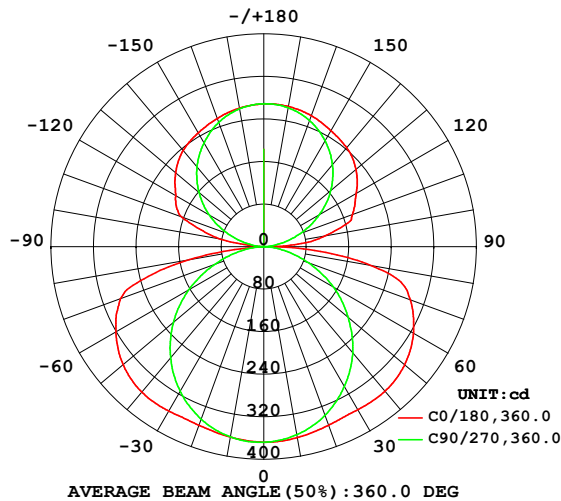


LUMINAIRE PHOTOMETRIC TEST REPORT

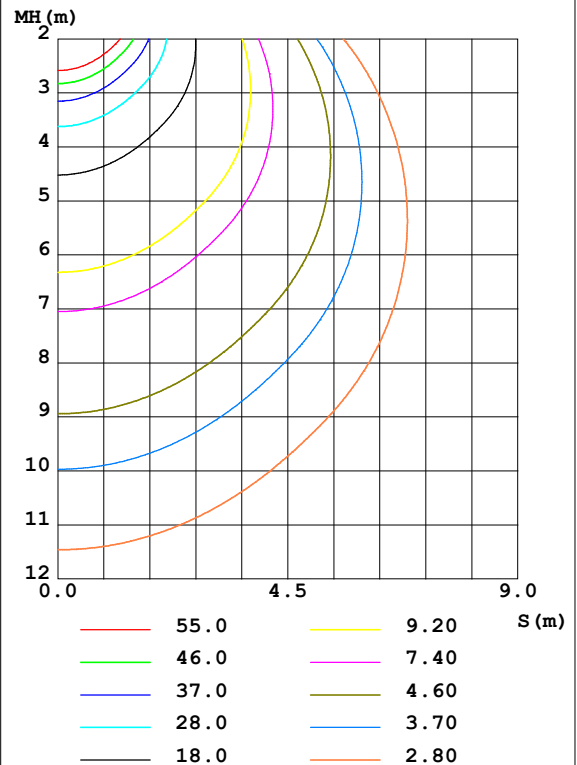
Test:U:121.2V I:0.1640A P:19.90W PF:0.9900 Freq:60.00Hz Lamp Flux:2354.55x1 lm		
NAME: 14代 2FT	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 118.32 lm/W			
MODEL		Imax(cd)	367.9	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)	2354.5	η UP,DN(C0-180)	20.3,29.5
NOMINAL FLUX(lm)	2354.55	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	20.2,30.1
LAMPS INSIDE	1	η up(%)	40.4	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120.0	η down(%)	59.6	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:

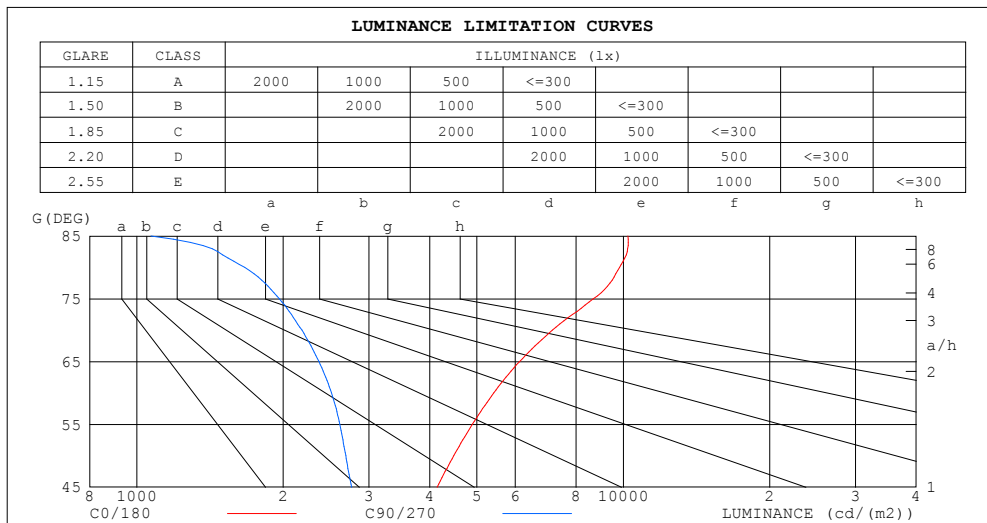
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	364.6	361.0	359.0	361.3	363.7	363.6	363.3	363.2	0- 10	34.83	34.83	1.48,1.48
20	357.3	344.9	337.4	346.6	357.3	351.0	345.2	349.9	10- 20	100.7	135.5	5.76,5.76
30	354.0	323.0	303.4	326.6	357.1	333.0	314.5	330.6	20- 30	156.7	292.3	12.4,12.4
40	354.8	300.6	260.5	307.0	357.0	315.0	272.5	311.1	30- 40	200.4	492.6	20.9,20.9
50	345.8	276.9	207.4	283.6	345.3	291.4	221.9	287.9	40- 50	228.7	721.4	30.6,30.6
60	325.1	242.7	150.8	248.9	321.2	252.4	163.3	250.4	50- 60	235.7	957.1	40.6,40.6
70	293.3	197.2	89.66	201.9	286.9	199.5	98.88	200.6	60- 70	217.3	1174	49.9,49.9
80	204.6	135.0	34.74	124.8	141.1	121.9	38.91	142.1	70- 80	170.1	1344	57.1,57.1
90	14.48	3.139	0.8998	2.478	1.206	3.292	1.537	4.971	80- 90	57.84	1402	59.6,59.6
100	116.5	79.95	28.04	67.10	82.87	75.35	28.05	88.22	90-100	36.35	1439	61.1,61.1
110	177.4	129.8	73.85	120.5	164.7	127.0	72.03	123.9	100-110	104.9	1544	65.6,65.6
120	200.8	166.9	121.1	157.1	191.5	161.2	118.0	160.5	110-120	139.7	1683	71.5,71.5
130	226.5	197.4	164.8	189.7	216.4	191.8	159.1	189.6	120-130	157.2	1840	78.2,78.2
140	242.9	220.4	201.0	214.5	236.3	215.2	195.7	214.3	130-140	158.1	1999	84.9,84.9
150	252.2	241.2	230.7	236.5	247.1	236.0	225.3	237.6	140-150	142.8	2141	90.9,90.9
160	262.1	257.4	252.3	253.7	256.7	252.9	248.7	254.9	150-160	114.0	2255	95.8,95.8
170	267.6	266.4	265.2	264.5	264.5	264.1	263.3	265.2	160-170	73.67	2329	98.9,98.9
180	268.0	268.0	268.0	268.0	268.0	268.0	268.0	268.0	170-180	25.47	2355	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:0.1640A P:19.90W PF:0.9900 Freq:60.00Hz Lamp Flux:2354.55x1 lm		
NAME: 14代 2FT	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:



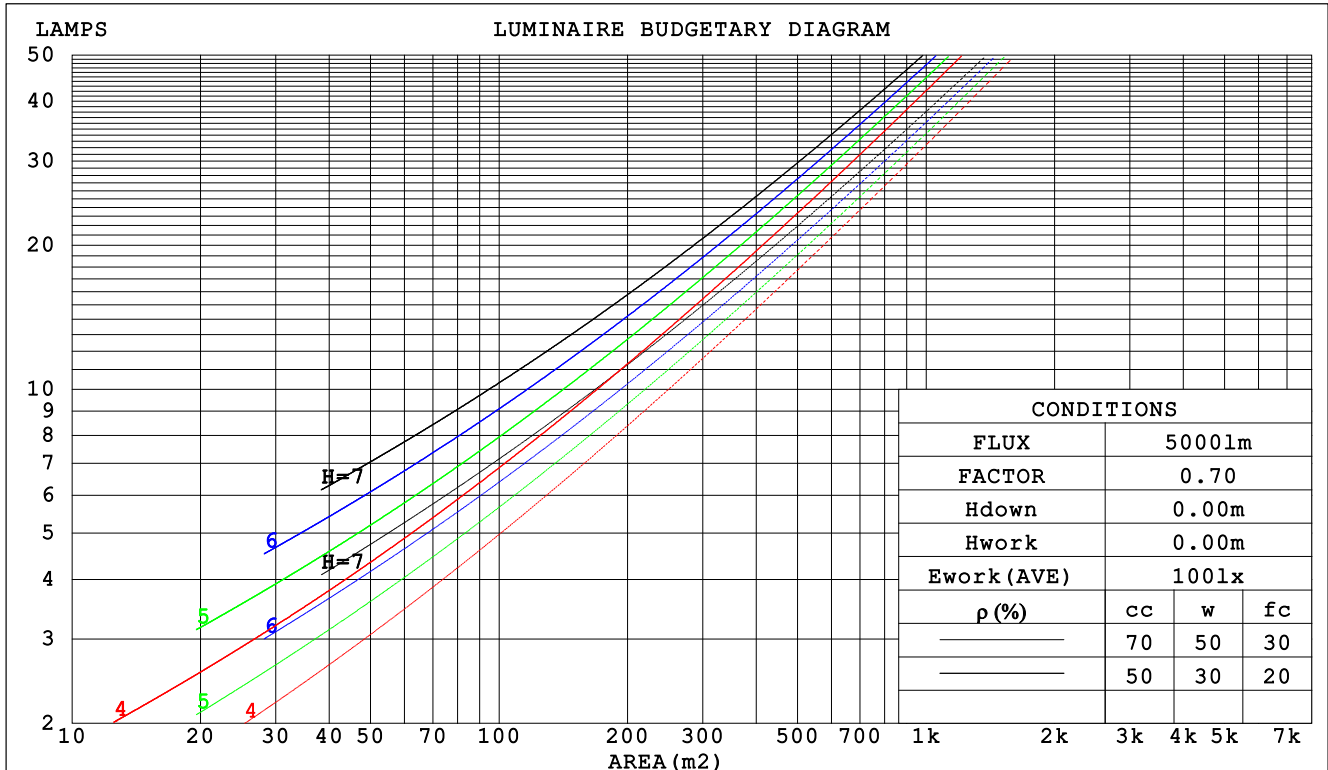
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:121.2V I:0.1640A P:19.90W PF:0.9900 Freq:60.00Hz Lamp Flux:2354.55x1 lm		
NAME: 14代 2FT	TYPE:3000K	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	.63	.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	.34	.31
4.0	.61	.52	.46	.57	.49	.43	.49	.43	.38	.42	.38	.34	.36	.32	.29	.25
5.0	.54	.45	.39	.51	.43	.37	.44	.37	.33	.38	.33	.29	.32	.28	.25	.22
6.0	.48	.39	.33	.45	.37	.31	.39	.33	.28	.34	.29	.25	.29	.25	.21	.19
7.0	.43	.35	.29	.41	.33	.27	.35	.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	.29	.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:0.1640A P:19.90W PF:0.9900 Freq:60.00Hz Lamp Flux:2354.55x1 lm		
NAME: 14代 2FT	TYPE:3000K	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	.324	.185	.058	.305	.174	.055	.269	.154	.049	.236	.136	.044	.205	.119	.038		
2.0	.296	.162	.050	.278	.153	.047	.245	.136	.042	.215	.121	.038	.187	.106	.033		
3.0	.269	.143	.043	.253	.136	.041	.223	.121	.037	.195	.107	.033	.169	.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	.075	.023		
6.0	.208	.104	.030	.196	.099	.028	.172	.088	.026	.151	.078	.023	.130	.068	.020		
7.0	.193	.095	.027	.181	.090	.026	.160	.081	.023	.140	.072	.021	.121	.063	.018		
8.0	.179	.088	.025	.169	.083	.024	.149	.074	.021	.130	.066	.019	.112	.058	.017		
9.0	.168	.081	.023	.158	.077	.022	.139	.069	.020	.122	.061	.017	.105	.053	.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	.499	.499	.499	.426	.426	.426	.291	.291	.291	.167	.167	.167	.053	.053	.053	
1.0	.492	.467	.444	.421	.401	.382	.288	.276	.264	.166	.159	.154	.053	.051	.050	
2.0	.486	.445	.410	.416	.383	.355	.285	.265	.247	.164	.154	.145	.053	.050	.047	
3.0	.479	.429	.389	.410	.370	.337	.282	.257	.236	.163	.150	.139	.052	.049	.046	
4.0	.472	.417	.375	.405	.360	.325	.278	.251	.229	.161	.147	.136	.052	.048	.045	
5.0	.465	.407	.365	.399	.352	.317	.275	.246	.224	.159	.145	.133	.051	.047	.044	
6.0	.458	.400	.358	.394	.346	.312	.272	.242	.220	.158	.143	.131	.051	.047	.043	
7.0	.452	.394	.353	.389	.341	.307	.269	.239	.218	.156	.141	.130	.050	.046	.043	
8.0	.446	.388	.349	.384	.337	.304	.265	.236	.216	.154	.139	.129	.050	.046	.043	
9.0	.440	.384	.346	.379	.333	.302	.263	.234	.214	.153	.138	.128	.050	.045	.042	
10.0	.434	.380	.343	.375	.330	.300	.260	.232	.213	.152	.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:0.1640A P:19.90W PF:0.9900 Freq:60.00Hz Lamp Flux:2354.55x1 lm											
NAME: 14代 2FT						TYPE:3000K			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	2H	16.5	17.6	17.2	18.3	19.3	13.5	14.6	14.2	15.3	16.3
	3H	19.3	20.3	20.1	21.1	22.1	14.8	15.8	15.6	16.6	17.6
	4H	20.8	21.8	21.6	22.6	23.6	15.3	16.2	16.1	17.0	18.1
	6H	22.2	23.1	23.0	23.9	25.0	15.6	16.5	16.4	17.3	18.3
	8H	22.7	23.6	23.6	24.4	25.5	15.7	16.5	16.5	17.3	18.4
	12H	23.1	23.9	24.0	24.8	25.8	15.7	16.5	16.5	17.3	18.4
4H	2H	16.9	17.8	17.7	18.7	19.7	14.8	15.7	15.6	16.5	17.6
	3H	19.9	20.7	20.8	21.6	22.6	16.4	17.2	17.2	18.0	19.1
	4H	21.6	22.3	22.5	23.2	24.3	17.0	17.8	17.9	18.6	19.7
	6H	23.2	23.8	24.1	24.7	25.8	17.5	18.1	18.4	19.0	20.1
	8H	23.8	24.4	24.7	25.3	26.4	17.6	18.2	18.5	19.1	20.2
	12H	24.2	24.8	25.2	25.7	26.9	17.6	18.1	18.5	19.0	20.2
8H	4H	21.8	22.4	22.7	23.3	24.4	18.2	18.8	19.1	19.7	20.8
	6H	23.6	24.1	24.5	25.0	26.2	18.9	19.4	19.8	20.3	21.5
	8H	24.3	24.8	25.3	25.7	26.9	19.1	19.6	20.1	20.5	21.7
	12H	24.9	25.3	25.9	26.2	27.5	19.2	19.6	20.2	20.6	21.8
12H	4H	21.8	22.3	22.7	23.2	24.4	18.4	19.0	19.4	19.9	21.0
	6H	23.6	24.0	24.5	25.0	26.2	19.4	19.8	20.3	20.7	21.9
	8H	24.4	24.8	25.4	25.7	26.9	19.7	20.1	20.6	21.0	22.2
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 2355 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.0)

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:0.1640A P:19.90W PF:0.9900 Freq:60.00Hz Lamp Flux:2354.55x1 lm		
NAME: 14代 2FT	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:

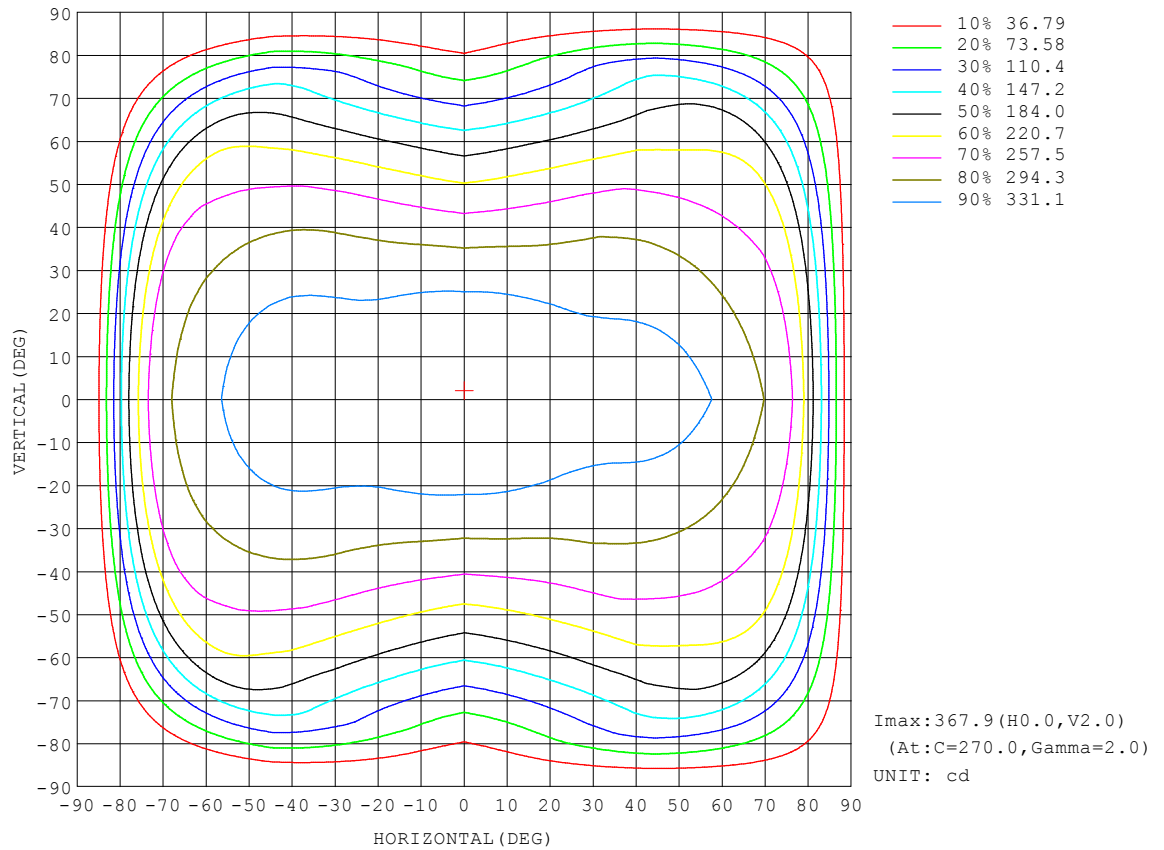
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	43	31	25	41	30	24	37	28	23	15
0.80	53	40	33	50	38	31	45	35	29	20
1.00	60	48	40	57	46	39	51	43	36	24
1.25	67	55	47	63	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:121.2V I:0.1640A P:19.90W PF:0.9900 Freq:60.00Hz Lamp Flux:2354.55x1 lm		
NAME: 14代 2FT	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:

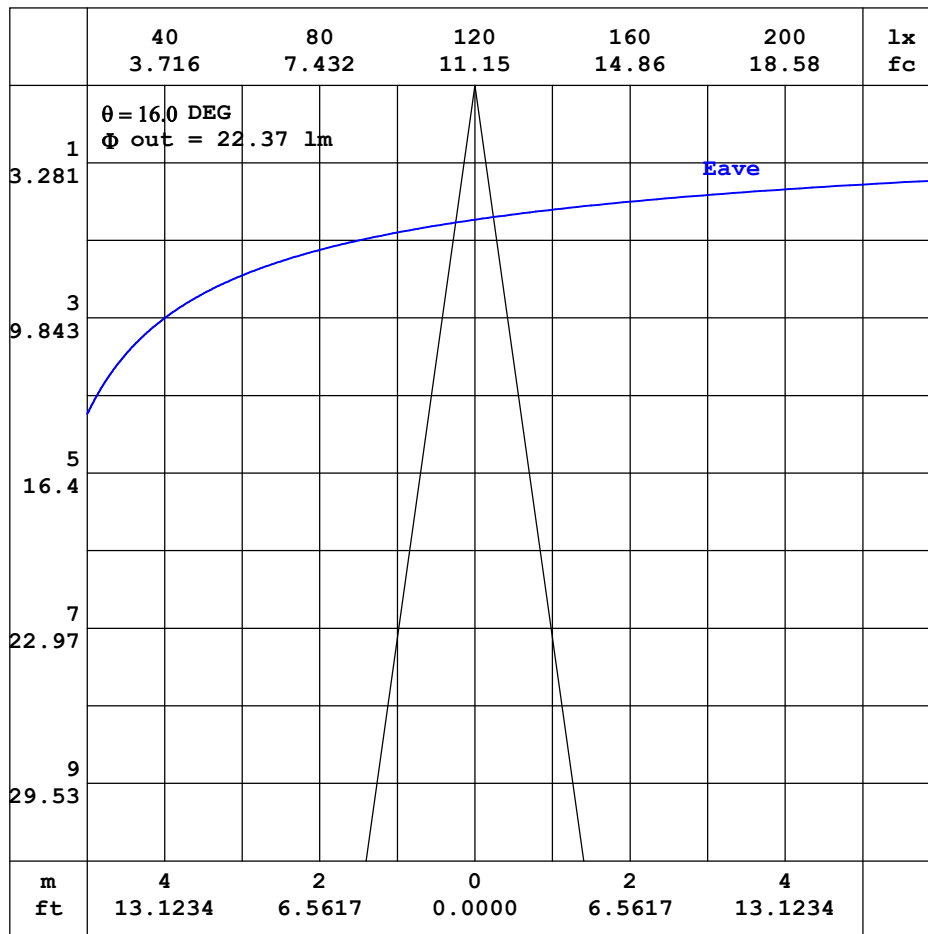


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.1640A P:19.90W PF:0.9900 Freq:60.00Hz Lamp Flux:2354.55x1 lm		
NAME: 14代 2FT	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:



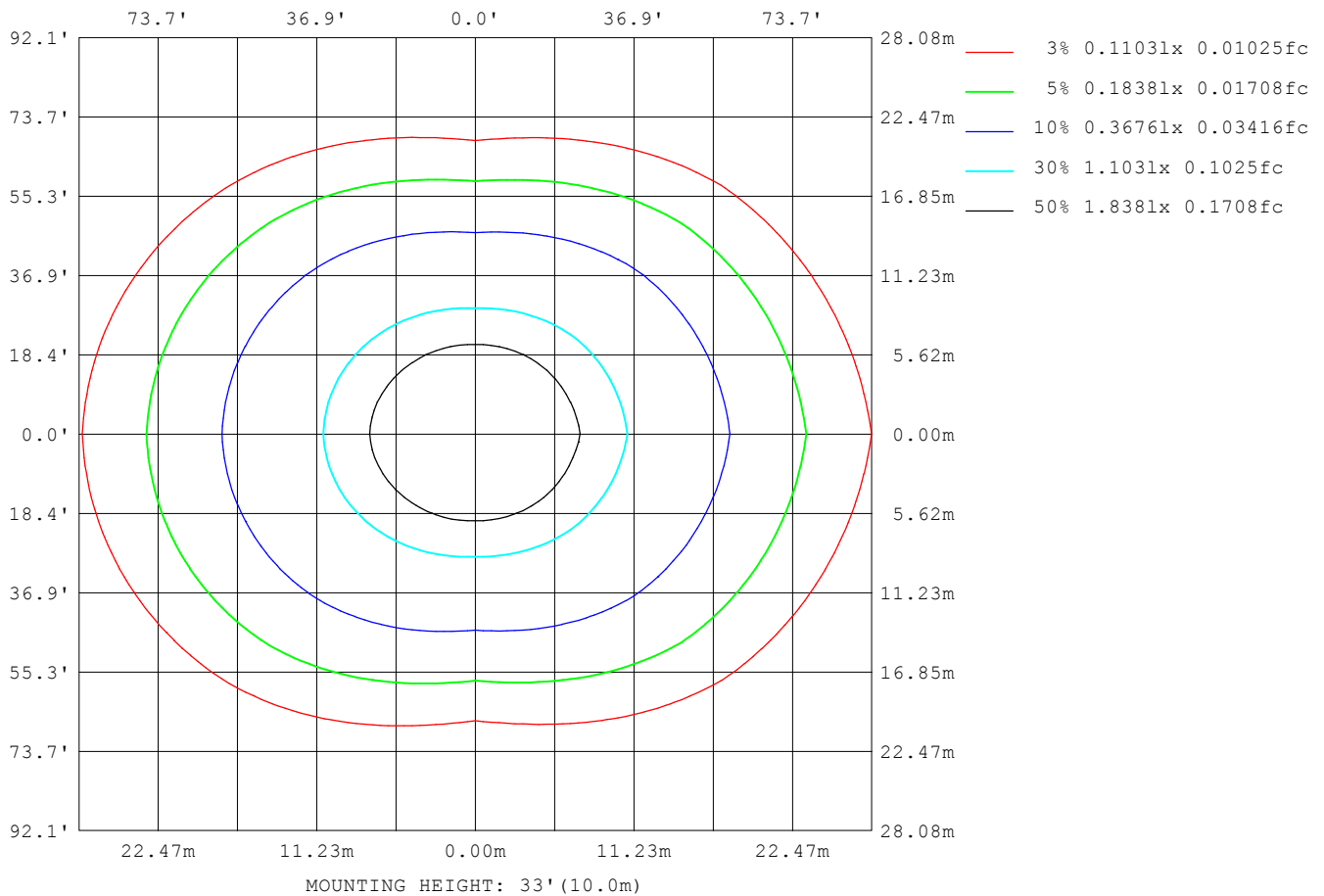
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.1640A P:19.90W PF:0.9900 Freq:60.00Hz Lamp Flux:2354.55x1 lm		
NAME: 14代 2FT	TYPE:3000K	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:0.1640A P:19.90W PF:0.9900 Freq:60.00Hz Lamp Flux:2354.55x1 lm		
NAME: 14代 2FT	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:0.6*0.2	Shielding Angle:

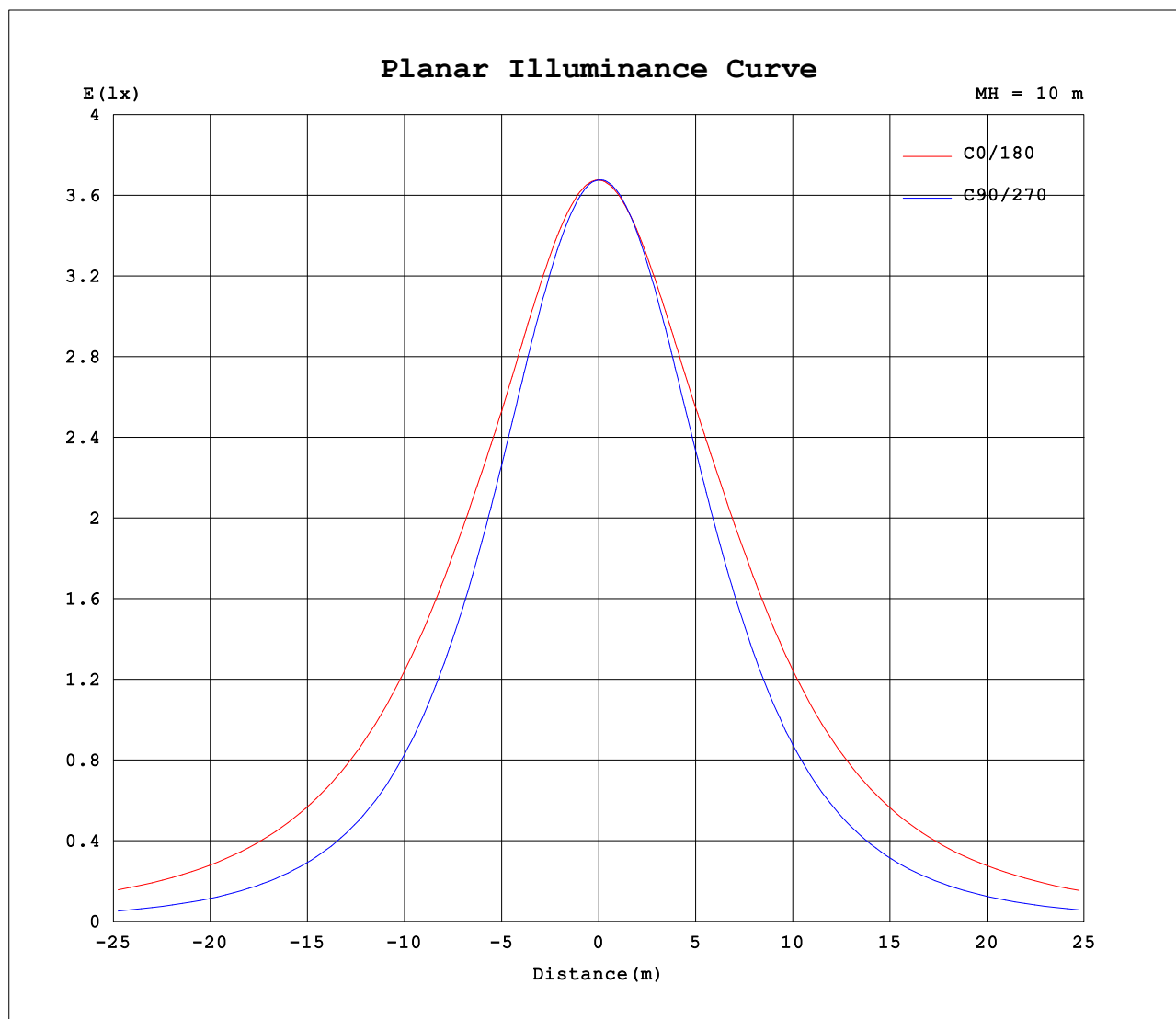
AvgL	cd/m2
L_0~180 (65) av	6077
L_0~180 (75) av	8085
L_0~180 (85) av	6771
L_90~270 (65) av	2474
L_90~270 (75) av	2072
L_90~270 (85) av	1227
L_45 (65) av	4455
L_45 (75) av	5562
L_45 (85) av	5809

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:0.1640A P:19.90W PF:0.9900 Freq:60.00Hz Lamp Flux:2354.55x1 lm		
NAME: 14代 2FT	TYPE:3000K	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	368	368	368	367	367	367	367	367	367	367	367	367	367	367	368	368	368	368	368
5	367	367	367	366	366	366	366	366	366	366	365	365	365	365	365	365	365	365	365
10	365	364	364	363	363	362	362	362	361	361	361	360	360	360	360	359	359	359	359
15	361	360	359	358	358	357	356	355	355	354	353	353	352	351	351	351	350	350	350
20	357	356	354	353	351	350	348	347	346	345	344	342	341	340	339	339	338	338	337
25	354	352	349	347	344	342	340	338	336	334	332	330	328	327	325	324	323	322	322
30	354	350	346	342	339	335	332	329	326	323	320	317	314	311	309	307	305	304	303
35	355	350	344	339	334	329	324	320	315	311	306	302	298	294	291	288	285	284	283
40	355	348	342	335	329	323	317	311	306	301	294	288	282	277	272	268	264	262	261
45	352	345	337	330	323	316	310	303	296	290	281	273	265	258	251	245	241	237	235
50	346	338	331	323	315	308	300	292	285	277	267	256	247	237	229	222	215	211	207
55	337	329	321	312	304	296	287	279	270	261	249	237	226	215	206	197	189	184	180
60	325	316	308	299	290	281	271	262	252	243	229	216	203	191	180	170	162	155	151
65	310	301	292	283	273	263	253	243	233	222	208	193	179	165	153	142	133	125	120
70	293	283	273	263	252	241	230	220	208	197	182	166	151	137	124	112	103	95.0	89.7
75	270	259	249	238	227	216	205	194	182	171	155	139	124	109	96.1	84.3	74.3	66.4	61.0
80	205	198	192	185	177	170	162	153	144	135	121	108	94.0	81.1	68.9	57.9	48.3	40.5	34.7
85	107	104	100.0	96.1	92.0	87.7	83.2	78.5	73.5	68.3	60.7	53.1	45.6	38.3	31.4	25.1	19.5	14.8	11.2
90	14.5	12.8	11.2	9.69	8.31	7.05	5.91	4.87	3.95	3.14	2.54	2.04	1.64	1.33	1.11	0.96	0.88	0.86	0.90
95	71.4	68.7	66.0	63.2	60.2	57.2	54.1	50.8	47.5	44.1	39.4	34.7	30.1	25.6	21.4	17.5	14.0	11.1	8.68
100	116	113	110	106	102	98.1	93.8	89.4	84.8	80.0	73.0	66.0	59.1	52.5	46.2	40.5	35.5	31.3	28.0
105	157	153	149	144	140	135	129	124	118	112	104	95.4	87.0	79.0	71.5	64.6	58.7	53.7	50.1
110	177	173	168	162	157	152	147	141	135	130	122	114	107	99.3	92.6	86.6	81.3	77.0	73.8
115	189	185	181	176	172	167	163	158	153	148	141	134	127	121	115	109	105	101	97.8
120	201	198	194	191	187	183	180	175	171	167	161	154	148	142	137	132	127	124	121
125	215	212	208	205	202	198	195	191	187	183	178	172	167	162	157	153	149	146	143
130	226	223	220	217	214	211	207	204	201	197	193	188	184	180	176	172	169	167	165
135	236	233	230	227	224	221	218	215	212	209	206	202	199	195	192	189	187	185	184
140	243	240	238	235	233	230	228	225	223	220	218	215	212	210	207	205	203	202	201
145	248	246	244	242	240	238	236	234	233	231	229	227	225	223	221	220	219	218	217
150	252	251	250	248	247	246	245	244	242	241	240	238	237	236	234	233	232	231	231
155	258	257	256	255	254	254	253	252	251	250	249	248	247	246	245	244	244	243	242
160	262	262	261	261	260	260	259	258	258	257	257	256	255	255	254	254	253	253	252
165	266	265	265	265	264	264	264	263	263	263	262	262	262	261	261	261	260	260	260
170	268	268	267	267	267	267	267	267	267	266	266	266	266	266	266	266	265	265	265
175	269	269	269	269	269	269	269	268	268	268	268	268	268	268	268	268	268	268	268
180	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268

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:0.1640A P:19.90W PF:0.9900 Freq:60.00Hz Lamp Flux:2354.55x1 lm		
NAME: 14代 2FT	TYPE:3000K	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	368	368	367	367	367	367	367	367	367	367	367	367	367	367	367	368	368	368	368
5	365	365	365	365	365	365	365	365	366	366	366	366	366	366	366	366	366	366	366
10	359	359	360	360	360	360	361	361	361	362	362	362	362	363	363	363	363	364	364
15	350	350	351	351	352	353	353	354	355	356	356	357	358	358	359	360	360	360	360
20	338	339	339	340	341	343	344	345	347	348	349	351	352	354	355	356	357	357	357
25	323	324	325	327	328	330	332	335	337	340	342	345	347	349	351	353	355	356	355
30	305	306	308	311	313	316	320	323	327	331	335	339	343	347	350	353	355	357	356
35	285	287	290	293	297	302	306	311	316	322	328	334	339	344	349	353	356	358	357
40	263	266	270	275	281	287	293	300	307	314	321	328	334	340	346	350	354	357	355
45	238	243	248	255	262	270	279	288	296	305	313	321	328	335	341	346	350	353	351
50	212	217	225	233	242	252	262	273	284	293	302	311	319	326	333	338	342	345	343
55	185	191	200	209	220	231	243	256	268	278	288	298	307	314	321	327	332	335	332
60	156	164	173	184	196	208	222	235	249	260	271	282	291	300	307	313	318	321	318
65	126	134	145	156	169	183	198	213	228	240	252	263	274	283	291	298	303	306	302
70	95.8	104	115	127	141	155	171	186	202	215	228	240	252	262	271	278	283	287	283
75	67.6	76.6	87.6	100	114	129	144	159	174	184	194	203	211	218	223	228	231	233	230
80	40.2	47.6	56.7	67.0	78.2	90.0	102	114	125	130	133	137	139	141	142	142	142	141	141
85	13.7	17.2	21.6	26.4	31.7	37.0	42.3	47.3	51.8	51.1	49.8	48.0	45.9	43.6	41.2	38.8	36.6	34.7	36.5
90	1.01	1.16	1.33	1.53	1.73	1.94	2.14	2.32	2.48	2.36	2.22	2.06	1.90	1.73	1.56	1.42	1.30	1.21	1.40
95	9.63	11.1	13.1	15.3	17.8	20.4	23.0	25.4	27.7	26.9	26.0	24.8	23.5	22.1	20.8	19.6	18.5	17.8	19.6
100	30.0	32.9	36.6	41.0	45.8	51.0	56.4	61.8	67.1	70.0	72.6	74.9	77.0	78.7	80.2	81.4	82.3	82.9	83.5
105	52.9	57.0	62.0	67.9	74.4	81.3	88.4	95.5	102	106	110	113	115	117	119	120	121	122	123
110	75.9	79.1	83.2	88.2	93.8	100	107	114	121	127	133	139	145	150	155	159	162	165	163
115	99.3	102	105	110	114	120	126	132	138	144	150	156	162	167	172	176	179	182	180
120	123	125	128	132	136	141	146	152	157	162	167	172	176	180	184	187	190	192	190
125	145	147	149	153	156	161	165	170	174	179	183	187	191	195	198	200	203	204	203
130	166	167	169	172	175	178	182	186	190	194	197	201	205	208	211	213	215	216	215
135	184	185	187	189	191	194	196	199	203	206	209	213	216	219	222	224	226	227	226
140	201	202	203	204	206	208	210	212	214	217	220	223	226	229	231	233	235	236	235
145	217	217	218	219	220	221	223	224	226	228	230	232	235	237	238	240	241	242	241
150	231	231	231	232	233	233	234	235	236	238	239	241	242	243	245	246	246	247	247
155	242	243	243	243	243	244	245	245	246	247	248	248	249	250	251	251	252	252	252
160	252	252	252	252	253	253	253	253	254	254	255	255	255	256	256	256	257	257	256
165	260	260	260	260	260	260	260	260	260	260	260	260	261	261	261	261	261	261	261
170	265	265	265	265	265	265	265	265	264	264	264	264	264	265	265	265	265	265	265
175	268	268	268	268	268	268	267	267	267	267	267	267	267	267	267	267	267	267	267
180	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268

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:0.1640A P:19.90W PF:0.9900 Freq:60.00Hz Lamp Flux:2354.55x1 lm		
NAME: 14代 2FT	TYPE:3000K	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	368	368	368	367	367	367	367	367	367	367	367	367	368	368	368	368	368	368	368
5	366	366	366	366	366	366	367	367	367	367	367	367	367	367	367	367	367	367	367
10	364	364	364	364	364	364	364	364	364	364	364	363	363	363	363	363	363	363	363
15	360	360	360	360	359	359	358	358	358	357	357	357	357	356	356	356	356	356	356
20	357	356	356	355	354	353	352	351	350	349	348	348	347	346	346	345	345	345	346
25	354	353	352	350	348	346	344	342	341	339	337	336	335	333	332	332	331	331	332
30	354	352	350	347	343	340	336	333	330	327	325	322	320	318	317	315	314	315	316
35	354	351	348	343	339	334	329	324	320	315	311	308	304	301	298	296	295	296	298
40	352	349	344	339	334	328	321	315	309	303	297	291	286	282	278	275	272	274	277
45	348	344	339	333	326	319	312	305	297	289	281	274	267	261	255	251	248	251	254
50	340	335	330	323	316	308	300	291	282	272	262	253	245	237	231	226	222	225	230
55	329	323	317	310	302	293	284	274	263	252	241	230	220	212	204	198	193	197	203
60	314	308	301	293	284	274	263	252	240	227	215	204	193	183	175	168	163	168	174
65	297	290	282	273	262	251	239	227	214	200	187	174	162	152	143	136	131	136	143
70	277	269	260	249	238	226	213	200	185	171	157	144	131	121	111	104	98.9	104	111
75	226	221	215	208	200	190	181	170	156	142	128	115	102	90.9	81.1	73.3	67.7	73.5	81.5
80	141	140	139	137	134	131	127	122	111	100	89.0	78.0	67.7	58.2	50.1	43.5	38.9	45.3	53.7
85	38.6	40.8	43.2	45.4	47.5	49.3	50.7	51.5	47.3	42.7	37.8	32.9	28.1	23.7	19.8	16.7	14.5	18.3	23.1
90	1.63	1.88	2.15	2.41	2.67	2.91	3.12	3.29	3.12	2.92	2.69	2.45	2.21	1.99	1.80	1.64	1.54	1.65	1.82
95	21.7	24.0	26.3	28.5	30.6	32.5	34.0	35.1	32.4	29.4	26.0	22.6	19.3	16.2	13.5	11.2	9.66	12.5	15.9
100	83.8	83.8	83.4	82.6	81.5	79.9	77.8	75.4	69.4	63.1	56.7	50.5	44.6	39.1	34.5	30.7	28.0	32.0	37.0
105	123	122	121	120	118	116	113	110	102	94.3	86.4	78.6	71.1	64.2	58.1	53.0	49.2	52.5	57.2
110	161	158	154	150	145	139	133	127	119	112	104	97.3	90.6	84.6	79.4	75.1	72.0	74.4	78.0
115	178	175	171	166	161	155	149	143	137	130	123	117	111	106	101	97.9	95.3	97.5	101
120	189	186	183	179	175	171	166	161	155	149	143	138	132	128	124	120	118	120	123
125	201	199	196	193	190	186	182	177	172	167	162	157	152	148	144	141	139	141	143
130	214	212	209	206	203	199	196	192	187	183	178	174	170	166	163	161	159	160	162
135	225	223	220	217	214	211	208	204	200	197	193	190	187	184	181	179	178	179	180
140	234	232	230	227	224	221	218	215	212	209	207	204	202	200	198	197	196	196	198
145	240	239	237	235	233	231	228	226	224	221	219	217	216	214	213	212	211	212	213
150	246	245	244	242	241	239	238	236	234	233	231	230	229	227	226	226	225	226	227
155	251	250	250	249	248	247	246	245	244	243	242	241	240	239	239	238	238	238	239
160	256	256	255	255	255	254	253	253	252	252	251	250	250	249	249	249	249	249	250
165	261	261	260	260	260	260	260	259	259	259	258	258	258	257	257	257	257	257	258
170	264	264	264	264	264	264	264	264	264	264	264	264	263	263	263	263	263	263	264
175	267	267	267	267	267	267	267	267	267	267	267	267	267	267	267	267	267	267	267
180	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268

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:0.1640A P:19.90W PF:0.9900 Freq:60.00Hz Lamp Flux:2354.55x1 lm																	
NAME: 14代 2FT									TYPE:3000K						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	367	367	367	367	367	367	367	367	367	367	367	367	367	367	368				
5	367	367	367	367	367	367	366	366	366	366	367	367	367	367	367				
10	363	363	363	363	363	363	363	363	363	364	364	364	364	364	364				
15	356	356	356	357	357	357	357	358	358	358	359	359	360	360	361				
20	346	346	347	348	348	349	350	351	351	352	353	354	354	355	356				
25	333	334	335	336	338	339	341	342	343	345	346	348	349	351	353				
30	317	319	321	323	325	328	331	333	335	338	340	343	345	348	351				
35	300	302	305	309	312	316	321	324	327	331	335	339	343	347	351				
40	280	284	289	294	299	305	311	316	320	325	330	335	340	345	350				
45	259	265	271	278	285	293	301	306	312	318	324	329	335	341	346				
50	236	243	251	260	269	278	288	295	301	308	315	321	327	334	340				
55	210	219	228	238	249	260	271	279	287	295	302	309	316	323	330				
60	182	191	202	213	225	238	250	259	268	277	285	293	302	310	317				
65	151	162	173	186	199	213	226	236	246	256	265	274	284	293	302				
70	121	132	144	157	171	186	201	211	222	232	243	253	263	273	283				
75	91.5	103	116	130	145	161	176	187	198	209	219	230	240	250	260				
80	63.8	75.3	87.8	101	115	128	142	151	159	167	175	182	188	194	200				
85	28.7	35.1	41.9	49.1	56.6	64.1	71.4	76.5	81.2	85.7	89.9	93.8	97.5	101	104				
90	2.06	2.37	2.75	3.20	3.71	4.31	4.97	5.73	6.56	7.47	8.45	9.50	10.6	11.8	13.1				
95	20.0	24.5	29.4	34.5	39.8	45.0	50.1	53.4	56.5	59.3	61.9	64.3	66.4	68.3	70.0				
100	43.0	49.8	57.1	64.8	72.7	80.6	88.2	92.9	97.3	101	105	108	111	113	115				
105	63.0	69.7	77.1	85.2	93.6	102	111	117	122	128	133	139	144	148	153				
110	82.7	88.2	94.4	101	109	116	124	130	136	142	148	153	159	165	171				
115	105	110	116	122	128	135	142	147	153	158	163	168	174	179	184				
120	127	131	137	142	148	154	160	165	170	174	179	183	188	192	196				
125	147	151	155	160	165	170	176	180	184	189	193	197	202	206	210				
130	165	168	172	176	180	185	190	193	197	201	205	209	213	218	222				
135	182	185	188	191	194	198	202	205	209	212	216	220	224	228	232				
140	199	201	203	206	208	211	214	217	220	223	226	229	232	236	239				
145	214	216	217	220	222	224	226	229	231	233	235	238	240	242	245				
150	228	229	231	232	234	236	238	239	241	242	244	245	247	249	250				
155	240	241	242	243	244	246	247	248	249	250	252	253	254	255	256				
160	250	251	251	252	253	254	255	256	256	257	258	259	260	260	261				
165	258	258	259	259	260	260	261	261	262	262	263	263	264	265	265				
170	264	264	264	264	265	265	265	265	266	266	266	267	267	267	267				
175	267	267	267	268	268	268	268	268	268	268	268	268	268	269	269				
180	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268				

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: