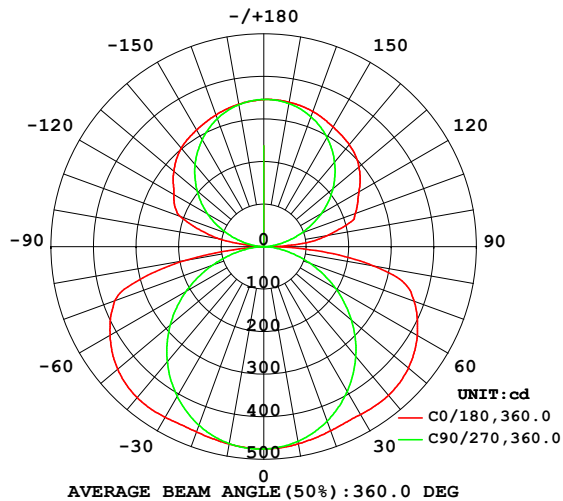


LUMINAIRE PHOTOMETRIC TEST REPORT

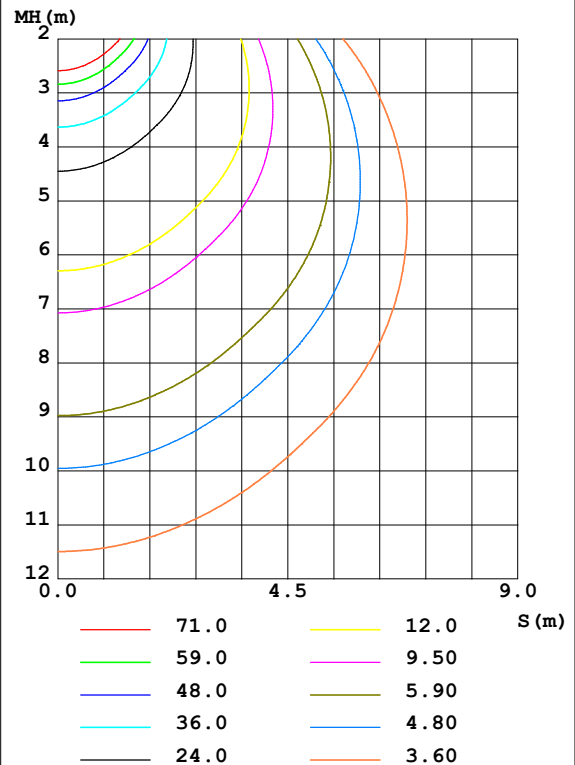
Test:U:121.4V I:0.1980A P:24.00W PF:0.9900 Freq:0.9900Hz Lamp Flux:3038.97x1 lm		
NAME: 14代2FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 126.62 lm/W			
MODEL		I _{max} (cd)	475.8	S/MH(C0/180)	1.48
NOMINAL POWER(W)	25W	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	3039.0	η UP,DN(C0-180)	20.2,29.5
NOMINAL FLUX(lm)	3038.97	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:

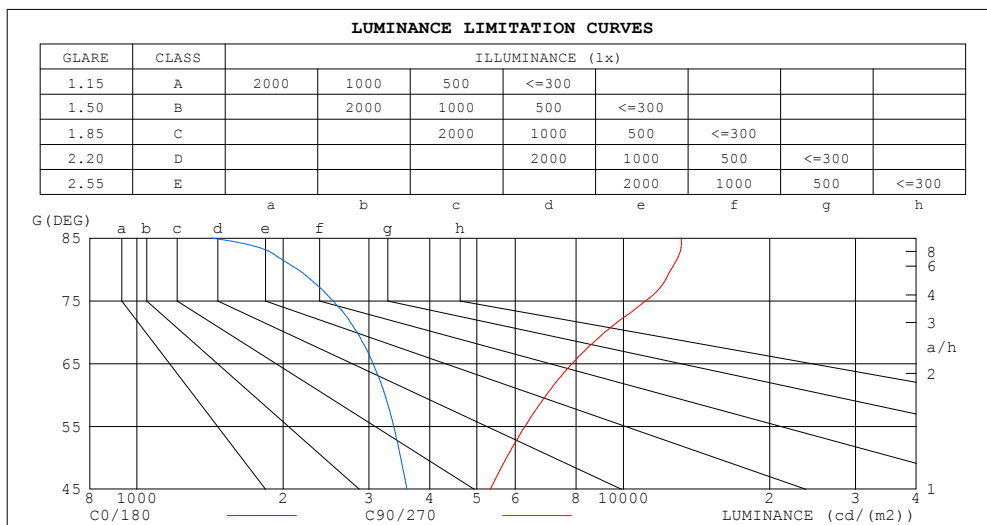
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	470.6	466.4	464.6	467.8	471.0	470.8	469.9	469.3	0- 10	45.06	45.06	1.48,1.48
20	460.5	445.2	436.3	449.0	463.4	455.1	446.5	451.4	10- 20	130.2	175.3	5.77,5.77
30	455.7	416.4	392.7	423.4	463.4	432.3	406.9	426.1	20- 30	202.7	378.0	12.4,12.4
40	456.2	387.2	336.4	397.8	463.2	409.4	352.8	400.3	30- 40	259.0	637.0	21,21
50	444.0	356.5	268.9	367.4	448.2	379.1	287.3	370.2	40- 50	295.7	932.7	30.7,30.7
60	416.8	312.3	194.2	322.4	417.2	328.8	211.6	321.3	50- 60	304.6	1237	40.7,40.7
70	376.1	253.7	116.4	261.1	372.9	260.6	128.1	257.2	60- 70	280.9	1518	50,50
80	261.3	175.8	44.68	163.6	187.4	160.2	50.59	182.5	70- 80	220.2	1738	57.2,57.2
90	17.32	3.992	1.185	3.294	2.021	4.410	2.077	6.466	80- 90	74.89	1813	59.7,59.7
100	150.5	103.9	36.22	85.05	106.3	97.09	36.02	114.5	90-100	46.89	1860	61.2,61.2
110	229.1	167.8	95.27	153.8	210.2	163.4	91.91	161.0	100-110	135.1	1995	65.7,65.7
120	258.5	215.9	157.4	200.8	244.0	206.3	151.7	207.4	110-120	179.6	2175	71.6,71.6
130	292.1	255.4	212.2	242.9	276.3	245.7	204.6	244.7	120-130	202.2	2377	78.2,78.2
140	313.1	284.9	259.0	275.3	302.2	276.3	251.8	276.7	130-140	203.4	2580	84.9,84.9
150	325.4	311.9	297.3	303.9	316.8	303.6	290.1	306.9	140-150	183.9	2764	91,91
160	338.1	332.5	325.0	326.5	329.6	325.4	320.2	329.0	150-160	146.9	2911	95.8,95.8
170	345.0	343.9	341.7	340.7	340.0	340.1	338.9	342.2	160-170	94.92	3006	98.9,98.9
180	345.1	345.1	345.1	345.1	345.1	345.1	345.1	345.1	170-180	32.82	3039	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:121.4V I:0.1980A P:24.00W PF:0.9900 Freq:0.9900Hz Lamp Flux:3038.97x1 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	13147	1421
80	12539	2144
75	11123	2527
70	9164	2835
65	7851	3061
60	6947	3237
55	6281	3374
50	5756	3487
45	5326	3588

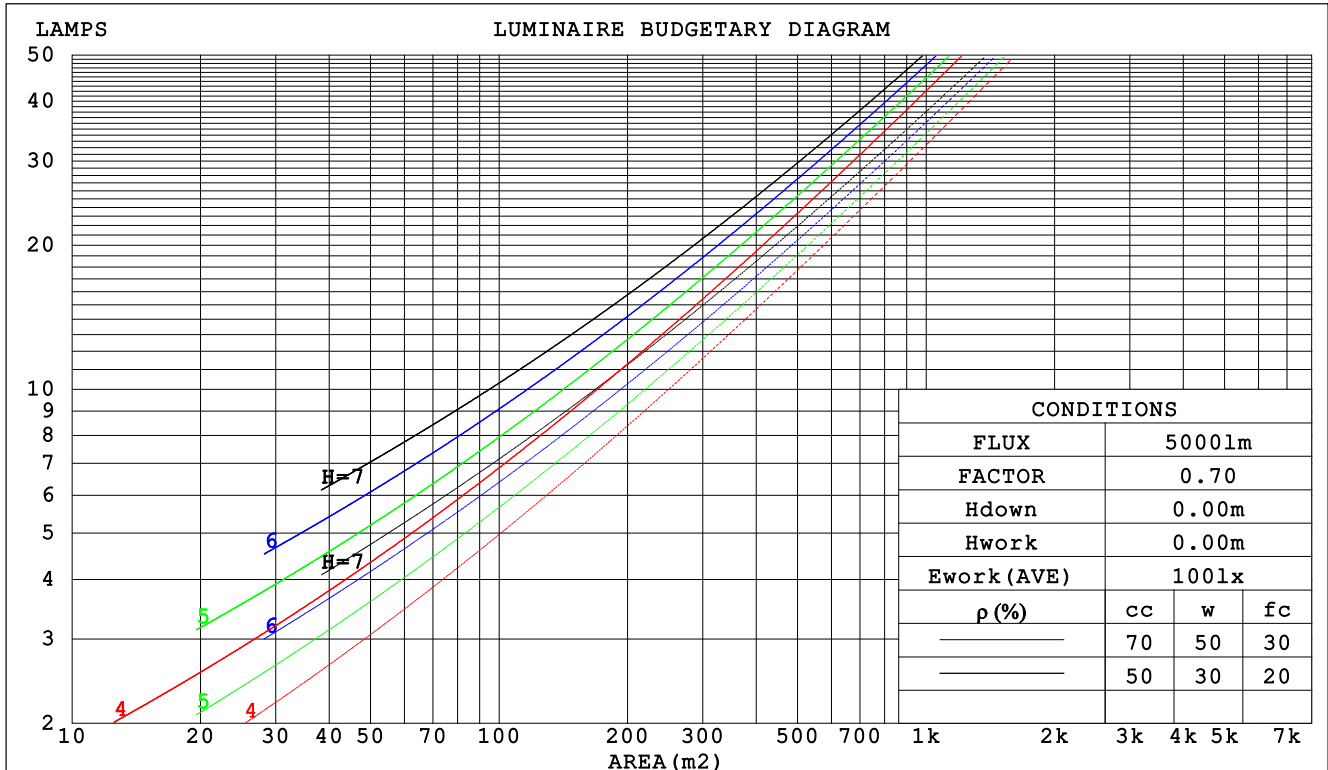
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:121.4V I:0.1980A P:24.00W PF:0.9900 Freq:0.9900Hz Lamp Flux:3038.97x1 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	.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:121.4V I:0.1980A P:24.00W PF:0.9900 Freq:0.9900Hz Lamp Flux:3038.97x1 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	.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	.114	.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	.285	.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	.399	.352	.317	.275	.246	.224	.159	.144	.133	.051	.047	.044	
6.0	.457	.399	.357	.393	.345	.311	.271	.242	.220	.157	.142	.131	.051	.047	.043	
7.0	.451	.393	.352	.388	.340	.307	.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	.234	.214	.153	.138	.127	.049	.045	.042	
10.0	.434	.379	.343	.374	.329	.299	.259	.232	.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:121.4V I:0.1980A P:24.00W PF:0.9900 Freq:0.9900Hz Lamp Flux:3038.97x1 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	17.3	18.4	18.1	19.2	20.2	14.4	15.5	15.1	16.2	17.2
3H	20.2	21.2	21.0	22.0	23.0	15.7	16.7	16.5	17.5	18.5
4H	21.7	22.6	22.5	23.4	24.4	16.2	17.1	17.0	17.9	19.0
6H	23.1	23.9	23.9	24.8	25.8	16.5	17.4	17.3	18.2	19.2
8H	23.6	24.4	24.4	25.3	26.3	16.6	17.4	17.4	18.2	19.3
12H	24.0	24.8	24.8	25.6	26.7	16.6	17.3	17.4	18.2	19.3
4H 2H	17.8	18.7	18.6	19.5	20.5	15.7	16.6	16.5	17.4	18.4
3H	20.8	21.6	21.6	22.4	23.5	17.3	18.1	18.1	18.9	20.0
4H	22.5	23.2	23.3	24.1	25.1	17.9	18.6	18.8	19.5	20.6
6H	24.0	24.7	24.9	25.5	26.7	18.4	19.0	19.2	19.9	21.0
8H	24.6	25.2	25.5	26.1	27.3	18.5	19.1	19.4	20.0	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	22.7	23.2	23.6	24.1	25.3	19.0	19.6	19.9	20.5	21.7
6H	24.4	24.9	25.4	25.8	27.0	19.8	20.3	20.7	21.2	22.4
8H	25.2	25.6	26.1	26.5	27.7	20.0	20.5	21.0	21.4	22.6
12H	25.8	26.2	26.7	27.1	28.3	20.1	20.5	21.1	21.4	22.6
12H 4H	22.6	23.2	23.5	24.1	25.2	19.3	19.9	20.2	20.8	21.9
6H	24.5	24.9	25.4	25.8	27.0	20.3	20.7	21.2	21.6	22.8
8H	25.3	25.6	26.2	26.6	27.8	20.6	21.0	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 3039 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.9)

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:121.4V I:0.1980A P:24.00W PF:0.9900 Freq:0.9900Hz Lamp Flux:3038.97x1 lm		
NAME: 14代2FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:

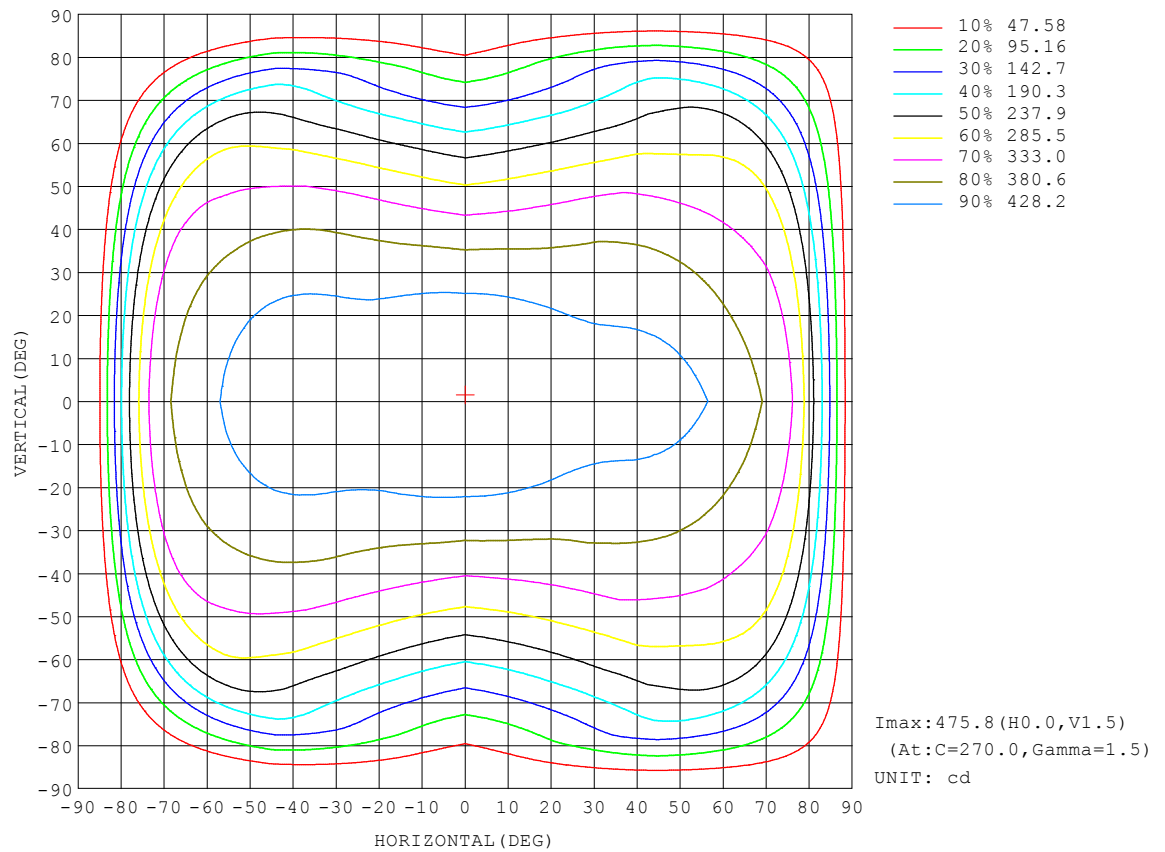
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	43	31	25	41	30	24	38	28	23	15
0.80	53	40	33	50	39	31	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:121.4V I:0.1980A P:24.00W PF:0.9900 Freq:0.9900Hz Lamp Flux:3038.97x1 lm		
NAME: 14代2FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:

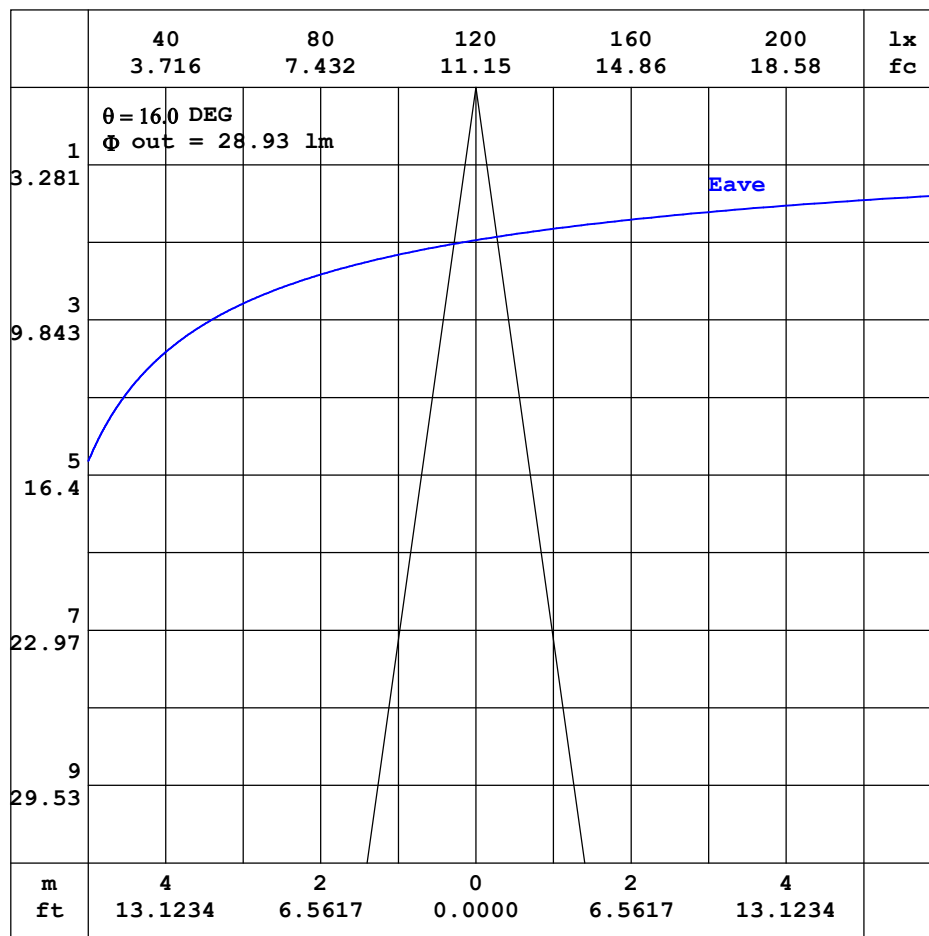


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:121.4V I:0.1980A P:24.00W PF:0.9900 Freq:0.9900Hz Lamp Flux:3038.97x1 lm		
NAME: 14代2FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:



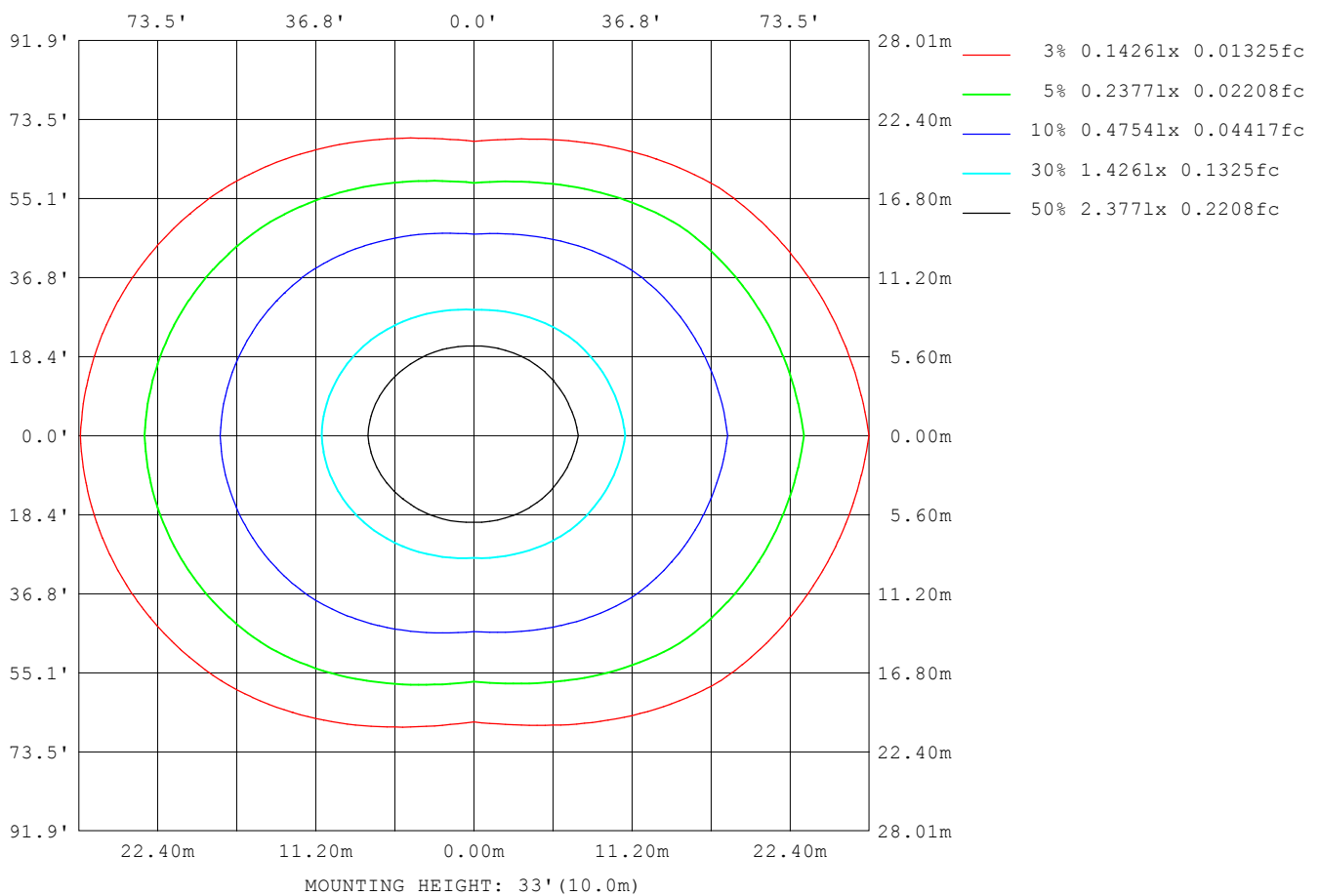
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:121.4V I:0.1980A P:24.00W PF:0.9900 Freq:0.9900Hz Lamp Flux:3038.97x1 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:121.4V I:0.1980A P:24.00W PF:0.9900 Freq:0.9900Hz Lamp Flux:3038.97x1 lm		
NAME: 14代2FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:

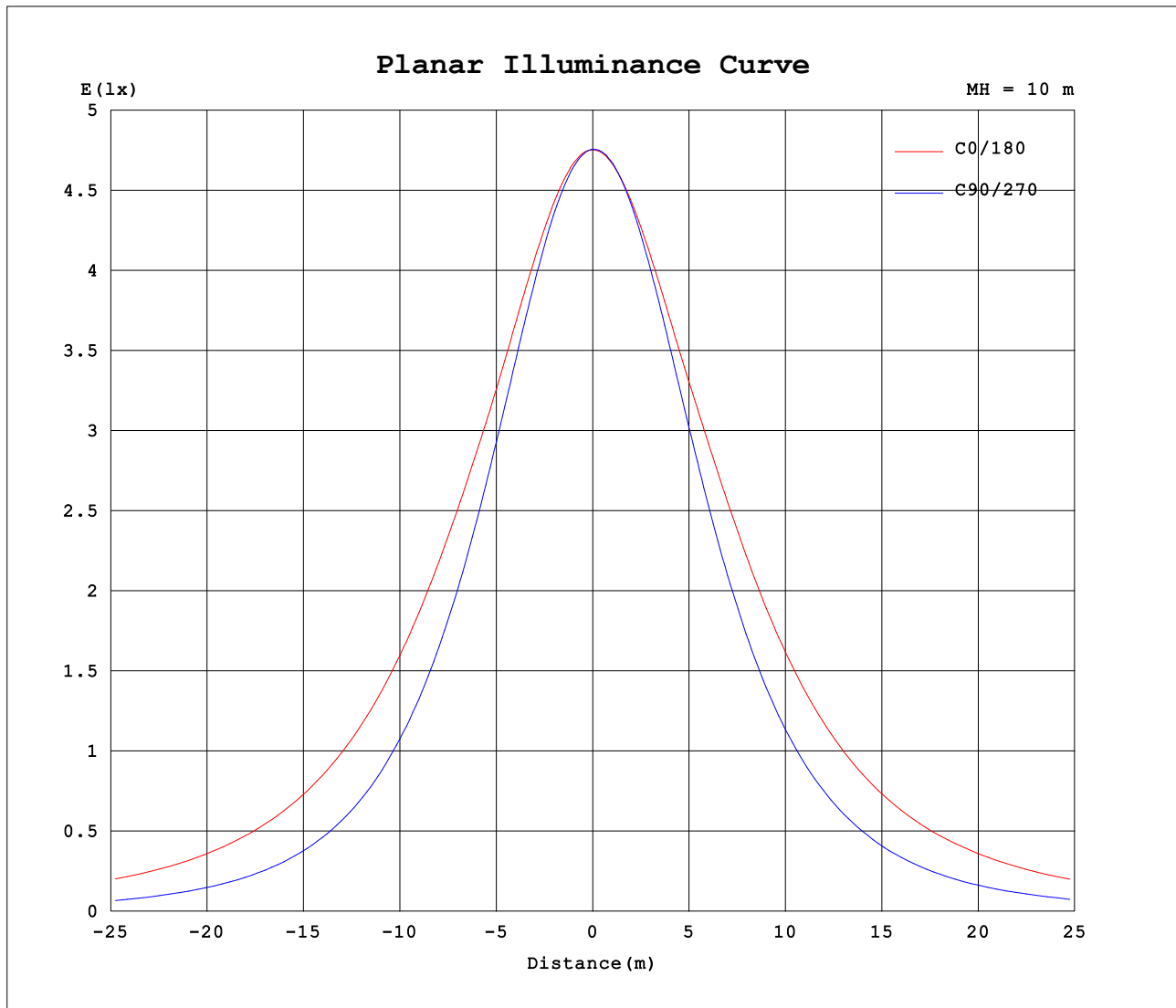
AvgL	cd/m2
L_0~180 (65) av	7845
L_0~180 (75) av	10439
L_0~180 (85) av	8763
L_90~270 (65) av	3215
L_90~270 (75) av	2680
L_90~270 (85) av	1616
L_45 (65) av	5757
L_45 (75) av	7196
L_45 (85) av	7522

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:121.4V I:0.1980A P:24.00W PF:0.9900 Freq:0.9900Hz Lamp Flux:3038.97x1 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	475	475	475	475	475	475	475	475	475	475	475	475	475	475	475	475	475	476	476
5	474	474	474	473	473	473	473	473	473	472	472	472	472	472	472	472	472	472	472
10	471	470	469	469	468	468	468	467	467	466	466	466	465	465	465	465	465	465	465
15	466	465	463	462	461	460	460	459	458	457	456	456	455	454	454	453	453	453	452
20	460	458	457	455	453	451	450	448	447	445	444	442	441	440	438	438	437	436	436
25	456	453	450	447	444	441	438	436	434	431	429	426	424	422	420	419	417	417	416
30	456	451	446	441	436	432	428	424	420	416	412	408	405	402	399	396	395	393	393
35	457	449	443	436	429	423	417	412	406	401	395	389	384	379	375	372	369	367	366
40	456	448	439	431	423	416	408	401	394	387	379	371	364	357	351	346	341	338	336
45	452	443	434	425	416	407	398	390	381	373	362	352	342	333	325	318	312	307	304
50	444	434	425	415	405	395	386	376	366	357	343	331	318	307	296	287	279	273	269
55	432	422	412	401	391	380	369	359	348	337	321	306	292	278	265	254	245	237	232
60	417	406	395	383	372	360	349	337	325	312	295	278	262	246	232	219	208	200	194
65	398	387	375	363	350	338	325	312	299	286	267	248	230	213	197	183	171	162	155
70	376	363	350	337	324	310	296	282	268	254	234	214	195	177	160	145	133	123	116
75	345	332	319	305	291	277	263	249	234	219	199	179	159	141	124	108	95.6	85.5	78.5
80	261	254	246	238	229	219	209	199	188	176	158	140	123	106	89.6	75.2	62.6	52.3	44.7
85	137	133	129	124	118	113	107	101	94.6	88.0	78.3	68.5	58.9	49.5	40.7	32.7	25.5	19.5	14.9
90	17.3	15.3	13.5	11.7	10.1	8.62	7.27	6.05	4.95	3.99	3.26	2.66	2.16	1.78	1.49	1.30	1.19	1.15	1.19
95	91.5	88.2	84.8	81.3	77.6	73.8	69.9	65.8	61.6	57.2	51.1	45.1	39.1	33.3	27.9	22.8	18.3	14.4	11.3
100	150	146	142	137	132	127	122	116	110	104	94.9	85.8	76.9	68.2	60.1	52.6	46.0	40.5	36.2
105	203	198	192	187	181	174	168	161	153	146	135	124	113	103	92.8	83.8	76.0	69.6	64.7
110	229	223	216	210	203	196	189	182	175	168	158	148	138	128	120	112	105	99.5	95.3
115	244	239	233	228	222	216	210	204	198	191	182	173	165	156	148	141	135	130	126
120	258	255	250	246	242	237	232	227	221	216	208	200	192	185	178	171	166	161	157
125	277	273	269	265	260	256	251	247	242	237	230	223	216	210	204	198	193	189	186
130	292	288	284	281	277	273	268	264	260	255	249	244	238	232	227	222	218	215	212
135	305	301	297	293	290	286	282	278	275	271	266	261	257	252	248	245	241	239	237
140	313	310	307	303	300	297	294	291	288	285	281	278	274	271	268	265	263	261	259
145	319	317	315	312	310	308	305	303	301	299	296	293	291	288	286	284	282	281	279
150	325	324	323	321	320	318	317	315	313	312	310	308	306	304	302	301	299	298	297
155	332	331	330	330	329	328	327	326	324	323	322	321	319	318	316	315	314	313	312
160	338	338	337	336	336	335	335	334	333	332	332	331	330	329	328	327	326	326	325
165	342	342	342	341	341	341	340	340	340	339	339	338	338	337	337	336	336	335	335
170	345	345	345	345	345	345	344	344	344	344	344	343	343	343	343	342	342	342	342
175	346	346	346	346	346	346	346	346	346	346	346	346	346	346	346	346	346	346	345
180	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345

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:121.4V I:0.1980A P:24.00W PF:0.9900 Freq:0.9900Hz Lamp Flux:3038.97x1 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	476	475	475	475	475	475	475	475	475	475	475	475	475	475	475	475	475	475	475
5	472	472	473	473	473	473	473	473	473	473	473	474	474	474	474	474	474	474	474
10	465	465	465	466	466	466	467	467	468	468	469	469	469	470	470	470	471	471	471
15	453	453	454	455	456	457	458	459	460	461	462	463	464	464	465	466	467	467	467
20	437	438	439	440	442	444	445	447	449	451	453	455	457	458	460	461	462	463	463
25	417	419	421	423	425	428	431	434	437	440	443	447	450	453	456	458	460	462	461
30	394	396	399	402	406	410	414	419	423	429	434	440	445	450	454	458	461	463	462
35	368	371	375	380	385	391	397	403	410	418	425	433	440	446	452	457	462	465	463
40	340	344	350	356	364	372	380	389	398	407	416	425	434	442	449	455	460	463	461
45	309	315	322	331	340	351	361	373	384	395	405	416	425	434	442	448	454	458	455
50	274	282	291	302	314	327	340	354	367	380	392	403	413	423	431	439	444	448	446
55	239	247	258	271	285	300	315	331	347	361	374	386	398	408	417	425	431	435	432
60	201	211	223	237	253	270	287	305	322	337	352	365	378	389	399	407	413	417	414
65	163	174	187	202	219	237	256	276	295	311	327	341	355	367	378	386	393	398	393
70	124	135	149	165	182	201	221	241	261	279	296	311	326	340	351	361	368	373	368
75	87.1	98.8	113	129	147	166	186	206	225	239	251	263	273	283	290	296	300	303	300
80	51.9	61.7	73.6	87.2	102	118	133	149	164	170	176	180	183	186	187	188	188	187	187
85	18.1	22.7	28.2	34.4	41.2	48.1	54.9	61.3	67.1	66.3	64.6	62.4	59.8	56.9	53.9	50.9	48.2	45.8	48.1
90	1.33	1.52	1.75	2.01	2.28	2.56	2.83	3.08	3.29	3.19	3.06	2.90	2.73	2.55	2.39	2.24	2.11	2.02	2.26
95	12.5	14.5	17.0	20.0	23.2	26.6	30.0	33.1	36.0	35.1	33.9	32.4	30.7	28.9	27.2	25.6	24.3	23.2	25.6
100	38.5	42.1	46.7	52.1	58.2	64.7	71.5	78.3	85.0	88.8	92.2	95.3	98.1	100	102	104	105	106	107
105	68.2	73.2	79.5	86.9	95.0	104	113	122	131	136	140	144	148	151	153	155	157	158	158
110	97.7	102	107	113	120	128	136	145	154	162	170	178	185	192	198	203	207	210	209
115	128	131	135	141	147	153	161	168	176	184	192	199	206	213	219	224	228	232	230
120	159	162	166	170	175	181	188	194	201	207	213	219	225	230	235	239	242	244	243
125	187	190	193	197	201	206	212	217	223	228	234	239	244	248	252	255	258	260	259
130	213	215	218	221	225	229	233	238	243	248	252	257	261	265	269	272	275	276	275
135	237	239	240	243	246	249	252	256	260	264	268	272	276	280	284	286	289	290	289
140	259	260	261	263	265	267	270	272	275	279	283	286	290	293	296	299	301	302	301
145	279	280	281	282	283	284	286	288	290	293	295	298	301	303	306	307	309	310	309
150	297	297	298	298	299	300	301	303	304	306	307	309	311	312	314	315	316	317	316
155	312	312	313	313	313	314	315	315	316	317	318	319	320	321	321	322	323	323	323
160	325	325	325	325	325	325	326	326	326	327	327	328	328	329	329	329	329	330	329
165	335	335	335	335	335	335	335	335	335	335	335	335	335	335	335	335	335	335	335
170	342	341	341	341	341	341	341	341	341	341	341	340	340	340	340	340	340	340	340
175	345	345	345	345	345	345	345	345	344	344	344	344	344	344	344	344	344	344	344
180	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345

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:121.4V I:0.1980A P:24.00W PF:0.9900 Freq:0.9900Hz Lamp Flux:3038.97x1 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	475	475	475	475	475	475	475	475	475	475	475	475	475	475	475	476	476	476	475
5	474	474	474	474	474	474	474	474	474	474	475	475	475	475	475	475	475	475	475
10	471	471	471	471	471	471	471	471	471	471	470	470	470	470	470	470	470	470	470
15	467	467	466	466	466	465	465	464	463	463	463	462	462	461	461	461	460	460	460
20	463	462	461	460	459	458	456	455	454	453	452	450	449	449	448	447	447	447	447
25	460	458	456	454	452	449	447	444	442	440	438	436	434	432	431	429	428	429	429
30	460	457	454	450	446	441	437	432	429	425	421	418	415	412	410	408	407	407	408
35	460	456	451	446	440	434	427	421	415	409	404	399	394	390	386	384	382	383	384
40	457	453	447	441	433	426	418	409	401	393	386	378	371	365	360	356	353	355	358
45	451	446	440	432	424	415	406	396	385	375	365	355	346	338	331	326	321	324	329
50	441	436	428	420	411	401	390	379	366	354	341	329	318	308	300	293	287	291	297
55	427	421	413	403	393	382	370	357	342	328	313	299	286	275	265	256	250	255	262
60	408	400	391	381	369	356	343	329	313	296	280	265	251	238	227	218	212	217	225
65	386	378	367	355	342	328	312	297	279	261	244	228	213	199	187	178	171	177	185
70	360	350	339	325	310	295	278	261	242	223	205	187	171	157	145	135	128	135	144
75	295	289	281	272	261	249	237	223	205	187	168	151	134	119	106	95.6	88.0	95.2	105
80	187	186	183	181	177	172	167	160	146	132	117	102	88.8	76.3	65.5	56.8	50.6	58.7	69.4
85	50.9	53.8	56.8	59.8	62.4	64.7	66.4	67.4	62.0	56.0	49.6	43.1	36.9	31.1	25.9	21.8	18.9	23.8	30.0
90	2.53	2.82	3.13	3.43	3.72	3.99	4.22	4.41	4.18	3.90	3.59	3.28	2.96	2.67	2.42	2.21	2.08	2.24	2.48
95	28.2	31.0	33.9	36.8	39.4	41.7	43.7	45.0	41.5	37.6	33.4	29.0	24.8	20.8	17.3	14.5	12.6	16.3	20.8
100	108	108	107	106	105	103	100	97.1	89.4	81.3	73.0	65.0	57.3	50.3	44.3	39.4	36.0	41.2	47.8
105	158	158	156	155	152	149	145	140	131	121	111	101	91.0	82.1	74.4	67.9	63.2	67.6	73.6
110	206	202	197	192	186	179	171	163	154	144	134	125	116	108	101	95.9	91.9	95.2	100
115	227	223	218	212	206	199	191	184	175	166	158	150	142	136	130	125	122	125	130
120	240	237	233	229	224	218	213	206	199	191	184	177	170	164	159	155	152	155	159
125	257	254	251	247	242	237	232	227	220	214	207	201	195	190	185	182	179	181	185
130	273	271	267	264	260	255	251	246	240	234	229	223	218	214	210	207	205	206	209
135	287	285	282	278	275	270	266	262	257	252	248	244	240	236	233	231	229	230	232
140	299	297	294	291	287	284	280	276	273	269	266	262	259	257	255	253	252	253	254
145	308	306	304	301	299	296	293	290	287	285	282	280	277	276	274	273	272	273	274
150	315	314	313	311	309	307	306	304	302	300	298	296	294	293	292	291	290	291	292
155	322	321	321	320	319	318	316	315	314	313	311	310	309	308	307	307	306	307	308
160	329	329	328	328	327	327	326	325	325	324	323	322	322	321	321	320	320	321	321
165	335	335	335	335	335	334	334	334	333	333	333	332	332	331	331	331	331	331	332
170	340	340	340	340	340	340	340	340	340	340	340	339	339	339	339	339	339	339	339
175	344	344	344	344	344	344	344	344	344	344	344	344	344	344	344	344	344	344	344
180	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345

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:121.4V I:0.1980A P:24.00W PF:0.9900 Freq:0.9900Hz Lamp Flux:3038.97x1 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	475	475	475	475	475	475	475	475	475	475	475	475	475	475	475				
5	475	474	474	474	474	474	474	474	474	474	474	474	474	474	474				
10	470	470	469	469	469	469	469	469	469	470	470	470	470	470	470				
15	460	460	461	461	461	461	462	462	462	463	463	463	464	464	465				
20	447	448	448	449	450	450	451	452	453	454	455	456	457	458	459				
25	430	431	433	434	436	438	439	441	443	444	446	448	450	452	454				
30	410	412	414	417	420	423	426	429	432	435	438	441	445	448	452				
35	387	390	394	398	403	408	413	417	421	426	431	436	441	446	451				
40	362	367	372	379	386	393	400	406	412	418	424	430	437	443	450				
45	334	341	349	358	367	377	387	394	401	408	416	423	430	437	445				
50	305	314	324	335	346	358	370	379	387	396	404	412	420	428	436				
55	271	282	294	307	321	335	349	359	369	378	388	397	406	415	424				
60	235	247	260	274	290	305	321	333	344	355	366	376	387	397	407				
65	196	209	223	239	256	273	290	303	315	328	340	352	364	375	387				
70	155	169	185	202	220	238	257	271	284	298	311	324	338	351	363				
75	118	133	150	168	187	206	226	240	254	268	281	295	308	321	333				
80	82.3	96.9	113	130	147	165	182	194	205	215	224	233	241	248	255				
85	37.2	45.3	54.2	63.5	73.0	82.7	92.1	98.6	105	110	116	121	125	130	134				
90	2.81	3.21	3.70	4.27	4.92	5.65	6.47	7.35	8.32	9.37	10.5	11.7	13.0	14.4	15.8				
95	26.1	32.1	38.4	45.0	51.8	58.6	65.1	69.4	73.3	76.8	80.1	83.0	85.6	87.9	89.8				
100	55.7	64.5	74.0	84.1	94.3	105	115	121	126	131	136	140	143	146	149				
105	81.2	89.9	99.6	110	121	132	143	151	158	166	172	179	185	192	197				
110	106	114	122	131	141	151	161	169	176	184	191	199	207	214	222				
115	136	142	150	158	167	176	185	191	198	205	211	218	224	231	237				
120	164	170	176	184	191	199	207	213	219	225	231	236	242	248	253				
125	189	194	200	206	213	220	227	233	238	244	249	255	260	266	271				
130	213	217	222	227	233	239	245	250	255	260	265	270	275	281	286				
135	235	238	242	246	251	256	261	265	270	274	279	284	289	294	299				
140	256	259	262	265	269	273	277	280	284	288	291	296	300	304	309				
145	276	278	281	283	286	289	292	295	298	301	304	307	310	313	316				
150	294	296	298	300	302	304	307	309	311	313	315	317	319	321	323				
155	309	311	312	314	315	317	319	320	322	323	325	326	328	329	331				
160	322	323	324	325	327	328	329	330	331	332	333	334	335	336	337				
165	332	333	334	334	335	336	337	337	338	339	339	340	340	341	342				
170	340	340	340	341	341	342	342	343	343	343	343	344	344	344	345				
175	344	345	345	345	345	345	345	346	346	346	346	346	346	346	346				
180	345	345	345	345	345	345	345	345	345	345	345	345	345	345	345				

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: