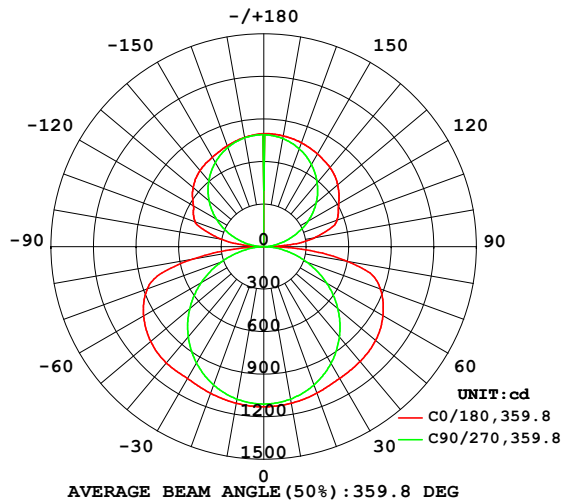


LUMINAIRE PHOTOMETRIC TEST REPORT

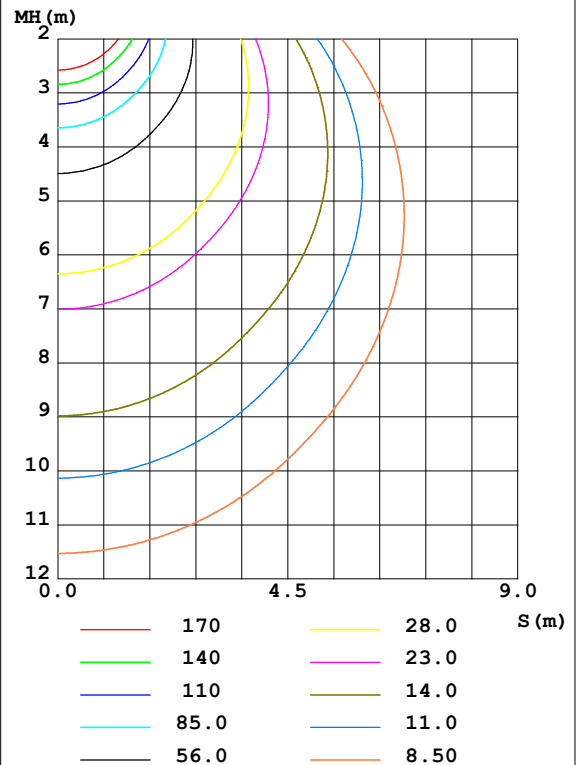
Test:U:120.5V I:0.4680A P:56.00W PF:0.9900 Freq:60.00Hz Lamp Flux:7306.46x1 lm		
NAME: 14代 8FT	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 130.47 lm/W			
MODEL		I _{max} (cd)	1132	S/MH(C0/180)	1.45
NOMINAL POWER(W)	60W	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	7306.5	η UP,DN(C0-180)	19.8,30.2
NOMINAL FLUX(lm)	7306.46	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	20.5,29.5
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:

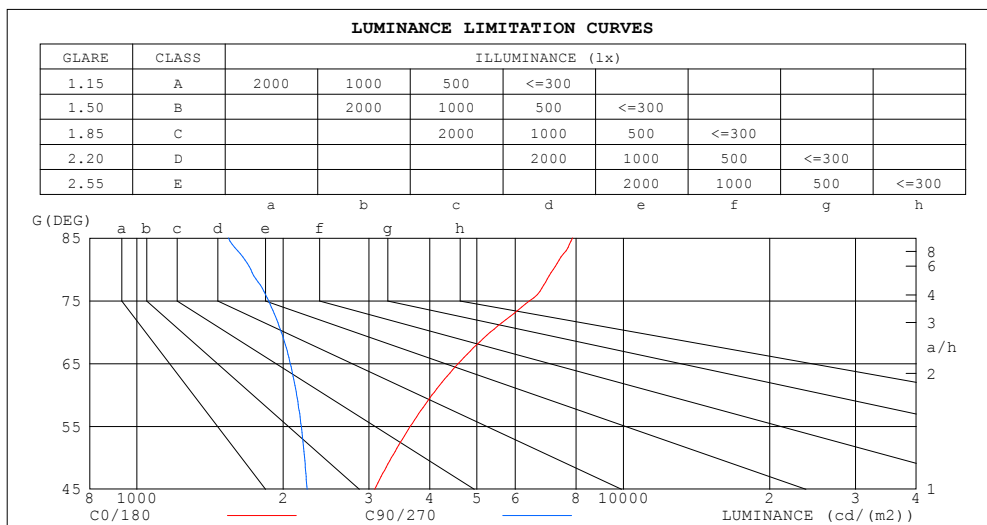
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1121	1116	1092	1096	1122	1117	1092	1097	0- 10	106.2	106.2	1.45,1.45
20	1099	1077	1038	1060	1100	1077	1038	1061	10- 20	308.2	414.4	5.67,5.67
30	1073	1016	949.6	1002	1075	1011	949.1	1001	20- 30	480.3	894.6	12.2,12.2
40	1057	940.9	830.3	931.6	1071	937.1	829.3	928.3	30- 40	610.8	1505	20.6,20.6
50	1030	862.7	682.6	862.8	1041	874.7	682.3	841.5	40- 50	695.2	2201	30.1,30.1
60	970.9	769.0	511.7	766.4	978.6	778.7	510.8	729.9	50- 60	720.6	2921	40,40
70	875.1	641.1	325.3	637.9	874.6	644.0	321.3	583.1	60- 70	674.1	3595	49.2,49.2
80	598.1	479.8	142.9	481.7	508.7	422.5	130.2	418.1	70- 80	544.0	4139	56.7,56.7
90	50.63	49.16	10.00	47.65	3.406	41.61	10.85	40.01	80- 90	224.5	4364	59.7,59.7
100	362.7	258.3	95.25	241.9	303.0	293.9	114.6	304.4	90-100	144.3	4508	61.7,61.7
110	549.7	405.3	225.0	381.0	515.7	403.7	249.6	412.1	100-110	346.3	4854	66.4,66.4
120	611.2	499.4	361.6	477.3	573.3	507.7	384.3	514.8	110-120	435.8	5290	72.4,72.4
130	681.1	587.4	483.3	564.9	650.5	588.5	504.2	597.5	120-130	480.7	5771	79,79
140	728.2	655.2	587.1	630.8	700.8	650.0	605.0	665.3	130-140	477.3	6248	85.5,85.5
150	756.1	713.2	671.3	691.6	728.3	708.0	685.3	723.3	140-150	427.1	6675	91.4,91.4
160	779.7	756.0	734.6	742.4	756.9	753.3	744.3	765.8	150-160	338.5	7014	96,96
170	793.7	781.8	774.6	776.3	782.7	781.0	779.5	789.6	160-170	217.7	7231	99,99
180	397.4	397.4	397.4	397.4	397.4	397.4	397.4	397.4	170-180	75.09	7306	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:120.5V I:0.4680A P:56.00W PF:0.9900 Freq:60.00Hz Lamp Flux:7306.46x1 lm		
NAME: 14代 8FT	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	7867	1543
80	7176	1715
75	6418	1868
70	5331	1981
65	4579	2068
60	4045	2132
55	3651	2179
50	3338	2212
45	3083	2239

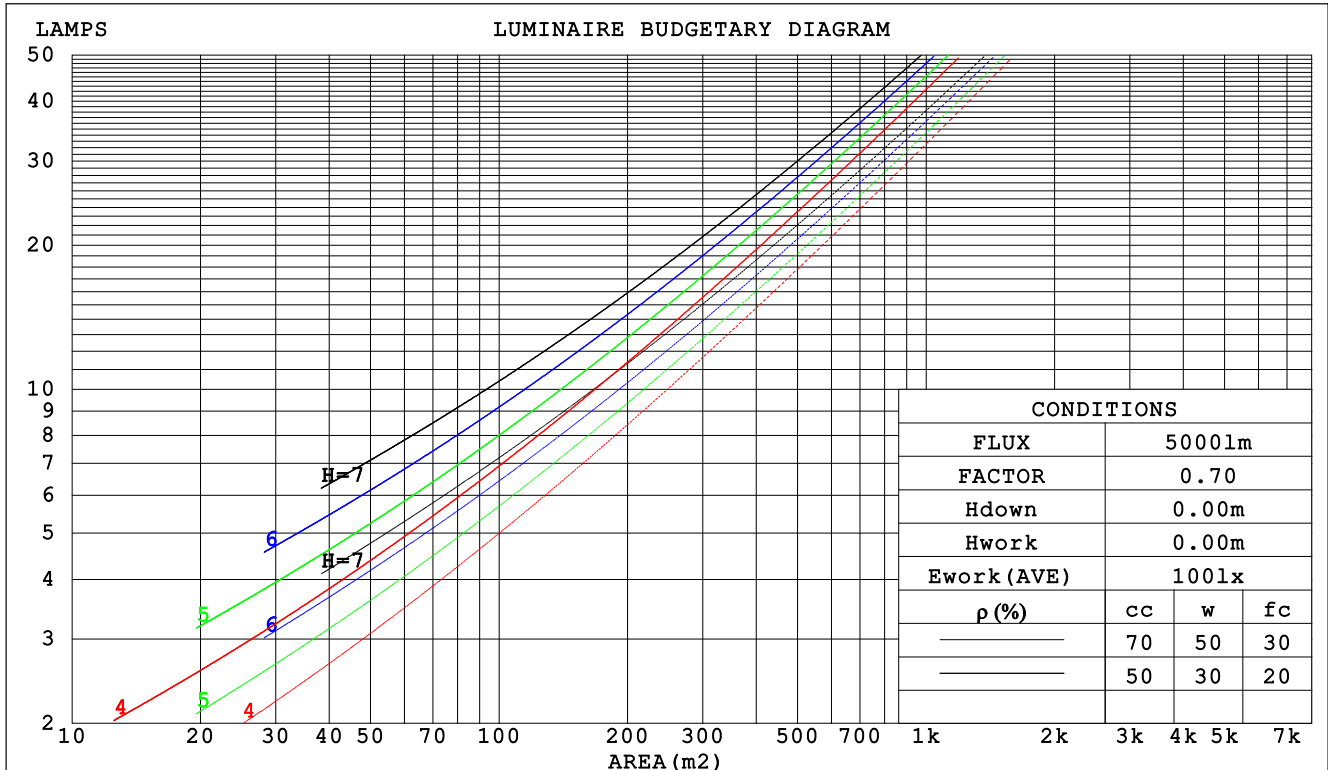
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:120.5V I:0.4680A P:56.00W PF:0.9900 Freq:60.00Hz Lamp Flux:7306.46x1 lm		
NAME: 14代 8FT	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*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	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
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	.88	.84	.87	.83	.79	.75	.72	.69	.65	.62	.60	.55	.53	.51	.47
2.0	.80	.73	.67	.75	.68	.63	.64	.60	.55	.55	.52	.48	.47	.44	.41	.37
3.0	.69	.61	.54	.65	.57	.51	.56	.50	.45	.48	.43	.40	.40	.37	.34	.30
4.0	.61	.52	.45	.57	.49	.43	.49	.43	.38	.42	.37	.33	.36	.32	.29	.25
5.0	.54	.45	.38	.50	.42	.36	.44	.37	.32	.37	.32	.28	.32	.28	.24	.21
6.0	.48	.39	.33	.45	.37	.31	.39	.33	.28	.34	.28	.24	.29	.24	.21	.18
7.0	.43	.35	.29	.40	.33	.27	.35	.29	.24	.30	.25	.21	.26	.22	.19	.16
8.0	.39	.31	.25	.37	.29	.24	.32	.26	.21	.28	.23	.19	.24	.20	.16	.14
9.0	.36	.28	.22	.33	.26	.21	.29	.23	.19	.25	.20	.17	.22	.18	.15	.13
10.0	.33	.25	.20	.31	.24	.19	.27	.21	.17	.23	.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:120.5V I:0.4680A P:56.00W PF:0.9900 Freq:60.00Hz Lamp Flux:7306.46x1 lm		
NAME: 14代 8FT	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*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	.332	.189	.060	.313	.178	.057	.276	.159	.051	.243	.140	.045	.213	.123	.040		
2.0	.300	.164	.050	.282	.156	.048	.249	.139	.043	.219	.123	.038	.191	.108	.034		
3.0	.272	.145	.043	.256	.137	.041	.226	.122	.037	.198	.108	.033	.172	.095	.029		
4.0	.248	.129	.038	.233	.122	.036	.205	.109	.033	.180	.097	.029	.156	.085	.026		
5.0	.227	.116	.033	.213	.110	.032	.188	.098	.029	.165	.087	.026	.143	.076	.023		
6.0	.209	.105	.030	.197	.099	.029	.173	.089	.026	.152	.079	.023	.131	.069	.021		
7.0	.194	.096	.027	.182	.091	.026	.161	.081	.023	.140	.072	.021	.122	.063	.019		
8.0	.180	.088	.025	.170	.083	.024	.150	.075	.021	.131	.066	.019	.113	.058	.017		
9.0	.168	.081	.023	.158	.077	.022	.140	.069	.020	.122	.061	.018	.106	.054	.016		
10.0	.158	.076	.021	.149	.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	.442	.420	.399	.380	.287	.275	.263	.165	.159	.153	.053	.051	.049	
2.0	.485	.443	.408	.415	.382	.353	.285	.264	.246	.164	.154	.144	.053	.050	.047	
3.0	.478	.427	.387	.410	.369	.336	.281	.256	.235	.162	.150	.139	.052	.049	.045	
4.0	.471	.415	.373	.404	.359	.324	.278	.250	.228	.161	.147	.135	.052	.048	.044	
5.0	.464	.406	.363	.399	.351	.316	.274	.245	.223	.159	.144	.132	.051	.047	.044	
6.0	.457	.399	.356	.393	.345	.310	.271	.242	.220	.157	.142	.131	.051	.046	.043	
7.0	.451	.392	.351	.388	.340	.306	.268	.238	.217	.156	.140	.129	.050	.046	.043	
8.0	.445	.387	.347	.383	.336	.303	.265	.236	.215	.154	.139	.128	.050	.046	.042	
9.0	.439	.382	.344	.378	.332	.300	.262	.233	.213	.153	.138	.127	.049	.045	.042	
10.0	.433	.379	.342	.374	.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:120.5V I:0.4680A P:56.00W PF:0.9900 Freq:60.00Hz Lamp Flux:7306.46x1 lm										
NAME: 14代 8FT					TYPE:3000K			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: EVERFINE					SUR.:2.4*0.2			Shielding Angle:		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	15.5	16.6	16.2	17.3	18.3	13.0	14.1	13.7	14.8	15.8
3H	18.3	19.3	19.1	20.1	21.1	14.5	15.5	15.3	16.3	17.3
4H	19.8	20.7	20.6	21.6	22.6	15.1	16.0	15.9	16.8	17.9
6H	21.2	22.0	22.0	22.9	23.9	15.5	16.4	16.3	17.2	18.3
8H	21.7	22.5	22.5	23.4	24.4	15.7	16.5	16.5	17.3	18.4
12H	22.1	22.9	22.9	23.7	24.8	15.7	16.5	16.6	17.4	18.4
4H 2H	16.0	16.9	16.8	17.7	18.8	14.2	15.2	15.0	16.0	17.0
3H	19.0	19.8	19.8	20.7	21.7	16.0	16.8	16.8	17.6	18.7
4H	20.7	21.4	21.5	22.3	23.4	16.8	17.5	17.6	18.4	19.4
6H	22.2	22.9	23.1	23.7	24.9	17.4	18.0	18.2	18.9	20.0
8H	22.8	23.4	23.7	24.3	25.5	17.5	18.1	18.4	19.0	20.2
12H	23.3	23.9	24.2	24.8	25.9	17.6	18.2	18.5	19.1	20.2
8H 4H	20.9	21.5	21.8	22.4	23.6	17.9	18.5	18.7	19.4	20.5
6H	22.7	23.2	23.6	24.1	25.3	18.8	19.3	19.7	20.2	21.4
8H	23.5	24.0	24.4	24.9	26.1	19.1	19.6	20.1	20.5	21.7
12H	24.2	24.5	25.1	25.5	26.7	19.3	19.7	20.3	20.7	21.9
12H 4H	20.9	21.5	21.8	22.4	23.5	18.1	18.7	19.0	19.6	20.7
6H	22.8	23.2	23.7	24.2	25.4	19.3	19.7	20.2	20.6	21.8
8H	23.7	24.0	24.6	25.0	26.2	19.7	20.1	20.7	21.1	22.3
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 / - 0.2				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 7306 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.9)

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:120.5V I:0.4680A P:56.00W PF:0.9900 Freq:60.00Hz Lamp Flux:7306.46x1 lm		
NAME: 14代 8FT	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

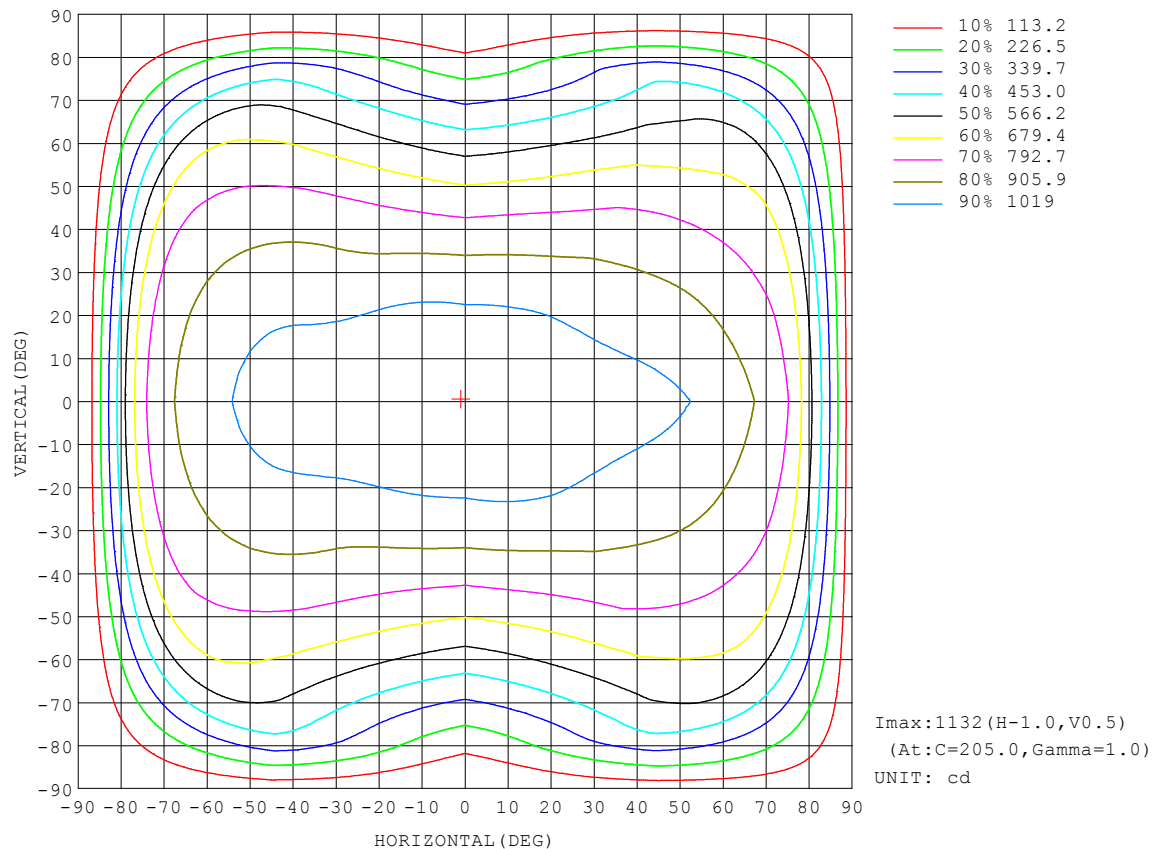
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	43	31	24	41	30	24	37	28	22	15
0.80	52	40	32	49	38	31	45	35	29	19
1.00	60	48	40	57	45	38	51	43	35	24
1.25	67	55	47	63	52	45	56	47	41	28
1.50	72	61	53	68	58	50	60	52	46	31
2.00	80	69	62	75	66	59	66	59	53	36
2.50	85	75	68	79	71	64	69	63	58	39
3.00	88	80	73	83	75	69	72	66	62	42
4.00	93	86	80	87	81	76	76	71	67	46
5.00	96	90	85	90	84	80	78	74	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:120.5V I:0.4680A P:56.00W PF:0.9900 Freq:60.00Hz Lamp Flux:7306.46x1 lm		
NAME: 14代 8FT	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

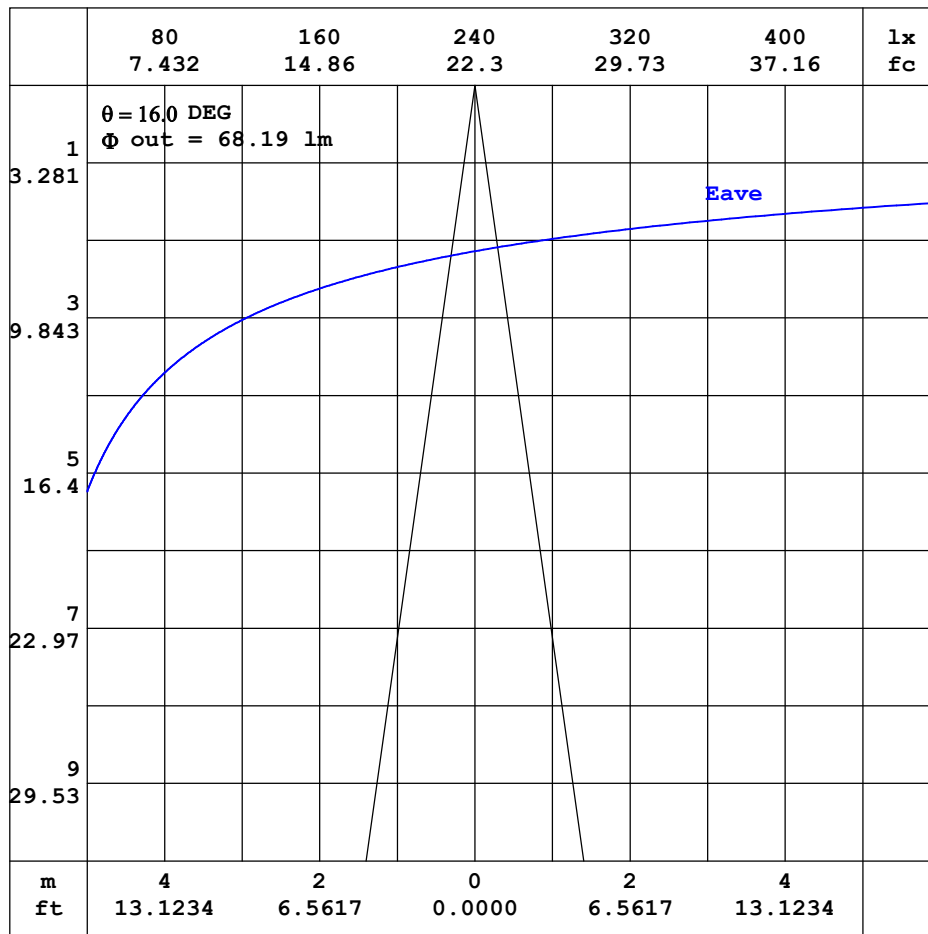


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:120.5V I:0.4680A P:56.00W PF:0.9900 Freq:60.00Hz Lamp Flux:7306.46x1 lm		
NAME: 14代 8FT	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:



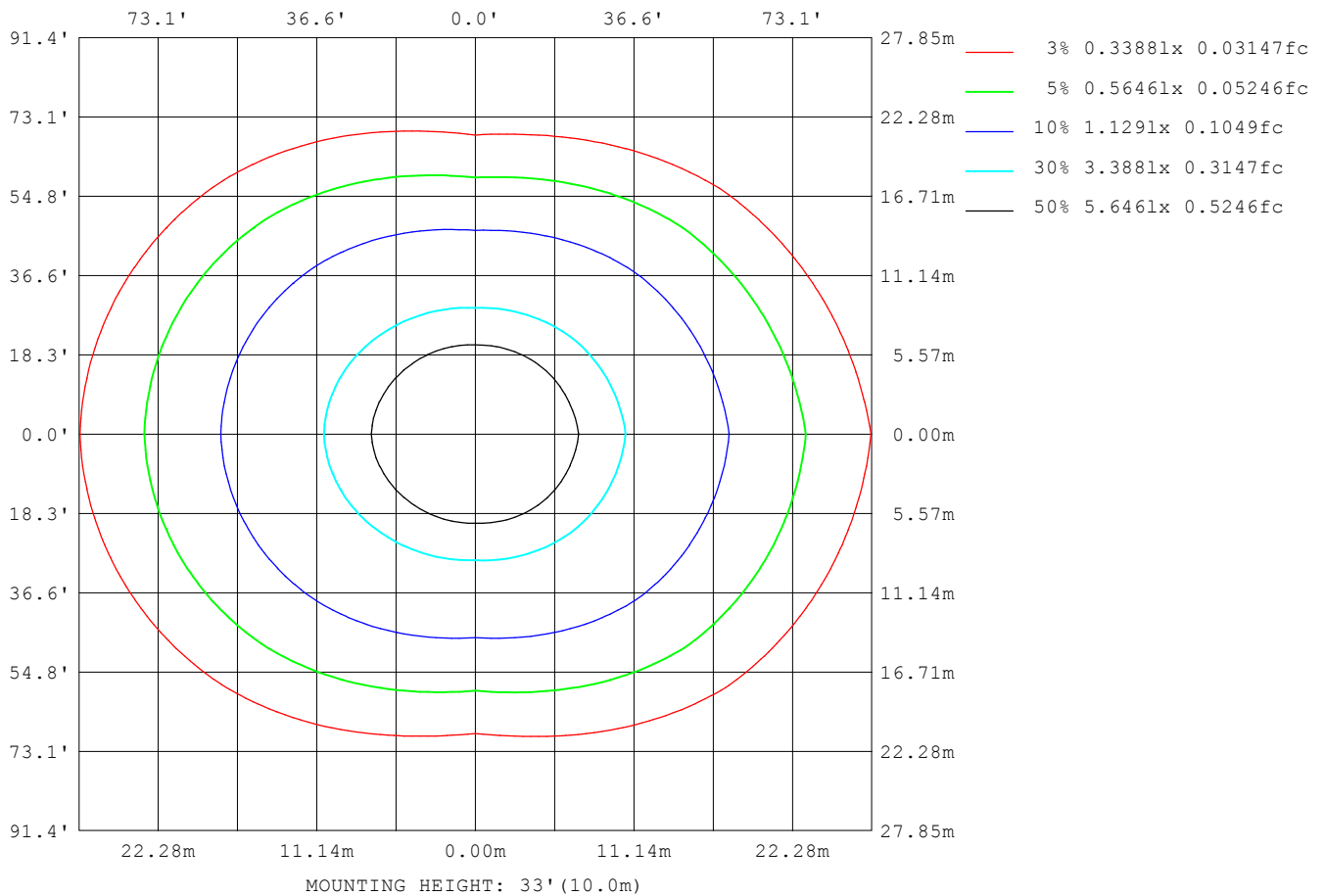
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.5V I:0.4680A P:56.00W PF:0.9900 Freq:60.00Hz Lamp Flux:7306.46x1 lm		
NAME: 14代 8FT	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*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:120.5V I:0.4680A P:56.00W PF:0.9900 Freq:60.00Hz Lamp Flux:7306.46x1 lm		
NAME: 14代 8FT	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

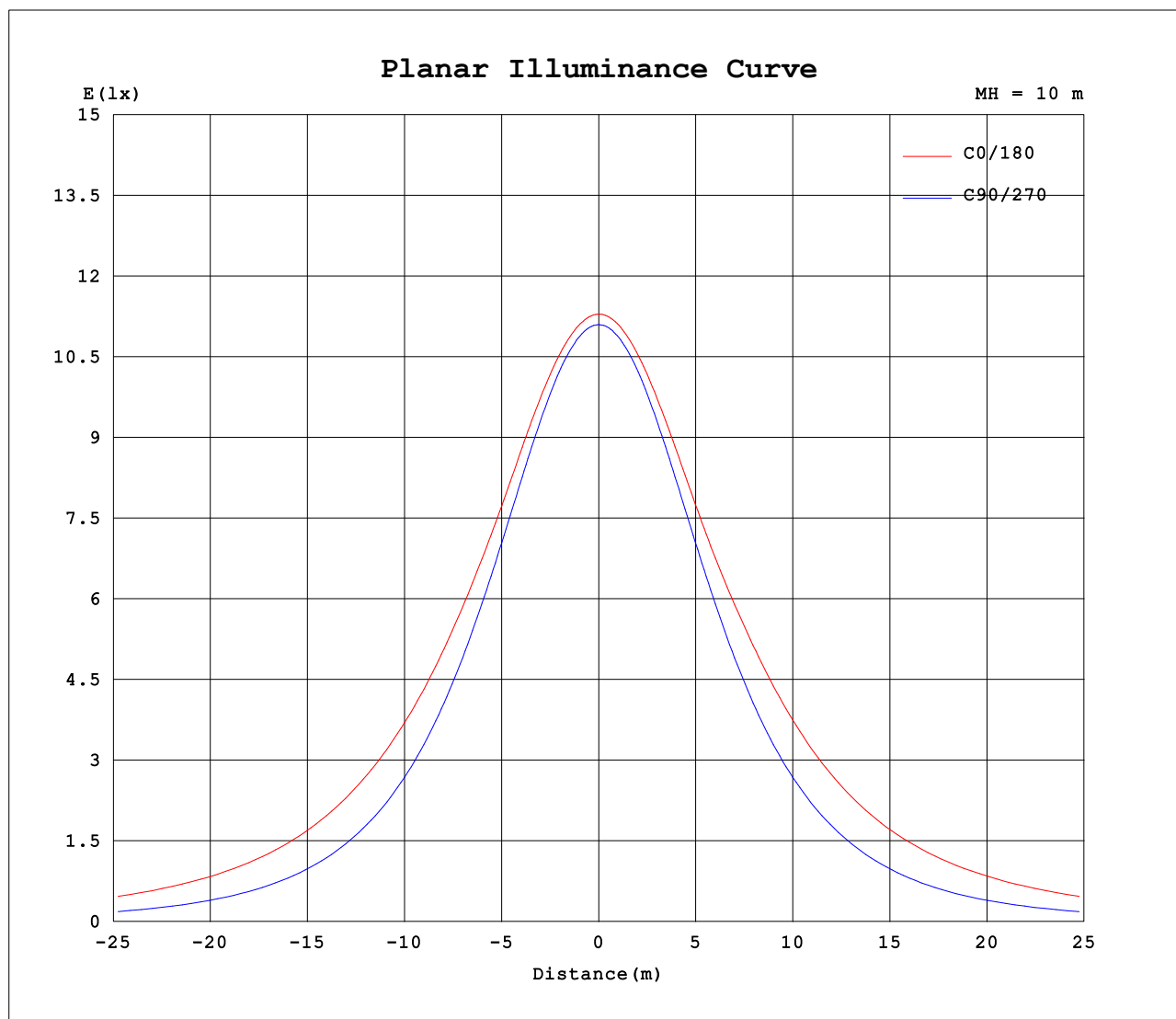
AvgL	cd/m2
L_0~180 (65) av	4593
L_0~180 (75) av	6280
L_0~180 (85) av	6467
L_90~270 (65) av	2063
L_90~270 (75) av	1829
L_90~270 (85) av	1410
L_45 (65) av	3436
L_45 (75) av	4424
L_45 (85) av	5881

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:120.5V I:0.4680A P:56.00W PF:0.9900 Freq:60.00Hz Lamp Flux:7306.46x1 lm		
NAME: 14代 8FT	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*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	1129	1130	1131	1132	1132	1132	1132	1132	1131	1130	1128	1126	1124	1121	1119	1116	1114	1112	1110
5	1127	1128	1128	1129	1129	1129	1129	1128	1127	1126	1124	1122	1119	1117	1114	1112	1109	1107	1105
10	1121	1121	1122	1121	1121	1121	1120	1119	1117	1116	1113	1110	1108	1105	1102	1099	1096	1094	1092
15	1112	1112	1111	1110	1109	1107	1106	1104	1102	1100	1096	1092	1089	1085	1081	1078	1074	1072	1069
20	1099	1098	1096	1094	1092	1089	1086	1084	1080	1077	1072	1067	1062	1057	1052	1048	1044	1041	1038
25	1084	1081	1078	1074	1070	1067	1063	1058	1054	1049	1042	1035	1029	1022	1016	1010	1005	1001	998
30	1073	1067	1061	1055	1048	1042	1036	1029	1022	1016	1006	997	988	980	972	965	958	953	950
35	1066	1056	1046	1036	1026	1017	1007	997	988	978	966	954	942	931	921	912	904	898	894
40	1057	1044	1031	1018	1005	992	979	966	954	941	925	909	893	879	866	854	844	836	830
45	1047	1031	1015	999	983	967	951	935	919	903	882	862	842	823	806	790	777	767	760
50	1030	1012	994	976	957	939	920	901	882	863	837	811	786	762	740	721	705	692	683
55	1005	986	966	947	926	906	884	863	841	819	787	756	726	697	671	647	627	611	600
60	971	951	931	910	888	866	842	819	794	769	733	697	661	628	597	569	545	525	512
65	929	908	886	863	840	815	790	764	737	709	668	628	588	551	516	484	457	435	420
70	875	853	830	806	781	755	728	700	671	641	597	553	510	469	430	396	366	342	325
75	797	777	756	733	709	683	656	628	599	568	522	475	430	386	345	308	276	250	232
80	598	596	591	583	573	559	544	525	504	480	437	392	348	304	262	224	191	163	143
85	329	333	334	334	331	326	319	309	298	284	257	229	200	172	145	119	97.1	78.5	64.5
90	50.6	52.3	53.6	54.3	54.6	54.5	53.8	52.7	51.2	49.2	44.6	39.7	34.6	29.6	24.7	20.2	16.1	12.7	10.0
95	210	201	192	183	174	164	155	146	136	127	114	101	89.4	77.9	67.4	58.1	50.2	44.0	39.7
100	363	354	345	334	324	312	300	287	273	258	236	214	192	171	151	133	118	105	95.2
105	477	468	458	448	436	422	408	393	377	360	333	306	279	253	228	206	186	170	158
110	550	535	521	506	490	474	457	440	423	405	380	355	331	307	286	266	249	235	225
115	581	568	554	540	526	511	496	481	465	450	428	406	385	365	346	329	315	303	294
120	611	600	589	577	565	552	540	527	513	499	480	461	443	425	408	393	380	369	362
125	648	638	627	617	606	594	583	571	559	546	530	513	496	481	466	453	441	432	425
130	681	671	661	651	641	630	620	609	598	587	573	558	544	531	518	507	497	489	483
135	708	699	689	680	670	660	651	642	632	623	611	599	587	576	566	557	550	543	538
140	728	720	712	703	695	687	679	671	663	655	645	636	627	618	610	603	596	591	587
145	743	736	730	724	717	711	705	698	692	686	678	671	664	657	650	644	639	635	631
150	756	751	746	742	737	732	727	723	718	713	707	702	696	691	686	681	677	674	671
155	769	765	761	758	754	751	747	744	740	737	732	728	724	720	717	713	711	708	706
160	780	777	774	772	769	766	764	761	758	756	753	750	747	745	742	740	738	736	735
165	788	786	784	782	780	778	776	775	773	771	769	767	766	764	762	761	760	758	758
170	794	792	791	789	788	787	785	784	783	782	781	780	779	778	777	776	776	775	775
175	797	796	794	793	792	791	791	790	789	788	788	787	787	786	786	786	786	785	785
180	397	397	397	397	397	397	397	397	397	397	397	397	397	397	397	397	397	397	397

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:120.5V I:0.4680A P:56.00W PF:0.9900 Freq:60.00Hz Lamp Flux:7306.46x1 lm		
NAME: 14代 8FT	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*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	1109	1108	1107	1107	1107	1107	1107	1108	1109	1111	1113	1115	1118	1120	1122	1125	1127	1129	1130
5	1104	1103	1103	1103	1103	1103	1104	1105	1106	1108	1110	1113	1115	1118	1121	1123	1126	1128	1129
10	1091	1090	1090	1091	1091	1092	1093	1095	1096	1099	1102	1105	1108	1111	1114	1117	1119	1122	1122
15	1069	1069	1069	1070	1072	1073	1075	1078	1081	1084	1088	1092	1096	1100	1103	1107	1110	1112	1113
20	1038	1039	1040	1042	1045	1048	1052	1055	1060	1065	1070	1075	1080	1085	1090	1094	1097	1100	1100
25	999	1001	1003	1007	1011	1016	1021	1027	1033	1040	1047	1054	1061	1068	1074	1079	1083	1086	1085
30	951	955	959	964	971	978	985	994	1002	1012	1022	1032	1042	1050	1058	1065	1071	1075	1072
35	897	901	907	915	924	934	944	956	968	983	997	1011	1025	1038	1049	1059	1067	1073	1068
40	834	841	849	860	872	885	900	915	932	951	970	989	1007	1024	1039	1052	1063	1071	1064
45	766	775	787	802	818	837	856	877	898	921	944	966	987	1007	1024	1040	1052	1060	1053
50	691	704	721	740	761	785	810	836	863	889	915	939	963	984	1003	1019	1032	1041	1034
55	611	627	647	671	697	726	756	787	819	848	877	904	930	953	974	991	1005	1014	1007
60	525	544	567	595	625	659	694	730	766	799	830	860	888	913	935	954	969	979	970
65	434	455	482	512	547	584	623	663	704	739	774	806	836	864	888	908	924	934	926
70	342	365	394	429	466	507	550	594	638	675	711	745	776	804	828	849	864	875	865
75	251	277	310	347	388	432	477	523	568	602	633	662	688	711	730	745	756	763	755
80	165	195	230	269	311	355	399	441	482	496	508	516	520	522	522	519	515	509	506
85	80.4	101	124	150	178	206	233	259	282	282	279	274	266	257	246	235	223	212	211
90	13.3	17.3	21.9	26.7	31.6	36.4	40.8	44.6	47.6	43.8	39.1	33.9	28.3	22.7	17.1	11.9	7.26	3.41	6.35
95	45.4	52.9	61.9	72.0	83.0	94.4	106	117	128	132	135	138	140	141	143	144	145	146	153
100	103	115	129	146	164	183	203	223	242	253	262	271	279	285	291	296	300	303	307
105	168	182	200	220	242	266	290	315	339	354	367	379	390	400	407	414	418	421	422
110	232	243	257	274	293	314	336	358	381	401	421	439	457	473	487	499	509	516	512
115	300	309	320	334	350	367	386	405	425	442	460	477	493	508	521	532	542	549	546
120	367	375	385	398	412	427	444	460	477	492	505	518	531	542	552	561	568	573	572
125	429	436	445	455	467	481	495	509	524	537	550	562	574	584	594	602	609	614	613
130	487	492	499	507	517	528	540	552	565	577	589	600	611	622	631	639	645	650	649
135	540	544	549	555	563	571	580	590	600	611	622	632	642	652	661	668	675	680	677
140	588	590	593	598	603	609	616	623	631	640	649	658	667	676	684	690	696	701	699
145	632	633	635	638	641	646	650	656	661	668	675	683	689	696	702	708	712	716	715
150	671	672	673	675	678	681	684	688	692	696	701	706	710	715	719	722	726	728	728
155	706	706	707	709	710	712	714	717	719	722	725	728	730	733	736	738	740	742	742
160	734	735	735	736	737	738	739	741	742	744	746	748	749	751	753	754	756	757	757
165	757	757	757	758	758	759	759	760	761	762	763	764	766	767	768	769	770	771	771
170	774	774	774	774	775	775	775	776	776	777	778	779	779	780	781	781	782	783	783
175	785	785	786	786	786	786	786	787	787	788	788	789	789	790	790	791	791	792	791
180	397	397	397	397	397	397	397	397	397	397	397	397	397	397	397	397	397	397	397

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:120.5V I:0.4680A P:56.00W PF:0.9900 Freq:60.00Hz Lamp Flux:7306.46x1 lm																			
NAME: 14代 8FT										TYPE:3000K					WEIGHT:				
SPEC.:										DIM.:					SERIAL No.:				
MFR.: EVERFINE										SUR.:2.4*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	1131	1132	1132	1132	1132	1132	1131	1130	1128	1126	1124	1121	1119	1116	1114	1112	1110	1109	1108
5	1130	1130	1130	1130	1130	1129	1129	1127	1125	1123	1120	1118	1115	1112	1110	1107	1105	1104	1103
10	1123	1123	1123	1122	1122	1121	1119	1117	1115	1112	1109	1106	1103	1100	1097	1094	1092	1091	1091
15	1112	1112	1111	1110	1108	1106	1103	1101	1097	1093	1089	1085	1082	1078	1075	1072	1069	1069	1069
20	1099	1097	1095	1092	1089	1085	1081	1077	1072	1067	1062	1057	1052	1048	1044	1040	1038	1038	1039
25	1083	1079	1075	1070	1065	1059	1053	1046	1039	1033	1026	1020	1014	1009	1004	1000	998	999	1001
30	1068	1062	1055	1047	1039	1030	1020	1011	1002	993	984	976	969	962	957	952	949	951	954
35	1061	1051	1040	1028	1015	1001	987	973	960	949	937	927	917	909	902	896	893	895	900
40	1054	1042	1027	1011	993	975	956	937	921	905	889	875	862	851	842	834	829	833	840
45	1043	1029	1013	994	974	953	931	908	887	865	845	826	808	792	779	768	760	765	773
50	1023	1008	991	971	949	925	900	875	848	821	795	770	747	726	708	693	682	689	699
55	995	979	960	938	914	888	860	831	799	767	736	706	678	653	631	613	599	607	619
60	958	941	920	896	870	841	811	779	742	706	670	635	603	573	548	527	511	520	534
65	912	894	872	846	817	786	752	717	677	636	596	557	521	488	459	435	417	427	442
70	850	831	807	780	750	716	681	644	600	556	513	472	433	397	366	341	321	332	348
75	742	725	704	679	652	622	589	555	511	466	421	379	338	301	269	243	222	235	254
80	503	497	490	481	470	456	441	422	386	348	309	271	235	202	173	148	130	146	168
85	211	211	211	211	210	208	205	201	183	164	145	126	107	90.2	75.1	62.7	53.5	62.9	75.6
90	10.1	14.5	19.2	24.1	29.1	33.8	38.0	41.6	39.2	36.2	32.7	28.8	24.8	20.8	17.0	13.7	10.9	12.6	14.9
95	160	166	172	177	181	184	185	185	171	155	139	122	105	89.9	75.9	64.0	54.8	64.0	75.9
100	311	313	314	313	311	307	302	294	273	250	226	203	181	160	142	126	115	127	142
105	420	417	412	406	398	388	377	364	341	317	292	269	246	225	207	192	181	191	206
110	505	496	484	471	456	439	422	404	382	360	339	319	300	283	269	258	250	258	270
115	541	534	525	514	502	488	473	458	439	419	400	382	365	350	337	326	319	327	338
120	569	564	558	550	541	531	520	508	491	474	458	441	426	413	401	391	384	392	402
125	610	605	599	591	582	573	562	551	537	522	508	494	482	470	460	452	447	453	461
130	645	640	634	626	618	609	599	588	577	565	553	542	532	522	515	508	504	509	516
135	674	669	662	655	647	639	630	620	611	602	593	584	577	570	564	560	557	561	567
140	695	691	686	679	673	665	658	650	643	636	629	623	618	613	609	607	605	608	613
145	712	709	705	701	696	690	685	679	674	669	665	660	656	653	651	649	648	651	654
150	727	725	723	721	718	715	711	708	704	701	698	694	692	689	687	686	685	688	691
155	741	741	740	739	738	736	735	733	731	728	726	724	722	720	719	718	718	720	722
160	757	757	757	756	756	755	754	753	752	751	749	748	747	746	745	744	744	746	748
165	771	771	771	771	770	770	770	769	769	768	767	766	766	765	765	765	765	766	768
170	783	783	782	782	782	782	781	781	781	780	780	780	779	779	779	779	780	780	781
175	791	791	790	790	789	789	788	788	787	787	787	787	787	787	787	787	788	788	789
180	397	397	397	397	397	397	397	397	397	397	397	397	397	397	397	397	397	397	397

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:120.5V I:0.4680A P:56.00W PF:0.9900 Freq:60.00Hz Lamp Flux:7306.46x1 lm																	
NAME: 14代 8FT									TYPE:3000K						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: EVERFINE									SUR.:2.4*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	1107	1107	1107	1107	1107	1108	1109	1110	1111	1113	1115	1117	1120	1123	1126				
5	1103	1103	1103	1103	1104	1104	1106	1107	1108	1110	1112	1115	1117	1120	1123				
10	1091	1091	1091	1092	1094	1095	1097	1098	1100	1103	1105	1108	1111	1114	1117				
15	1070	1071	1072	1074	1077	1079	1082	1084	1087	1090	1093	1096	1100	1104	1108				
20	1041	1043	1046	1049	1053	1057	1061	1065	1068	1072	1076	1080	1085	1090	1094				
25	1004	1007	1012	1017	1022	1028	1034	1039	1044	1049	1054	1060	1066	1072	1078				
30	958	964	970	977	984	992	1001	1008	1015	1023	1030	1038	1046	1055	1064				
35	906	913	922	932	942	953	965	975	985	995	1006	1017	1029	1041	1053				
40	848	858	870	883	898	913	928	941	954	968	982	996	1011	1026	1041				
45	784	797	813	830	848	868	888	904	921	938	955	972	990	1009	1027				
50	712	729	748	769	792	816	842	861	881	901	922	943	964	986	1008				
55	636	656	679	704	732	761	790	813	836	859	883	907	931	955	980				
60	553	576	602	631	663	696	730	756	782	808	834	861	888	915	943				
65	463	488	517	549	584	621	658	687	716	745	775	805	835	866	897				
70	371	398	430	465	503	542	583	614	645	677	709	742	774	808	841				
75	279	309	343	381	422	464	507	539	571	603	635	667	700	732	765				
80	196	227	263	300	339	379	418	443	467	490	511	531	550	567	583				
85	91.2	109	129	150	172	194	217	232	246	260	273	285	297	308	319				
90	17.8	21.1	24.7	28.5	32.4	36.2	40.0	42.1	44.0	45.6	47.0	48.2	49.1	49.9	50.4				
95	90.1	106	123	141	159	176	192	200	207	212	215	217	218	217	214				
100	162	183	207	231	256	281	304	317	329	338	347	353	358	361	363				
105	225	246	269	294	319	345	370	386	401	415	428	440	451	461	469				
110	285	303	323	344	366	389	412	429	445	461	476	492	507	521	536				
115	351	367	385	404	424	444	465	479	493	507	520	533	546	558	570				
120	414	428	444	461	479	497	515	527	539	551	562	573	583	593	602				
125	472	484	498	512	528	543	559	570	581	592	602	612	621	631	640				
130	525	535	546	558	571	584	598	607	617	626	636	645	654	663	672				
135	573	581	590	600	610	621	632	640	649	657	666	674	683	691	700				
140	618	625	632	640	648	657	665	672	679	686	693	700	707	714	721				
145	659	664	670	676	682	689	696	701	706	712	717	722	727	732	737				
150	694	699	703	708	713	718	723	727	731	735	739	742	746	749	753				
155	725	728	732	735	739	743	747	750	752	755	757	760	762	764	767				
160	750	752	755	758	760	763	766	768	770	771	773	774	776	777	779				
165	769	771	773	775	776	778	780	781	783	784	785	785	786	787	788				
170	782	784	785	786	787	788	790	790	791	792	792	793	793	793	794				
175	790	790	791	792	792	793	794	794	795	795	796	796	796	796	797				
180	397	397	397	397	397	397	397	397	397	397	397	397	397	397	397				

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: