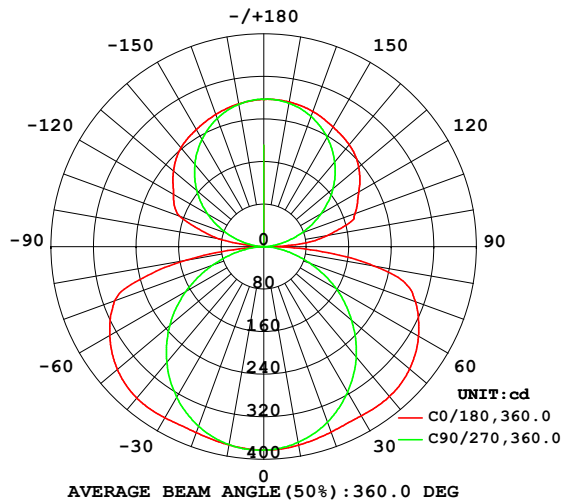


LUMINAIRE PHOTOMETRIC TEST REPORT

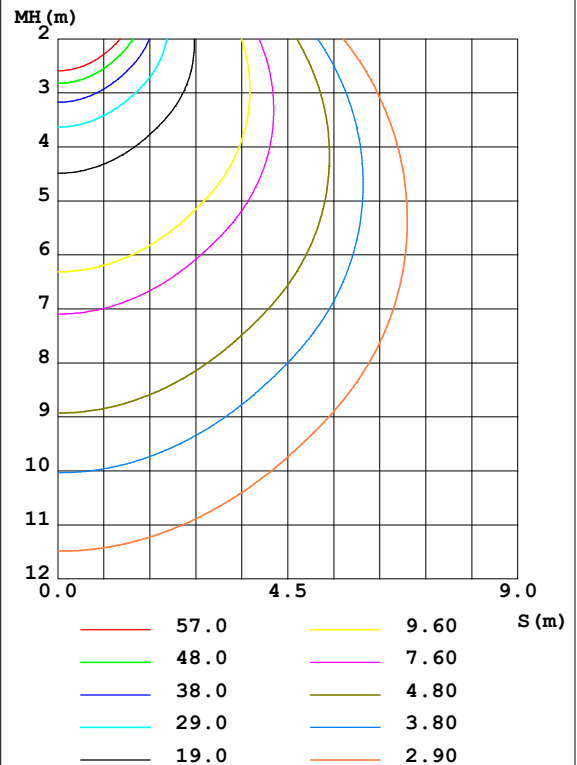
Test:U:121.1V I:16.00A P:19.80W PF:0.9900 Freq:60.00Hz Lamp Flux:2439.92x1 lm		
NAME: 14代2FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 123.23 lm/W			
MODEL		I _{max} (cd)	382.8	S/MH(C0/180)	1.49
NOMINAL POWER(W)	20W	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	2439.9	η UP,DN(C0-180)	20.2,29.6
NOMINAL FLUX(lm)	2439.92	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	20.1,30.2
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:

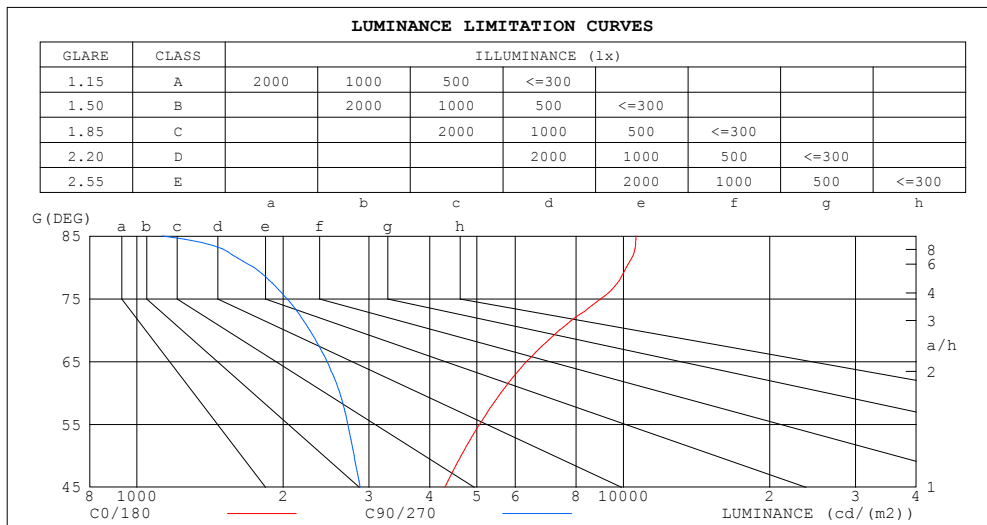
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	378.9	375.7	373.6	376.8	378.7	378.7	378.0	378.2	0- 10	36.27	36.27	1.49,1.49
20	371.0	358.8	351.1	361.4	372.1	366.0	359.2	363.9	10- 20	104.8	141.1	5.78,5.78
30	367.2	335.9	315.5	340.4	371.8	347.6	327.3	343.5	20- 30	163.1	304.2	12.5,12.5
40	367.7	312.7	271.0	319.6	371.7	329.0	283.6	322.7	30- 40	208.4	512.7	21,21
50	358.0	288.1	215.7	295.1	359.3	304.6	230.8	298.1	40- 50	237.9	750.6	30.8,30.8
60	336.1	252.5	156.8	258.8	334.4	264.3	170.0	258.5	50- 60	245.0	995.6	40.8,40.8
70	303.5	205.2	93.10	209.4	298.9	209.6	103.0	206.5	60- 70	225.8	1221	50.1,50.1
80	211.3	139.1	36.27	129.0	148.2	128.4	40.57	146.4	70- 80	176.8	1398	57.3,57.3
90	14.32	3.207	0.9241	2.536	1.252	3.424	1.547	5.141	80- 90	60.15	1458	59.8,59.8
100	120.4	82.91	28.91	69.00	85.96	77.79	28.70	91.06	90-100	37.64	1496	61.3,61.3
110	182.6	134.0	76.27	123.3	168.6	130.4	74.36	127.4	100-110	108.0	1604	65.7,65.7
120	206.4	172.4	125.0	161.0	195.9	165.7	121.4	165.3	110-120	143.6	1748	71.6,71.6
130	233.2	204.0	170.2	194.9	221.7	197.5	164.6	195.5	120-130	161.8	1909	78.3,78.3
140	250.3	227.9	207.6	220.9	242.6	221.9	201.7	221.2	130-140	163.0	2072	84.9,84.9
150	260.2	249.5	238.1	243.9	254.3	243.7	232.8	245.5	140-150	147.4	2220	91,91
160	270.7	266.1	260.5	261.9	264.5	261.2	256.7	263.4	150-160	117.7	2338	95.8,95.8
170	276.2	275.5	274.0	273.2	272.7	272.7	271.8	274.1	160-170	76.08	2414	98.9,98.9
180	276.6	276.6	276.6	276.6	276.6	276.6	276.6	276.6	170-180	26.31	2440	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:121.1V I:16.00A P:19.80W PF:0.9900 Freq:60.00Hz Lamp Flux:2439.92x1 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	10621	1129
80	10142	1741
75	8982	2036
70	7395	2268
65	6328	2462
60	5602	2613
55	5065	2715
50	4642	2796
45	4296	2878

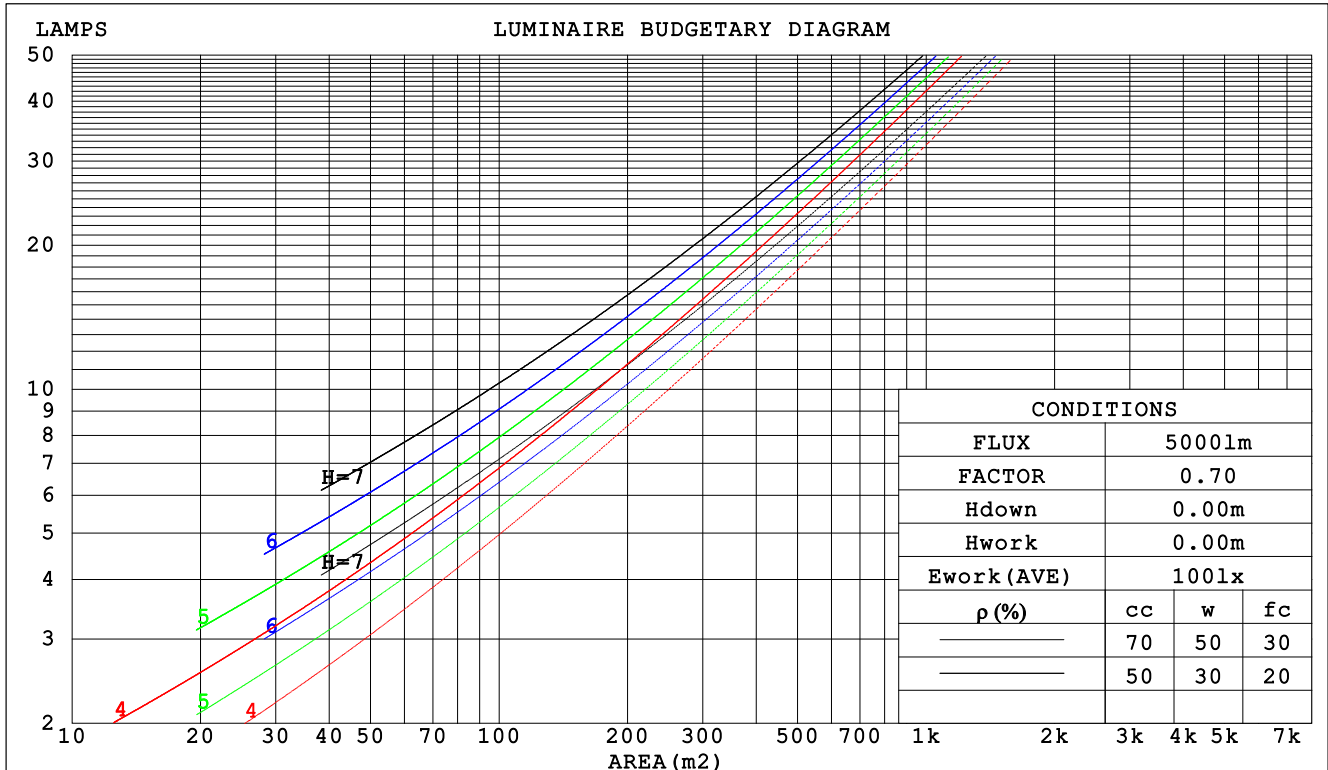
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:121.1V I:16.00A P:19.80W PF:0.9900 Freq:60.00Hz Lamp Flux:2439.92x1 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	.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	.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:121.1V I:16.00A P:19.80W PF:0.9900 Freq:60.00Hz Lamp Flux:2439.92x1 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	.155	.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	.164	.086	.026	.142	.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	.018	.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	.490	.465	.442	.420	.399	.381	.287	.275	.263	.165	.159	.153	.053	.051	.050	
2.0	.484	.443	.409	.414	.381	.353	.284	.264	.246	.164	.153	.144	.053	.050	.047	
3.0	.477	.427	.387	.409	.368	.336	.281	.256	.235	.162	.149	.139	.052	.049	.045	
4.0	.470	.415	.373	.403	.359	.324	.277	.250	.228	.161	.146	.135	.052	.048	.044	
5.0	.463	.406	.363	.398	.351	.316	.274	.245	.223	.159	.144	.132	.051	.047	.044	
6.0	.457	.398	.356	.392	.345	.310	.271	.241	.219	.157	.142	.130	.051	.046	.043	
7.0	.450	.392	.351	.387	.340	.306	.268	.238	.217	.155	.140	.129	.050	.046	.043	
8.0	.444	.387	.347	.382	.335	.303	.264	.235	.215	.154	.139	.128	.050	.046	.042	
9.0	.438	.382	.344	.378	.332	.300	.262	.233	.213	.152	.138	.127	.049	.045	.042	
10.0	.433	.378	.342	.373	.328	.298	.259	.231	.212	.151	.137	.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:121.1V I:16.00A P:19.80W PF:0.9900 Freq:60.00Hz Lamp Flux:2439.92x1 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	16.6	17.7	17.4	18.5	19.4	13.6	14.7	14.4	15.5	16.5
3H	19.4	20.4	20.2	21.2	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	22.3	23.2	23.2	24.0	25.1	15.8	16.6	16.6	17.5	18.5
8H	22.9	23.7	23.7	24.5	25.6	15.8	16.7	16.7	17.5	18.5
12H	23.3	24.1	24.1	24.9	26.0	15.8	16.6	16.7	17.5	18.5
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	16.5	17.3	17.4	18.2	19.3
4H	21.7	22.5	22.6	23.3	24.4	17.2	17.9	18.1	18.8	19.9
6H	23.3	23.9	24.2	24.8	25.9	17.6	18.3	18.5	19.2	20.3
8H	23.9	24.5	24.8	25.4	26.5	17.7	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	21.9	22.5	22.8	23.4	24.6	18.3	18.9	19.2	19.8	20.9
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	22.4	22.8	23.4	24.5	18.6	19.1	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	24.5	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 2440 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:121.1V I:16.00A P:19.80W PF:0.9900 Freq:60.00Hz Lamp Flux:2439.92x1 lm		
NAME: 14代2FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:

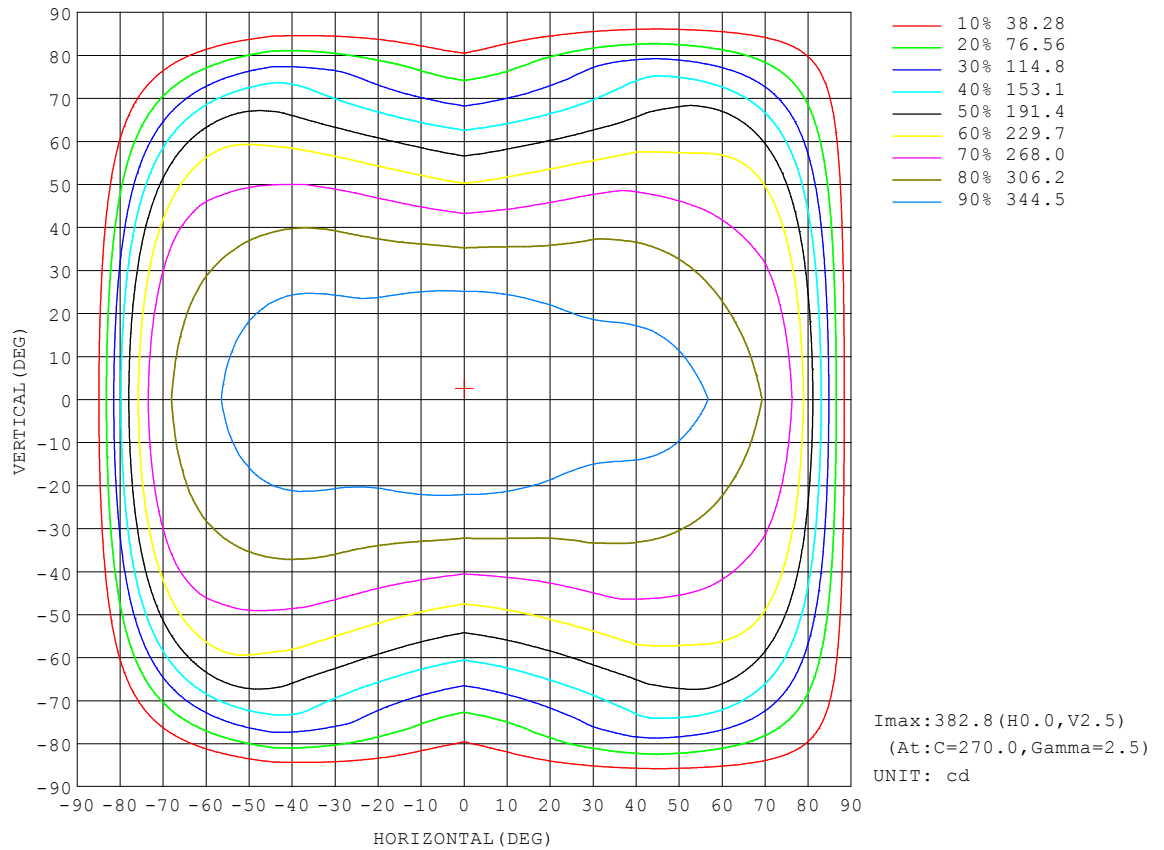
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	43	32	25	41	30	24	38	28	23	15
0.80	53	40	33	50	39	32	45	35	29	20
1.00	60	48	40	57	46	39	51	44	36	25
1.25	67	56	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:121.1V I:16.00A P:19.80W PF:0.9900 Freq:60.00Hz Lamp Flux:2439.92x1 lm		
NAME: 14代2FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:

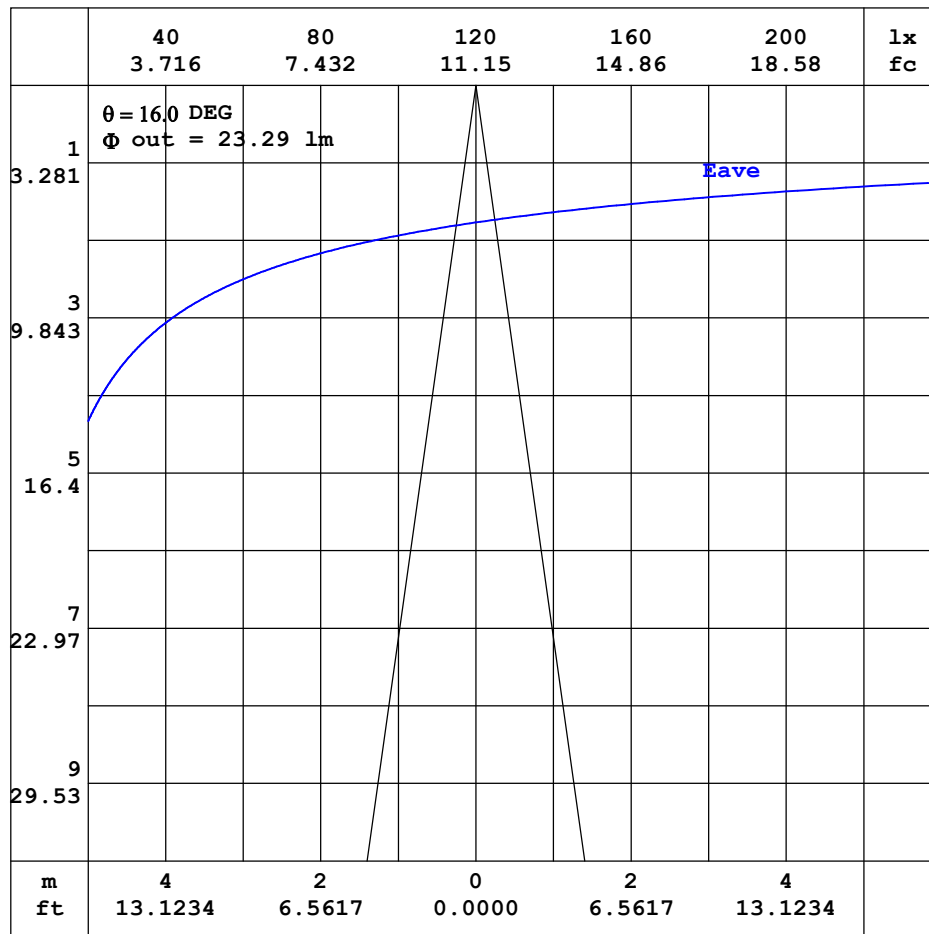


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:121.1V I:16.00A P:19.80W PF:0.9900 Freq:60.00Hz Lamp Flux:2439.92x1 lm		
NAME: 14代2FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:



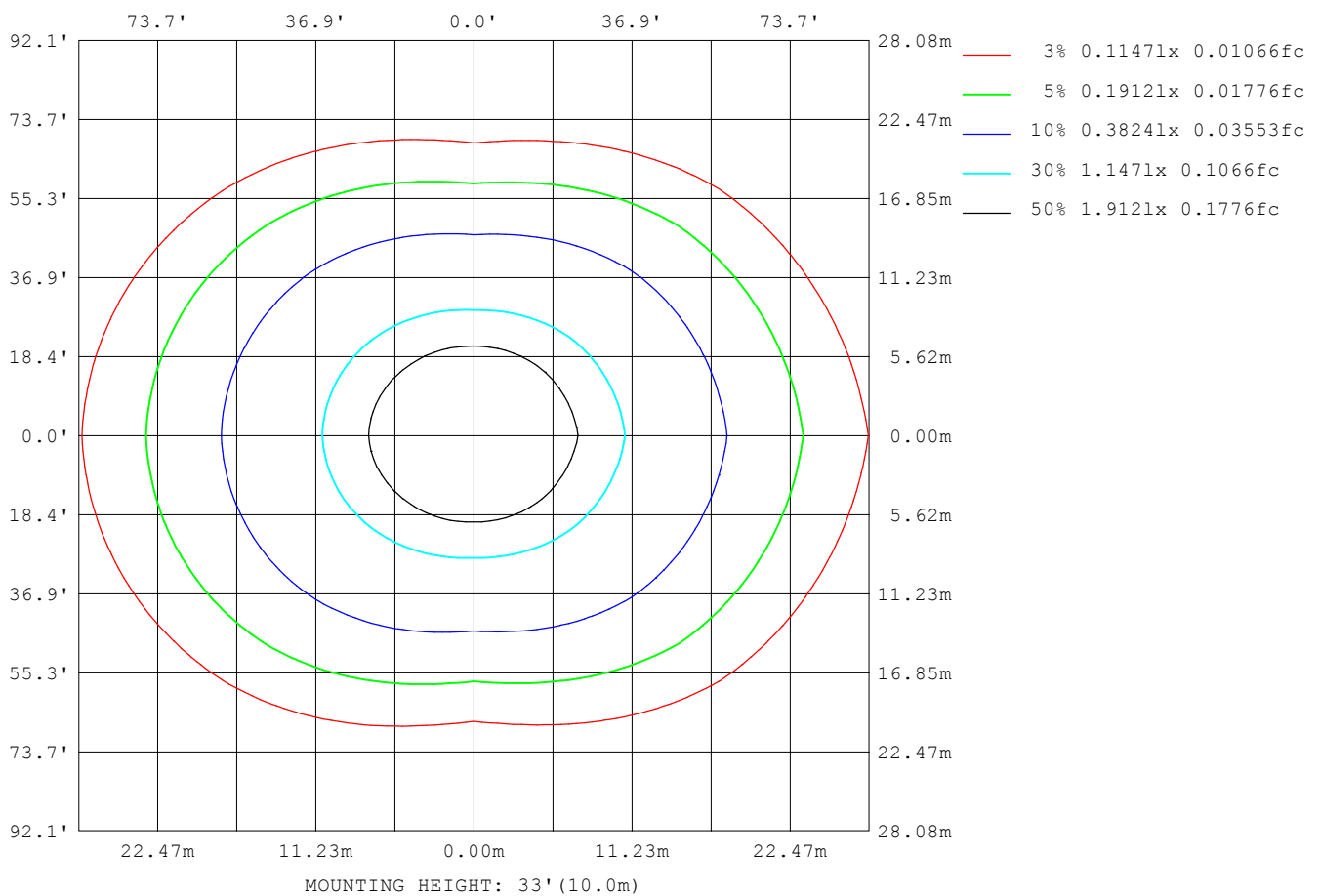
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:121.1V I:16.00A P:19.80W PF:0.9900 Freq:60.00Hz Lamp Flux:2439.92x1 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:121.1V I:16.00A P:19.80W PF:0.9900 Freq:60.00Hz Lamp Flux:2439.92x1 lm		
NAME: 14代2FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:

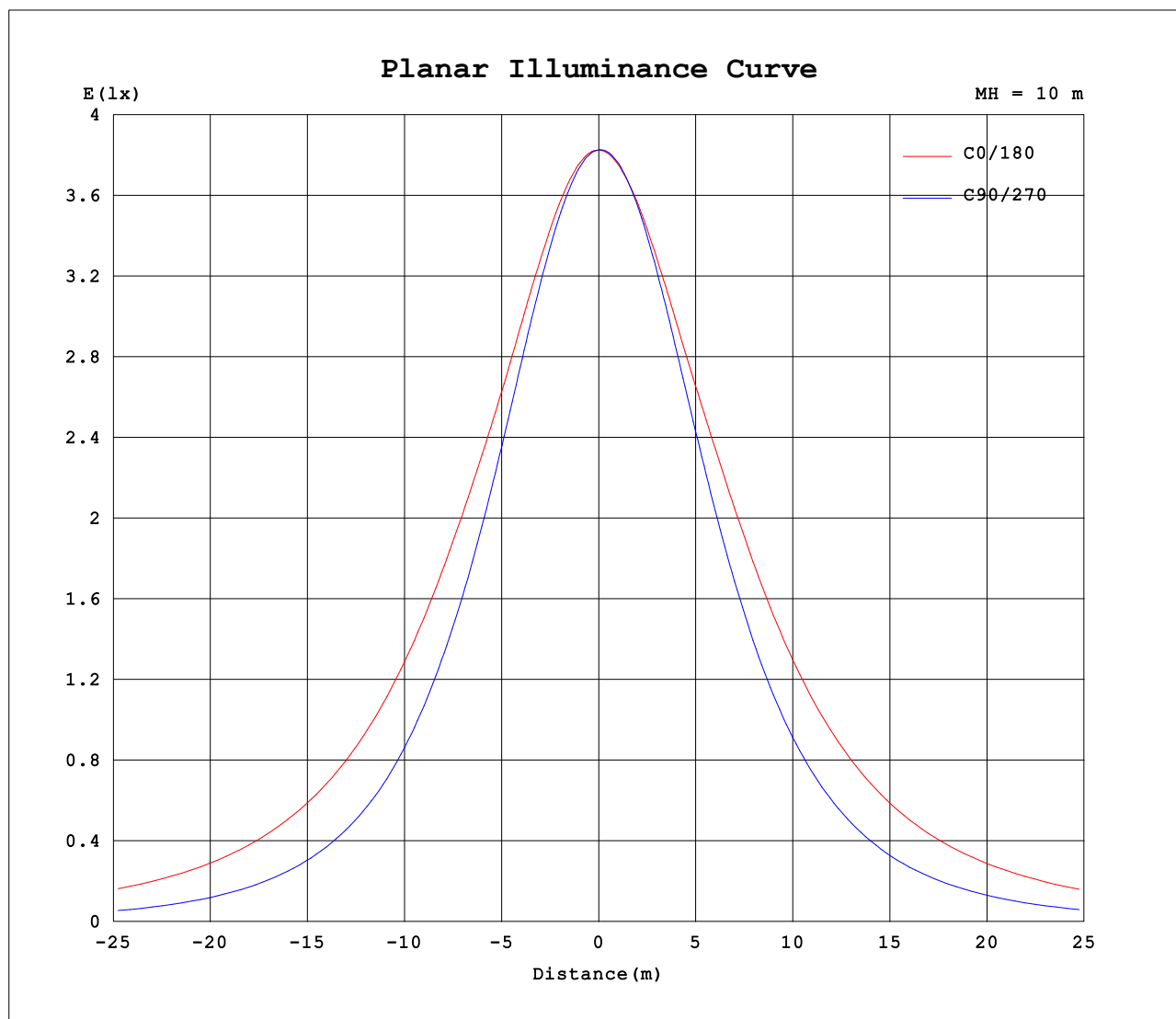
AvgL	cd/m2
L_0~180 (65) av	6303
L_0~180 (75) av	8400
L_0~180 (85) av	7046
L_90~270 (65) av	2573
L_90~270 (75) av	2155
L_90~270 (85) av	1287
L_45 (65) av	4632
L_45 (75) av	5784
L_45 (85) av	6040

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:121.1V I:16.00A P:19.80W PF:0.9900 Freq:60.00Hz Lamp Flux:2439.92x1 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	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382	383	383	383	383
5	382	382	381	381	381	381	381	381	381	381	380	380	380	380	380	380	380	380	380
10	379	379	378	378	377	377	377	376	376	376	375	375	375	374	374	374	374	374	374
15	375	374	373	373	372	371	370	370	369	368	368	367	366	366	365	365	364	364	364
20	371	369	368	366	365	364	362	361	360	359	358	356	355	354	353	352	352	351	351
25	368	365	363	360	358	356	354	352	350	348	346	344	342	340	338	337	336	335	335
30	367	363	359	356	352	348	345	342	339	336	332	329	326	323	321	319	317	316	316
35	368	363	357	352	347	342	337	332	328	324	319	314	310	306	302	299	297	295	294
40	368	361	354	348	342	335	330	324	318	313	306	300	293	288	283	279	275	273	271
45	365	357	350	343	336	329	322	315	308	301	293	284	276	268	261	255	250	247	244
50	358	350	343	335	327	319	312	304	296	288	277	267	257	247	238	231	224	219	216
55	349	341	332	324	315	307	298	290	281	272	259	247	235	224	214	205	197	191	187
60	336	327	319	310	300	291	282	272	262	253	239	225	212	199	187	177	168	162	157
65	321	312	302	293	283	273	263	253	242	231	216	201	186	172	159	148	138	130	125
70	304	293	283	272	262	251	240	228	217	205	189	173	157	143	129	117	107	98.7	93.1
75	279	268	258	247	236	224	213	201	190	178	161	145	129	114	100	87.8	77.3	69.0	63.2
80	211	205	198	191	183	175	167	158	149	139	125	111	97.1	83.7	71.3	60.0	50.2	42.2	36.3
85	111	108	104	100	96.0	91.6	87.0	82.1	77.0	71.6	63.7	55.8	47.9	40.3	33.1	26.5	20.6	15.7	11.8
90	14.3	12.7	11.1	9.64	8.29	7.06	5.93	4.91	4.01	3.21	2.61	2.11	1.71	1.40	1.16	1.01	0.92	0.90	0.92
95	73.9	71.3	68.5	65.7	62.7	59.6	56.4	53.1	49.7	46.1	41.2	36.3	31.5	26.8	22.4	18.3	14.6	11.5	8.99
100	120	117	113	110	106	102	97.2	92.7	87.9	82.9	75.7	68.4	61.3	54.4	47.9	41.9	36.7	32.3	28.9
105	162	158	153	149	144	139	134	128	122	116	107	98.6	90.0	81.7	73.9	66.8	60.7	55.5	51.7
110	183	178	173	167	162	157	151	146	140	134	126	118	110	103	95.7	89.5	84.0	79.6	76.3
115	195	190	186	182	177	172	168	163	158	153	145	138	131	125	119	113	108	104	101
120	206	203	200	197	193	189	185	181	177	172	166	160	153	147	142	136	132	128	125
125	221	218	215	211	208	204	201	197	193	189	184	178	173	168	163	158	154	151	148
130	233	230	227	224	221	218	214	211	207	204	199	195	190	186	182	178	175	172	170
135	243	240	237	234	231	228	225	222	219	217	213	209	205	202	199	196	193	191	190
140	250	248	245	243	240	238	235	233	230	228	225	222	219	217	214	212	210	209	208
145	255	253	252	250	248	246	244	242	241	239	237	235	233	231	229	227	226	225	224
150	260	259	258	257	256	254	253	252	251	250	248	246	245	243	242	241	240	239	238
155	266	265	264	264	263	262	261	260	260	259	258	257	255	254	253	253	252	251	250
160	271	270	270	269	269	268	268	267	267	266	265	265	264	263	263	262	261	261	261
165	274	274	274	273	273	273	273	272	272	272	271	271	271	270	270	269	269	269	268
170	276	276	276	276	276	276	276	276	276	275	275	275	275	275	275	274	274	274	274
175	277	277	278	278	278	278	278	278	278	278	278	278	277	277	277	277	277	277	277
180	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277

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:121.1V I:16.00A P:19.80W PF:0.9900 Freq:60.00Hz Lamp Flux:2439.92x1 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	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	382	382	382
5	380	380	380	380	381	381	381	381	381	381	381	381	381	381	381	381	381	381	381
10	374	374	374	375	375	376	376	376	377	377	377	378	378	378	378	378	379	379	379
15	364	365	365	366	367	368	368	369	370	371	371	372	373	373	374	374	375	375	375
20	352	352	353	354	356	357	358	360	361	363	364	366	367	368	370	371	371	372	372
25	336	337	338	340	342	344	347	349	351	354	357	359	362	364	366	368	369	371	370
30	317	319	321	323	326	329	333	337	340	345	349	353	357	361	364	367	370	372	371
35	296	299	302	305	310	314	319	324	330	336	342	347	353	358	363	367	370	373	371
40	273	277	281	287	292	299	305	312	320	327	334	341	348	354	360	365	369	372	370
45	248	252	258	265	273	281	290	299	309	317	326	334	341	348	354	360	364	367	365
50	220	226	234	242	252	262	273	284	295	305	314	323	332	339	346	352	356	359	357
55	192	199	208	218	229	241	253	266	278	289	300	310	319	327	334	340	345	348	346
60	162	170	180	191	203	217	230	245	259	271	282	293	303	312	319	326	331	334	332
65	131	140	150	162	176	190	206	221	237	250	262	274	285	294	303	310	315	318	315
70	99.4	108	119	132	146	161	177	193	209	223	237	250	262	272	281	289	295	299	295
75	70.0	79.3	90.7	104	118	133	149	165	180	191	201	211	219	226	232	237	241	243	241
80	41.8	49.5	58.7	69.3	80.9	93.0	105	117	129	134	138	142	145	147	148	149	149	148	148
85	14.4	18.0	22.4	27.4	32.7	38.2	43.7	48.9	53.5	52.8	51.5	49.7	47.6	45.2	42.8	40.4	38.2	36.3	38.2
90	1.04	1.18	1.36	1.56	1.77	1.99	2.19	2.38	2.54	2.42	2.28	2.12	1.95	1.77	1.61	1.46	1.34	1.25	1.46
95	9.97	11.5	13.6	16.0	18.6	21.3	24.0	26.5	28.9	28.1	27.1	25.9	24.5	23.1	21.7	20.5	19.4	18.6	20.4
100	30.9	33.8	37.6	42.1	47.1	52.4	58.0	63.5	69.0	72.1	74.8	77.3	79.5	81.4	83.0	84.3	85.3	86.0	86.6
105	54.5	58.6	63.7	69.6	76.2	83.2	90.4	97.6	105	109	112	115	118	120	122	124	125	126	126
110	78.3	81.4	85.6	90.6	96.3	103	109	116	123	130	136	143	149	154	159	163	166	169	167
115	103	105	109	113	118	123	129	135	141	148	154	160	166	171	176	180	183	186	184
120	126	129	132	136	140	145	150	155	161	166	171	176	180	185	188	192	194	196	195
125	150	152	154	157	161	165	170	174	179	183	188	192	196	199	202	205	207	209	208
130	171	173	175	177	180	184	187	191	195	199	203	206	210	213	216	218	220	222	221
135	190	191	193	195	197	200	202	205	208	212	215	219	222	225	228	230	232	233	232
140	208	209	210	211	212	214	216	219	221	224	227	230	233	235	238	240	241	243	242
145	224	225	225	226	227	228	230	231	233	235	237	239	241	243	245	247	248	249	248
150	238	238	239	239	240	241	242	243	244	245	247	248	249	251	252	253	254	254	254
155	250	250	251	251	251	252	252	253	254	254	255	256	257	257	258	259	259	259	259
160	260	260	261	261	261	261	261	262	262	262	263	263	263	264	264	264	264	264	264
165	268	268	268	268	268	268	268	268	268	269	269	269	269	269	269	269	269	269	269
170	274	274	274	274	273	273	273	273	273	273	273	273	273	273	273	273	273	273	273
175	277	277	277	277	277	276	276	276	276	276	276	276	276	276	276	276	275	275	275
180	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277

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:121.1V I:16.00A P:19.80W PF:0.9900 Freq:60.00Hz Lamp Flux:2439.92x1 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	382	382	382	382	382	382	382	382	382	382	382	382	382	383	383	383	383	383	383
5	381	381	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382
10	379	379	379	379	379	379	379	379	379	379	378	378	378	378	378	378	378	378	378
15	375	375	375	375	374	374	374	373	373	373	372	372	371	371	371	371	370	370	371
20	372	371	371	370	369	368	367	366	365	364	363	362	361	361	360	360	359	359	360
25	369	368	367	365	363	361	359	357	355	354	352	350	349	347	346	345	345	345	346
30	369	367	364	361	358	355	351	348	345	342	339	336	334	332	330	328	327	328	329
35	369	366	362	358	353	348	343	338	334	329	325	321	317	314	311	309	307	308	309
40	367	363	359	354	348	342	336	329	323	316	310	304	299	294	290	286	284	285	288
45	362	358	353	347	341	334	326	318	310	302	293	286	278	272	266	262	258	261	264
50	354	349	344	337	330	322	313	305	294	284	274	265	256	248	241	235	231	234	239
55	342	337	331	324	315	306	297	287	275	263	252	241	230	221	213	206	201	205	211
60	327	321	314	306	296	286	275	264	251	238	225	213	202	191	182	175	170	174	181
65	310	303	294	285	274	263	251	238	224	210	196	182	170	159	149	142	136	141	148
70	289	281	272	261	249	237	223	210	194	179	165	151	138	126	117	109	103	108	115
75	237	232	225	218	209	200	190	179	165	150	135	121	108	95.5	85.1	76.7	70.6	76.3	84.4
80	148	147	146	144	141	138	133	128	117	106	93.7	82.2	71.2	61.2	52.6	45.5	40.6	47.1	55.6
85	40.5	42.9	45.4	47.8	50.0	51.9	53.3	54.2	49.8	45.0	39.9	34.7	29.6	24.9	20.8	17.5	15.1	18.9	23.8
90	1.70	1.96	2.24	2.51	2.78	3.03	3.25	3.42	3.24	3.02	2.78	2.52	2.27	2.04	1.83	1.66	1.55	1.67	1.87
95	22.6	24.9	27.2	29.5	31.7	33.5	35.1	36.2	33.4	30.3	26.9	23.4	20.0	16.8	14.0	11.7	10.1	13.0	16.6
100	86.9	86.8	86.4	85.5	84.3	82.6	80.4	77.8	71.6	65.1	58.5	52.0	45.8	40.2	35.3	31.4	28.7	32.8	38.0
105	126	126	125	124	122	119	116	113	105	97.0	88.9	80.9	73.2	66.2	59.9	54.7	50.9	54.3	59.0
110	165	162	158	154	148	143	137	130	123	115	107	100	93.3	87.2	81.9	77.5	74.4	76.8	80.5
115	182	179	175	170	165	160	154	148	141	134	127	120	114	109	104	101	98.0	100	104
120	193	191	187	184	180	175	171	166	160	153	147	142	136	131	127	124	121	124	127
125	206	204	201	198	195	191	187	182	177	172	166	161	157	152	149	146	144	145	148
130	219	217	215	212	209	205	201	198	193	188	184	180	176	172	169	166	165	166	168
135	231	229	226	224	221	217	214	210	207	203	199	196	193	190	187	185	184	185	186
140	240	238	236	234	231	228	225	222	219	216	213	211	208	206	204	203	202	202	204
145	247	246	244	242	240	238	235	233	231	229	227	225	223	221	220	219	218	219	220
150	253	252	251	250	248	247	245	244	242	240	239	237	236	235	234	233	233	233	234
155	259	258	257	257	256	255	254	253	252	251	250	249	248	247	247	246	246	246	247
160	264	264	263	263	263	262	262	261	260	260	259	259	258	258	257	257	257	257	258
165	269	269	269	269	268	268	268	268	267	267	267	266	266	266	266	265	265	266	266
170	273	273	273	273	273	273	273	273	273	272	272	272	272	272	272	272	272	272	272
175	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276
180	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277

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:121.1V I:16.00A P:19.80W PF:0.9900 Freq:60.00Hz Lamp Flux:2439.92x1 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	383	383	383	383	383	383	383	383	383	383	383	383	383	383	382				
5	382	382	382	382	382	382	382	382	382	382	382	382	382	382	382				
10	378	378	378	378	378	378	378	378	378	378	378	379	379	379	379				
15	371	371	371	371	372	372	372	372	373	373	373	374	374	374	375				
20	360	360	361	362	362	363	364	365	365	366	367	368	368	369	370				
25	346	347	348	350	351	353	354	355	357	358	360	361	363	364	366				
30	330	332	334	336	338	341	343	346	348	351	353	356	358	361	364				
35	312	314	317	321	324	328	333	336	340	343	347	351	355	359	364				
40	291	295	300	305	311	317	323	327	332	337	342	347	352	357	362				
45	269	275	281	288	296	304	312	318	323	329	335	341	347	353	359				
50	245	252	260	269	279	288	298	305	312	319	326	332	339	345	352				
55	218	227	236	247	258	269	281	289	297	305	312	320	327	335	342				
60	189	198	209	221	233	246	259	268	277	286	294	303	311	320	328				
65	157	167	179	192	205	219	233	244	254	264	274	283	293	302	312				
70	125	136	148	162	176	191	207	218	229	240	250	261	272	283	293				
75	94.6	107	120	134	150	165	181	193	204	215	226	237	248	258	269				
80	65.9	77.7	90.5	104	118	132	146	156	164	173	180	188	194	200	206				
85	29.5	36.0	43.0	50.4	58.0	65.8	73.4	78.6	83.5	88.2	92.7	96.9	101	104	108				
90	2.13	2.46	2.86	3.33	3.86	4.47	5.14	5.88	6.70	7.58	8.53	9.55	10.6	11.8	13.0				
95	20.8	25.5	30.6	35.8	41.2	46.6	51.9	55.3	58.5	61.5	64.1	66.6	68.8	70.7	72.5				
100	44.2	51.2	58.8	66.8	75.0	83.1	91.1	96.0	100	105	108	111	114	117	119				
105	65.0	71.9	79.5	87.8	96.4	105	114	120	126	132	137	143	148	153	158				
110	85.2	90.8	97.2	104	112	119	127	133	139	146	152	158	164	170	176				
115	108	113	119	126	132	140	147	152	157	163	168	173	179	184	189				
120	131	135	141	146	153	159	165	170	175	179	184	188	193	197	202				
125	151	155	160	165	170	176	181	186	190	194	199	203	207	212	216				
130	171	174	178	182	186	191	195	199	203	207	211	216	220	224	229				
135	188	191	194	197	201	204	208	212	215	219	223	227	231	235	239				
140	205	207	210	212	215	218	221	224	227	230	233	236	240	243	247				
145	221	223	225	227	229	231	234	236	238	240	243	245	248	250	253				
150	235	237	238	240	242	244	245	247	249	250	252	253	255	257	258				
155	248	249	250	251	253	254	255	256	258	259	260	261	262	263	265				
160	258	259	260	261	262	262	263	264	265	266	267	267	268	269	270				
165	266	267	267	268	268	269	270	270	271	271	272	272	273	273	274				
170	272	273	273	273	273	274	274	274	275	275	275	275	276	276	276				
175	276	276	276	276	277	277	277	277	277	277	277	277	277	277	277				
180	277	277	277	277	277	277	277	277	277	277	277	277	277	277	277				

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: