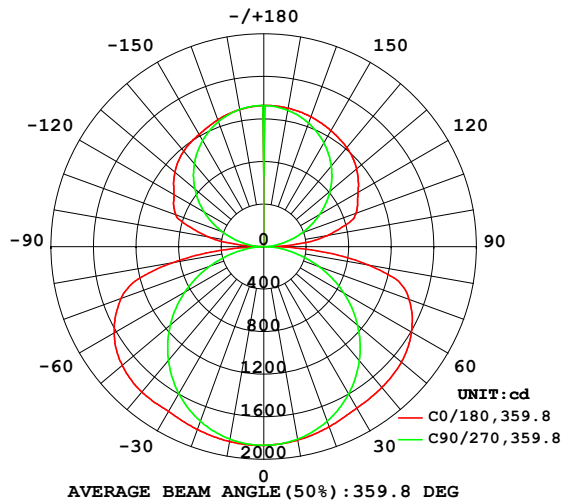


LUMINAIRE PHOTOMETRIC TEST REPORT

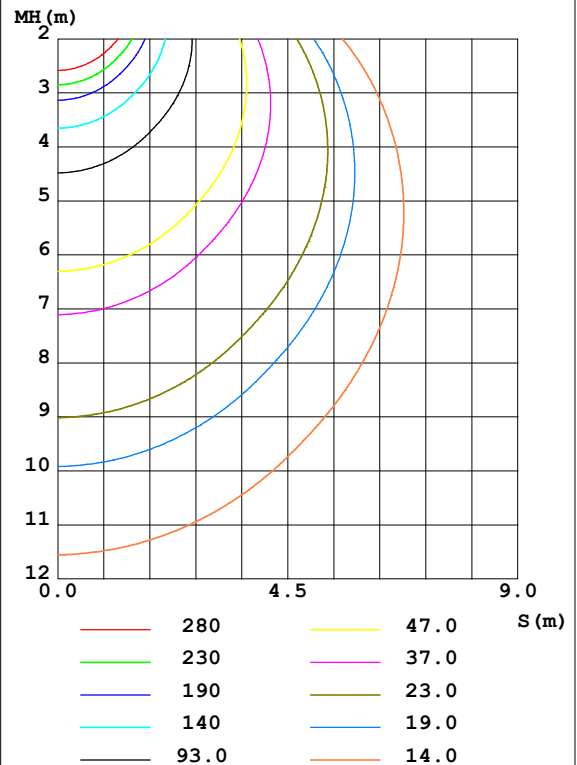
Test:U:120.4V I:0.8320A P:100.0W PF:0.9900 Freq:60.00Hz Lamp Flux:12244.6x1 lm		
NAME: 14代 8FT	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 122.45 lm/W			
MODEL		I _{max} (cd)	1870	S/MH(C0/180)	1.44
NOMINAL POWER(W)	100W	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	12245	η UP,DN(C0-180)	19.8,30.0
NOMINAL FLUX(lm)	12244.6	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:

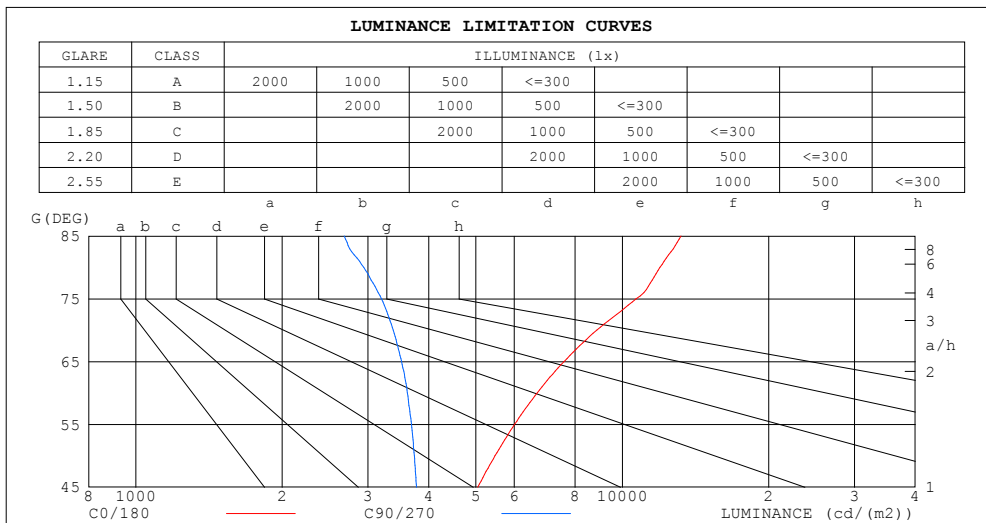
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1846	1841	1837	1851	1861	1852	1837	1837	0- 10	177.2	177.2	1.45,1.45
20	1802	1769	1746	1792	1829	1792	1746	1767	10- 20	513.7	690.9	5.64,5.64
30	1753	1661	1598	1698	1790	1695	1597	1657	20- 30	799.9	1491	12.2,12.2
40	1728	1534	1398	1579	1785	1579	1396	1535	30- 40	1017	2508	20.5,20.5
50	1690	1404	1153	1468	1737	1469	1148	1405	40- 50	1158	3666	29.9,29.9
60	1604	1254	868.1	1317	1624	1307	860.1	1249	50- 60	1205	4871	39.8,39.8
70	1454	1056	555.3	1088	1428	1087	541.0	1037	60- 70	1133	6004	49,49
80	996.1	794.8	245.1	786.3	869.3	747.1	221.9	717.3	70- 80	918.8	6923	56.5,56.5
90	96.23	78.18	13.13	80.33	7.879	71.57	15.61	60.66	80- 90	382.4	7306	59.7,59.7
100	605.2	432.7	159.8	415.6	524.7	503.8	192.2	509.4	90-100	243.1	7549	61.6,61.6
110	923.0	680.7	384.5	649.1	880.8	688.3	419.9	686.9	100-110	585.6	8134	66.4,66.4
120	1025	835.9	609.6	801.1	975.7	851.1	645.5	858.1	110-120	734.4	8869	72.4,72.4
130	1139	981.8	812.8	945.9	1091	985.1	846.8	996.2	120-130	805.7	9674	79,79
140	1216	1093	988.2	1056	1173	1088	1016	1108	130-140	798.8	10473	85.5,85.5
150	1261	1189	1130	1160	1219	1186	1151	1206	140-150	714.6	11188	91.4,91.4
160	1300	1264	1236	1247	1270	1263	1251	1276	150-160	566.6	11754	96,96
170	1322	1309	1302	1302	1309	1310	1310	1317	160-170	364.6	12119	99,99
180	662.8	662.8	662.8	662.8	662.8	662.8	662.8	662.8	170-180	125.8	12245	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:0.8320A P:100.0W PF:0.9900 Freq:60.00Hz Lamp Flux:12244.6x1 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	13200	2680
80	11951	2941
75	10684	3200
70	8859	3382
65	7590	3519
60	6683	3617
55	6009	3686
50	5478	3737
45	5047	3775

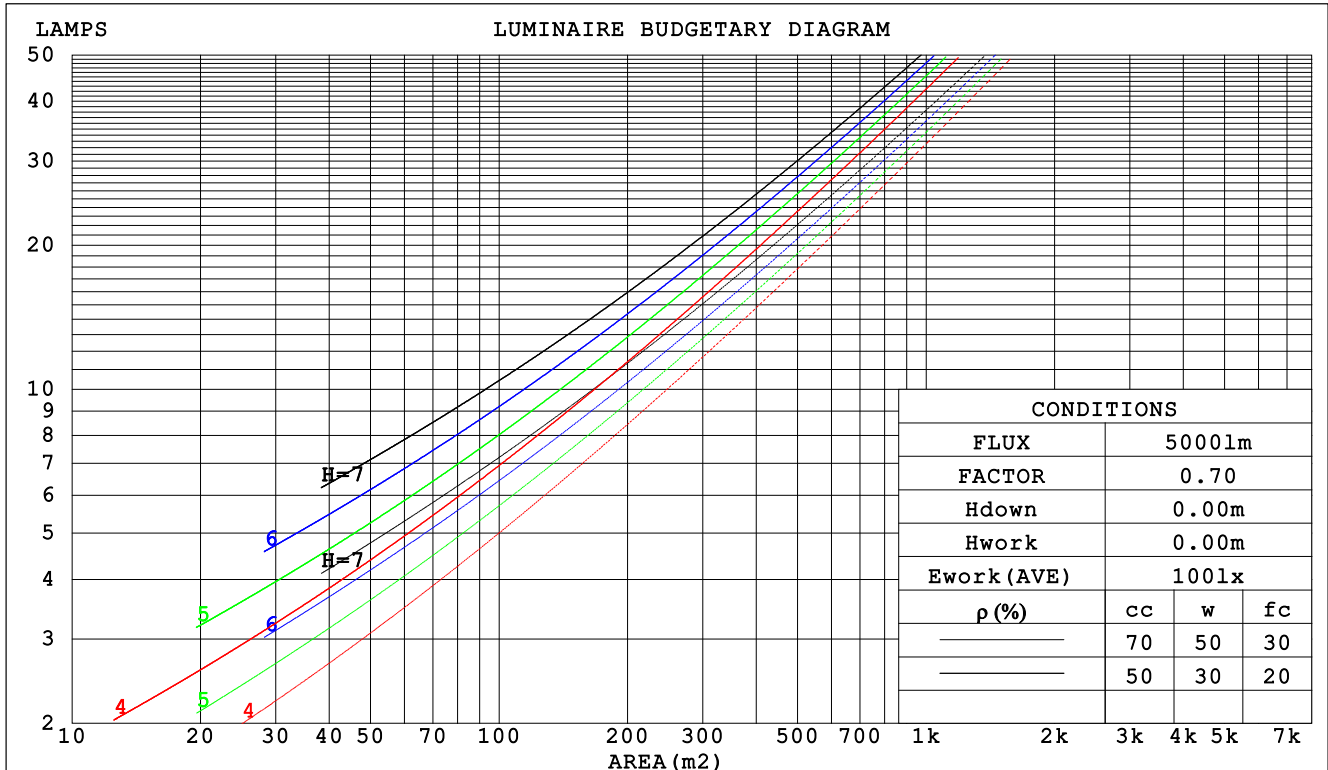
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.8320A P:100.0W PF:0.9900 Freq:60.00Hz Lamp Flux:12244.6x1 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	.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:120.4V I:0.8320A P:100.0W PF:0.9900 Freq:60.00Hz Lamp Flux:12244.6x1 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	.300	.165	.051	.283	.156	.048	.250	.139	.043	.220	.123	.039	.191	.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	.247	.164	.154	.145	.053	.050	.047	
3.0	.479	.428	.388	.410	.369	.336	.282	.256	.236	.163	.150	.139	.052	.049	.046	
4.0	.472	.416	.373	.405	.359	.324	.278	.250	.228	.161	.147	.135	.052	.048	.044	
5.0	.465	.407	.364	.399	.352	.316	.275	.246	.223	.159	.144	.133	.051	.047	.044	
6.0	.458	.399	.357	.393	.346	.311	.271	.242	.220	.157	.142	.131	.051	.047	.043	
7.0	.451	.393	.352	.388	.340	.307	.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	.214	.153	.138	.127	.049	.045	.042	
10.0	.434	.379	.343	.374	.329	.299	.259	.232	.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:120.4V I:0.8320A P:100.0W PF:0.9900 Freq:60.00Hz Lamp Flux:12244.6x1 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	17.1	18.2	17.9	19.0	19.9	14.7	15.8	15.4	16.6	17.5
3H	20.0	21.0	20.8	21.8	22.8	16.2	17.2	17.0	18.0	19.0
4H	21.5	22.4	22.3	23.3	24.3	16.9	17.8	17.7	18.6	19.6
6H	22.9	23.7	23.7	24.6	25.6	17.3	18.2	18.1	19.0	20.1
8H	23.4	24.2	24.2	25.1	26.1	17.5	18.3	18.3	19.1	20.2
12H	23.8	24.6	24.6	25.5	26.5	17.5	18.3	18.4	19.2	20.3
4H 2H	17.6	18.6	18.4	19.4	20.4	15.9	16.8	16.7	17.7	18.7
3H	20.7	21.5	21.5	22.3	23.4	17.7	18.5	18.5	19.4	20.4
4H	22.4	23.1	23.2	24.0	25.0	18.5	19.2	19.4	20.1	21.2
6H	23.9	24.6	24.8	25.4	26.6	19.1	19.8	20.0	20.7	21.8
8H	24.5	25.1	25.4	26.0	27.2	19.3	19.9	20.2	20.8	21.9
12H	25.1	25.6	26.0	26.5	27.7	19.4	20.0	20.3	20.9	22.0
8H 4H	22.6	23.2	23.5	24.1	25.3	19.6	20.2	20.5	21.1	22.2
6H	24.4	24.9	25.4	25.9	27.0	20.5	21.0	21.5	22.0	23.1
8H	25.2	25.7	26.2	26.6	27.8	20.9	21.3	21.8	22.3	23.4
12H	25.9	26.3	26.8	27.2	28.4	21.1	21.5	22.0	22.4	23.6
12H 4H	22.6	23.2	23.5	24.1	25.2	19.9	20.4	20.8	21.3	22.5
6H	24.5	24.9	25.4	25.9	27.1	21.0	21.5	21.9	22.4	23.6
8H	25.4	25.7	26.3	26.7	27.9	21.5	21.9	22.4	22.8	24.0
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 12245 lm Total Lamp Luminous Flux.(8log(F/F0) = 8.7)

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:0.8320A P:100.0W PF:0.9900 Freq:60.00Hz Lamp Flux:12244.6x1 lm		
NAME: 14代 8FT	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

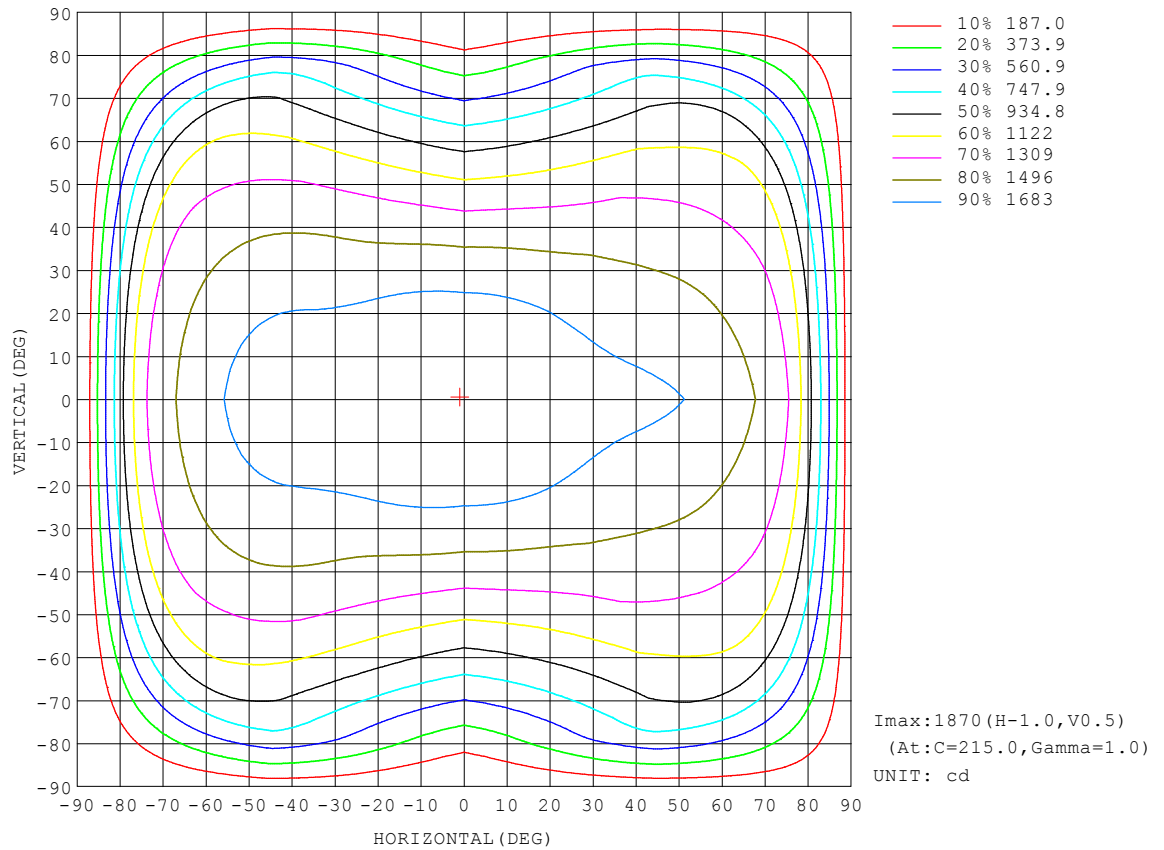
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	43	31	24	41	30	24	37	28	22	15
0.80	52	40	32	49	38	31	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:120.4V I:0.8320A P:100.0W PF:0.9900 Freq:60.00Hz Lamp Flux:12244.6x1 lm		
NAME: 14代 8FT	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

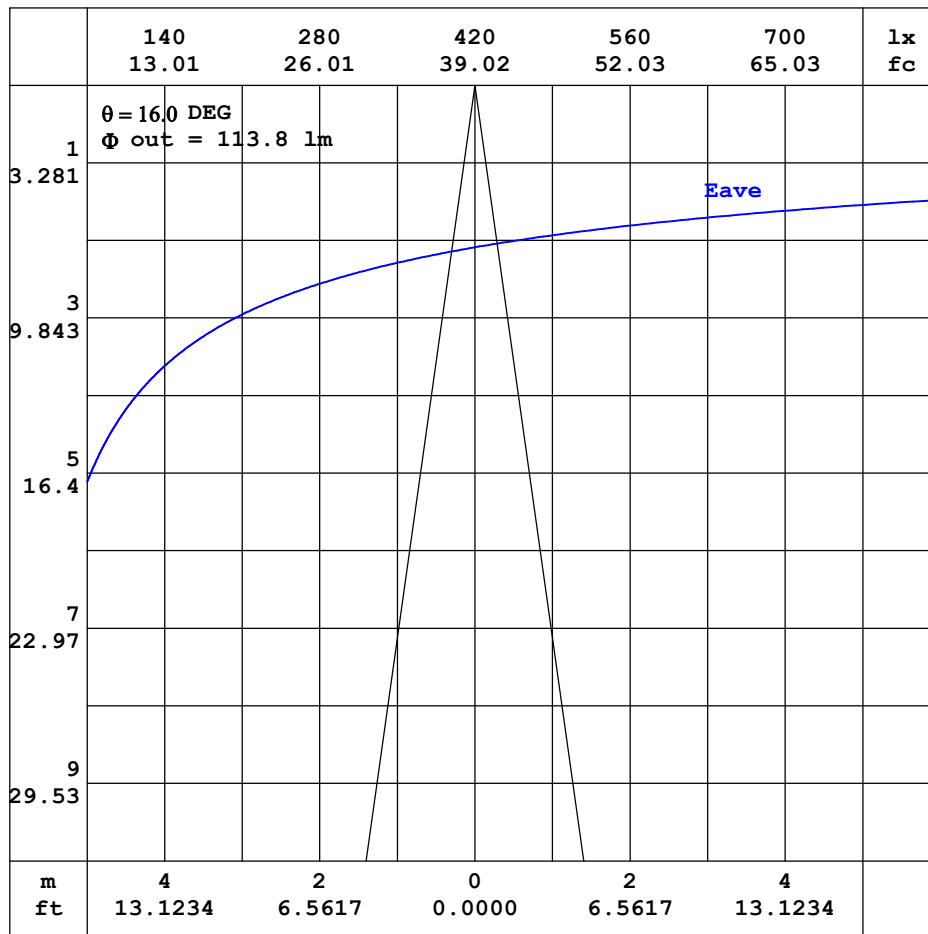


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:120.4V I:0.8320A P:100.0W PF:0.9900 Freq:60.00Hz Lamp Flux:12244.6x1 lm		
NAME: 14代 8FT	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:



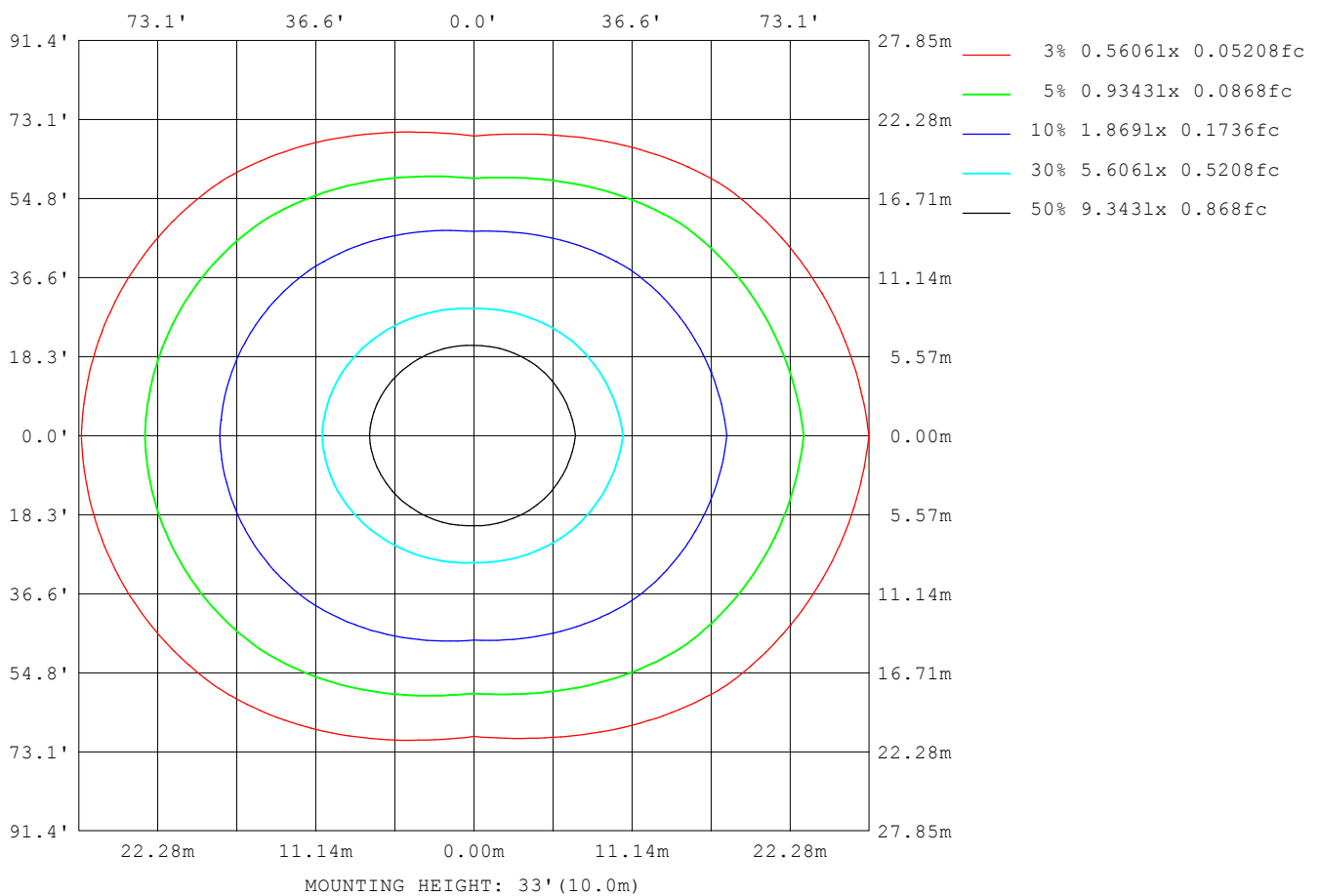
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.4V I:0.8320A P:100.0W PF:0.9900 Freq:60.00Hz Lamp Flux:12244.6x1 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:120.4V I:0.8320A P:100.0W PF:0.9900 Freq:60.00Hz Lamp Flux:12244.6x1 lm		
NAME: 14代 8FT	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

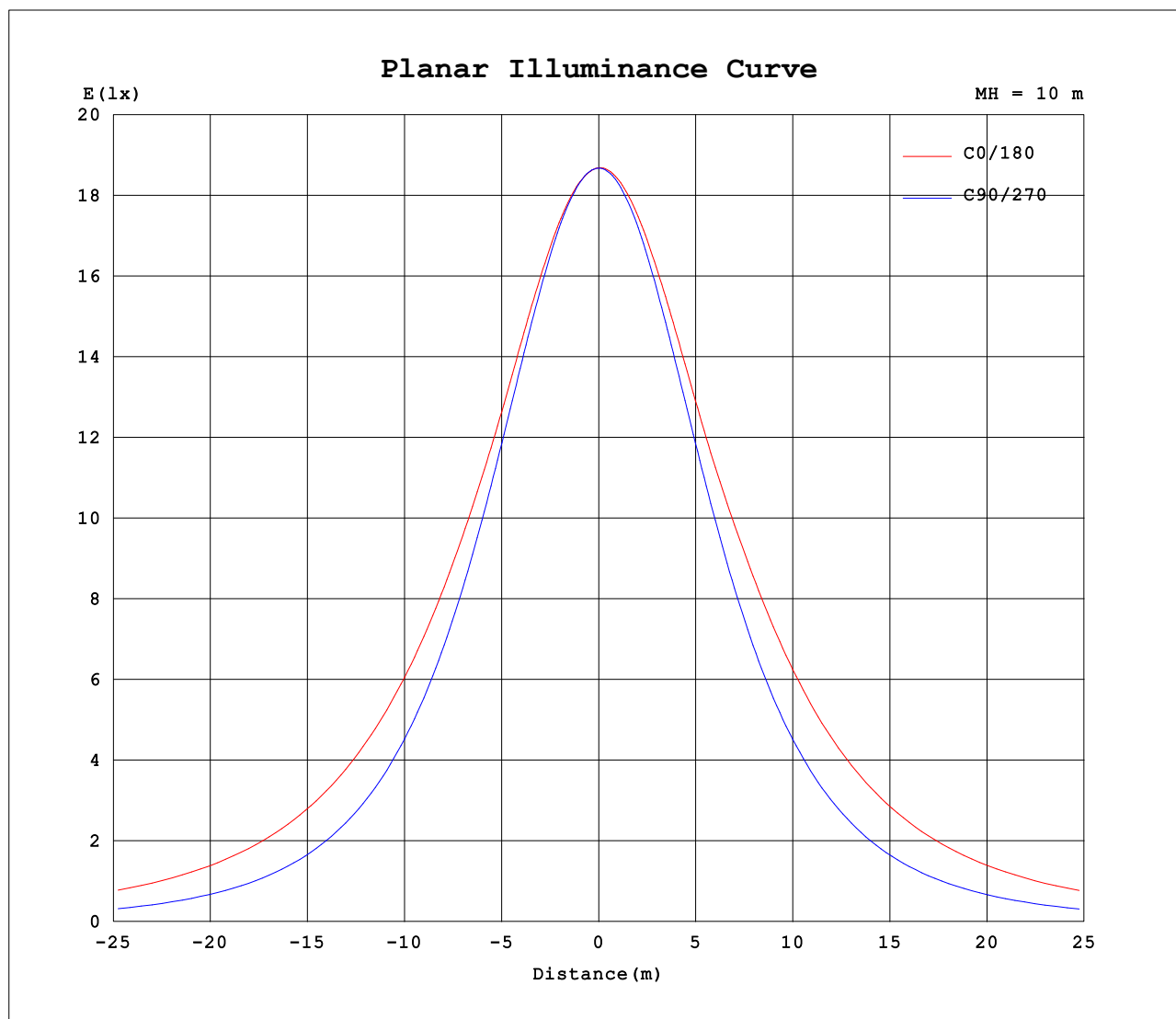
AvgL	cd/m2
L_0~180 (65) av	7585
L_0~180 (75) av	10379
L_0~180 (85) av	11376
L_90~270 (65) av	3492
L_90~270 (75) av	3128
L_90~270 (85) av	2406
L_45 (65) av	5829
L_45 (75) av	7552
L_45 (85) av	9987

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:0.8320A P:100.0W PF:0.9900 Freq:60.00Hz Lamp Flux:12244.6x1 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	1869	1869	1869	1869	1869	1869	1869	1869	1869	1869	1869	1869	1869	1869	1868	1868	1868	1868	1868
5	1861	1861	1861	1861	1861	1861	1861	1861	1860	1860	1860	1860	1860	1860	1860	1860	1860	1860	1860
10	1846	1846	1845	1844	1843	1843	1842	1842	1841	1841	1840	1839	1838	1838	1837	1837	1837	1837	1837
15	1826	1824	1822	1820	1819	1817	1815	1813	1812	1810	1808	1806	1804	1802	1801	1800	1799	1799	1799
20	1802	1797	1793	1789	1786	1782	1778	1775	1772	1769	1765	1761	1757	1754	1751	1749	1747	1746	1746
25	1773	1766	1760	1754	1748	1742	1736	1730	1725	1719	1712	1706	1700	1694	1689	1685	1682	1680	1679
30	1753	1741	1730	1719	1709	1698	1689	1679	1670	1661	1650	1640	1630	1622	1614	1607	1603	1599	1598
35	1741	1722	1704	1687	1670	1654	1639	1624	1610	1597	1581	1566	1552	1539	1528	1519	1511	1507	1504
40	1728	1704	1680	1657	1635	1613	1592	1572	1553	1534	1511	1490	1470	1451	1435	1421	1410	1403	1398
45	1713	1683	1655	1626	1599	1572	1546	1520	1495	1471	1440	1411	1383	1358	1335	1315	1299	1288	1281
50	1690	1657	1624	1591	1559	1527	1496	1465	1434	1404	1365	1327	1290	1257	1226	1200	1179	1163	1153
55	1654	1618	1583	1547	1511	1476	1440	1404	1369	1333	1285	1238	1192	1150	1111	1077	1050	1028	1015
60	1604	1567	1529	1491	1453	1414	1375	1335	1295	1254	1197	1141	1087	1035	988	947	912	886	868
65	1540	1501	1461	1420	1379	1337	1294	1250	1205	1160	1095	1031	968	909	855	807	767	735	714
70	1454	1415	1375	1333	1290	1246	1200	1153	1105	1056	985	914	844	779	718	663	617	581	555
75	1327	1292	1255	1215	1174	1131	1086	1040	991	940	865	789	715	644	578	518	467	427	397
80	996	991	981	968	950	927	901	870	834	795	725	652	579	508	440	378	324	279	245
85	552	558	560	559	554	545	533	518	499	476	431	385	337	290	245	203	166	135	112
90	96.2	96.5	96.3	95.4	94.0	92.0	89.4	86.3	82.5	78.2	70.0	61.5	52.9	44.4	36.4	29.0	22.5	17.1	13.1
95	347	332	316	301	285	269	254	238	222	207	186	165	145	126	109	94.1	81.4	71.5	64.8
100	605	591	576	559	541	522	501	480	457	433	396	359	322	286	253	223	197	176	160
105	799	784	768	750	730	708	685	660	633	605	560	514	469	426	385	347	315	288	268
110	923	899	874	848	822	795	767	739	710	681	639	598	558	519	483	451	423	401	384
115	975	952	929	905	880	856	831	805	779	753	717	682	647	614	584	556	532	513	499
120	1025	1005	986	966	945	924	903	881	859	836	804	773	742	713	686	661	640	622	610
125	1086	1068	1050	1031	1012	993	974	954	934	913	885	858	831	805	781	760	741	726	714
130	1139	1122	1105	1088	1071	1053	1036	1018	1000	982	958	934	911	889	869	851	835	822	813
135	1184	1167	1151	1134	1118	1102	1086	1071	1055	1039	1020	1001	983	965	950	935	923	913	906
140	1216	1202	1187	1173	1159	1145	1132	1118	1105	1093	1077	1062	1048	1035	1022	1011	1002	994	988
145	1240	1228	1217	1206	1195	1184	1173	1163	1153	1143	1131	1120	1109	1099	1090	1081	1074	1068	1063
150	1261	1252	1244	1236	1227	1219	1211	1204	1196	1189	1180	1172	1164	1157	1150	1144	1138	1134	1130
155	1282	1275	1269	1263	1258	1252	1246	1241	1235	1230	1224	1218	1212	1207	1202	1197	1193	1190	1187
160	1300	1295	1291	1287	1283	1279	1275	1271	1267	1264	1260	1256	1252	1248	1245	1242	1240	1237	1236
165	1313	1310	1307	1305	1302	1299	1297	1294	1292	1290	1288	1285	1283	1281	1279	1278	1276	1275	1274
170	1322	1321	1319	1317	1316	1314	1313	1312	1311	1309	1308	1307	1306	1305	1305	1304	1303	1303	1302
175	1328	1327	1326	1325	1325	1324	1324	1323	1323	1322	1322	1322	1321	1321	1321	1321	1320	1320	1320
180	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663

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:0.8320A P:100.0W PF:0.9900 Freq:60.00Hz Lamp Flux:12244.6x1 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	1867	1867	1867	1867	1867	1867	1867	1867	1866	1867	1867	1867	1867	1868	1868	1868	1868	1869	1869
5	1860	1861	1861	1862	1863	1863	1864	1865	1865	1866	1866	1867	1867	1867	1868	1868	1868	1868	1868
10	1838	1839	1841	1842	1844	1846	1847	1849	1851	1852	1854	1855	1857	1858	1859	1860	1860	1861	1860
15	1801	1803	1806	1809	1813	1816	1820	1823	1827	1830	1833	1836	1839	1841	1843	1845	1846	1847	1846
20	1749	1753	1758	1763	1768	1774	1780	1786	1792	1798	1804	1809	1814	1818	1822	1825	1827	1829	1827
25	1683	1689	1696	1703	1712	1721	1730	1739	1749	1758	1767	1775	1783	1791	1797	1802	1806	1809	1806
30	1604	1612	1621	1632	1644	1657	1670	1684	1698	1711	1725	1738	1750	1761	1771	1779	1786	1790	1785
35	1512	1522	1535	1549	1565	1582	1601	1620	1640	1661	1683	1703	1723	1741	1757	1770	1781	1788	1781
40	1408	1421	1438	1457	1478	1501	1526	1552	1579	1608	1638	1666	1693	1718	1740	1759	1774	1785	1774
45	1295	1313	1335	1361	1390	1422	1455	1489	1524	1560	1595	1629	1661	1691	1717	1739	1756	1768	1757
50	1171	1196	1225	1259	1297	1338	1380	1424	1468	1509	1549	1587	1623	1655	1683	1707	1725	1737	1725
55	1038	1068	1104	1146	1193	1242	1294	1347	1399	1446	1490	1532	1570	1605	1635	1660	1679	1692	1679
60	895	930	973	1022	1077	1135	1195	1256	1317	1367	1414	1459	1499	1536	1567	1593	1612	1624	1610
65	743	783	831	886	947	1011	1078	1146	1214	1267	1318	1365	1408	1446	1479	1505	1525	1537	1524
70	586	628	679	737	802	871	943	1016	1088	1144	1197	1247	1292	1332	1366	1394	1415	1428	1415
75	429	473	527	588	656	728	802	877	950	1003	1051	1096	1136	1171	1201	1224	1241	1252	1242
80	280	326	381	443	510	580	651	720	786	813	835	852	865	873	877	877	875	869	869
85	137	169	207	249	294	339	385	428	467	472	472	469	462	452	441	428	414	400	400
90	19.0	26.2	34.3	42.8	51.5	60.0	67.9	74.8	80.3	74.1	66.6	58.1	49.0	39.7	30.6	21.9	14.3	7.88	12.9
95	74.7	87.5	103	120	139	159	178	198	216	224	230	235	239	242	245	248	251	253	264
100	174	195	220	248	280	313	348	382	416	435	452	467	481	493	504	512	519	525	532
105	286	310	340	375	414	454	496	538	580	605	628	649	667	684	697	708	716	721	722
110	397	416	440	468	500	535	572	610	649	684	717	749	779	807	831	852	869	881	874
115	509	524	543	566	593	622	653	686	719	750	781	810	838	864	887	907	924	936	931
120	618	631	648	669	692	718	745	773	801	826	851	875	898	918	937	953	966	976	973
125	721	732	747	764	784	806	829	853	878	900	923	944	965	983	1000	1015	1027	1036	1033
130	818	826	838	852	868	886	905	925	946	966	986	1006	1025	1042	1058	1071	1083	1091	1088
135	909	915	923	933	944	958	972	988	1004	1022	1040	1058	1075	1091	1106	1119	1129	1137	1134
140	989	993	998	1004	1013	1022	1033	1044	1056	1071	1087	1102	1117	1131	1144	1156	1166	1173	1170
145	1063	1065	1068	1073	1078	1084	1092	1100	1108	1120	1131	1143	1154	1165	1175	1184	1192	1198	1196
150	1130	1131	1133	1136	1139	1144	1149	1154	1160	1167	1175	1182	1190	1197	1204	1210	1215	1219	1218
155	1187	1188	1189	1191	1194	1197	1200	1203	1207	1211	1216	1220	1225	1229	1233	1236	1240	1242	1242
160	1235	1236	1236	1237	1239	1240	1242	1245	1247	1250	1252	1255	1258	1261	1263	1266	1268	1270	1270
165	1274	1274	1274	1274	1275	1275	1276	1277	1278	1280	1281	1283	1284	1286	1288	1289	1290	1291	1292
170	1302	1302	1302	1302	1302	1302	1302	1302	1302	1303	1304	1304	1305	1306	1307	1307	1308	1309	1309
175	1320	1320	1319	1319	1319	1319	1319	1319	1319	1319	1319	1319	1319	1320	1320	1320	1321	1321	1321
180	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663

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:0.8320A P:100.0W PF:0.9900 Freq:60.00Hz Lamp Flux:12244.6x1 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	1869	1869	1869	1869	1869	1869	1869	1869	1869	1869	1869	1869	1868	1868	1868	1868	1868	1867	1867
5	1868	1868	1868	1868	1867	1867	1867	1866	1866	1865	1865	1864	1863	1863	1862	1861	1861	1860	1860
10	1860	1859	1858	1857	1856	1855	1853	1852	1850	1849	1847	1845	1843	1842	1840	1839	1837	1837	1836
15	1845	1843	1841	1839	1836	1833	1830	1827	1823	1820	1816	1813	1810	1807	1804	1801	1799	1799	1799
20	1825	1821	1818	1813	1808	1803	1797	1792	1786	1780	1774	1768	1763	1758	1753	1749	1746	1746	1747
25	1801	1796	1789	1782	1774	1765	1756	1747	1737	1728	1719	1711	1703	1696	1689	1684	1679	1680	1681
30	1779	1770	1760	1748	1736	1723	1709	1695	1681	1668	1655	1642	1631	1620	1611	1603	1597	1598	1601
35	1770	1756	1739	1721	1701	1680	1659	1637	1617	1598	1580	1563	1547	1533	1520	1510	1503	1505	1510
40	1759	1740	1718	1693	1666	1638	1608	1579	1552	1525	1500	1477	1455	1436	1419	1405	1396	1400	1408
45	1740	1718	1693	1664	1632	1599	1564	1528	1492	1457	1424	1391	1362	1335	1312	1293	1279	1286	1298
50	1707	1684	1656	1624	1588	1550	1510	1469	1424	1380	1337	1295	1257	1222	1192	1167	1148	1158	1175
55	1659	1634	1603	1568	1528	1486	1441	1395	1342	1289	1237	1187	1140	1098	1061	1031	1009	1022	1044
60	1590	1563	1531	1493	1451	1406	1357	1307	1246	1185	1125	1067	1013	964	921	886	860	878	905
65	1503	1475	1442	1402	1358	1310	1259	1205	1137	1068	1001	936	875	820	772	732	703	724	756
70	1394	1366	1332	1292	1247	1197	1144	1087	1013	939	866	795	729	669	616	573	541	565	601
75	1225	1202	1173	1139	1099	1054	1005	953	877	801	724	650	580	516	460	414	380	406	445
80	867	861	852	839	823	802	777	747	683	615	547	479	414	354	301	256	222	249	287
85	400	399	398	396	393	387	379	369	335	300	264	228	193	161	132	108	89.2	103	124
90	19.3	26.6	34.6	42.8	51.0	58.7	65.7	71.6	67.2	61.7	55.3	48.4	41.1	33.9	27.1	20.9	15.6	17.7	20.8
95	276	286	296	304	310	314	316	314	290	264	236	208	180	154	130	109	93.5	108	127
100	537	540	541	539	535	528	518	504	467	427	387	347	308	272	239	213	192	212	238
105	719	714	706	695	681	665	645	623	583	542	500	458	419	383	351	324	305	322	346
110	862	847	827	804	778	750	720	688	651	614	577	542	509	480	455	434	420	434	453
115	922	908	892	872	850	825	799	771	739	706	674	643	614	588	566	548	535	548	565
120	966	957	944	929	912	894	873	851	823	795	767	740	715	692	673	657	645	657	673
125	1027	1018	1007	993	977	960	942	923	899	875	851	828	807	788	772	759	750	760	773
130	1082	1073	1062	1049	1035	1019	1002	985	965	946	927	909	892	877	864	854	847	855	865
135	1127	1119	1109	1096	1083	1069	1054	1038	1023	1008	994	980	968	957	947	940	936	942	950
140	1164	1157	1147	1137	1125	1113	1100	1088	1076	1065	1055	1045	1037	1029	1023	1019	1016	1021	1028
145	1192	1186	1180	1172	1164	1155	1146	1137	1129	1121	1114	1108	1102	1097	1093	1090	1088	1092	1098
150	1216	1214	1210	1206	1201	1196	1191	1186	1180	1175	1170	1165	1161	1157	1154	1152	1151	1155	1159
155	1242	1241	1239	1238	1235	1233	1231	1228	1224	1221	1218	1215	1212	1210	1208	1206	1206	1208	1211
160	1270	1269	1269	1268	1267	1265	1264	1263	1261	1259	1257	1255	1254	1253	1252	1251	1251	1252	1254
165	1292	1292	1292	1292	1291	1291	1290	1290	1289	1288	1288	1287	1286	1286	1286	1286	1286	1287	1288
170	1309	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1310	1311	1311
175	1321	1322	1322	1322	1322	1323	1323	1323	1323	1323	1323	1323	1323	1323	1323	1324	1324	1324	1324
180	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663

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:0.8320A P:100.0W PF:0.9900 Freq:60.00Hz Lamp Flux:12244.6x1 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	1867	1867	1867	1867	1867	1867	1866	1867	1867	1867	1867	1867	1867	1868	1868				
5	1859	1859	1858	1858	1858	1857	1857	1857	1857	1858	1858	1858	1858	1859	1859	1860			
10	1836	1836	1836	1836	1836	1837	1837	1838	1839	1839	1840	1841	1842	1843	1845				
15	1799	1800	1801	1802	1803	1805	1807	1808	1810	1812	1814	1816	1818	1821	1823				
20	1748	1750	1753	1756	1759	1763	1767	1770	1773	1777	1781	1784	1788	1793	1797				
25	1684	1688	1692	1697	1703	1710	1716	1722	1727	1733	1739	1745	1752	1759	1766				
30	1606	1612	1619	1627	1637	1647	1657	1666	1676	1685	1695	1706	1717	1729	1740				
35	1517	1526	1538	1550	1564	1580	1596	1609	1623	1638	1654	1670	1687	1704	1722				
40	1420	1434	1451	1469	1490	1512	1535	1554	1574	1594	1615	1636	1658	1681	1704				
45	1314	1334	1357	1383	1412	1442	1473	1497	1522	1548	1574	1600	1628	1655	1684				
50	1197	1224	1255	1289	1326	1365	1405	1435	1466	1497	1528	1560	1592	1624	1657				
55	1072	1107	1146	1189	1235	1282	1331	1367	1403	1439	1475	1511	1547	1582	1618				
60	940	981	1029	1080	1135	1192	1249	1290	1331	1371	1411	1450	1489	1528	1566				
65	797	845	900	959	1022	1086	1152	1198	1243	1288	1332	1375	1417	1459	1500				
70	646	699	760	825	894	965	1037	1087	1137	1185	1232	1279	1324	1369	1412				
75	494	551	616	686	759	834	910	962	1012	1061	1109	1156	1201	1244	1286				
80	335	390	450	515	582	650	717	759	798	834	868	899	927	953	976				
85	149	179	212	247	284	322	359	385	409	432	455	476	497	516	535				
90	24.9	29.7	35.2	41.2	47.6	54.1	60.7	65.1	69.4	73.6	77.6	81.6	85.4	89.1	92.7				
95	150	176	204	232	262	290	317	330	340	349	354	358	359	357	353				
100	270	306	345	386	428	470	509	531	550	566	579	590	598	603	606				
105	376	411	449	490	532	575	617	643	668	692	714	734	753	770	785				
110	477	506	538	573	610	648	687	715	742	769	796	822	848	873	898				
115	588	614	643	674	707	741	775	800	823	847	869	891	913	934	955				
120	693	716	742	769	799	828	858	879	899	919	938	956	974	992	1008				
125	790	810	832	856	881	906	932	951	969	987	1004	1021	1038	1054	1070				
130	879	895	913	933	953	975	996	1012	1029	1045	1061	1076	1092	1108	1124				
135	961	973	987	1003	1019	1036	1054	1068	1082	1096	1110	1125	1139	1154	1169				
140	1036	1046	1056	1068	1081	1094	1108	1119	1130	1142	1154	1166	1178	1191	1204				
145	1104	1111	1120	1129	1139	1149	1159	1168	1176	1185	1194	1203	1212	1221	1230				
150	1164	1170	1176	1183	1190	1198	1206	1212	1218	1224	1230	1236	1242	1249	1255				
155	1215	1219	1224	1229	1234	1239	1245	1249	1253	1257	1261	1265	1269	1274	1278				
160	1257	1260	1263	1266	1269	1272	1276	1278	1281	1284	1287	1289	1292	1295	1297				
165	1289	1291	1292	1294	1296	1298	1300	1301	1303	1304	1306	1307	1309	1310	1312				
170	1312	1313	1314	1315	1315	1316	1317	1318	1318	1319	1320	1320	1321	1321	1322				
175	1325	1325	1325	1326	1326	1327	1327	1327	1327	1327	1328	1328	1328	1328	1328				
180	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663				

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: