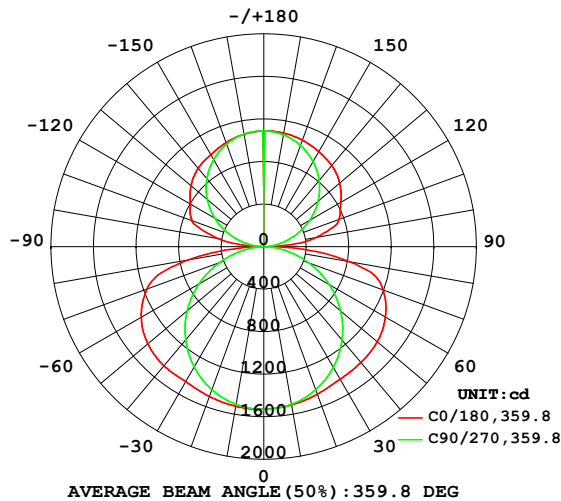


LUMINAIRE PHOTOMETRIC TEST REPORT

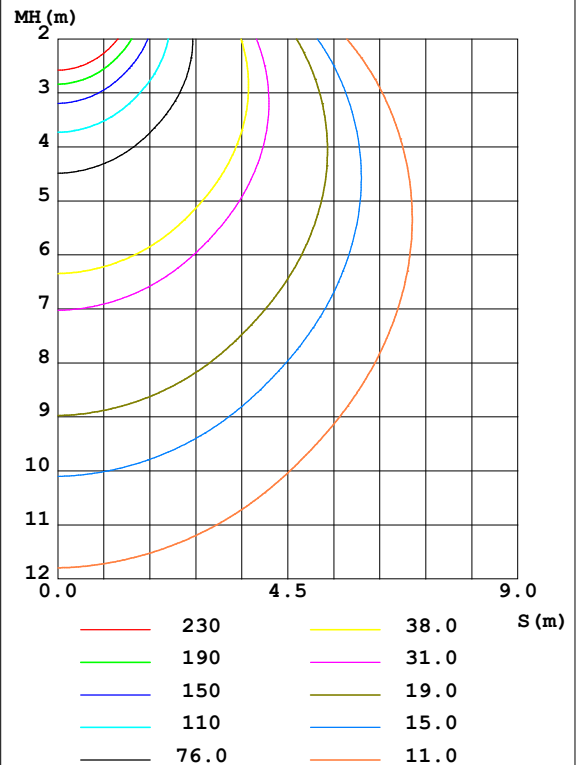
Test:U:120.5V I:0.6600A P:79.20W PF:0.9900 Freq:60.00Hz Lamp Flux:10037x1 lm		
NAME: 14代 8FT	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 126.73 lm/W			
MODEL		I _{max} (cd)	1531	S/MH(C0/180)	1.44
NOMINAL POWER(W)	80W	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	10037	η UP,DN(C0-180)	19.8,30.0
NOMINAL FLUX(lm)	10037	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	20.5,29.6
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:

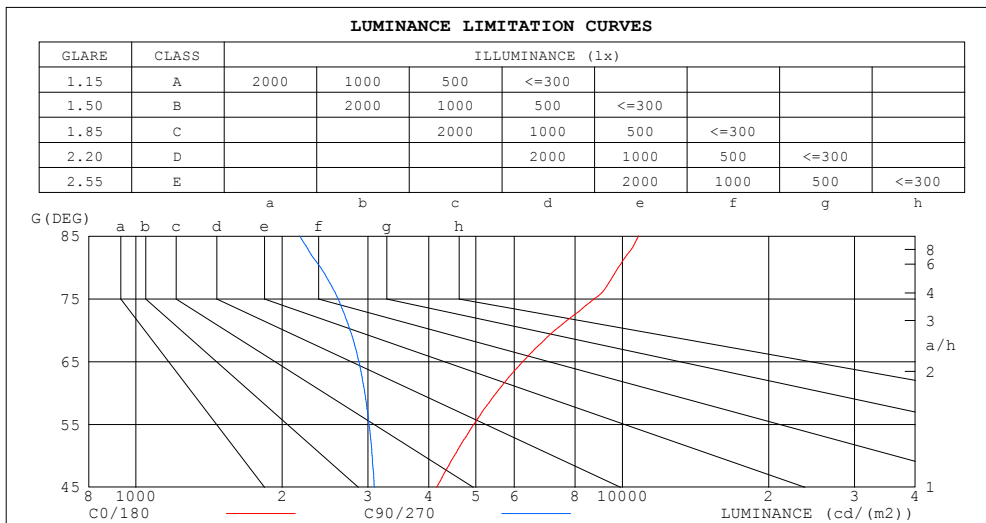
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1511	1506	1505	1518	1524	1517	1505	1506	0- 10	145.2	145.2	1.45,1.45
20	1477	1448	1431	1469	1499	1468	1431	1448	10- 20	420.8	566.0	5.64,5.64
30	1440	1360	1309	1391	1467	1389	1309	1359	20- 30	655.5	1222	12.2,12.2
40	1422	1257	1146	1294	1462	1293	1144	1259	30- 40	833.8	2055	20.5,20.5
50	1394	1153	944.5	1203	1423	1203	941.2	1153	40- 50	949.9	3005	29.9,29.9
60	1321	1033	709.6	1078	1330	1069	705.6	1026	50- 60	988.6	3994	39.8,39.8
70	1194	870.1	452.8	890.5	1169	889.8	444.3	851.9	60- 70	929.7	4923	49.1,49.1
80	818.4	652.6	199.8	644.2	718.3	611.3	182.7	588.6	70- 80	753.5	5677	56.6,56.6
90	86.10	64.48	10.25	65.84	6.491	58.30	13.47	50.65	80- 90	313.2	5990	59.7,59.7
100	496.2	354.3	131.2	340.0	428.8	412.7	157.1	416.5	90-100	199.1	6189	61.7,61.7
110	753.1	556.8	315.5	530.9	719.7	563.7	344.7	561.2	100-110	478.8	6668	66.4,66.4
120	837.1	684.7	499.5	655.6	798.1	697.5	529.6	702.5	110-120	601.0	7269	72.4,72.4
130	932.3	804.7	666.4	774.8	893.1	807.9	694.8	816.0	120-130	659.9	7929	79,79
140	996.2	896.2	810.2	866.2	961.5	892.4	833.7	908.6	130-140	654.7	8584	85.5,85.5
150	1034	976.2	926.9	951.3	999.7	973.0	944.5	989.0	140-150	586.1	9170	91.4,91.4
160	1066	1037	1013	1023	1041	1036	1026	1047	150-160	464.8	9635	96,96
170	1084	1075	1068	1069	1073	1075	1075	1081	160-170	299.1	9934	99,99
180	543.5	543.5	543.5	543.5	543.5	543.5	543.5	543.5	170-180	103.2	10037	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:0.6600A P:79.20W PF:0.9900 Freq:60.00Hz Lamp Flux:10037x1 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	10806	2174
80	9818	2397
75	8762	2605
70	7274	2758
65	6244	2874
60	5505	2957
55	4954	3016
50	4517	3061
45	4157	3093

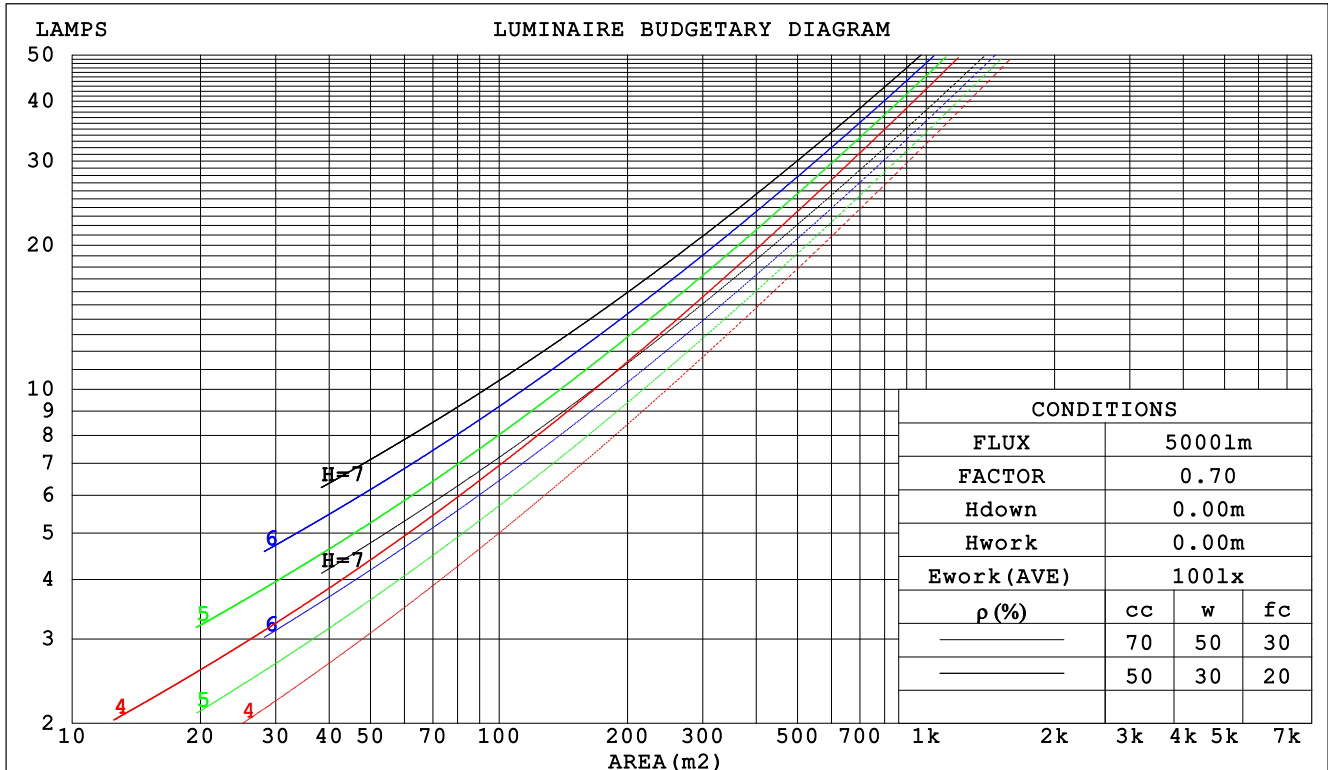
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.6600A P:79.20W PF:0.9900 Freq:60.00Hz Lamp Flux:10037x1 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	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	.88	.84	.87	.83	.79	.75	.72	.69	.64	.62	.60	.55	.53	.51	.47
2.0	.80	.73	.67	.74	.68	.63	.64	.60	.55	.55	.51	.48	.47	.44	.41	.37
3.0	.69	.61	.54	.65	.57	.51	.56	.50	.45	.48	.43	.39	.40	.37	.34	.30
4.0	.61	.52	.45	.57	.49	.43	.49	.43	.38	.42	.37	.33	.35	.32	.28	.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	.28	.24	.21	.18
7.0	.43	.35	.28	.40	.33	.27	.35	.29	.24	.30	.25	.21	.26	.22	.18	.16
8.0	.39	.31	.25	.37	.29	.24	.32	.26	.21	.28	.23	.19	.24	.19	.16	.14
9.0	.36	.28	.22	.33	.26	.21	.29	.23	.19	.25	.20	.17	.22	.18	.15	.12
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:0.6600A P:79.20W PF:0.9900 Freq:60.00Hz Lamp Flux:10037x1 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	.333	.189	.060	.313	.179	.057	.277	.159	.051	.244	.141	.045	.213	.124	.040		
2.0	.301	.165	.051	.283	.156	.048	.250	.139	.043	.220	.123	.039	.192	.108	.034		
3.0	.272	.145	.043	.256	.137	.041	.226	.123	.037	.198	.109	.033	.172	.095	.030		
4.0	.248	.129	.038	.233	.122	.036	.206	.109	.033	.180	.097	.029	.156	.085	.026		
5.0	.227	.116	.034	.214	.110	.032	.188	.098	.029	.165	.087	.026	.143	.076	.023		
6.0	.209	.105	.030	.197	.099	.029	.174	.089	.026	.152	.079	.023	.131	.069	.021		
7.0	.194	.096	.027	.182	.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	.113	.058	.017		
9.0	.168	.081	.023	.159	.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	.498	.498	.498	.425	.425	.425	.290	.290	.290	.167	.167	.167	.053	.053	.053	
1.0	.492	.466	.442	.421	.400	.381	.288	.275	.263	.166	.159	.153	.053	.051	.050	
2.0	.485	.444	.409	.416	.382	.353	.285	.264	.246	.164	.154	.144	.053	.050	.047	
3.0	.478	.428	.387	.410	.369	.336	.282	.256	.236	.163	.150	.139	.052	.049	.045	
4.0	.471	.416	.373	.404	.359	.324	.278	.250	.228	.161	.147	.135	.052	.048	.044	
5.0	.464	.406	.364	.399	.352	.316	.275	.246	.223	.159	.144	.133	.051	.047	.044	
6.0	.458	.399	.357	.393	.345	.311	.271	.242	.220	.157	.142	.131	.051	.047	.043	
7.0	.451	.393	.352	.388	.340	.306	.268	.239	.217	.156	.141	.129	.050	.046	.043	
8.0	.445	.387	.348	.383	.336	.303	.265	.236	.215	.154	.139	.128	.050	.046	.042	
9.0	.439	.383	.345	.378	.332	.301	.262	.234	.213	.153	.138	.127	.049	.045	.042	
10.0	.434	.379	.342	.374	.329	.299	.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:0.6600A P:79.20W PF:0.9900 Freq:60.00Hz Lamp Flux:10037x1 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	16.5	17.6	17.2	18.3	19.3	14.0	15.1	14.8	15.9	16.8
3H	19.3	20.3	20.1	21.1	22.1	15.6	16.6	16.3	17.4	18.3
4H	20.8	21.8	21.6	22.6	23.6	16.2	17.1	17.0	17.9	18.9
6H	22.2	23.1	23.0	23.9	24.9	16.6	17.5	17.4	18.3	19.4
8H	22.7	23.6	23.6	24.4	25.5	16.8	17.6	17.6	18.4	19.5
12H	23.1	23.9	24.0	24.8	25.9	16.8	17.6	17.7	18.5	19.6
4H 2H	17.0	17.9	17.8	18.7	19.7	15.2	16.2	16.0	17.0	18.0
3H	20.0	20.8	20.8	21.7	22.7	17.0	17.8	17.9	18.7	19.8
4H	21.7	22.4	22.6	23.3	24.4	17.8	18.5	18.7	19.4	20.5
6H	23.2	23.9	24.1	24.8	25.9	18.4	19.1	19.3	20.0	21.1
8H	23.9	24.5	24.8	25.4	26.5	18.6	19.2	19.5	20.1	21.3
12H	24.4	24.9	25.3	25.8	27.0	18.7	19.3	19.6	20.2	21.3
8H 4H	22.0	22.5	22.8	23.4	24.6	18.9	19.5	19.8	20.4	21.5
6H	23.8	24.3	24.7	25.2	26.3	19.9	20.4	20.8	21.3	22.5
8H	24.6	25.0	25.5	25.9	27.1	20.2	20.6	21.1	21.6	22.8
12H	25.2	25.6	26.2	26.5	27.8	20.4	20.8	21.4	21.7	22.9
12H 4H	21.9	22.5	22.8	23.4	24.6	19.2	19.7	20.1	20.6	21.8
6H	23.8	24.3	24.8	25.2	26.4	20.3	20.8	21.3	21.7	22.9
8H	24.7	25.1	25.6	26.0	27.2	20.8	21.2	21.7	22.1	23.3
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 10037 lm Total Lamp Luminous Flux.(8log(F/F0) = 8.0)

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:0.6600A P:79.20W PF:0.9900 Freq:60.00Hz Lamp Flux:10037x1 lm		
NAME: 14代 8FT	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

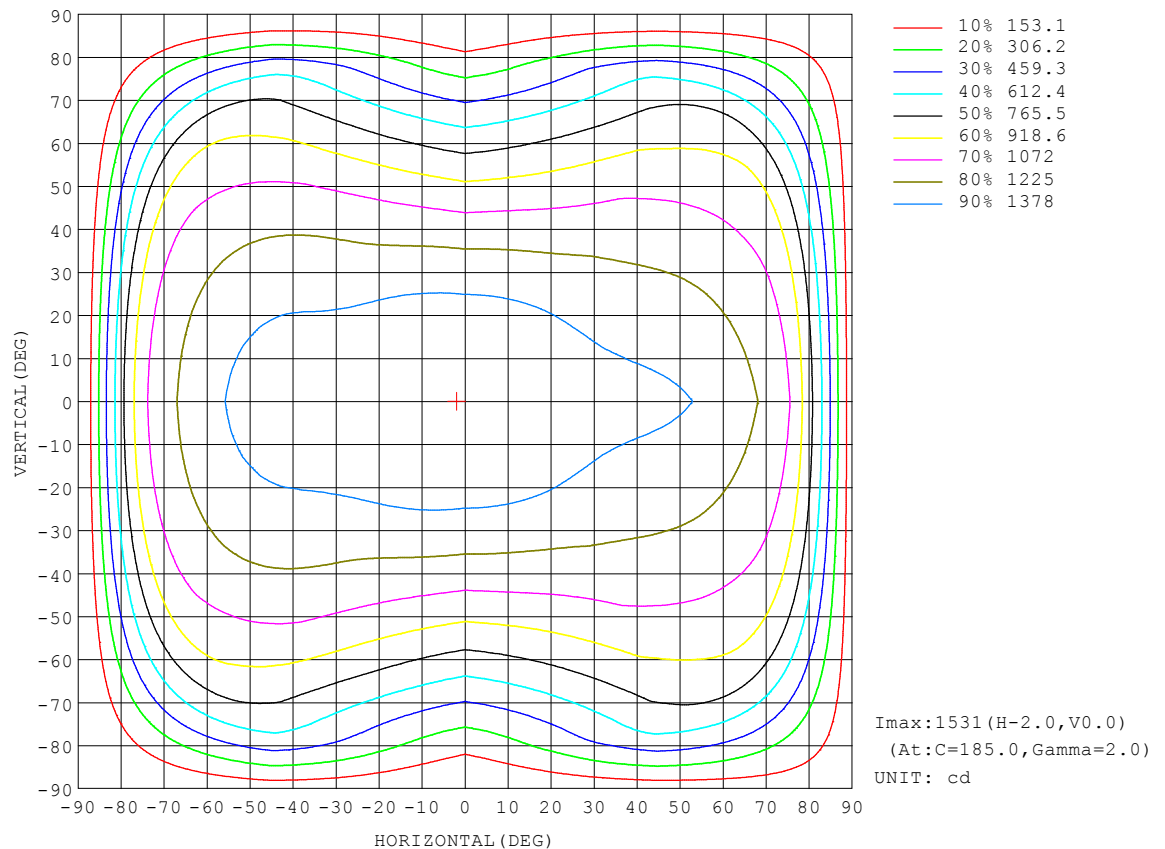
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	43	31	24	41	30	24	37	28	22	15
0.80	52	40	32	49	38	31	44	35	29	19
1.00	60	47	39	57	45	38	50	43	35	24
1.25	67	55	47	63	52	45	56	47	41	28
1.50	72	61	52	68	58	50	60	52	46	31
2.00	80	69	62	75	66	59	66	58	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	75	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:0.6600A P:79.20W PF:0.9900 Freq:60.00Hz Lamp Flux:10037x1 lm		
NAME: 14代 8FT	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

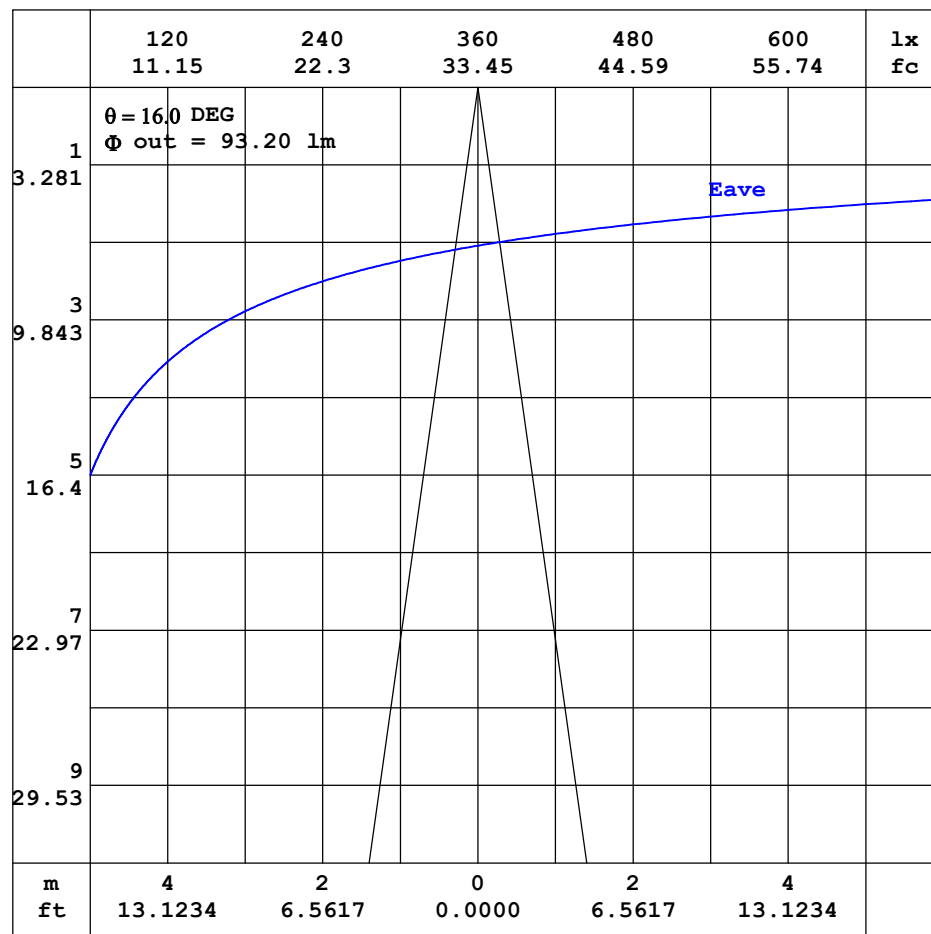


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.6600A P:79.20W PF:0.9900 Freq:60.00Hz Lamp Flux:10037x1 lm		
NAME: 14代 8FT	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:



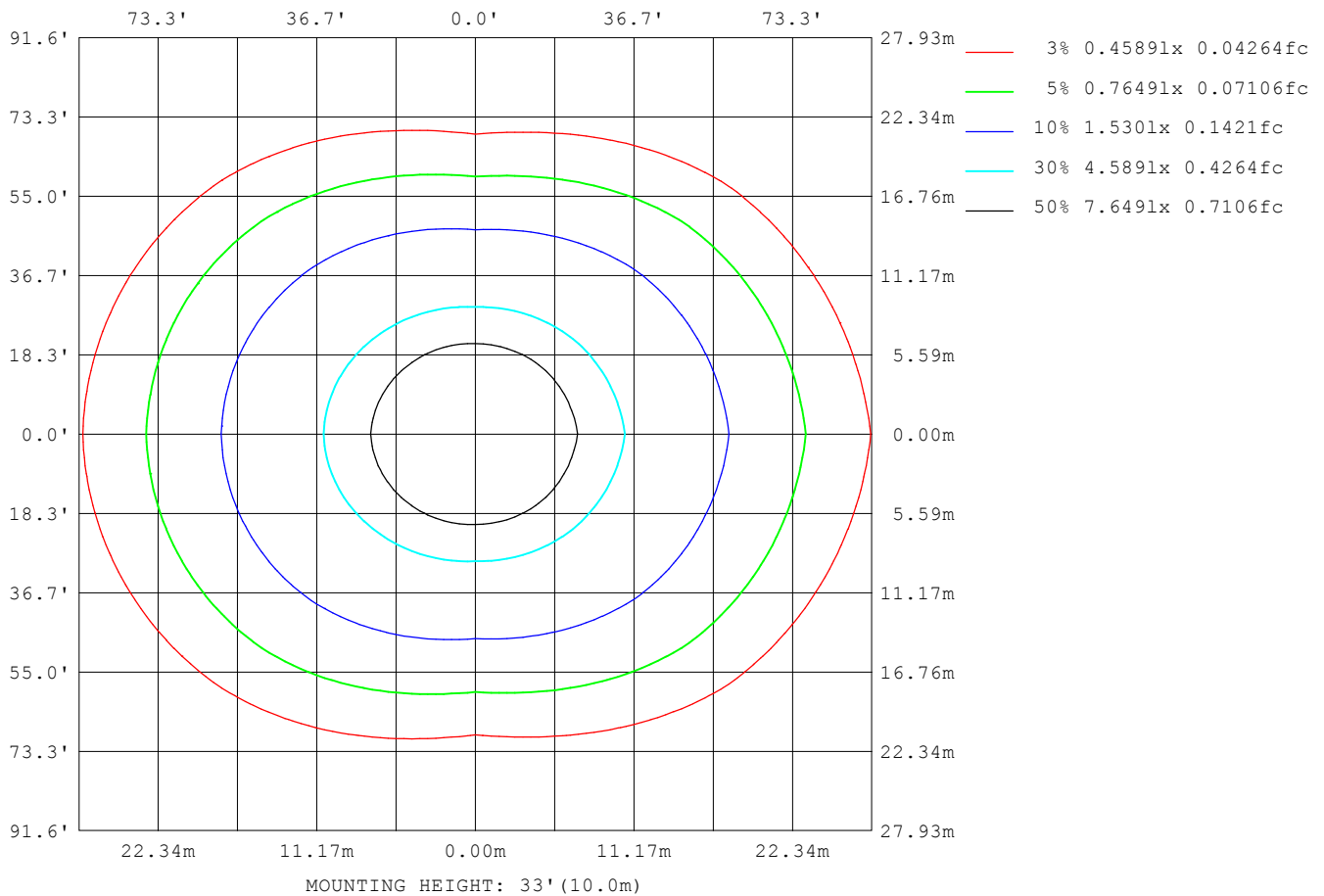
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.6600A P:79.20W PF:0.9900 Freq:60.00Hz Lamp Flux:10037x1 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:0.6600A P:79.20W PF:0.9900 Freq:60.00Hz Lamp Flux:10037x1 lm		
NAME: 14代 8FT	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

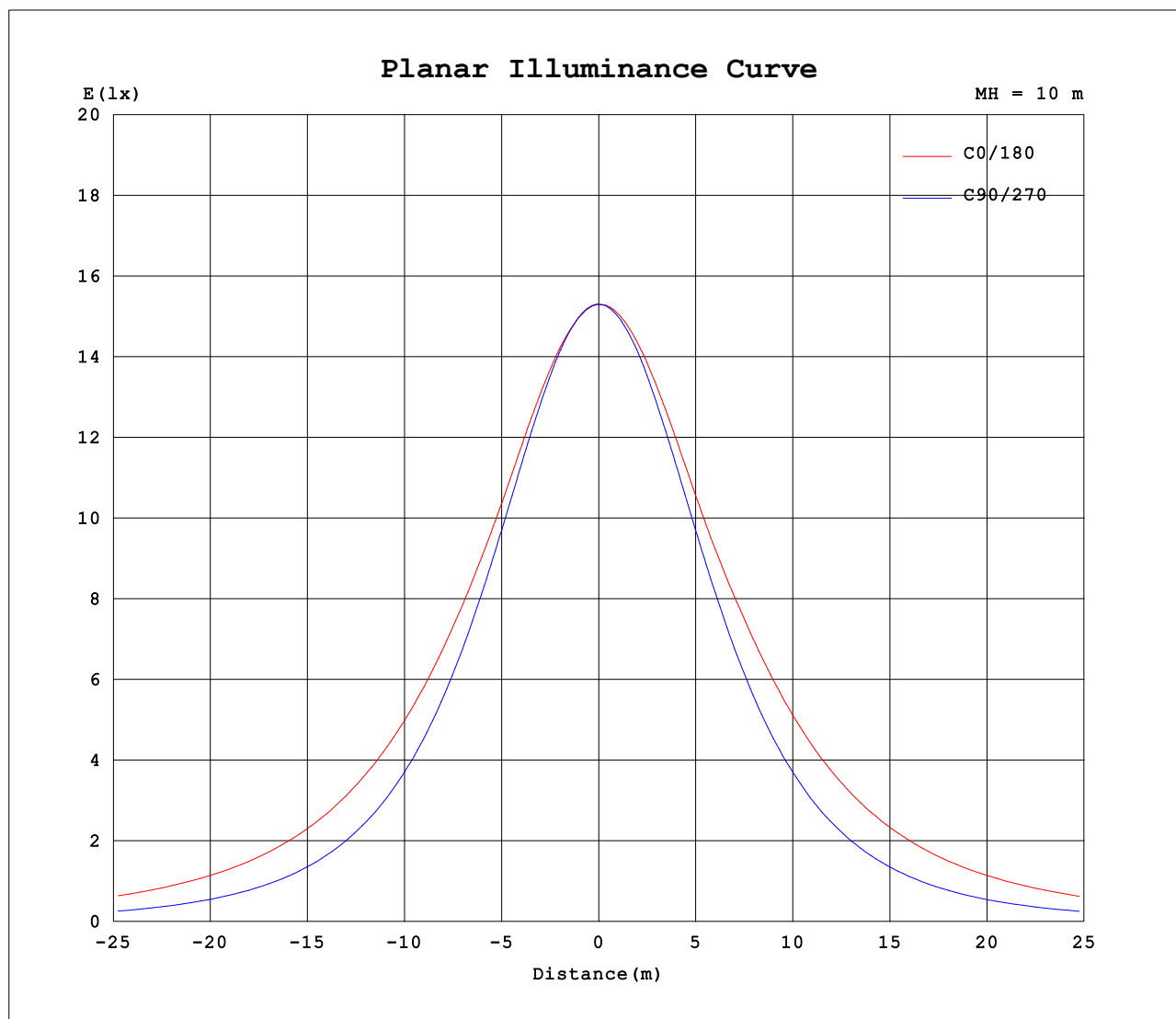
AvgL	cd/m2
L_0~180 (65) av	6225
L_0~180 (75) av	8518
L_0~180 (85) av	9271
L_90~270 (65) av	2858
L_90~270 (75) av	2553
L_90~270 (85) av	1968
L_45 (65) av	4784
L_45 (75) av	6194
L_45 (85) av	8228

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:0.6600A P:79.20W PF:0.9900 Freq:60.00Hz Lamp Flux:10037x1 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	1530	1530	1530	1530	1530	1530	1530	1530	1530	1530	1530	1530	1531	1531	1531	1531	1531	1531	1531
5	1522	1522	1523	1523	1523	1523	1523	1523	1523	1523	1523	1523	1523	1523	1524	1524	1524	1524	1524
10	1511	1510	1510	1509	1508	1508	1507	1507	1506	1506	1506	1505	1505	1505	1505	1505	1505	1505	1505
15	1496	1494	1492	1490	1488	1486	1485	1483	1482	1481	1479	1478	1477	1476	1475	1474	1474	1474	1474
20	1477	1473	1469	1466	1463	1459	1456	1453	1451	1448	1445	1442	1439	1436	1434	1432	1431	1431	1431
25	1455	1449	1443	1438	1432	1427	1422	1417	1413	1408	1403	1397	1392	1388	1384	1380	1378	1376	1376
30	1440	1429	1419	1410	1401	1392	1383	1375	1368	1360	1351	1343	1335	1328	1322	1317	1313	1310	1309
35	1431	1415	1399	1385	1370	1357	1344	1331	1319	1308	1295	1282	1271	1260	1251	1244	1238	1234	1233
40	1422	1401	1381	1361	1342	1324	1306	1289	1273	1257	1239	1221	1204	1189	1176	1164	1156	1149	1146
45	1411	1386	1361	1337	1314	1291	1269	1248	1227	1206	1181	1157	1134	1113	1094	1078	1065	1055	1050
50	1394	1365	1337	1310	1283	1256	1230	1204	1178	1153	1121	1089	1059	1031	1006	984	966	953	945
55	1364	1334	1304	1274	1245	1215	1185	1156	1126	1096	1056	1017	979	943	911	883	860	842	830
60	1321	1291	1260	1229	1197	1165	1133	1100	1066	1033	985	938	893	850	811	776	747	725	710
65	1267	1235	1203	1171	1137	1103	1067	1031	994	957	903	849	797	748	703	662	628	601	583
70	1194	1163	1130	1097	1062	1026	989	950	911	870	811	752	695	640	589	544	505	474	453
75	1088	1060	1030	998	965	930	893	855	815	773	711	648	587	528	473	424	382	348	324
80	818	814	806	795	780	762	740	714	685	653	595	535	475	416	361	310	265	227	200
85	452	457	459	459	455	448	438	426	410	392	355	316	277	238	201	166	136	110	90.9
90	86.1	85.3	84.1	82.5	80.5	78.1	75.3	72.1	68.5	64.5	57.5	50.2	43.0	35.9	29.3	23.2	17.8	13.5	10.2
95	286	273	260	247	234	221	208	195	182	169	152	135	119	103	89.3	77.0	66.6	58.6	53.2
100	496	484	472	458	443	427	411	393	374	354	324	294	264	235	208	183	162	144	131
105	653	641	627	613	596	579	560	539	517	494	458	420	384	348	315	284	258	236	220
110	753	733	713	693	671	650	627	604	581	557	523	489	457	425	396	370	347	329	315
115	796	778	759	740	720	700	680	659	638	617	588	559	530	503	478	456	436	420	409
120	837	822	806	790	773	757	739	721	703	685	659	633	608	584	562	542	524	510	499
125	888	874	859	844	829	814	798	782	766	749	726	703	681	660	641	623	608	595	586
130	932	919	905	891	877	863	848	834	819	805	785	766	747	729	713	698	685	674	666
135	969	956	943	929	916	903	891	878	865	852	837	821	806	792	779	767	757	749	743
140	996	984	973	961	950	939	928	917	907	896	884	871	860	849	839	829	822	815	810
145	1016	1007	998	989	980	971	963	954	946	938	928	919	910	902	894	887	881	876	872
150	1034	1027	1020	1014	1007	1001	995	988	982	976	969	962	956	949	944	938	934	930	927
155	1051	1046	1042	1037	1032	1028	1023	1019	1014	1010	1005	1000	995	991	986	983	979	976	974
160	1066	1063	1059	1056	1053	1050	1047	1043	1040	1037	1034	1031	1027	1024	1022	1019	1017	1015	1013
165	1077	1075	1073	1071	1069	1067	1065	1063	1061	1059	1057	1055	1053	1052	1050	1048	1047	1046	1045
170	1084	1083	1082	1081	1080	1079	1078	1077	1076	1075	1074	1073	1072	1071	1071	1070	1069	1069	1068
175	1089	1089	1088	1088	1087	1087	1087	1086	1086	1085	1085	1085	1085	1084	1084	1084	1084	1083	1083
180	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544

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:0.6600A P:79.20W PF:0.9900 Freq:60.00Hz Lamp Flux:10037x1 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	1531	1531	1531	1530	1530	1530	1530	1530	1530	1530	1530	1530	1530	1530	1530	1530	1530	1530	1530
5	1525	1525	1526	1526	1527	1527	1528	1528	1529	1529	1529	1529	1529	1530	1530	1530	1530	1530	1530
10	1506	1508	1509	1510	1512	1513	1515	1516	1518	1519	1520	1521	1522	1523	1523	1524	1524	1524	1524
15	1476	1478	1481	1483	1486	1489	1492	1495	1498	1500	1503	1505	1507	1509	1510	1512	1513	1513	1513
20	1433	1437	1441	1445	1449	1454	1459	1464	1469	1474	1478	1483	1486	1490	1493	1496	1497	1499	1497
25	1379	1384	1390	1396	1403	1410	1418	1426	1434	1441	1448	1455	1462	1467	1472	1477	1480	1482	1480
30	1314	1321	1329	1338	1347	1358	1369	1380	1391	1403	1414	1424	1434	1443	1451	1458	1463	1467	1463
35	1239	1248	1258	1270	1283	1297	1312	1328	1344	1362	1379	1396	1412	1426	1439	1450	1459	1465	1458
40	1154	1165	1178	1194	1211	1230	1251	1272	1294	1318	1342	1365	1387	1408	1426	1441	1453	1462	1453
45	1061	1076	1094	1115	1139	1165	1192	1220	1249	1278	1307	1335	1361	1385	1406	1424	1438	1448	1439
50	959	979	1004	1032	1063	1096	1131	1167	1203	1236	1269	1300	1329	1355	1378	1398	1413	1423	1413
55	849	874	904	938	976	1017	1060	1103	1146	1184	1220	1255	1286	1315	1339	1360	1375	1385	1375
60	731	760	795	836	881	928	978	1028	1078	1119	1158	1194	1228	1258	1283	1304	1320	1330	1319
65	607	639	679	724	774	827	882	938	994	1038	1079	1118	1153	1184	1211	1233	1249	1259	1248
70	478	512	554	602	655	712	771	831	890	937	980	1021	1058	1091	1119	1142	1159	1169	1159
75	350	385	429	480	535	594	655	717	778	821	861	898	932	961	985	1005	1019	1028	1020
80	228	266	311	362	417	475	533	590	644	667	686	701	712	719	723	724	723	718	718
85	112	138	170	205	241	279	317	352	385	388	388	384	378	369	359	348	336	324	324
90	15.1	21.0	27.7	34.8	42.0	49.0	55.5	61.2	65.8	60.8	54.6	47.7	40.2	32.6	25.1	18.0	11.7	6.49	10.6
95	61.2	71.6	84.2	98.3	114	129	146	161	177	183	188	192	195	198	201	203	205	208	217
100	143	160	180	203	229	256	285	313	340	356	370	382	393	403	412	419	424	429	435
105	234	254	278	307	338	371	405	440	473	494	513	530	545	559	570	579	585	589	590
110	326	341	360	384	410	438	468	499	531	559	586	612	637	659	679	696	710	720	714
115	417	429	445	464	485	509	535	561	588	613	638	663	685	707	726	742	755	765	761
120	506	517	531	548	567	588	610	632	656	676	697	716	734	751	766	779	790	798	796
125	591	600	612	626	642	660	679	698	718	737	755	773	789	805	818	830	840	848	845
130	671	678	687	698	711	726	742	758	775	791	808	824	839	853	866	877	886	893	890
135	745	750	757	765	774	785	797	810	823	838	852	867	881	894	906	916	925	932	929
140	811	814	818	824	830	838	847	856	866	879	891	904	916	927	938	947	955	962	959
145	872	873	876	879	884	889	895	902	909	918	928	937	946	955	964	971	977	982	981
150	927	928	929	932	935	938	942	947	951	957	963	970	976	982	987	992	996	1000	999
155	974	974	976	977	979	981	984	987	990	994	997	1001	1004	1008	1011	1014	1017	1019	1019
160	1013	1013	1014	1015	1016	1017	1019	1021	1023	1025	1027	1029	1032	1034	1036	1038	1039	1041	1041
165	1045	1045	1045	1045	1045	1046	1047	1048	1049	1050	1051	1052	1054	1055	1056	1058	1059	1060	1060
170	1068	1068	1068	1068	1068	1068	1068	1068	1069	1069	1069	1070	1071	1071	1072	1072	1073	1073	1074
175	1083	1083	1083	1083	1082	1082	1082	1082	1082	1082	1082	1082	1082	1083	1083	1083	1083	1083	1083
180	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544

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:0.6600A P:79.20W PF:0.9900 Freq:60.00Hz Lamp Flux:10037x1 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	1530	1530	1530	1530	1530	1530	1530	1530	1530	1530	1531	1531	1531	1531	1531	1531	1531	1531	1531
5	1530	1530	1530	1529	1529	1529	1529	1528	1528	1527	1527	1526	1526	1526	1525	1525	1524	1524	1524
10	1523	1523	1522	1521	1520	1519	1518	1517	1515	1514	1513	1511	1510	1509	1507	1506	1505	1505	1505
15	1511	1510	1508	1506	1504	1502	1499	1497	1494	1491	1488	1485	1483	1480	1478	1476	1474	1474	1474
20	1495	1492	1489	1485	1481	1477	1472	1468	1463	1458	1453	1448	1444	1440	1436	1433	1431	1431	1431
25	1476	1472	1466	1460	1454	1447	1439	1432	1424	1416	1409	1402	1395	1389	1384	1379	1376	1376	1378
30	1457	1450	1442	1433	1422	1412	1400	1389	1378	1366	1356	1346	1336	1327	1320	1314	1309	1310	1312
35	1449	1438	1424	1409	1393	1376	1358	1341	1325	1309	1294	1280	1267	1255	1245	1237	1231	1233	1237
40	1441	1425	1407	1387	1365	1341	1317	1293	1271	1249	1229	1210	1192	1176	1163	1152	1144	1147	1154
45	1425	1408	1387	1363	1337	1310	1281	1252	1223	1194	1166	1140	1116	1094	1075	1060	1049	1054	1064
50	1398	1379	1356	1329	1300	1269	1236	1203	1166	1130	1095	1061	1029	1001	976	956	941	949	963
55	1358	1337	1312	1283	1251	1216	1180	1142	1098	1055	1012	972	934	899	870	845	827	839	856
60	1302	1280	1253	1222	1188	1151	1111	1069	1020	970	921	874	830	790	755	727	706	720	743
65	1231	1208	1180	1148	1112	1072	1030	986	930	874	819	766	717	672	633	600	577	594	621
70	1142	1119	1091	1058	1021	980	936	890	830	769	709	652	598	548	505	470	444	464	493
75	1006	987	963	934	901	864	823	780	718	655	592	532	474	422	376	339	311	333	365
80	715	710	702	690	676	658	637	611	558	503	447	392	339	290	247	210	183	205	236
85	324	325	324	323	321	317	311	303	276	247	217	188	159	133	109	89.0	73.7	85.8	103
90	15.7	21.7	28.1	34.9	41.5	47.8	53.5	58.3	54.8	50.4	45.3	39.7	33.9	28.1	22.6	17.7	13.5	15.1	17.6
95	226	234	242	249	254	258	259	258	238	217	194	171	148	126	107	89.9	76.8	88.7	104
100	439	442	443	441	438	432	424	413	382	350	317	284	252	222	196	174	157	173	195
105	588	584	578	569	557	544	528	510	477	443	409	375	343	314	288	266	250	264	283
110	705	692	676	658	637	614	589	564	533	503	473	444	418	394	373	357	345	356	371
115	754	743	730	714	696	676	655	632	606	579	552	527	504	482	464	449	439	449	464
120	791	783	773	761	747	732	715	698	675	652	629	607	586	568	552	539	530	539	552
125	840	833	824	813	801	787	772	756	737	717	698	680	662	647	634	623	615	623	634
130	886	879	870	860	848	835	822	808	792	776	760	746	732	719	709	701	695	701	710
135	924	917	909	899	888	877	864	852	839	827	815	804	794	785	777	771	767	772	779
140	954	948	941	932	923	913	903	892	883	874	866	858	851	845	840	836	834	838	843
145	977	973	968	961	955	947	940	933	926	920	914	909	904	900	896	894	893	896	901
150	998	996	993	989	986	982	977	973	969	964	960	956	953	950	947	945	945	947	951
155	1019	1018	1017	1016	1014	1012	1010	1008	1005	1002	1000	997	995	993	991	990	989	991	994
160	1041	1041	1041	1040	1039	1038	1037	1036	1035	1033	1032	1030	1029	1028	1027	1027	1026	1028	1029
165	1060	1060	1060	1060	1060	1060	1059	1059	1058	1058	1057	1056	1056	1056	1055	1055	1055	1056	1057
170	1074	1074	1074	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1075	1076	1076
175	1084	1084	1084	1084	1085	1085	1085	1086	1086	1086	1086	1086	1086	1086	1086	1086	1086	1086	1087
180	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544

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:0.6600A P:79.20W PF:0.9900 Freq:60.00Hz Lamp Flux:10037x1 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	1531	1530	1530	1530	1530	1530	1530	1530	1530	1530	1530	1530	1530	1530	1530				
5	1523	1523	1523	1523	1523	1523	1522	1522	1522	1522	1522	1522	1522	1522	1522				
10	1504	1504	1504	1505	1505	1505	1506	1506	1506	1507	1507	1508	1509	1509	1510				
15	1474	1475	1476	1477	1478	1479	1481	1482	1484	1485	1487	1488	1490	1492	1494				
20	1432	1434	1436	1439	1441	1445	1448	1450	1453	1456	1459	1462	1466	1469	1473				
25	1380	1383	1387	1391	1396	1401	1407	1411	1416	1421	1426	1431	1437	1443	1449				
30	1316	1321	1327	1334	1342	1350	1359	1367	1374	1383	1391	1400	1409	1419	1429				
35	1243	1251	1260	1271	1282	1295	1308	1320	1332	1344	1357	1371	1385	1400	1415				
40	1164	1175	1189	1205	1222	1240	1259	1275	1291	1308	1326	1344	1363	1382	1402				
45	1077	1094	1113	1134	1158	1182	1208	1228	1249	1271	1293	1315	1338	1362	1386				
50	981	1003	1029	1057	1088	1120	1153	1178	1204	1230	1256	1283	1310	1338	1365				
55	880	908	940	976	1014	1053	1094	1124	1153	1183	1213	1243	1273	1304	1334				
60	771	806	845	887	932	979	1026	1060	1094	1127	1160	1193	1226	1258	1290				
65	654	694	739	787	839	892	946	984	1021	1058	1094	1130	1165	1200	1233				
70	531	575	624	678	735	793	852	893	934	973	1012	1050	1087	1124	1159				
75	405	453	506	563	623	685	747	790	832	872	911	949	985	1021	1055				
80	275	320	370	423	478	534	589	623	655	685	712	738	761	783	802				
85	124	148	175	205	235	266	297	318	338	357	375	392	408	424	438				
90	20.9	24.8	29.4	34.3	39.6	45.1	50.6	54.7	58.7	62.7	66.6	70.6	74.5	78.4	82.2				
95	123	144	167	191	214	238	260	271	279	286	291	294	295	294	291				
100	221	250	282	316	350	384	417	434	450	463	474	483	490	494	496				
105	308	336	367	400	434	469	503	525	545	565	582	599	614	628	641				
110	391	415	441	469	499	530	561	584	606	628	650	671	692	713	733				
115	482	503	526	552	579	606	634	654	673	692	710	728	746	763	780				
120	568	587	608	630	654	678	703	719	736	752	767	782	797	811	824				
125	648	664	682	701	722	742	763	778	793	808	822	836	849	863	876				
130	721	734	749	764	781	798	816	829	842	855	868	881	894	907	920				
135	788	798	809	822	835	849	863	875	886	897	909	921	933	945	957				
140	850	858	867	876	887	897	909	918	927	936	946	956	966	976	986				
145	906	912	919	926	934	942	951	958	965	972	979	986	993	1001	1008				
150	955	960	965	971	977	983	989	994	999	1004	1009	1014	1019	1024	1029				
155	997	1001	1004	1008	1013	1017	1021	1025	1028	1031	1035	1038	1041	1045	1048				
160	1031	1034	1036	1039	1041	1044	1047	1049	1051	1054	1056	1058	1060	1062	1064				
165	1058	1059	1061	1062	1064	1065	1067	1068	1069	1070	1072	1073	1074	1075	1076				
170	1077	1077	1078	1079	1079	1080	1081	1081	1082	1082	1082	1083	1083	1084	1084				
175	1087	1087	1087	1088	1088	1088	1088	1088	1088	1089	1089	1089	1089	1089	1089				
180	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544				

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: