268	.238	.217	.156	.140	.129	.050	.046	.043	
8.0	.444	.387	.347	.382	.336	.303	.265	.236	.215	.154	.139	.128	.050	.046	.042	
9.0	.439	.382	.344	.378	.332	.300	.262	.233	.213	.152	.138	.127	.049	.045	.042	
10.0	.433	.378	.342	.373	.329	.298	.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:121.2V I:0.1600A P:19.40W PF:0.9900 Freq:60.00Hz Lamp Flux:2470.59x1 lm										
NAME: 14代2FT					TYPE:3500K			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	16.6	17.7	17.4	18.5	19.5	13.7	14.8	14.4	15.5	16.5
3H	19.5	20.4	20.2	21.3	22.2	15.0	16.0	15.8	16.8	17.8
4H	21.0	21.9	21.8	22.7	23.7	15.5	16.4	16.3	17.2	18.2
6H	22.4	23.2	23.2	24.1	25.1	15.8	16.7	16.6	17.5	18.5
8H	22.9	23.7	23.7	24.6	25.6	15.8	16.7	16.7	17.5	18.6
12H	23.3	24.1	24.1	24.9	26.0	15.8	16.6	16.7	17.5	18.6
4H 2H	17.1	18.0	17.9	18.8	19.8	15.0	15.9	15.8	16.7	17.7
3H	20.1	20.9	20.9	21.7	22.8	16.6	17.4	17.4	18.2	19.3
4H	21.8	22.5	22.6	23.4	24.4	17.2	17.9	18.1	18.8	19.9
6H	23.3	24.0	24.2	24.8	26.0	17.6	18.3	18.5	19.2	20.3
8H	23.9	24.5	24.8	25.4	26.6	17.8	18.3	18.6	19.2	20.4
12H	24.4	24.9	25.3	25.8	27.0	17.8	18.3	18.7	19.2	20.4
8H 4H	22.0	22.5	22.8	23.4	24.6	18.3	18.9	19.2	19.8	21.0
6H	23.7	24.2	24.6	25.1	26.3	19.1	19.6	20.0	20.5	21.7
8H	24.5	24.9	25.4	25.8	27.0	19.3	19.7	20.2	20.7	21.9
12H	25.1	25.4	26.0	26.4	27.6	19.4	19.8	20.4	20.7	21.9
12H 4H	21.9	22.5	22.8	23.4	24.5	18.6	19.2	19.5	20.1	21.2
6H	23.7	24.2	24.7	25.1	26.3	19.5	20.0	20.5	20.9	22.1
8H	24.6	24.9	25.5	25.9	27.1	19.9	20.2	20.8	21.2	22.4
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 2471 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.1)

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:121.2V I:0.1600A P:19.40W PF:0.9900 Freq:60.00Hz Lamp Flux:2470.59x1 lm		
NAME: 14代2FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:

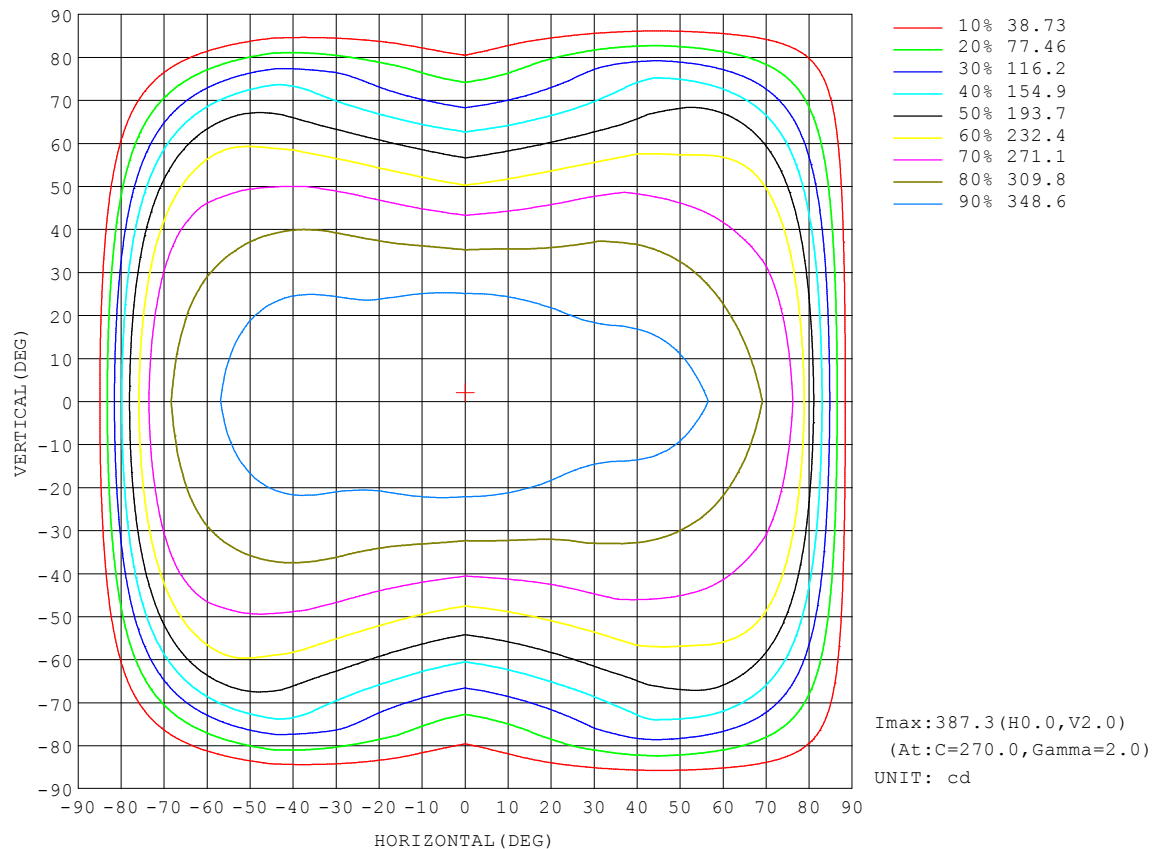
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	43	32	25	41	30	24	38	28	23	15
0.80	53	40	33	50	39	31	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	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:121.2V I:0.1600A P:19.40W PF:0.9900 Freq:60.00Hz Lamp Flux:2470.59x1 lm		
NAME: 14代2FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:

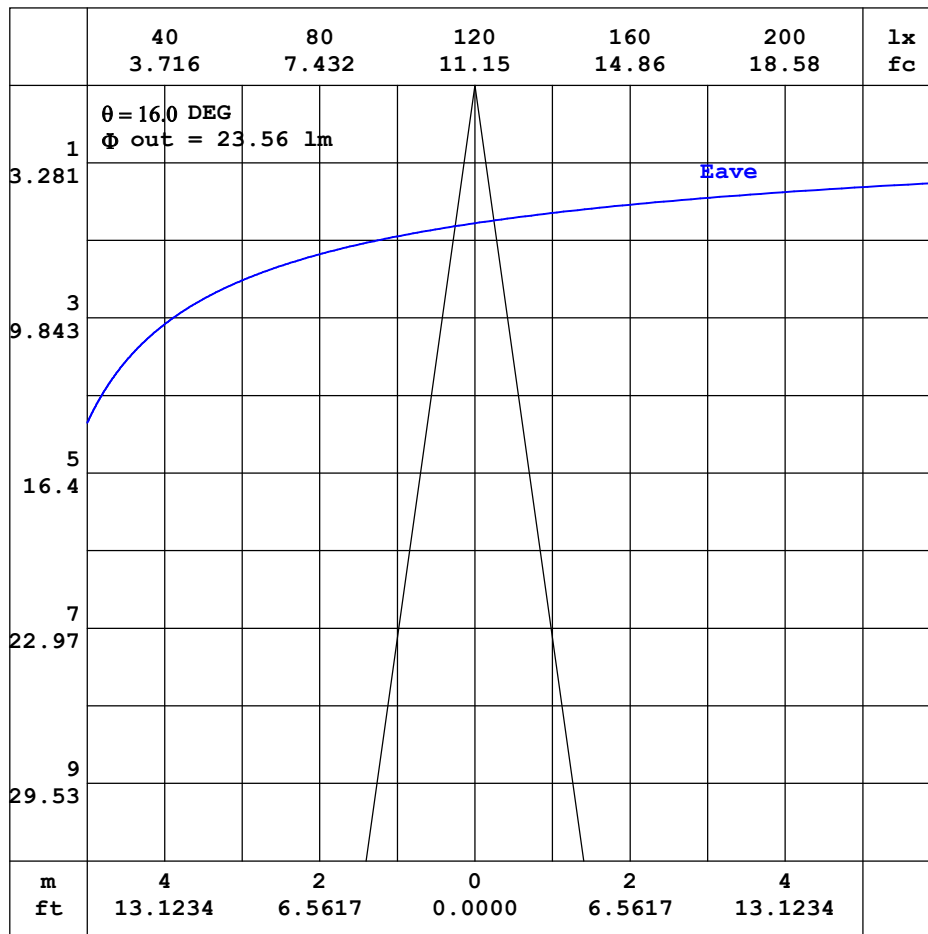


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:121.2V I:0.1600A P:19.40W PF:0.9900 Freq:60.00Hz Lamp Flux:2470.59x1 lm		
NAME: 14代2FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:



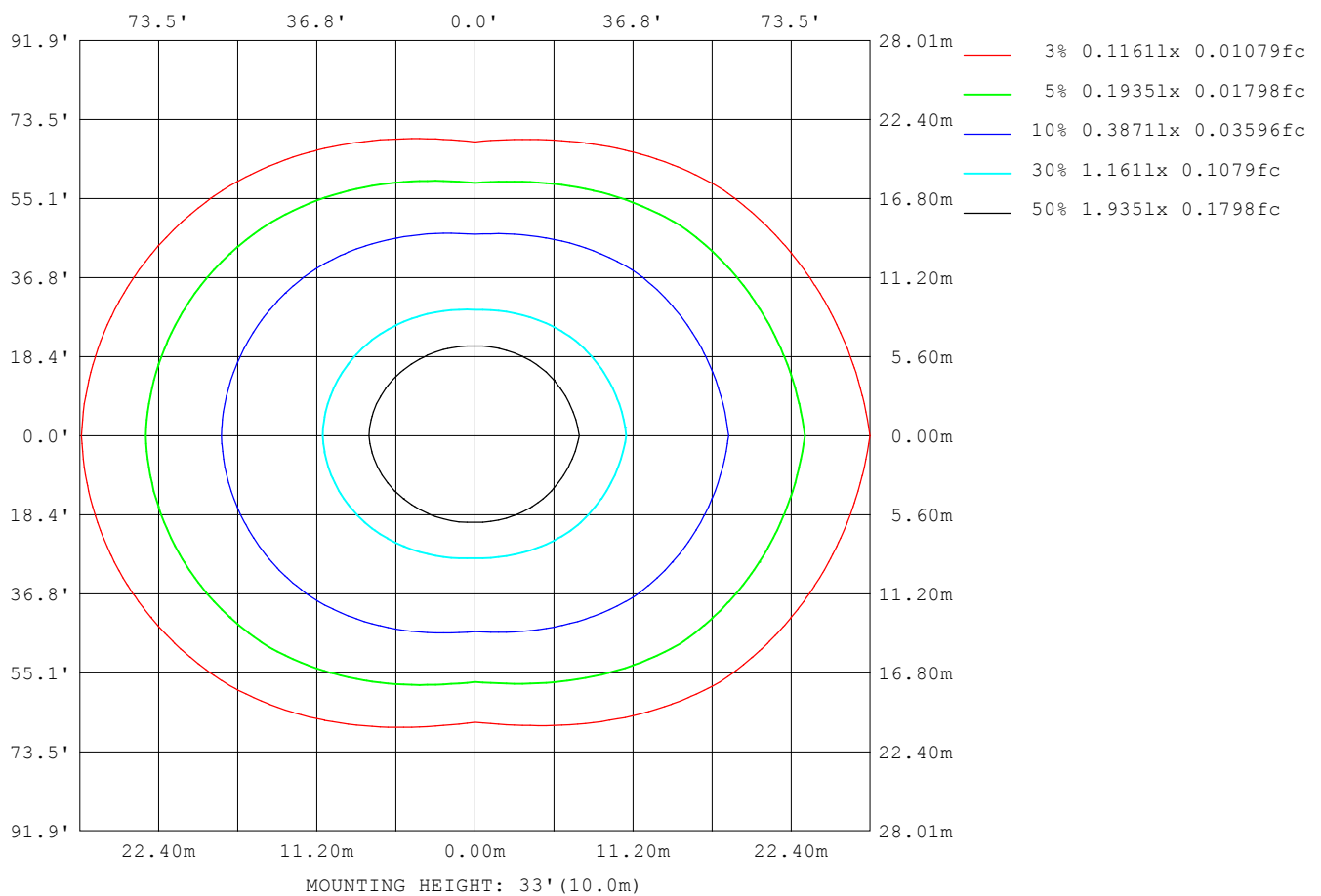
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:121.2V I:0.1600A P:19.40W PF:0.9900 Freq:60.00Hz Lamp Flux:2470.59x1 lm		
NAME: 14代2FT	TYPE:3500K	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:121.2V I:0.1600A P:19.40W PF:0.9900 Freq:60.00Hz Lamp Flux:2470.59x1 lm		
NAME: 14代2FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:

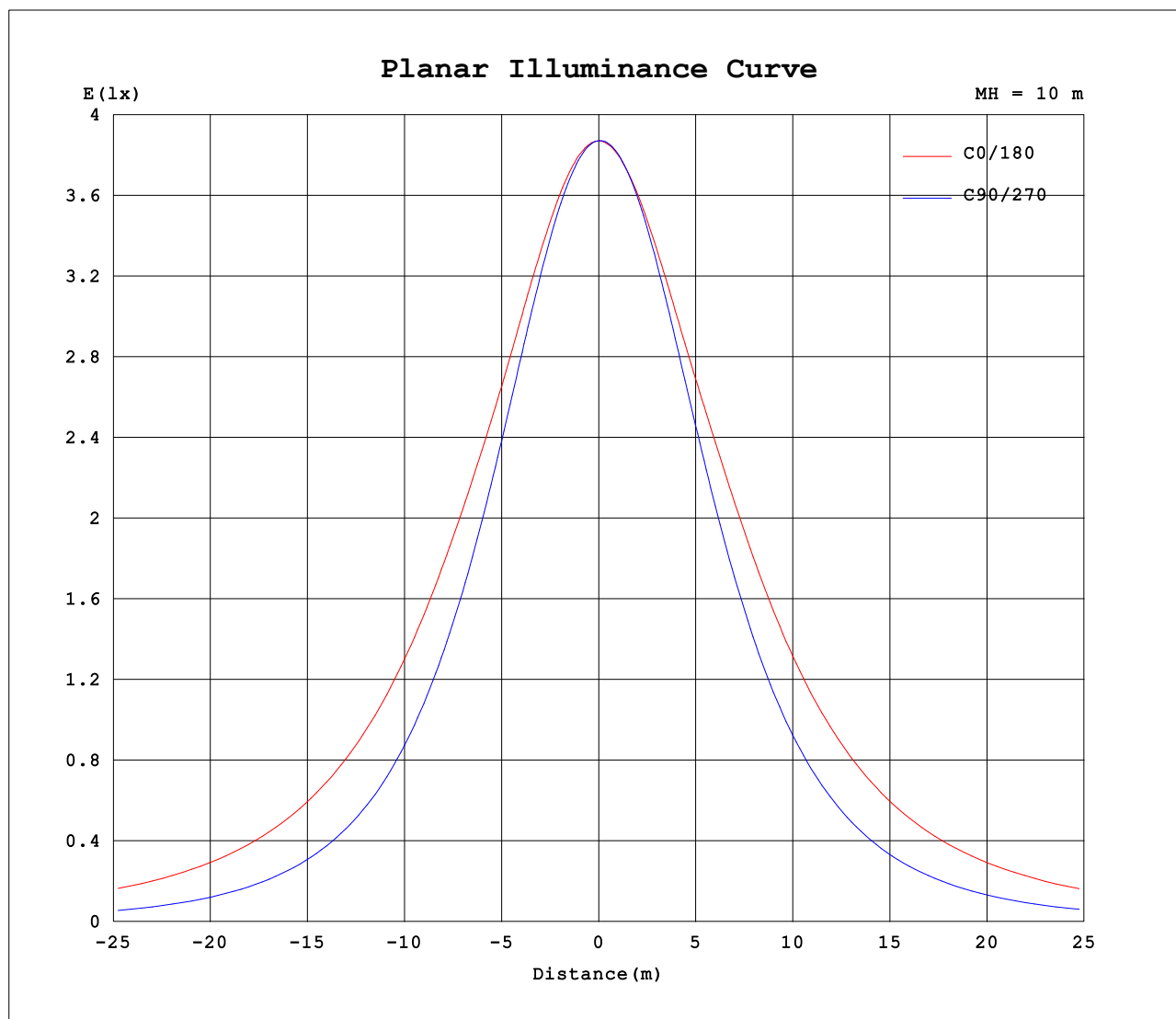
AvgL	cd/m2
L_0~180 (65) av	6382
L_0~180 (75) av	8503
L_0~180 (85) av	7118
L_90~270 (65) av	2608
L_90~270 (75) av	2185
L_90~270 (85) av	1303
L_45 (65) av	4686
L_45 (75) av	5854
L_45 (85) av	6107

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:121.2V I:0.1600A P:19.40W PF:0.9900 Freq:60.00Hz Lamp Flux:2470.59x1 lm		
NAME: 14代2FT	TYPE:3500K	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	387	387	387	387	387	387	387	387	387	387	387	387	387	387	387	387	387	387	387
5	386	386	386	385	385	385	385	385	385	385	384	384	384	384	384	384	384	384	384
10	383	383	382	382	381	381	381	380	380	380	379	379	379	379	378	378	378	378	378
15	379	378	377	376	376	375	374	373	373	372	371	371	370	370	369	369	369	369	369
20	375	373	372	370	369	367	366	365	364	362	361	360	359	358	357	356	356	355	355
25	372	369	366	364	362	359	357	355	353	351	349	347	345	343	342	341	340	339	339
30	371	367	363	359	355	352	348	345	342	339	336	333	330	327	325	323	321	320	320
35	372	366	360	355	350	345	340	335	331	327	322	317	313	309	306	303	301	299	298
40	372	365	358	351	345	339	333	327	321	315	309	302	296	291	286	282	278	276	274
45	368	361	353	346	339	332	325	318	311	304	295	287	279	271	264	258	253	250	247
50	362	354	346	338	330	322	314	306	298	290	280	269	259	249	241	233	227	222	218
55	352	344	335	327	318	309	301	292	283	274	261	249	237	226	216	207	199	193	189
60	339	331	322	312	303	294	284	274	264	254	240	227	213	201	189	179	170	163	158
65	324	315	305	295	285	275	265	254	244	233	217	202	187	173	161	149	139	132	127
70	306	296	285	274	263	252	241	230	218	207	190	174	159	144	130	118	108	100	94.6
75	282	271	260	249	238	226	215	203	191	179	162	146	130	115	101	88.5	78.0	69.8	64.1
80	213	206	199	192	184	176	167	159	149	140	126	111	97.3	84.0	71.5	60.2	50.4	42.4	36.6
85	112	108	105	101	96.3	91.9	87.2	82.2	77.1	71.6	63.7	55.8	47.9	40.3	33.1	26.5	20.6	15.7	11.9
90	15.4	13.5	11.8	10.2	8.75	7.40	6.17	5.07	4.08	3.22	2.59	2.07	1.65	1.33	1.11	0.96	0.89	0.88	0.93
95	74.3	71.7	69.0	66.1	63.2	60.1	56.9	53.6	50.1	46.5	41.6	36.7	31.8	27.1	22.6	18.5	14.8	11.6	9.08
100	122	119	115	112	108	103	99.1	94.4	89.6	84.6	77.2	69.8	62.5	55.5	48.8	42.7	37.3	32.8	29.3
105	165	161	156	152	147	141	136	130	125	118	110	101	91.7	83.2	75.3	68.0	61.6	56.4	52.4
110	186	181	176	171	165	160	154	148	143	137	128	120	112	105	97.4	91.0	85.4	80.7	77.3
115	198	194	190	185	181	176	171	166	161	156	148	141	134	127	121	115	110	105	102
120	211	207	204	201	197	193	189	185	180	176	169	162	156	150	144	138	134	130	127
125	225	222	219	215	212	208	204	201	197	193	187	181	176	170	165	161	157	154	151
130	237	234	231	228	225	221	218	215	211	207	203	198	193	189	184	181	177	174	172
135	247	244	241	238	235	232	229	226	223	220	216	212	208	205	202	199	196	194	192
140	255	252	249	247	244	241	239	236	234	231	228	225	222	220	217	215	213	211	210
145	260	258	256	254	252	250	248	246	244	243	240	238	236	234	232	230	229	228	227
150	264	263	262	261	259	258	257	256	254	253	252	250	248	247	245	244	243	242	241
155	270	269	268	268	267	266	265	264	263	263	261	260	259	258	257	256	255	254	253
160	275	274	274	273	273	272	272	271	270	270	269	268	268	267	266	265	265	264	264
165	278	278	278	277	277	277	276	276	276	276	275	275	274	274	273	273	273	272	272
170	280	280	280	280	280	280	280	280	279	279	279	279	279	279	278	278	278	277	277
175	281	281	281	281	281	281	281	281	281	281	281	281	281	281	281	281	281	281	281
180	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280

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:121.2V I:0.1600A P:19.40W PF:0.9900 Freq:60.00Hz Lamp Flux:2470.59x1 lm		
NAME: 14代2FT	TYPE:3500K	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	387	387	387	387	387	387	387	387	387	387	387	387	387	387	387	387	387	387	387
5	385	385	385	385	385	385	385	385	385	385	385	386	386	386	386	386	386	386	386
10	378	379	379	379	380	380	380	381	381	381	382	382	382	383	383	383	383	383	383
15	369	369	370	371	371	372	373	374	374	375	376	377	377	378	379	379	380	380	380
20	356	357	358	359	360	361	363	364	366	367	369	370	372	373	374	376	376	377	377
25	340	341	342	344	346	349	351	353	356	359	361	364	366	369	371	373	374	376	375
30	321	323	325	328	331	334	337	341	345	349	354	358	362	366	370	373	375	377	376
35	300	302	306	309	314	318	323	329	334	340	346	352	358	363	368	372	376	378	377
40	277	280	285	290	296	303	310	317	324	332	339	346	353	359	365	370	374	377	375
45	251	256	262	269	277	285	294	304	313	322	330	339	346	353	360	365	369	372	370
50	223	229	237	246	255	266	277	288	299	309	319	328	337	344	351	357	362	365	363
55	194	202	210	221	232	244	257	270	283	294	304	314	324	332	339	346	350	354	351
60	164	172	182	194	206	220	234	248	263	275	286	297	307	316	324	331	336	339	336
65	133	142	152	165	179	193	209	225	240	254	266	278	289	299	307	314	320	323	320
70	101	110	121	134	148	164	180	196	213	227	241	254	266	277	286	294	300	303	299
75	71.1	80.6	92.2	105	120	136	152	168	183	195	205	214	223	230	236	241	244	246	244
80	42.3	50.1	59.6	70.4	82.2	94.5	107	119	131	137	141	145	147	149	151	152	152	151	151
85	14.5	18.2	22.7	27.8	33.3	38.9	44.5	49.8	54.5	53.8	52.5	50.7	48.6	46.2	43.8	41.3	39.1	37.2	39.1
90	1.04	1.19	1.38	1.58	1.80	2.02	2.22	2.42	2.58	2.47	2.33	2.17	2.00	1.84	1.67	1.53	1.41	1.32	1.53
95	10.1	11.6	13.7	16.1	18.7	21.4	24.1	26.7	29.0	28.3	27.3	26.0	24.7	23.2	21.9	20.6	19.5	18.7	20.6
100	31.2	34.1	37.9	42.4	47.3	52.7	58.2	63.8	69.3	72.4	75.1	77.6	79.8	81.7	83.3	84.5	85.5	86.2	86.9
105	55.2	59.3	64.5	70.5	77.1	84.2	91.5	98.8	106	110	113	116	119	121	123	125	126	126	127
110	79.3	82.4	86.6	91.7	97.5	104	111	118	125	132	138	144	150	156	160	165	168	170	169
115	104	106	110	114	119	124	130	136	143	149	156	162	168	173	178	182	185	188	186
120	128	130	133	137	142	147	152	157	163	168	173	178	182	187	190	194	196	198	197
125	152	154	157	160	163	167	172	176	181	185	190	194	198	201	204	207	209	211	210
130	173	175	177	179	182	186	189	193	197	201	205	208	212	215	218	221	223	224	223
135	193	194	195	197	199	202	205	208	211	214	218	221	224	227	230	232	234	236	235
140	210	211	212	213	215	217	219	221	223	226	229	232	235	238	240	242	244	245	244
145	227	227	228	229	230	231	232	234	235	237	240	242	244	246	248	250	251	252	251
150	241	241	242	242	243	244	245	246	247	248	249	251	252	253	255	256	256	257	256
155	253	253	254	254	254	255	255	256	256	257	258	259	260	260	261	262	262	262	262
160	264	264	264	264	264	264	264	265	265	265	266	266	266	266	267	267	267	267	267
165	272	272	272	272	271	272	272	272	272	272	272	272	272	272	272	272	272	272	272
170	277	277	277	277	277	277	277	277	277	276	276	276	276	276	276	276	276	276	276
175	280	280	280	280	280	280	280	280	280	280	280	279	279	279	279	279	279	279	279
180	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280

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:121.2V I:0.1600A P:19.40W PF:0.9900 Freq:60.00Hz Lamp Flux:2470.59x1 lm		
NAME: 14代2FT	TYPE:3500K	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	387	387	387	387	387	387	387	387	387	387	387	387	387	387	387	387	387	387	387
5	386	386	386	386	386	386	386	386	386	386	386	386	386	387	387	387	387	387	387
10	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	382	382
15	380	380	380	379	379	378	378	378	377	377	377	376	376	376	375	375	375	375	375
20	377	376	375	374	373	372	371	370	369	368	368	367	366	365	364	364	364	364	364
25	374	373	371	370	368	366	364	361	360	358	356	354	353	352	350	349	349	349	349
30	374	372	369	366	363	359	356	352	349	346	343	340	338	336	334	332	331	332	333
35	374	371	367	363	358	353	348	342	338	333	329	325	321	317	315	312	311	312	313
40	372	368	364	358	353	346	340	333	326	320	314	308	302	297	293	290	287	289	291
45	367	363	358	352	345	338	330	322	314	305	297	289	282	275	270	265	262	264	268
50	359	354	349	342	334	326	317	308	298	288	278	268	259	251	244	238	234	237	242
55	347	342	336	328	320	310	301	290	278	266	255	243	233	224	215	209	204	208	214
60	332	326	318	310	300	290	279	267	254	241	228	216	204	194	185	177	172	176	183
65	314	307	299	289	278	266	254	241	227	212	198	185	172	161	151	144	138	143	150
70	293	285	275	264	252	239	226	212	196	181	166	152	139	128	118	110	104	110	117
75	240	235	228	221	212	203	192	181	166	151	137	122	109	96.7	86.2	77.7	71.6	77.4	85.6
80	151	150	148	146	143	139	135	130	118	107	94.8	83.1	72.1	62.0	53.2	46.2	41.2	47.8	56.4
85	41.4	43.8	46.2	48.6	50.8	52.7	54.1	55.0	50.5	45.6	40.4	35.2	30.1	25.3	21.1	17.7	15.4	19.3	24.2
90	1.77	2.03	2.31	2.58	2.85	3.10	3.31	3.49	3.31	3.09	2.84	2.58	2.33	2.09	1.88	1.71	1.59	1.70	1.87
95	22.7	25.0	27.3	29.6	31.8	33.7	35.2	36.4	33.6	30.4	26.9	23.4	20.0	16.8	14.0	11.7	10.2	13.2	16.9
100	87.2	87.1	86.7	85.9	84.7	83.0	80.9	78.3	72.0	65.5	58.9	52.3	46.2	40.5	35.7	31.8	29.1	33.3	38.6
105	127	127	126	125	123	120	117	114	106	97.9	89.7	81.6	73.9	66.7	60.5	55.3	51.4	54.9	59.9
110	167	164	160	155	150	144	138	132	124	116	108	101	94.2	88.0	82.6	78.3	75.1	77.8	81.6
115	184	181	177	172	167	161	155	149	142	135	128	122	116	110	106	102	99.5	102	106
120	195	192	189	186	182	177	172	167	161	155	149	143	138	133	129	125	123	125	129
125	208	206	203	200	197	193	188	184	179	173	168	163	158	154	150	147	145	147	150
130	222	219	217	214	211	207	203	199	195	190	186	181	177	174	171	168	166	168	170
135	233	231	229	226	223	219	216	212	209	205	201	198	195	192	189	187	186	187	189
140	243	241	239	236	233	230	227	224	221	218	216	213	211	208	207	205	204	205	207
145	250	248	247	245	242	240	238	235	233	231	229	227	225	224	222	221	221	222	223
150	256	255	254	252	251	249	248	246	245	243	242	240	239	238	237	236	236	236	237
155	262	261	260	260	259	258	257	256	255	254	253	252	251	250	249	249	249	249	250
160	267	267	266	266	266	265	265	264	264	263	262	262	261	261	260	260	260	260	261
165	272	272	272	272	272	271	271	271	271	270	270	270	269	269	269	269	269	269	269
170	276	276	276	276	276	276	276	276	276	276	276	276	275	275	275	275	275	275	276
175	279	279	279	279	279	279	280	280	280	280	280	279	279	279	279	279	279	279	279
180	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280

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:121.2V I:0.1600A P:19.40W PF:0.9900 Freq:60.00Hz Lamp Flux:2470.59x1 lm																	
NAME: 14代2FT									TYPE:3500K						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	387	387	387	387	387	387	387	387	387	387	387	387	387	387	387				
5	386	386	386	386	386	386	386	386	386	386	386	386	386	386	386				
10	382	382	382	382	382	382	382	382	382	382	383	383	383	383	383				
15	375	375	375	375	376	376	376	376	377	377	377	378	378	378	379				
20	364	364	365	366	366	367	368	368	369	370	371	371	372	373	374				
25	350	351	352	354	355	356	358	359	361	362	363	365	367	368	370				
30	334	335	337	340	342	344	347	349	352	354	357	359	362	365	368				
35	315	318	321	324	328	332	336	340	343	347	351	355	359	363	368				
40	295	299	303	309	314	320	326	331	336	341	346	351	356	361	366				
45	272	278	284	292	299	307	315	321	327	333	339	345	351	356	362				
50	248	255	263	272	282	292	301	308	315	322	329	336	342	349	355				
55	221	230	239	250	261	272	284	292	300	308	316	323	331	338	345				
60	191	201	212	223	236	249	262	271	280	289	298	306	315	323	331				
65	159	169	181	194	208	222	236	247	257	267	277	286	296	305	315				
70	127	138	150	164	179	194	209	220	231	242	253	264	275	285	296				
75	95.9	108	122	136	152	168	184	195	207	218	229	240	251	261	271				
80	66.8	78.7	91.6	105	120	134	148	157	166	174	182	189	196	202	208				
85	30.0	36.6	43.7	51.2	58.9	66.7	74.4	79.6	84.6	89.2	93.7	97.8	102	105	109				
90	2.12	2.44	2.83	3.30	3.84	4.46	5.17	5.97	6.86	7.83	8.88	10.0	11.2	12.5	13.9				
95	21.2	25.9	31.1	36.5	41.9	47.4	52.8	56.2	59.4	62.3	64.9	67.3	69.5	71.3	73.0				
100	45.0	52.1	59.9	68.0	76.3	84.6	92.7	97.7	102	106	110	113	116	119	121				
105	66.0	73.1	80.9	89.4	98.2	107	116	122	128	134	140	145	150	155	160				
110	86.5	92.3	98.9	106	114	122	130	136	142	148	155	161	167	173	180				
115	110	116	122	129	136	143	150	156	161	167	172	177	183	188	193				
120	133	138	143	149	155	162	168	173	178	183	188	192	197	202	206				
125	154	158	162	168	173	179	185	189	194	198	203	207	211	216	220				
130	173	176	180	184	189	194	199	203	207	211	215	219	224	228	233				
135	191	194	197	200	204	208	212	215	219	223	227	231	235	239	243				
140	208	210	213	215	218	221	225	228	230	234	237	240	244	247	251				
145	224	226	228	230	232	235	237	240	242	244	247	249	252	254	257				
150	239	240	242	243	245	247	249	251	252	254	256	257	259	261	263				
155	251	252	253	255	256	258	259	260	261	263	264	265	266	267	268				
160	262	262	263	264	265	266	267	268	269	270	270	271	272	273	274				
165	270	270	271	271	272	273	273	274	274	275	275	276	276	277	277				
170	276	276	276	277	277	277	278	278	278	279	279	279	279	280	280				
175	280	280	280	280	280	280	280	281	281	281	281	281	281	281	281				
180	280	280	280	280	280	280	280	280	280	280	280	280	280	280	280				

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: