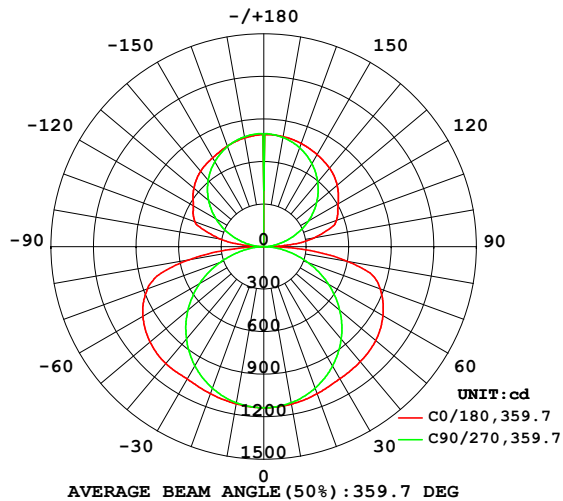


LUMINAIRE PHOTOMETRIC TEST REPORT

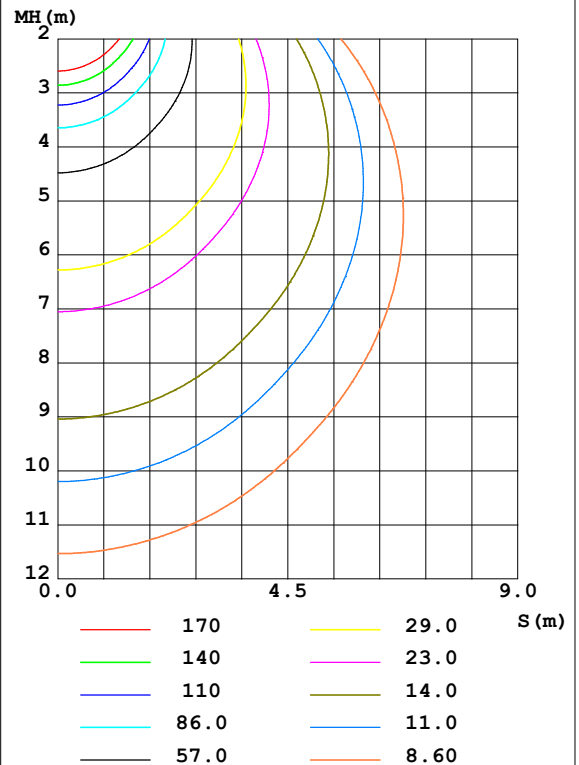
Test:U:120.5V I:0.4640A P:55.60W PF:0.9900 Freq:60.00Hz Lamp Flux:7399.01x1 lm		
NAME: 14代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 133.08 lm/W			
MODEL		I _{max} (cd)	1137	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)	7399.0	η UP,DN(C0-180)	19.6,30.3
NOMINAL FLUX(lm)	7399.01	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	20.3,29.8
LAMPS INSIDE	1	η up(%)	39.9	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120.0	η down(%)	60.1	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:

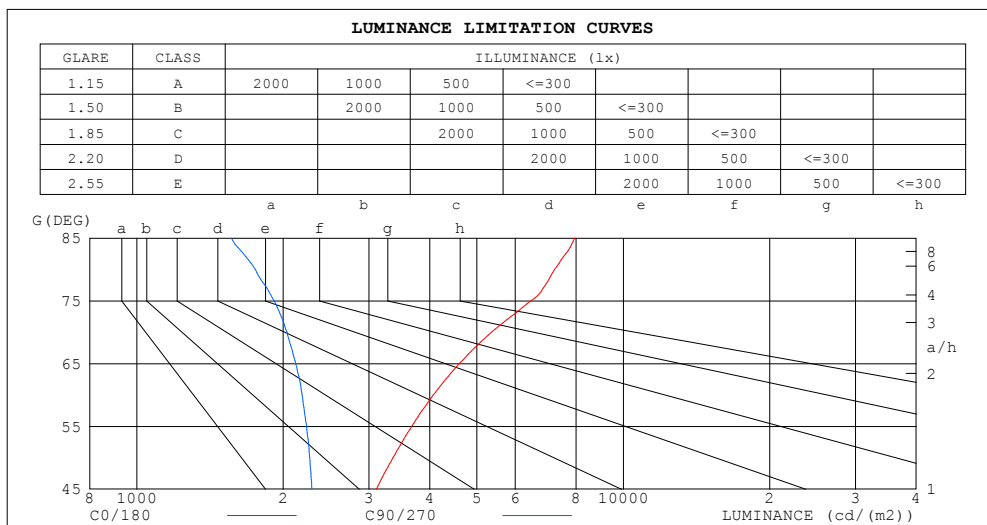
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1127	1122	1118	1128	1126	1125	1118	1117	0- 10	107.8	107.8	1.46,1.46
20	1104	1083	1062	1093	1104	1089	1062	1073	10- 20	312.5	420.3	5.68,5.68
30	1076	1024	971.2	1035	1079	1032	971.5	1007	20- 30	487.2	907.5	12.3,12.3
40	1059	950.4	849.9	961.5	1076	963.5	848.6	933.4	30- 40	620.2	1528	20.6,20.6
50	1031	868.0	700.7	893.3	1047	896.6	698.6	855.0	40- 50	706.5	2234	30.2,30.2
60	970.5	769.2	525.9	800.0	984.6	797.2	523.7	760.1	50- 60	733.9	2968	40.1,40.1
70	874.3	646.2	334.7	660.0	872.9	663.3	330.3	628.9	60- 70	689.6	3658	49.4,49.4
80	598.9	484.7	146.3	477.9	535.9	457.4	136.0	434.5	70- 80	558.7	4216	57,57
90	51.95	48.41	7.802	48.13	3.470	43.00	9.664	37.17	80- 90	232.3	4449	60.1,60.1
100	360.8	260.3	95.83	246.4	308.2	300.1	116.7	302.1	90-100	145.1	4594	62.1,62.1
110	545.8	407.7	228.4	383.7	517.2	410.2	252.2	408.6	100-110	348.2	4942	66.8,66.8
120	606.6	501.5	365.2	475.3	574.0	508.3	388.0	512.5	110-120	437.1	5379	72.7,72.7
130	675.8	590.2	487.3	562.9	643.3	590.0	509.2	595.9	120-130	480.6	5860	79.2,79.2
140	722.9	657.9	593.0	630.8	694.4	652.9	611.0	664.1	130-140	477.5	6337	85.7,85.7
150	751.1	716.7	678.5	693.6	723.9	712.8	692.1	723.0	140-150	427.9	6765	91.4,91.4
160	774.8	762.0	742.2	746.6	754.9	759.9	752.0	765.7	150-160	339.6	7105	96,96
170	788.4	789.6	782.7	780.9	779.1	789.2	787.6	790.5	160-170	218.7	7324	99,99
180	394.8	398.7	398.1	397.3	394.8	398.7	398.1	397.3	170-180	75.48	7399	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:0.4640A P:55.60W PF:0.9900 Freq:60.00Hz Lamp Flux:7399.01x1 lm		
NAME: 14代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	7947	1564
80	7230	1751
75	6458	1915
70	5359	2035
65	4603	2122
60	4069	2187
55	3675	2232
50	3362	2267
45	3107	2290

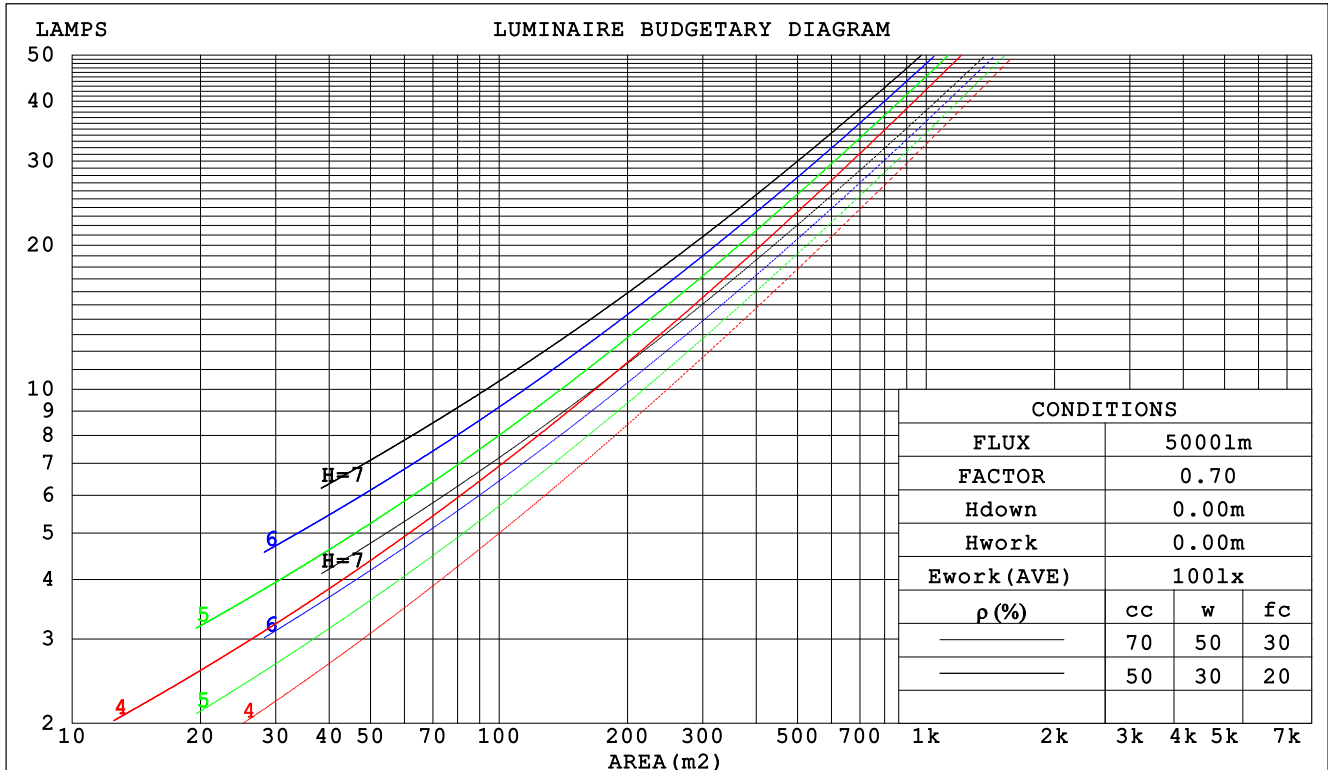
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.4640A P:55.60W PF:0.9900 Freq:60.00Hz Lamp Flux:7399.01x1 lm		
NAME: 14代 8FT	TYPE:4000K	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	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.10	1.10	1.10	1.02	1.02	1.02	.89	.89	.89	.77	.77	.77	.65	.65	.65	.60
1.0	.93	.88	.84	.87	.83	.79	.75	.72	.69	.65	.62	.60	.55	.53	.52	.47
2.0	.80	.73	.67	.75	.68	.63	.65	.60	.55	.55	.52	.48	.47	.44	.42	.37
3.0	.69	.61	.54	.65	.57	.51	.56	.50	.45	.48	.43	.40	.41	.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	.38	.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	.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:120.5V I:0.4640A P:55.60W PF:0.9900 Freq:60.00Hz Lamp Flux:7399.01x1 lm					
NAME: 14代 8FT			TYPE:4000K		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	.333	.189	.060	.314	.179	.057	.278	.160	.051	.245	.141	.045	.215	.124	.040		
2.0	.301	.165	.051	.283	.156	.048	.251	.139	.043	.221	.124	.039	.193	.109	.034		
3.0	.273	.145	.043	.257	.137	.041	.227	.123	.037	.199	.109	.033	.173	.096	.030		
4.0	.248	.129	.038	.234	.122	.036	.206	.109	.033	.181	.097	.029	.157	.085	.026		
5.0	.227	.116	.034	.214	.110	.032	.189	.098	.029	.166	.087	.026	.144	.077	.023		
6.0	.209	.105	.030	.197	.100	.029	.174	.089	.026	.152	.079	.023	.132	.070	.021		
7.0	.194	.096	.027	.183	.091	.026	.161	.082	.023	.141	.072	.021	.122	.064	.019		
8.0	.180	.088	.025	.170	.084	.024	.150	.075	.021	.131	.067	.019	.114	.058	.017		
9.0	.168	.081	.023	.159	.077	.022	.140	.069	.020	.123	.062	.018	.107	.054	.016		
10.0	.158	.076	.021	.149	.072	.020	.132	.065	.018	.115	.057	.016	.100	.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	.494	.494	.494	.422	.422	.422	.288	.288	.288	.166	.166	.166	.053	.053	.053	
1.0	.488	.462	.439	.418	.397	.378	.286	.273	.261	.164	.158	.152	.053	.051	.049	
2.0	.482	.440	.405	.413	.379	.350	.283	.262	.244	.163	.153	.143	.052	.049	.047	
3.0	.475	.424	.384	.407	.366	.333	.280	.254	.233	.161	.149	.138	.052	.048	.045	
4.0	.468	.412	.370	.402	.356	.321	.276	.248	.226	.160	.145	.134	.051	.047	.044	
5.0	.461	.403	.360	.396	.349	.313	.273	.244	.221	.158	.143	.131	.051	.047	.043	
6.0	.454	.395	.353	.390	.342	.308	.269	.240	.218	.156	.141	.129	.050	.046	.043	
7.0	.448	.389	.348	.385	.337	.303	.266	.236	.215	.155	.139	.128	.050	.046	.042	
8.0	.442	.384	.344	.380	.333	.300	.263	.234	.213	.153	.138	.127	.050	.045	.042	
9.0	.436	.379	.341	.375	.329	.298	.260	.231	.211	.152	.137	.126	.049	.045	.042	
10.0	.430	.375	.339	.371	.326	.296	.257	.229	.210	.150	.136	.125	.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:0.4640A P:55.60W PF:0.9900 Freq:60.00Hz Lamp Flux:7399.01x1 lm										
NAME: 14代 8FT					TYPE:4000K			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	13.8	14.9	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	15.2	16.1	16.0	16.9	17.9
6H	21.2	22.0	22.0	22.9	23.9	15.6	16.5	16.4	17.3	18.3
8H	21.7	22.5	22.5	23.4	24.4	15.7	16.6	16.6	17.4	18.5
12H	22.1	22.9	22.9	23.7	24.8	15.8	16.6	16.6	17.4	18.5
4H 2H	16.0	16.9	16.8	17.7	18.7	14.2	15.2	15.0	16.0	17.0
3H	19.0	19.8	19.8	20.6	21.7	16.0	16.8	16.8	17.7	18.7
4H	20.7	21.4	21.5	22.3	23.3	16.8	17.5	17.7	18.4	19.5
6H	22.2	22.9	23.1	23.7	24.9	17.4	18.0	18.3	18.9	20.0
8H	22.8	23.4	23.7	24.3	25.5	17.6	18.2	18.5	19.1	20.2
12H	23.3	23.9	24.2	24.8	25.9	17.7	18.2	18.6	19.1	20.3
8H 4H	20.9	21.5	21.8	22.4	23.5	17.9	18.5	18.8	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	19.2	19.6	20.1	20.5	21.7
12H	24.2	24.6	25.1	25.5	26.7	19.4	19.8	20.3	20.7	21.9
12H 4H	20.9	21.5	21.8	22.4	23.5	18.2	18.7	19.1	19.6	20.8
6H	22.8	23.2	23.7	24.2	25.3	19.3	19.7	20.2	20.7	21.9
8H	23.7	24.0	24.6	25.0	26.2	19.8	20.2	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 7399 lm Total Lamp Luminous Flux.(8log(F/F0) = 7.0)

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:120.5V I:0.4640A P:55.60W PF:0.9900 Freq:60.00Hz Lamp Flux:7399.01x1 lm		
NAME: 14代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

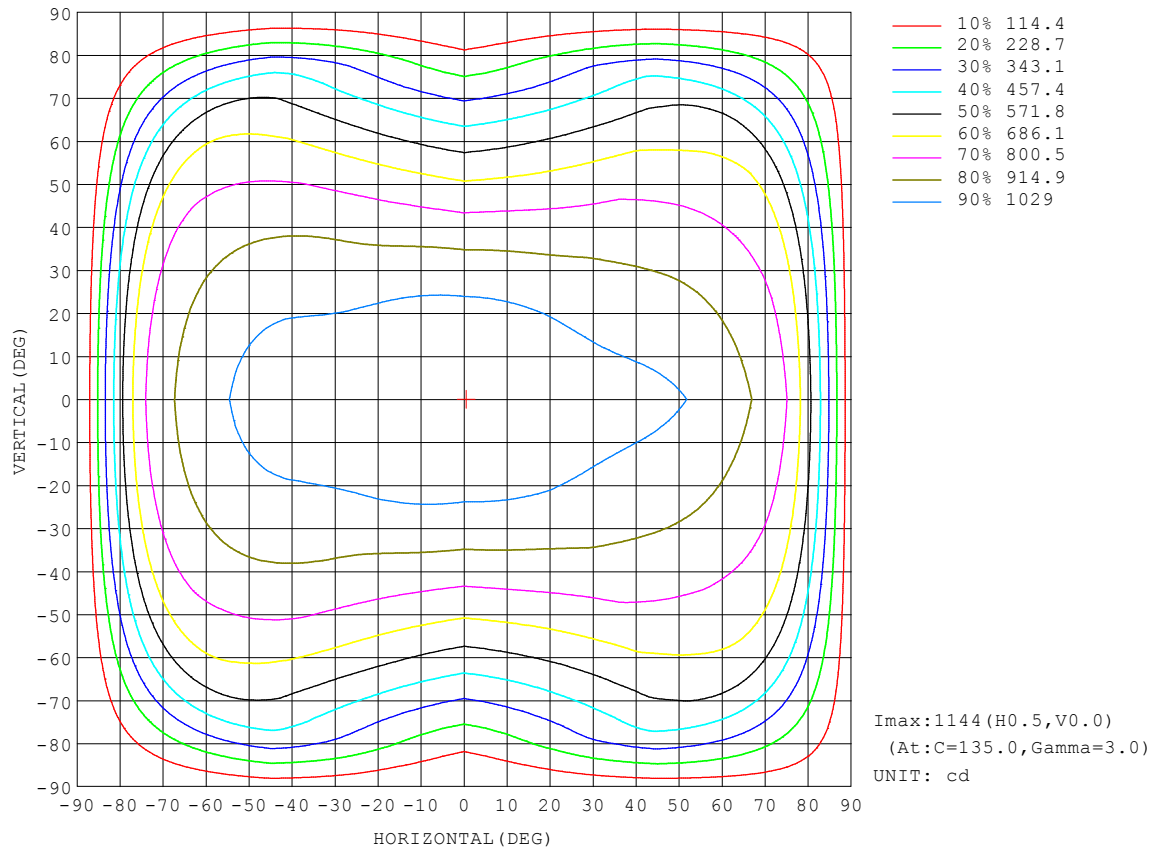
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	43	31	24	41	30	24	37	28	22	15
0.80	52	40	32	50	38	31	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	67	62	42
4.00	93	86	80	87	81	76	76	71	67	46
5.00	96	90	85	90	85	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:0.4640A P:55.60W PF:0.9900 Freq:60.00Hz Lamp Flux:7399.01x1 lm		
NAME: 14代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

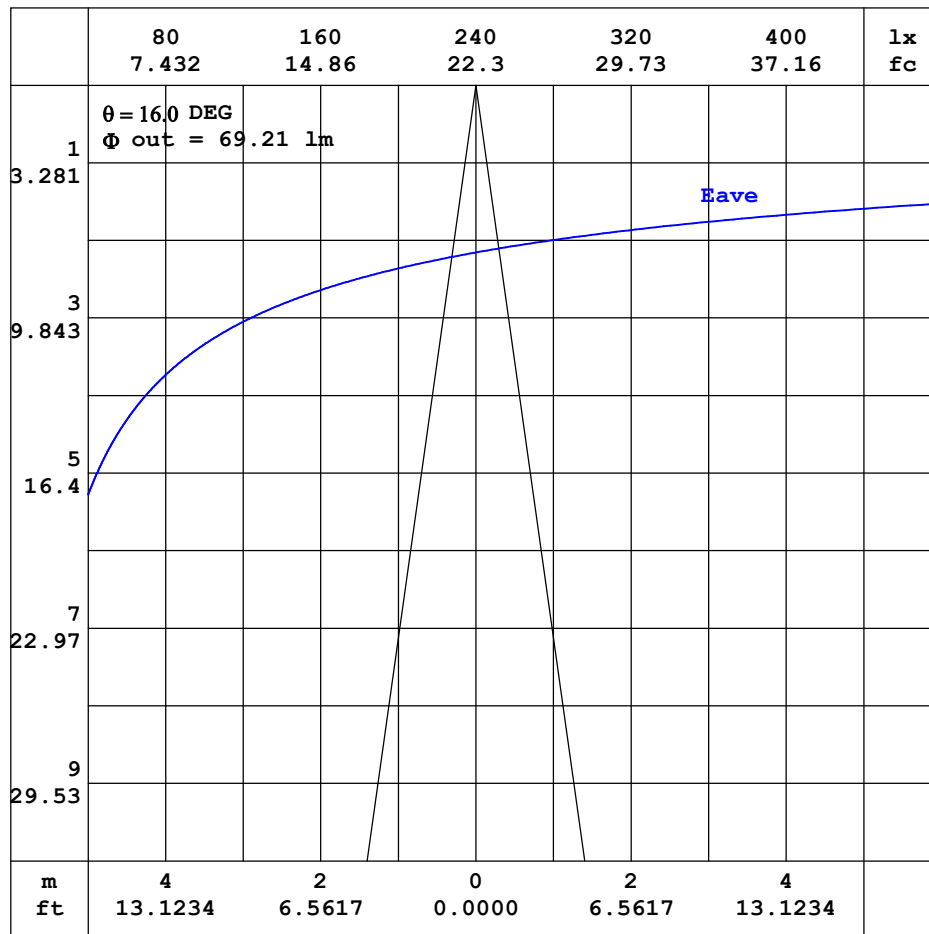


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.4640A P:55.60W PF:0.9900 Freq:60.00Hz Lamp Flux:7399.01x1 lm		
NAME: 14代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:



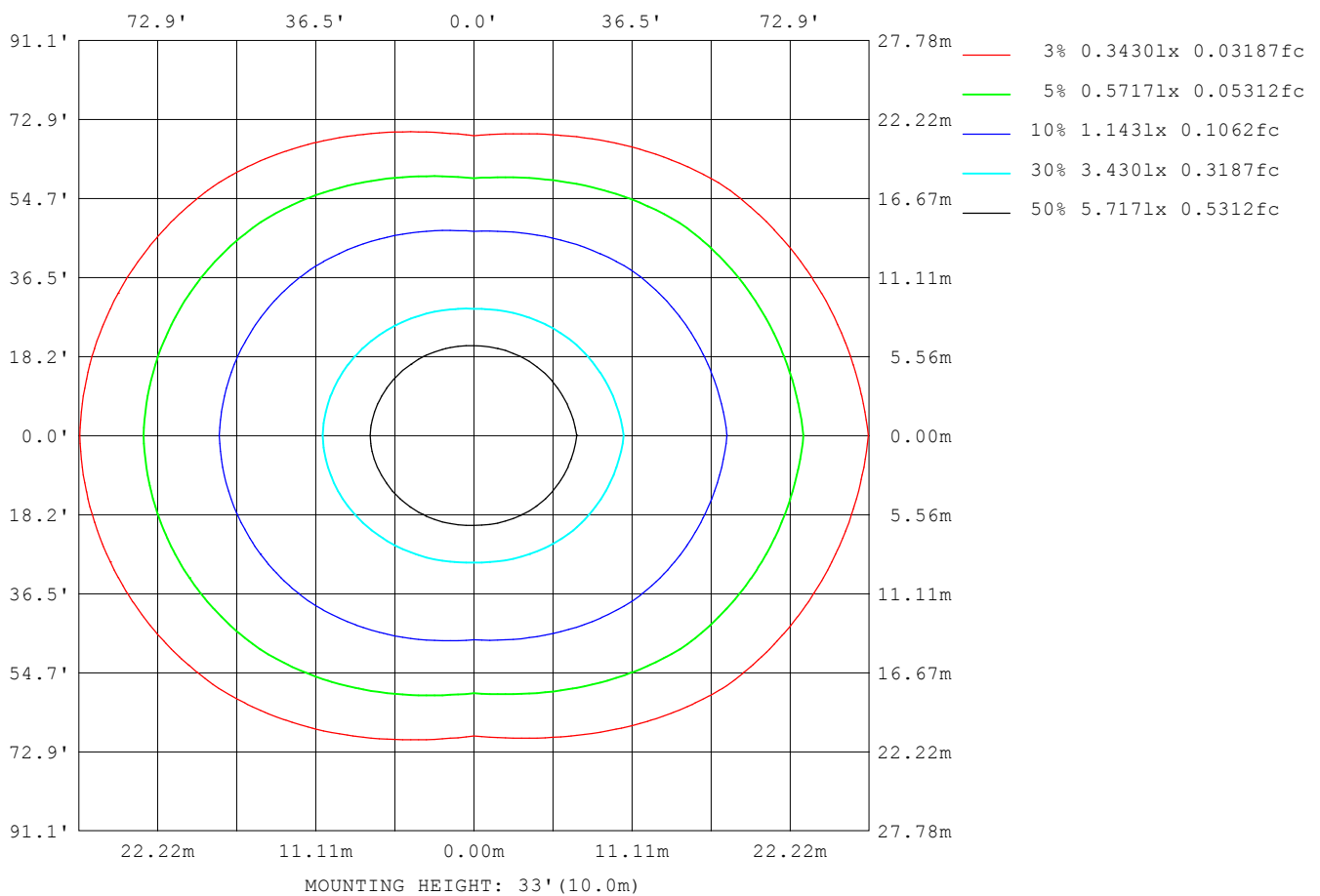
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.4640A P:55.60W PF:0.9900 Freq:60.00Hz Lamp Flux:7399.01x1 lm		
NAME: 14代 8FT	TYPE:4000K	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:0.4640A P:55.60W PF:0.9900 Freq:60.00Hz Lamp Flux:7399.01x1 lm		
NAME: 14代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

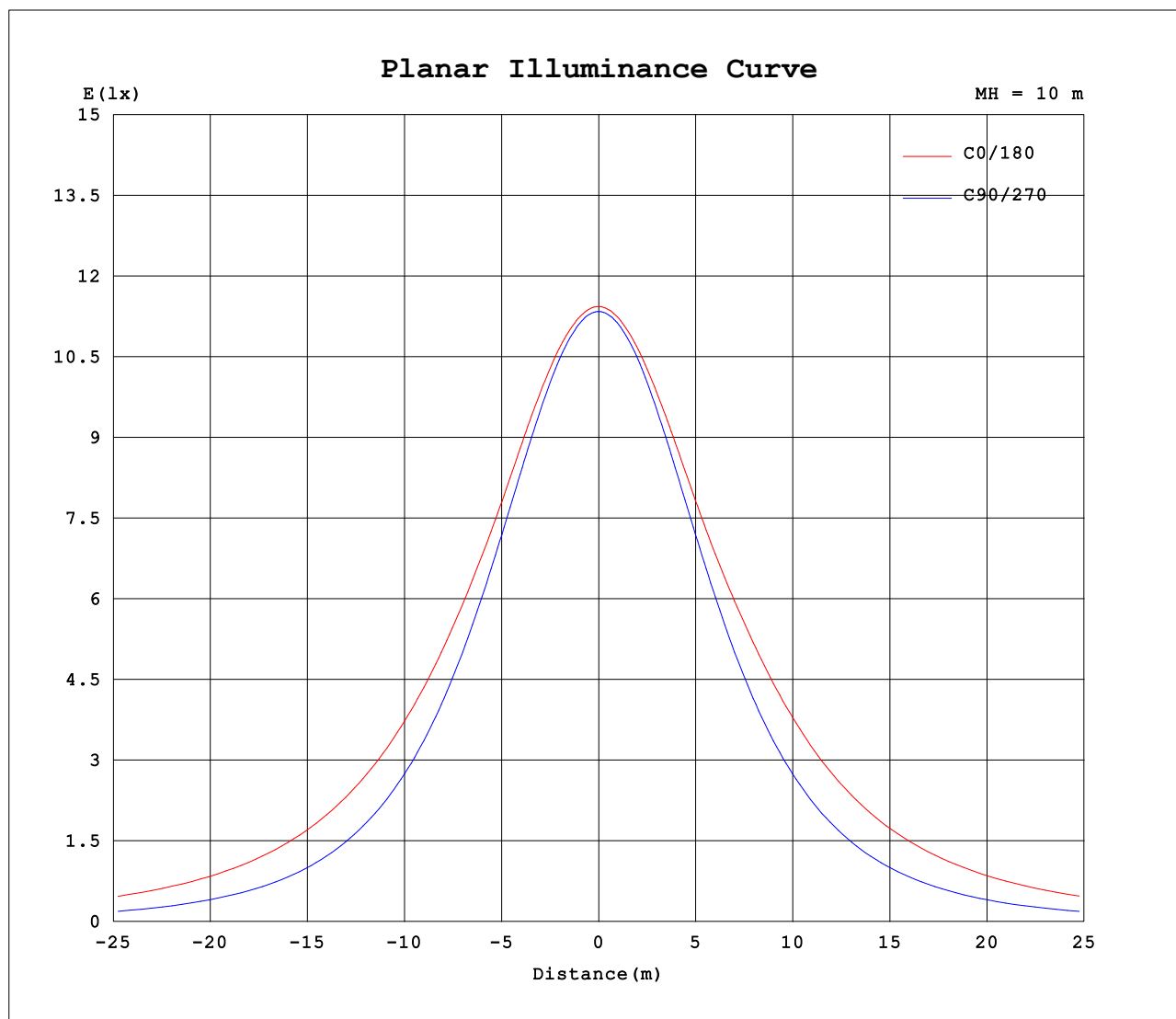
AvgL	cd/m2
L_0~180 (65) av	4597
L_0~180 (75) av	6299
L_0~180 (85) av	6823
L_90~270 (65) av	2119
L_90~270 (75) av	1884
L_90~270 (85) av	1439
L_45 (65) av	3552
L_45 (75) av	4593
L_45 (85) av	6099

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:0.4640A P:55.60W PF:0.9900 Freq:60.00Hz Lamp Flux:7399.01x1 lm		
NAME: 14代 8FT	TYPE:4000K	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	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136
5	1134	1134	1133	1133	1133	1133	1132	1132	1132	1132	1132	1132	1132	1131	1131	1131	1131	1131	1132
10	1127	1127	1126	1125	1125	1124	1123	1123	1122	1122	1121	1120	1120	1119	1118	1118	1118	1118	1118
15	1117	1116	1115	1113	1112	1110	1109	1108	1106	1105	1103	1102	1100	1098	1097	1096	1095	1095	1094
20	1104	1102	1099	1097	1095	1092	1090	1088	1085	1083	1080	1077	1073	1071	1068	1066	1064	1062	1062
25	1088	1084	1081	1078	1074	1071	1067	1064	1060	1056	1051	1046	1041	1036	1032	1028	1025	1022	1021
30	1076	1070	1064	1059	1053	1047	1041	1035	1030	1024	1016	1008	1001	994	987	982	977	973	971
35	1068	1059	1050	1040	1031	1022	1014	1005	996	987	976	965	955	945	936	929	922	918	915
40	1059	1047	1034	1022	1010	998	986	974	962	950	935	920	906	892	880	870	861	854	850
45	1048	1033	1018	1002	987	972	957	942	926	911	891	872	853	835	819	805	794	785	779
50	1031	1013	995	977	959	941	923	905	886	868	843	818	795	772	752	734	719	708	701
55	1005	986	967	947	927	906	885	864	843	821	791	761	732	705	680	658	639	625	616
60	971	950	930	909	887	864	841	818	794	769	734	699	665	633	603	577	555	538	526
65	928	907	885	863	839	815	790	764	738	710	670	631	592	555	521	491	465	445	431
70	874	853	831	808	784	758	732	704	676	646	602	559	516	475	437	403	374	351	335
75	797	778	758	736	712	687	661	633	604	574	527	481	435	391	351	314	282	257	238
80	599	597	593	586	576	563	548	530	509	485	442	397	352	308	267	228	195	167	146
85	330	335	337	337	334	330	323	314	302	289	261	233	203	175	147	121	98.7	79.8	65.5
90	51.9	53.4	54.4	54.9	54.9	54.6	53.7	52.4	50.6	48.4	43.6	38.4	33.1	27.9	22.8	18.1	14.0	10.5	7.80
95	209	201	192	183	174	165	156	147	137	128	115	102	89.8	78.2	67.5	58.0	49.9	43.6	39.3
100	361	353	344	335	324	313	301	288	275	260	238	216	194	172	152	134	118	105	95.8
105	474	466	457	447	436	423	410	395	379	362	336	308	281	255	231	208	189	173	161
110	546	533	519	505	490	474	459	442	425	408	383	358	334	311	289	269	252	239	228
115	577	564	552	538	525	511	497	482	467	452	431	409	389	369	351	334	320	308	299
120	607	597	586	575	564	552	540	528	515	502	483	464	446	428	412	397	384	373	365
125	643	634	625	615	605	594	583	572	561	549	532	516	500	484	470	456	445	435	428
130	676	667	658	649	640	631	621	611	601	590	576	562	548	535	522	511	502	493	487
135	703	695	686	678	669	661	652	643	634	625	614	602	591	581	571	562	555	548	543
140	723	716	709	701	694	687	680	672	665	658	649	640	631	623	615	608	602	597	593
145	738	732	727	722	716	711	705	700	694	689	682	675	668	662	656	650	646	641	638
150	751	748	744	740	736	733	729	725	721	717	712	707	702	697	692	688	684	681	678
155	764	761	759	757	755	752	750	747	744	741	738	734	731	727	724	721	718	715	713
160	775	774	773	771	770	769	767	765	764	762	760	757	755	752	750	748	746	744	742
165	783	783	783	782	782	781	781	780	779	778	777	775	774	772	771	769	768	767	765
170	788	789	789	790	790	790	790	790	790	790	789	788	788	787	786	785	784	783	783
175	792	793	794	794	795	796	796	797	797	797	797	797	796	796	795	795	794	794	793
180	395	395	396	397	397	398	398	398	398	399	399	399	399	399	399	399	398	398	398

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:0.4640A P:55.60W PF:0.9900 Freq:60.00Hz Lamp Flux:7399.01x1 lm																		
NAME: 14代 8FT									TYPE:4000K					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	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136
5	1132	1133	1133	1134	1134	1135	1135	1136	1136	1136	1136	1135	1135	1135	1134	1134	1134	1134	1134
10	1119	1120	1121	1122	1123	1125	1126	1127	1128	1128	1128	1128	1128	1128	1127	1127	1126	1126	1126
15	1096	1098	1100	1102	1104	1107	1109	1111	1114	1114	1115	1116	1116	1116	1116	1116	1116	1116	1116
20	1064	1067	1070	1073	1077	1081	1085	1089	1093	1095	1097	1099	1100	1102	1102	1103	1103	1104	1103
25	1024	1027	1032	1037	1042	1048	1054	1060	1066	1070	1074	1078	1081	1084	1086	1088	1089	1090	1089
30	975	980	986	993	1001	1009	1018	1026	1035	1042	1049	1055	1061	1067	1071	1075	1078	1079	1077
35	919	925	933	942	953	964	975	987	999	1011	1023	1034	1044	1054	1062	1069	1074	1078	1074
40	856	864	874	886	899	914	929	945	962	978	995	1011	1026	1040	1052	1062	1070	1076	1071
45	787	798	812	828	846	865	886	907	928	949	969	988	1006	1023	1037	1050	1059	1066	1060
50	712	726	745	766	789	814	840	866	893	917	940	962	982	1001	1017	1030	1040	1047	1041
55	629	648	670	696	725	755	787	819	851	878	904	928	951	971	988	1002	1013	1020	1013
60	542	563	590	620	653	689	725	763	800	830	859	886	910	932	951	966	977	985	977
65	449	473	502	536	573	613	654	695	737	770	801	830	857	880	901	917	929	937	929
70	353	378	409	445	485	527	571	616	660	695	728	759	787	812	834	851	864	873	865
75	258	284	317	354	395	439	485	531	576	609	639	668	693	715	734	750	761	768	762
80	167	195	229	267	308	351	395	437	478	495	510	521	529	535	538	540	539	536	536
85	80.9	101	124	150	178	206	234	260	284	287	287	284	280	273	266	258	249	240	241
90	11.3	15.6	20.5	25.6	30.9	36.0	40.7	44.8	48.1	44.2	39.5	34.3	28.6	22.9	17.3	12.0	7.35	3.47	6.54
95	45.1	52.8	62.0	72.4	83.6	95.3	107	119	130	134	137	139	141	143	144	146	147	148	155
100	104	116	131	148	166	186	206	227	246	257	267	276	284	291	296	301	305	308	313
105	171	185	203	223	245	269	294	319	343	357	371	382	393	402	410	416	420	423	424
110	236	247	261	277	296	317	339	361	384	404	423	442	459	475	489	501	510	517	514
115	304	313	324	337	353	369	387	406	425	443	461	478	494	509	522	534	543	550	548
120	370	377	387	399	412	427	443	459	475	490	504	517	530	541	552	561	568	574	573
125	432	438	446	456	467	480	493	507	521	534	546	559	570	580	590	598	605	610	609
130	490	495	501	509	518	529	540	551	563	574	585	596	606	616	625	632	638	643	642
135	545	548	552	558	565	572	580	589	598	608	618	628	637	646	654	661	667	672	671
140	594	595	598	602	606	612	618	624	631	639	647	656	664	671	678	685	690	694	693
145	638	639	640	643	646	649	653	657	662	668	674	681	687	693	698	703	707	710	710
150	678	679	679	681	683	685	688	690	694	697	701	705	709	712	716	719	722	724	724
155	713	713	714	715	716	717	719	721	722	724	726	728	730	732	734	735	737	738	739
160	742	742	742	742	743	744	745	746	747	747	748	749	750	751	752	753	754	755	756
165	765	765	765	765	765	765	765	766	766	766	766	767	767	767	767	768	768	769	770
170	782	782	782	782	781	781	781	781	781	780	780	780	779	779	779	779	779	779	780
175	793	793	793	792	792	792	792	791	791	790	790	789	788	788	788	787	787	787	788
180	398	398	398	398	398	398	398	397	397	397	397	396	396	396	395	395	395	395	395

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:0.4640A P:55.60W PF:0.9900 Freq:60.00Hz Lamp Flux:7399.01x1 lm																		
NAME: 14代 8FT									TYPE:4000K					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	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136
5	1134	1134	1134	1134	1134	1134	1134	1134	1134	1134	1133	1133	1133	1133	1132	1132	1132	1132	1131
10	1126	1126	1126	1126	1126	1126	1125	1125	1124	1124	1123	1122	1121	1120	1119	1119	1118	1117	1117
15	1115	1115	1114	1113	1113	1112	1111	1110	1108	1106	1104	1102	1101	1099	1097	1096	1095	1094	1094
20	1102	1101	1099	1098	1096	1094	1091	1089	1086	1082	1079	1075	1072	1069	1067	1064	1062	1062	1062
25	1087	1085	1082	1079	1076	1072	1068	1063	1058	1052	1047	1042	1037	1032	1028	1024	1021	1021	1022
30	1074	1070	1065	1060	1054	1047	1040	1032	1024	1016	1008	1000	993	986	981	976	972	972	973
35	1069	1062	1053	1044	1033	1022	1010	998	986	975	963	952	942	933	925	919	914	915	917
40	1063	1053	1041	1027	1013	997	980	964	947	931	915	901	887	875	864	855	849	851	856
45	1051	1040	1026	1010	992	973	953	933	911	890	869	849	830	814	799	787	778	782	789
50	1031	1018	1003	985	965	943	920	897	869	842	816	790	766	745	726	710	699	705	715
55	1002	988	971	951	929	904	878	851	819	786	755	724	695	669	647	628	614	622	636
60	965	950	931	909	884	857	828	797	760	723	686	651	617	587	561	540	524	535	551
65	917	900	880	856	829	800	768	735	694	652	610	571	534	500	470	446	428	441	461
70	853	836	815	790	762	731	698	663	618	573	528	485	445	408	376	350	330	345	366
75	752	738	719	698	673	645	615	582	535	488	441	395	353	313	279	251	230	246	269
80	534	530	524	516	505	492	476	457	418	376	334	293	253	217	184	157	136	152	175
85	242	243	243	242	241	238	234	229	208	186	164	141	120	99.7	81.7	66.5	54.8	63.6	75.9
90	10.4	15.0	19.9	25.0	30.1	34.9	39.3	43.0	40.5	37.2	33.4	29.2	24.9	20.6	16.5	12.8	9.66	11.1	13.1
95	162	169	175	180	185	188	189	189	174	159	142	125	108	92.3	78.0	65.7	56.2	64.9	76.4
100	316	318	319	319	317	313	308	300	278	255	231	208	185	164	145	129	117	128	143
105	423	421	417	411	404	395	384	371	348	323	299	274	251	229	211	195	183	193	208
110	508	499	488	476	461	445	428	410	388	367	345	324	305	288	273	261	252	260	271
115	543	536	527	516	504	491	476	460	441	422	403	385	368	353	340	329	322	329	339
120	570	565	559	551	542	532	520	508	492	476	459	444	429	416	404	395	388	395	404
125	606	602	596	589	581	572	562	552	538	524	510	497	485	474	464	456	451	457	465
130	639	635	630	623	616	608	599	590	579	568	556	546	536	527	519	513	509	514	520
135	668	664	659	653	646	639	631	623	614	605	597	589	582	575	570	565	562	566	571
140	691	687	683	678	672	666	660	653	647	640	634	629	624	619	615	613	611	614	618
145	708	706	703	700	696	692	688	683	679	674	670	666	663	660	657	655	654	657	660
150	724	723	722	721	719	717	715	713	710	707	704	701	699	696	694	693	692	694	696
155	740	740	740	740	740	740	739	739	737	735	733	731	729	728	727	726	725	726	728
160	757	757	758	759	759	760	760	760	759	758	757	756	755	754	753	752	752	753	754
165	771	772	773	774	775	775	776	777	776	776	776	775	774	774	773	773	773	773	774
170	781	782	784	785	786	787	788	789	789	789	789	789	789	789	788	788	788	788	788
175	789	790	791	792	794	795	796	797	797	797	797	797	797	797	796	796	796	796	796
180	396	396	396	397	397	398	398	399	399	399	399	399	399	399	399	398	398	398	398

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:0.4640A P:55.60W PF:0.9900 Freq:60.00Hz Lamp Flux:7399.01x1 lm																	
NAME: 14代 8FT									TYPE:4000K						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	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136	1136				
5	1131	1131	1131	1130	1130	1130	1130	1130	1130	1131	1131	1131	1132	1133	1133				
10	1117	1117	1116	1116	1117	1117	1117	1118	1119	1119	1120	1121	1123	1124	1126				
15	1094	1094	1094	1095	1096	1097	1098	1100	1101	1103	1105	1107	1109	1112	1115				
20	1062	1063	1065	1066	1068	1071	1073	1075	1078	1081	1084	1088	1091	1095	1099				
25	1023	1025	1028	1031	1035	1038	1043	1047	1051	1055	1060	1065	1070	1076	1082				
30	976	979	983	988	994	1000	1007	1013	1020	1026	1034	1041	1049	1058	1066				
35	922	927	934	941	950	960	970	979	988	998	1008	1019	1031	1043	1055				
40	862	871	881	893	905	919	933	945	958	971	984	998	1013	1028	1043				
45	799	811	825	841	858	877	896	911	927	943	959	976	994	1011	1030				
50	728	744	763	784	807	831	855	874	892	912	931	950	970	990	1010				
55	653	674	698	724	752	781	811	833	855	876	898	920	941	963	984				
60	572	598	626	658	691	725	760	785	809	833	857	880	903	926	949				
65	485	515	548	584	621	661	700	727	754	781	807	832	857	881	905				
70	393	426	462	501	543	586	629	659	688	717	745	772	799	825	850				
75	299	334	373	415	460	505	551	582	612	642	670	697	724	749	774				
80	204	237	274	313	353	394	435	459	483	504	524	542	559	574	587				
85	91.4	109	129	151	173	196	219	234	248	262	275	288	299	310	321				
90	15.7	18.8	22.1	25.8	29.6	33.4	37.2	39.4	41.6	43.5	45.3	47.0	48.4	49.8	50.9				
95	90.2	106	122	140	157	174	190	198	205	210	213	215	216	215	213				
100	162	183	206	230	254	279	302	315	326	336	344	350	355	359	361				
105	225	245	268	292	317	342	366	382	397	411	424	436	447	457	466				
110	286	303	322	342	364	386	409	425	441	457	472	487	502	517	532				
115	352	368	385	403	422	442	462	476	490	503	516	529	541	553	565				
120	416	429	445	461	478	495	512	524	536	547	558	569	579	588	598				
125	475	486	499	513	527	542	557	568	578	588	598	608	617	626	635				
130	528	537	548	559	571	583	596	605	614	623	632	641	650	659	667				
135	577	584	593	602	611	621	631	639	647	655	663	671	679	687	695				
140	623	628	634	641	649	656	664	670	677	683	690	696	703	709	716				
145	663	668	673	678	683	689	695	700	704	709	714	718	723	728	733				
150	699	703	706	710	714	719	723	726	729	733	736	739	742	745	748				
155	730	733	735	738	741	744	747	749	751	753	755	757	758	760	762				
160	755	757	759	760	762	764	766	767	768	769	770	771	772	773	774				
165	775	776	776	777	778	779	780	781	781	782	782	782	783	783	783				
170	789	789	789	790	790	790	790	790	790	790	790	790	790	790	789				
175	796	796	796	796	796	796	796	796	795	795	795	794	794	793	792				
180	398	398	398	398	398	397	397	397	397	397	396	396	396	396	395				

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: