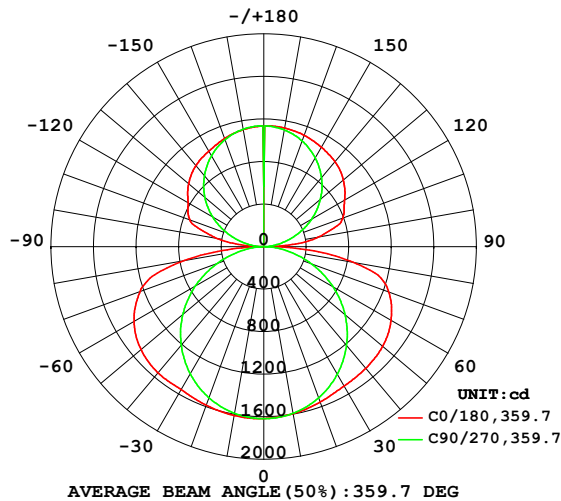


LUMINAIRE PHOTOMETRIC TEST REPORT

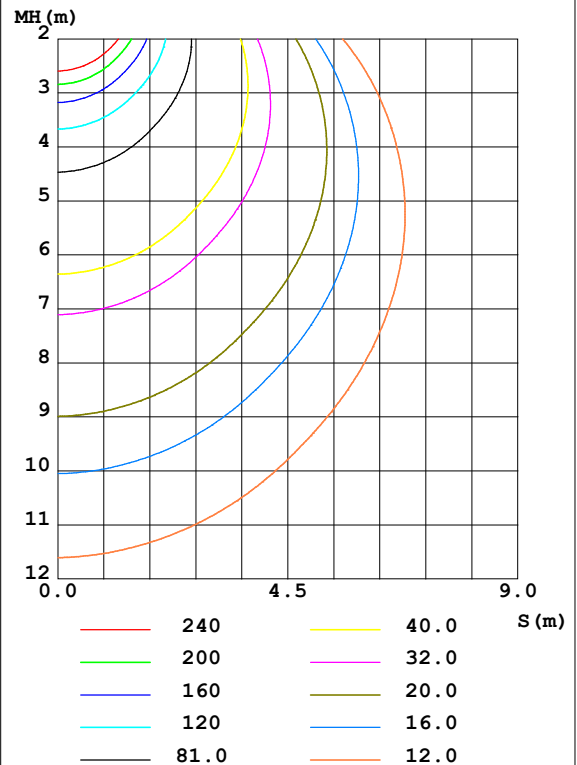
Test:U:120.4V I:0.6400A P:76.80W PF:0.9900 Freq:60.00Hz Lamp Flux:10539.2x1 lm		
NAME: 14代 8FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 137.23 lm/W			
MODEL		I _{max} (cd)	1619	S/MH(C0/180)	1.43
NOMINAL POWER(W)	80W	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	10539	η UP,DN(C0-180)	19.7,30.2
NOMINAL FLUX(lm)	10539.2	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	20.4,29.8
LAMPS INSIDE	1	η up(%)	40.0	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120.0	η down(%)	60.0	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:

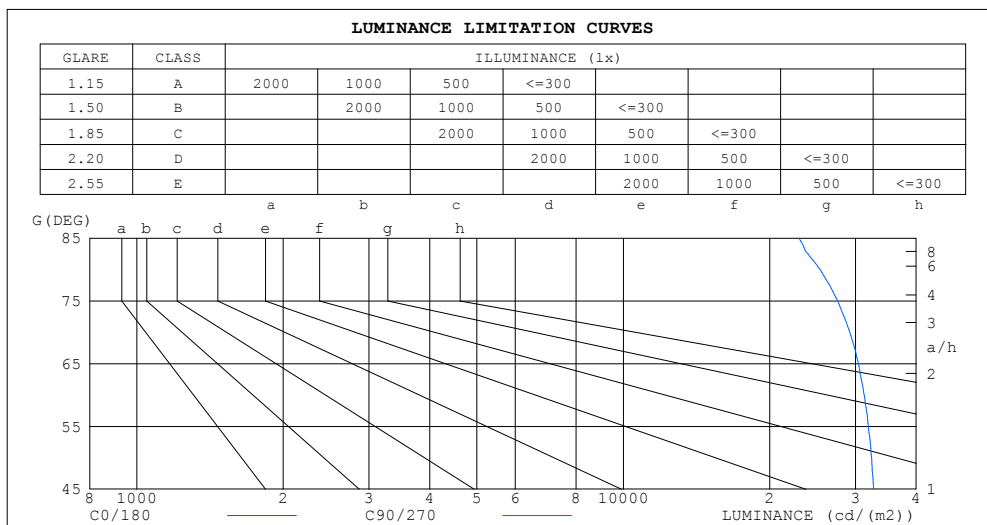
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1595	1591	1591	1605	1613	1605	1591	1590	0- 10	153.4	153.4	1.46,1.46
20	1555	1528	1512	1555	1586	1554	1512	1527	10- 20	444.6	598.1	5.67,5.67
30	1513	1434	1384	1474	1554	1470	1383	1431	20- 30	692.5	1291	12.2,12.2
40	1493	1323	1212	1371	1548	1370	1208	1325	30- 40	880.5	2171	20.6,20.6
50	1460	1212	998.7	1274	1507	1275	994.0	1212	40- 50	1003	3174	30.1,30.1
60	1383	1083	750.4	1143	1409	1134	744.7	1076	50- 60	1043	4216	40,40
70	1250	911.7	479.5	943.7	1239	944.7	468.6	892.4	60- 70	980.2	5197	49.3,49.3
80	858.1	684.6	211.4	682.8	759.5	650.6	192.3	617.0	70- 80	794.4	5991	56.8,56.8
90	91.19	67.28	11.04	69.10	6.470	60.56	13.15	52.08	80- 90	330.5	6322	60,60
100	520.4	372.9	137.0	351.2	443.4	426.7	163.9	437.3	90-100	207.7	6529	62,62
110	791.0	585.6	329.2	547.6	741.7	581.2	358.6	589.1	100-110	498.8	7028	66.7,66.7
120	878.5	719.0	521.5	677.2	822.6	720.7	551.9	736.8	110-120	625.8	7654	72.6,72.6
130	977.4	843.6	695.1	801.7	922.3	837.2	724.3	854.6	120-130	687.4	8341	79.1,79.1
140	1043	938.8	845.6	898.4	995.0	926.6	869.6	951.2	130-140	682.2	9024	85.6,85.6
150	1082	1022	967.1	988.6	1037	1012	985.6	1034	140-150	611.1	9635	91.4,91.4
160	1114	1085	1058	1065	1083	1079	1070	1094	150-160	484.8	10119	96,96
170	1133	1123	1115	1114	1118	1121	1122	1129	160-170	312.1	10431	99,99
180	567.0	567.0	567.0	567.0	567.0	567.0	567.0	567.0	170-180	107.7	10539	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:120.4V I:0.6400A P:76.80W PF:0.9900 Freq:60.00Hz Lamp Flux:10539.2x1 lm		
NAME: 14代 8FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	113904	22972
80	102945	25359
75	91734	27555
70	76162	29205
65	65330	30420
60	57623	31268
55	51867	31903
50	47304	32368
45	43607	32700

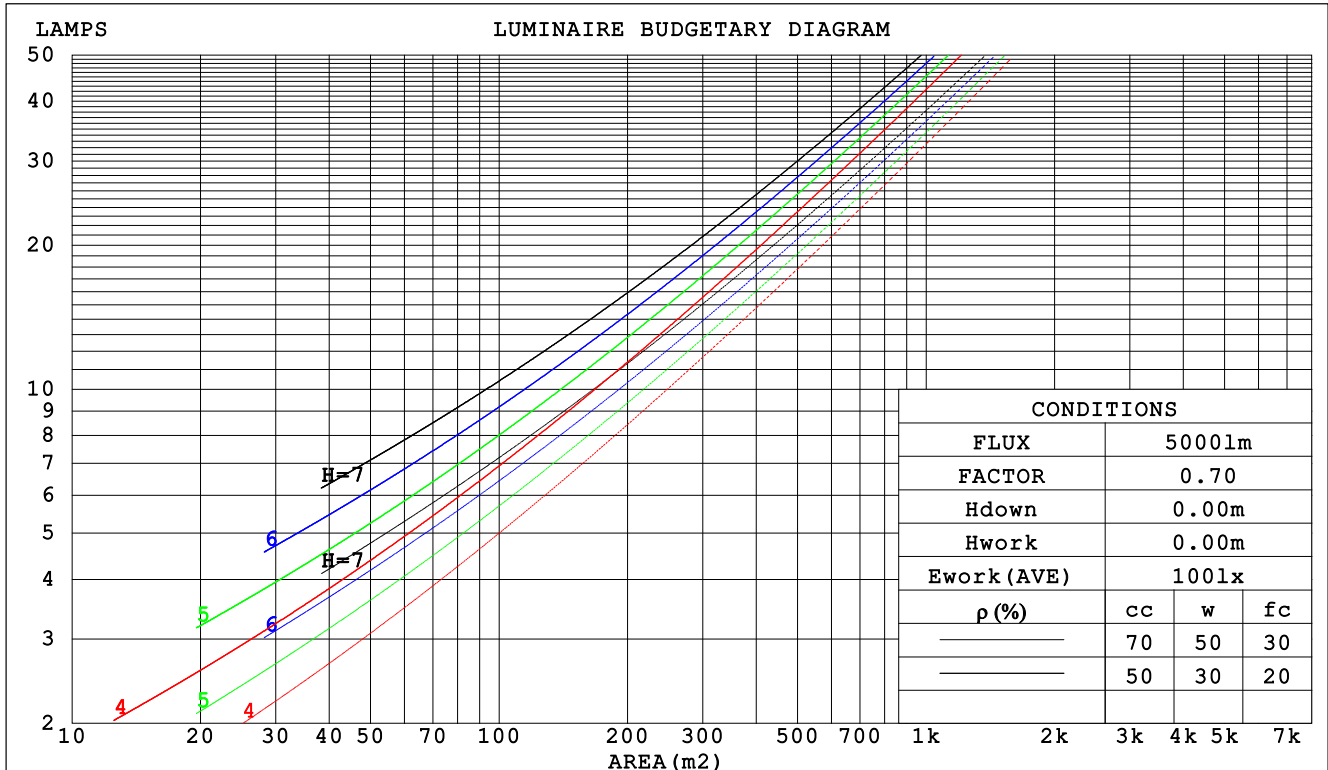
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:120.4V I:0.6400A P:76.80W PF:0.9900 Freq:60.00Hz Lamp Flux:10539.2x1 lm		
NAME: 14代 8FT	TYPE:3500K	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	.41	.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	.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:120.4V I:0.6400A P:76.80W PF:0.9900 Freq:60.00Hz Lamp Flux:10539.2x1 lm					
NAME: 14代 8FT			TYPE:3500K		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	.159	.051	.245	.141	.045	.214	.124	.040		
2.0	.301	.165	.051	.283	.156	.048	.251	.139	.043	.220	.124	.039	.192	.109	.034		
3.0	.272	.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	.165	.087	.026	.143	.077	.023		
6.0	.209	.105	.030	.197	.100	.029	.174	.089	.026	.152	.079	.023	.132	.069	.021		
7.0	.194	.096	.027	.183	.091	.026	.161	.081	.023	.141	.072	.021	.122	.063	.019		
8.0	.180	.088	.025	.170	.084	.024	.150	.075	.021	.131	.066	.019	.114	.058	.017		
9.0	.168	.081	.023	.159	.077	.022	.140	.069	.020	.123	.062	.018	.106	.054	.016		
10.0	.158	.076	.021	.149	.072	.020	.132	.064	.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	.495	.495	.495	.423	.423	.423	.289	.289	.289	.166	.166	.166	.053	.053	.053	
1.0	.489	.463	.440	.419	.398	.379	.286	.274	.262	.165	.158	.152	.053	.051	.049	
2.0	.483	.441	.406	.414	.380	.351	.283	.263	.245	.163	.153	.144	.052	.049	.047	
3.0	.476	.425	.385	.408	.367	.334	.280	.255	.234	.162	.149	.138	.052	.048	.045	
4.0	.469	.413	.371	.403	.357	.322	.277	.249	.227	.160	.146	.134	.052	.047	.044	
5.0	.462	.404	.361	.397	.350	.314	.273	.244	.222	.158	.143	.132	.051	.047	.043	
6.0	.455	.397	.354	.391	.343	.309	.270	.240	.218	.157	.141	.130	.051	.046	.043	
7.0	.449	.390	.349	.386	.338	.304	.267	.237	.216	.155	.140	.128	.050	.046	.042	
8.0	.443	.385	.345	.381	.334	.301	.264	.234	.214	.153	.138	.127	.050	.045	.042	
9.0	.437	.380	.342	.376	.330	.299	.261	.232	.212	.152	.137	.126	.049	.045	.042	
10.0	.431	.377	.340	.372	.327	.297	.258	.230	.211	.150	.136	.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:120.4V I:0.6400A P:76.80W PF:0.9900 Freq:60.00Hz Lamp Flux:10539.2x1 lm										
NAME: 14代 8FT					TYPE:3500K			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	24.6	25.7	25.4	26.5	27.4	22.2	23.3	23.0	24.1	25.0
3H	27.5	28.5	28.3	29.3	30.3	23.8	24.8	24.5	25.6	26.5
4H	29.0	29.9	29.8	30.7	31.8	24.4	25.3	25.2	26.1	27.1
6H	30.3	31.2	31.2	32.1	33.1	24.8	25.7	25.7	26.5	27.6
8H	30.9	31.7	31.7	32.6	33.6	25.0	25.8	25.8	26.6	27.7
12H	31.3	32.1	32.1	33.0	34.0	25.0	25.8	25.9	26.7	27.8
4H 2H	25.1	26.1	25.9	26.9	27.9	23.4	24.4	24.2	25.2	26.2
3H	28.2	29.0	29.0	29.8	30.9	25.2	26.0	26.1	26.9	27.9
4H	29.8	30.6	30.7	31.4	32.5	26.0	26.7	26.9	27.6	28.7
6H	31.4	32.0	32.3	32.9	34.1	26.6	27.3	27.5	28.2	29.3
8H	32.0	32.6	32.9	33.5	34.7	26.8	27.4	27.7	28.3	29.4
12H	32.5	33.1	33.4	34.0	35.1	26.9	27.5	27.8	28.4	29.5
8H 4H	30.1	30.7	31.0	31.6	32.7	27.1	27.7	28.0	28.6	29.7
6H	31.9	32.4	32.8	33.3	34.5	28.0	28.5	29.0	29.5	30.6
8H	32.7	33.2	33.6	34.1	35.3	28.4	28.8	29.3	29.8	30.9
12H	33.4	33.8	34.3	34.7	35.9	28.6	29.0	29.5	29.9	31.1
12H 4H	30.1	30.7	31.0	31.6	32.7	27.4	27.9	28.3	28.8	30.0
6H	32.0	32.4	32.9	33.4	34.5	28.5	29.0	29.4	29.9	31.1
8H	32.9	33.2	33.8	34.2	35.4	29.0	29.4	29.9	30.3	31.5
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 10539 lm Total Lamp Luminous Flux.(8log(F/F0) = 8.2)

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:120.4V I:0.6400A P:76.80W PF:0.9900 Freq:60.00Hz Lamp Flux:10539.2x1 lm		
NAME: 14代 8FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

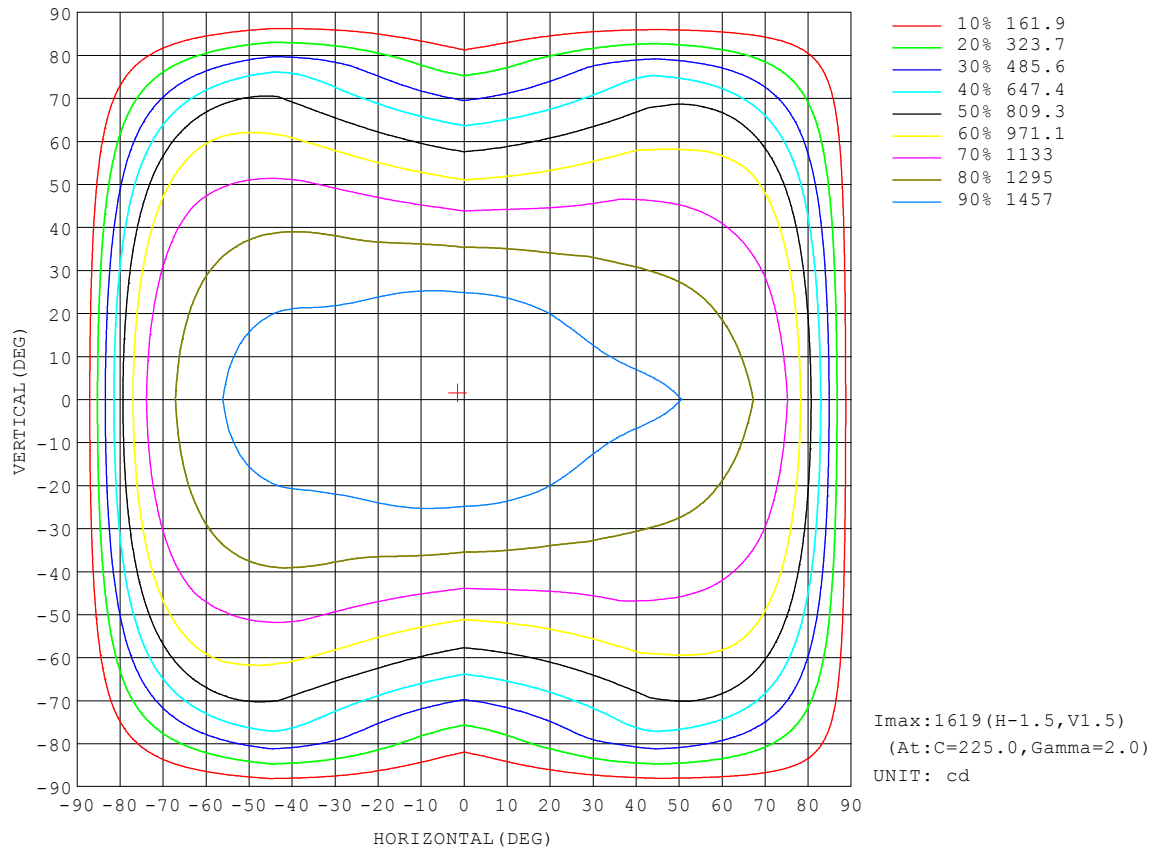
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	43	31	24	41	30	24	37	28	22	15
0.80	52	40	32	50	38	31	45	35	29	19
1.00	60	48	39	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	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:120.4V I:0.6400A P:76.80W PF:0.9900 Freq:60.00Hz Lamp Flux:10539.2x1 lm		
NAME: 14代 8FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

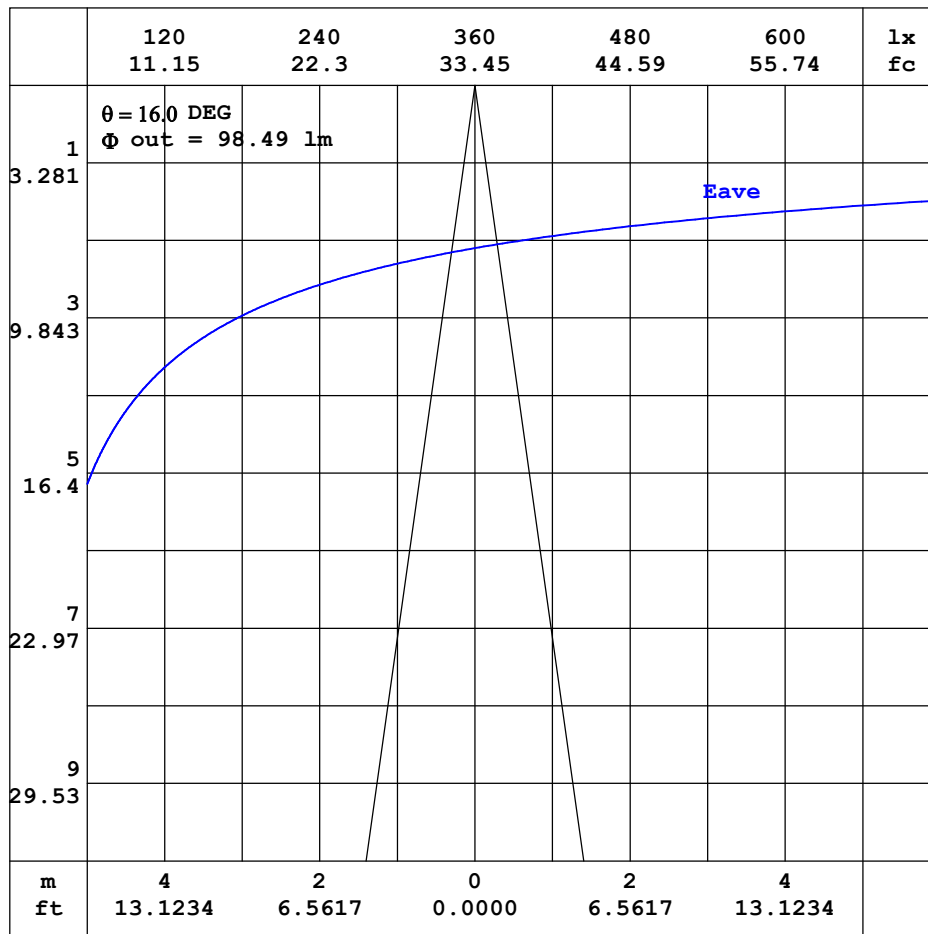


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:120.4V I:0.6400A P:76.80W PF:0.9900 Freq:60.00Hz Lamp Flux:10539.2x1 lm		
NAME: 14代 8FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:



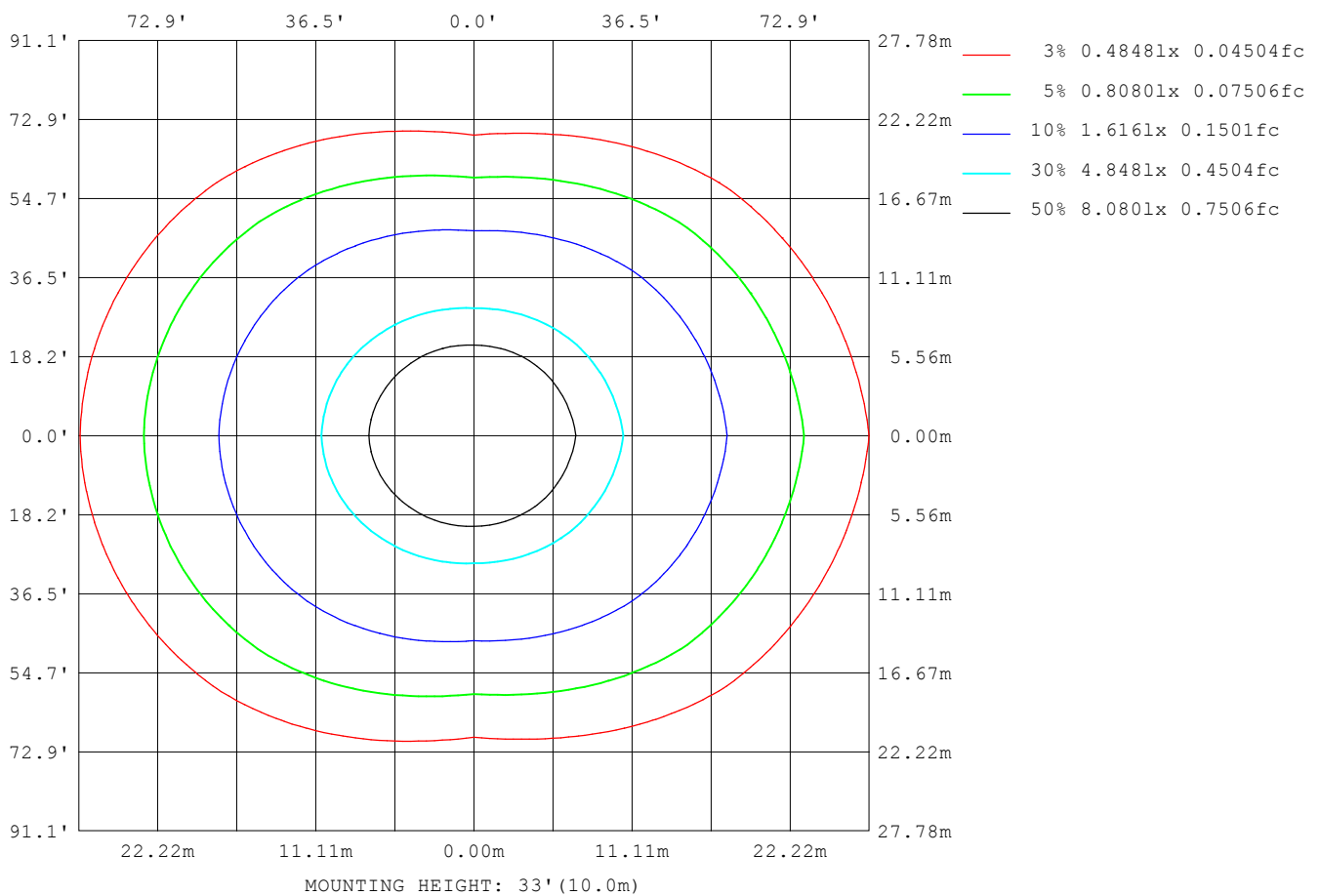
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.4V I:0.6400A P:76.80W PF:0.9900 Freq:60.00Hz Lamp Flux:10539.2x1 lm		
NAME: 14代 8FT	TYPE:3500K	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:120.4V I:0.6400A P:76.80W PF:0.9900 Freq:60.00Hz Lamp Flux:10539.2x1 lm		
NAME: 14代 8FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

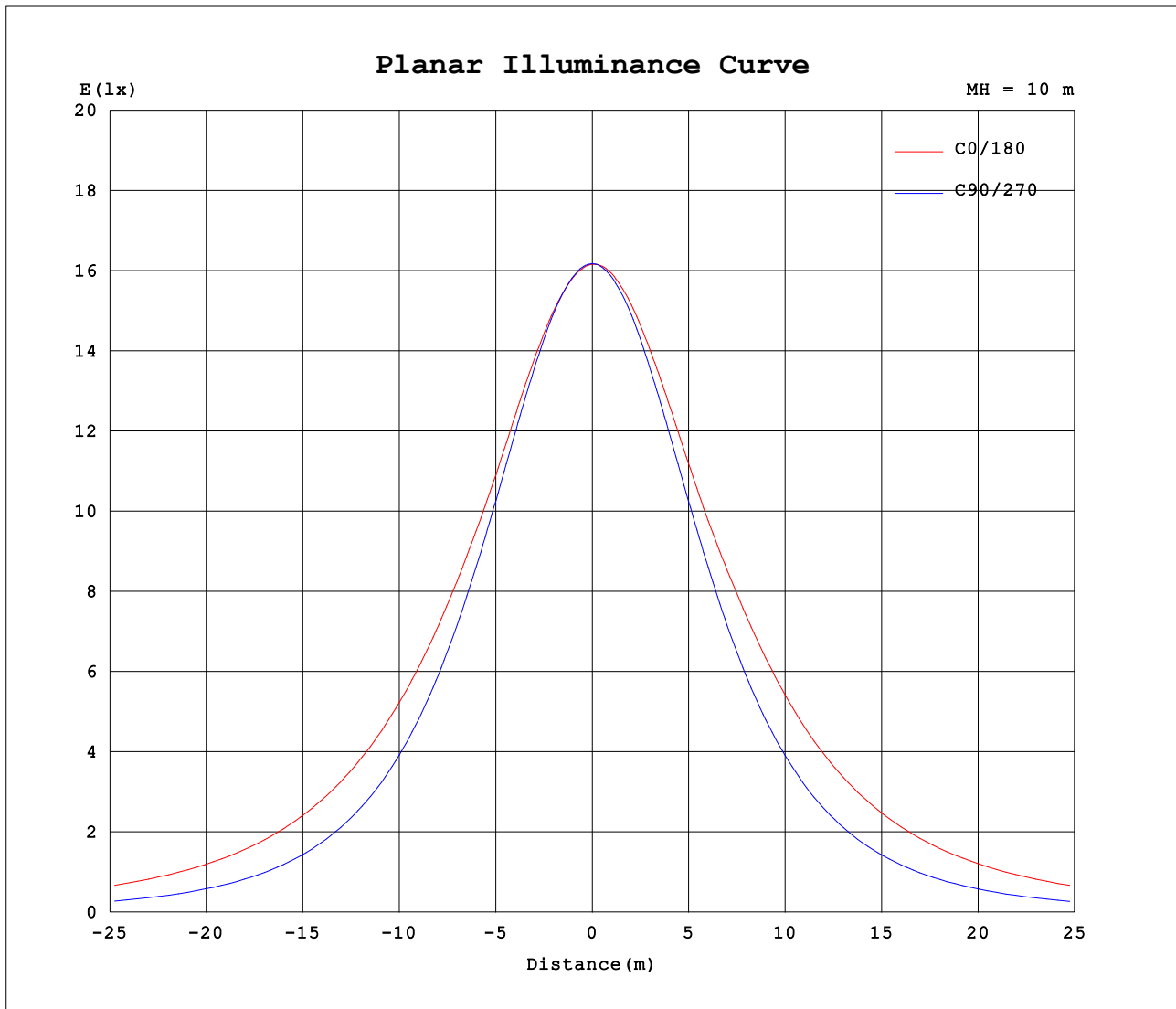
AvgL	cd/m2
L_0~180 (65) av	65531
L_0~180 (75) av	89641
L_0~180 (85) av	98326
L_90~270 (65) av	30216
L_90~270 (75) av	27033
L_90~270 (85) av	20685
L_45 (65) av	50445
L_45 (75) av	65322
L_45 (85) av	86855

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:120.4V I:0.6400A P:76.80W PF:0.9900 Freq:60.00Hz Lamp Flux:10539.2x1 lm																		
NAME: 14代 8FT									TYPE:3500K					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	1616	1616	1616	1617	1617	1617	1617	1617	1617	1618	1618	1618	1618	1618	1618	1618	1618	1618	1618
5	1609	1609	1609	1609	1609	1609	1609	1609	1609	1609	1609	1609	1609	1609	1609	1610	1610	1610	1610
10	1595	1594	1594	1593	1593	1592	1592	1591	1591	1591	1591	1591	1590	1590	1590	1590	1590	1591	1591
15	1577	1575	1573	1572	1570	1569	1567	1566	1565	1564	1562	1561	1560	1559	1558	1558	1558	1558	1558
20	1555	1552	1548	1545	1541	1538	1535	1533	1530	1528	1524	1521	1519	1517	1515	1513	1512	1512	1512
25	1531	1525	1520	1514	1509	1504	1499	1494	1490	1485	1480	1474	1469	1465	1461	1458	1456	1455	1454
30	1513	1503	1493	1484	1475	1466	1457	1449	1441	1434	1425	1417	1409	1402	1396	1391	1387	1385	1384
35	1503	1487	1471	1456	1441	1427	1414	1401	1389	1378	1364	1352	1340	1330	1321	1314	1308	1305	1304
40	1493	1471	1450	1430	1410	1391	1373	1356	1339	1323	1304	1286	1269	1254	1241	1229	1221	1215	1212
45	1480	1454	1429	1404	1380	1356	1334	1311	1290	1269	1243	1218	1194	1173	1154	1137	1124	1115	1110
50	1460	1430	1402	1373	1345	1318	1291	1264	1238	1212	1178	1146	1115	1086	1060	1038	1020	1007	999
55	1428	1397	1366	1335	1305	1274	1243	1213	1182	1151	1110	1069	1030	994	960	932	908	890	878
60	1383	1351	1319	1287	1254	1221	1187	1153	1118	1083	1034	986	939	895	854	818	788	765	750
65	1325	1293	1259	1225	1190	1154	1117	1080	1042	1003	947	892	838	787	740	698	663	636	617
70	1250	1217	1183	1148	1111	1074	1035	995	954	912	850	789	729	672	620	573	533	501	479
75	1140	1110	1079	1045	1011	974	936	896	854	811	745	680	616	555	498	447	403	367	342
80	858	854	845	834	818	799	776	749	719	685	624	562	499	437	379	326	279	240	211
85	477	482	484	483	479	472	461	448	431	412	373	332	291	250	211	175	143	116	96.1
90	91.2	90.1	88.7	86.8	84.6	81.9	78.8	75.4	71.5	67.3	59.9	52.4	44.9	37.6	30.6	24.3	18.8	14.3	11.0
95	300	287	273	260	246	233	219	205	192	178	160	142	125	109	94.1	81.1	70.1	61.5	55.6
100	520	508	495	481	466	449	432	413	394	373	341	309	278	247	218	192	170	151	137
105	685	673	659	644	627	609	589	568	545	520	482	443	404	367	331	299	271	247	230
110	791	771	750	728	706	683	660	636	611	586	550	515	480	447	416	388	364	344	329
115	836	817	797	777	757	736	715	693	671	648	617	587	557	528	501	477	456	439	426
120	879	863	846	830	812	795	776	758	739	719	692	665	638	613	589	567	549	533	521
125	932	917	902	886	870	854	838	821	803	786	762	738	714	692	671	652	635	622	611
130	977	963	949	934	920	905	890	875	859	844	823	802	782	763	746	730	716	704	695
135	1015	1002	988	974	960	947	933	920	906	893	876	860	844	829	815	802	791	782	775
140	1043	1031	1019	1007	995	984	972	961	950	939	925	912	900	888	877	867	858	851	846
145	1064	1054	1045	1036	1026	1017	1009	1000	991	982	972	962	952	943	935	927	920	914	910
150	1082	1075	1068	1061	1054	1048	1041	1034	1028	1022	1014	1006	999	992	986	980	975	971	967
155	1099	1094	1089	1084	1079	1075	1070	1065	1061	1056	1051	1045	1040	1035	1031	1026	1023	1019	1017
160	1114	1111	1108	1104	1101	1098	1094	1091	1088	1085	1081	1077	1074	1071	1067	1064	1062	1060	1058
165	1125	1123	1121	1119	1117	1115	1113	1111	1109	1107	1105	1103	1101	1099	1097	1095	1093	1092	1091
170	1133	1132	1131	1130	1129	1127	1126	1125	1124	1123	1122	1121	1120	1119	1118	1117	1117	1116	1115
175	1137	1136	1136	1136	1135	1135	1135	1134	1134	1134	1133	1133	1132	1132	1132	1131	1131	1131	1130
180	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567

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:120.4V I:0.6400A P:76.80W PF:0.9900 Freq:60.00Hz Lamp Flux:10539.2x1 lm		
NAME: 14代 8FT	TYPE:3500K	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	1618	1618	1617	1617	1617	1617	1617	1617	1617	1617	1617	1616	1616	1616	1616	1616	1616	1616	1616
5	1611	1612	1612	1613	1614	1614	1615	1616	1616	1617	1617	1617	1617	1617	1617	1618	1618	1618	1617
10	1592	1594	1595	1597	1599	1600	1602	1604	1605	1607	1608	1609	1610	1611	1611	1612	1612	1613	1612
15	1560	1563	1566	1568	1572	1575	1578	1581	1585	1587	1590	1592	1595	1597	1598	1600	1601	1601	1600
20	1515	1519	1523	1528	1533	1538	1544	1549	1555	1560	1565	1569	1573	1577	1580	1583	1585	1586	1585
25	1459	1464	1470	1477	1485	1493	1501	1509	1518	1525	1533	1540	1547	1553	1558	1563	1566	1568	1566
30	1390	1397	1406	1415	1426	1437	1449	1461	1474	1486	1498	1509	1519	1529	1537	1544	1550	1554	1549
35	1311	1320	1331	1344	1358	1373	1390	1406	1423	1442	1461	1478	1495	1511	1525	1536	1545	1552	1545
40	1221	1233	1247	1264	1283	1303	1325	1348	1371	1396	1422	1446	1470	1491	1510	1527	1539	1548	1539
45	1122	1138	1158	1181	1207	1234	1263	1293	1323	1355	1385	1414	1442	1467	1490	1508	1523	1534	1524
50	1015	1036	1063	1093	1126	1161	1198	1236	1274	1310	1345	1377	1408	1436	1460	1480	1496	1507	1496
55	898	925	957	994	1034	1078	1123	1169	1215	1255	1293	1330	1363	1393	1419	1441	1457	1468	1456
60	774	805	843	886	933	984	1036	1090	1143	1186	1227	1266	1301	1333	1360	1382	1398	1409	1397
65	643	677	719	767	820	876	935	994	1053	1099	1143	1184	1221	1254	1282	1306	1323	1333	1322
70	506	543	587	638	695	755	818	881	944	992	1039	1081	1121	1155	1185	1209	1227	1239	1228
75	370	408	455	509	568	630	695	760	824	870	913	951	986	1017	1043	1064	1079	1088	1079
80	242	282	330	384	442	503	565	625	683	707	727	742	753	761	765	766	764	759	760
85	118	146	180	216	256	296	335	373	407	412	412	408	402	393	383	371	359	346	347
90	16.1	22.3	29.3	36.7	44.2	51.6	58.4	64.3	69.1	63.8	57.3	49.9	42.1	34.0	26.1	18.7	12.0	6.47	10.7
95	63.7	74.3	87.1	102	117	134	150	167	183	189	194	199	202	206	209	211	214	216	226
100	149	166	187	211	237	265	294	323	351	367	382	395	406	417	425	433	439	443	449
105	244	264	289	318	350	384	419	454	488	510	529	547	562	576	587	597	604	608	609
110	339	354	374	397	424	453	484	515	548	576	604	631	656	680	700	718	732	742	736
115	434	446	462	481	502	526	552	579	606	633	658	683	706	728	748	765	778	789	785
120	528	538	552	569	588	608	631	654	677	698	719	738	757	774	790	803	814	823	820
125	616	625	636	650	666	684	703	723	743	762	780	798	815	830	845	857	867	875	872
130	699	705	714	725	738	753	768	785	802	818	835	851	867	881	894	906	915	922	920
135	777	781	787	795	805	815	827	840	853	868	882	897	911	924	937	947	956	963	960
140	846	848	852	857	863	871	879	889	898	911	923	936	948	960	971	980	989	995	992
145	910	911	913	916	920	925	930	937	944	953	963	972	982	991	999	1007	1013	1018	1017
150	967	967	968	970	973	976	980	984	989	995	1001	1007	1013	1019	1024	1029	1034	1037	1037
155	1016	1016	1017	1018	1020	1022	1024	1027	1030	1033	1037	1040	1044	1047	1051	1054	1056	1059	1059
160	1057	1057	1057	1058	1059	1060	1061	1063	1065	1067	1069	1071	1073	1075	1078	1079	1081	1083	1083
165	1090	1090	1090	1090	1090	1091	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103
170	1115	1114	1114	1114	1114	1113	1113	1113	1114	1114	1114	1115	1115	1116	1116	1117	1118	1118	1119
175	1130	1130	1130	1129	1129	1129	1129	1129	1129	1129	1129	1129	1129	1129	1129	1129	1129	1129	1130
180	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567

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:120.4V I:0.6400A P:76.80W PF:0.9900 Freq:60.00Hz Lamp Flux:10539.2x1 lm																		
NAME: 14代 8FT									TYPE:3500K					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	1616	1616	1617	1617	1617	1617	1617	1618	1618	1618	1618	1618	1618	1618	1618	1618	1618	1618	1618
5	1617	1617	1617	1617	1617	1617	1616	1616	1616	1615	1614	1614	1613	1612	1612	1611	1611	1610	1610
10	1612	1611	1610	1609	1608	1607	1606	1605	1603	1602	1600	1598	1597	1595	1594	1592	1591	1591	1590
15	1599	1598	1596	1594	1591	1589	1586	1583	1580	1577	1574	1571	1568	1565	1562	1560	1558	1557	1557
20	1583	1580	1576	1573	1568	1564	1559	1554	1548	1543	1537	1532	1527	1523	1518	1515	1512	1511	1512
25	1562	1557	1552	1546	1539	1531	1523	1515	1507	1499	1491	1483	1476	1469	1463	1458	1453	1453	1454
30	1544	1536	1527	1517	1506	1495	1483	1470	1458	1446	1435	1424	1413	1404	1395	1388	1383	1383	1385
35	1535	1523	1509	1494	1476	1458	1440	1421	1403	1386	1370	1355	1341	1328	1317	1307	1300	1302	1306
40	1527	1510	1491	1470	1446	1422	1396	1370	1347	1324	1302	1281	1262	1244	1229	1217	1208	1212	1218
45	1509	1491	1469	1444	1417	1387	1357	1326	1295	1265	1235	1207	1181	1157	1137	1120	1107	1113	1122
50	1481	1460	1436	1409	1378	1345	1311	1275	1236	1197	1160	1124	1090	1059	1033	1011	994	1002	1016
55	1440	1417	1391	1360	1326	1290	1251	1211	1164	1118	1073	1029	988	952	919	893	873	884	902
60	1379	1356	1328	1296	1259	1220	1178	1134	1081	1028	976	925	878	836	798	768	745	760	782
65	1304	1280	1251	1217	1179	1138	1093	1046	987	928	869	813	760	711	669	635	609	627	654
70	1210	1186	1156	1122	1083	1040	994	945	881	817	753	691	633	581	535	497	469	489	519
75	1065	1045	1020	990	956	917	874	829	763	696	630	565	505	449	400	360	329	352	385
80	757	752	744	732	718	699	677	651	594	536	476	417	360	308	261	222	192	215	248
85	347	348	347	346	343	339	333	324	295	264	232	200	169	141	115	93.6	77.0	89.1	107
90	16.1	22.3	29.1	36.1	43.0	49.6	55.6	60.6	56.9	52.2	46.8	40.9	34.7	28.6	22.8	17.6	13.2	14.8	17.4
95	235	244	252	259	264	268	269	267	247	225	201	177	153	131	110	93.1	79.7	92.2	109
100	454	457	458	456	453	447	438	427	395	362	328	294	261	231	203	181	164	181	204
105	607	602	596	587	575	561	545	527	493	458	423	388	355	325	299	277	260	276	296
110	726	713	697	678	656	633	607	581	550	519	488	459	432	408	387	370	359	371	388
115	777	766	752	735	717	696	675	652	625	597	571	545	521	500	482	467	457	469	484
120	815	807	797	785	771	755	739	721	698	674	651	629	608	590	574	561	552	562	576
125	867	860	851	840	828	814	799	783	763	743	724	705	688	672	659	648	641	650	662
130	915	908	899	889	877	865	851	837	821	805	789	774	761	748	738	730	724	731	741
135	955	949	940	930	920	908	896	884	871	859	847	836	826	817	810	804	801	806	814
140	988	982	974	966	957	947	937	927	917	908	900	892	885	879	875	871	870	874	880
145	1013	1009	1004	998	991	984	977	970	963	957	951	946	941	938	934	932	932	935	940
150	1035	1033	1031	1028	1024	1020	1016	1012	1008	1003	999	996	993	990	988	986	986	989	993
155	1059	1058	1057	1056	1054	1053	1051	1049	1046	1044	1041	1039	1037	1035	1034	1033	1032	1035	1038
160	1083	1083	1083	1082	1082	1081	1080	1079	1078	1076	1075	1074	1073	1072	1071	1070	1070	1072	1074
165	1103	1104	1104	1104	1104	1104	1104	1104	1103	1103	1102	1102	1101	1101	1101	1101	1101	1102	1103
170	1119	1119	1120	1120	1120	1121	1121	1121	1121	1121	1121	1121	1121	1121	1121	1122	1122	1122	1123
175	1130	1130	1131	1131	1132	1132	1132	1133	1133	1133	1133	1133	1133	1133	1134	1134	1134	1134	1134
180	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567

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:120.4V I:0.6400A P:76.80W PF:0.9900 Freq:60.00Hz Lamp Flux:10539.2x1 lm																	
NAME: 14代 8FT									TYPE:3500K						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	1617	1617	1617	1617	1617	1617	1617	1617	1617	1617	1616	1616	1616	1616	1616				
5	1610	1609	1609	1609	1608	1608	1608	1608	1608	1608	1608	1608	1608	1608	1608				
10	1590	1590	1589	1589	1590	1590	1590	1590	1591	1591	1591	1592	1593	1593	1594				
15	1557	1557	1558	1559	1560	1561	1562	1563	1565	1566	1568	1569	1571	1573	1575				
20	1513	1514	1516	1518	1521	1524	1527	1529	1532	1535	1538	1541	1544	1548	1552				
25	1456	1459	1463	1467	1472	1477	1482	1487	1492	1496	1502	1507	1513	1519	1525				
30	1389	1394	1400	1406	1414	1422	1431	1439	1447	1455	1464	1473	1482	1492	1503				
35	1311	1319	1328	1339	1351	1364	1377	1389	1401	1414	1427	1441	1456	1471	1487				
40	1227	1239	1253	1269	1286	1305	1325	1341	1357	1375	1393	1412	1431	1451	1471				
45	1136	1152	1172	1194	1218	1244	1270	1291	1313	1335	1358	1381	1405	1429	1454				
50	1034	1057	1083	1113	1144	1177	1212	1238	1264	1291	1318	1346	1373	1402	1430				
55	926	955	989	1026	1065	1106	1148	1179	1210	1241	1272	1303	1334	1365	1397				
60	812	848	888	932	979	1027	1076	1112	1147	1181	1216	1250	1284	1317	1350				
65	688	729	776	827	880	936	992	1031	1070	1108	1146	1183	1220	1255	1291				
70	558	603	655	711	770	831	892	935	978	1019	1060	1099	1138	1176	1214				
75	426	475	531	590	653	718	782	827	870	912	953	993	1031	1069	1105				
80	288	335	388	443	501	559	617	653	686	718	747	774	798	820	840				
85	128	154	182	213	245	277	310	332	353	373	392	411	428	445	461				
90	20.8	24.9	29.6	34.8	40.4	46.2	52.1	56.4	60.8	65.1	69.4	73.8	78.1	82.5	86.8				
95	128	150	174	199	224	248	272	283	292	299	305	308	309	308	305				
100	231	262	296	331	367	403	437	456	472	486	498	507	514	518	521				
105	322	352	385	420	456	492	529	552	573	593	612	629	645	660	673				
110	409	434	462	492	523	556	589	613	636	660	682	705	727	749	770				
115	504	526	551	578	607	636	665	686	706	726	746	765	783	801	819				
120	594	614	636	660	685	711	737	755	772	789	805	821	836	851	865				
125	677	694	713	734	756	778	800	816	832	847	862	877	891	905	919				
130	753	767	783	800	818	836	855	869	883	896	910	924	937	951	964				
135	823	834	846	860	874	889	904	916	928	940	953	965	977	990	1003				
140	888	896	906	917	928	939	951	961	971	981	991	1001	1011	1022	1032				
145	946	953	960	969	977	986	995	1002	1010	1017	1025	1032	1040	1048	1056				
150	997	1002	1008	1014	1021	1027	1034	1039	1045	1050	1055	1061	1066	1071	1076				
155	1041	1045	1049	1053	1058	1063	1067	1071	1075	1078	1082	1085	1089	1092	1096				
160	1076	1079	1082	1084	1087	1091	1094	1096	1098	1101	1103	1105	1108	1110	1112				
165	1104	1106	1108	1109	1111	1113	1114	1116	1117	1118	1120	1121	1122	1123	1124				
170	1124	1125	1126	1126	1127	1128	1129	1129	1130	1131	1131	1132	1132	1132	1133				
175	1135	1135	1135	1136	1136	1136	1137	1137	1137	1137	1137	1137	1137	1137	1137				
180	567	567	567	567	567	567	567	567	567	567	567	567	567	567	567				

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: