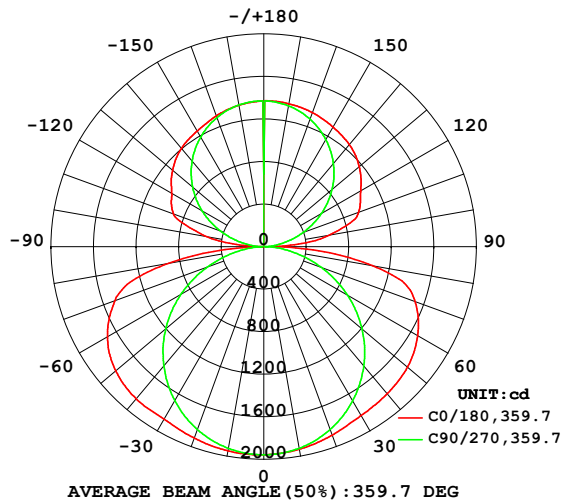


LUMINAIRE PHOTOMETRIC TEST REPORT

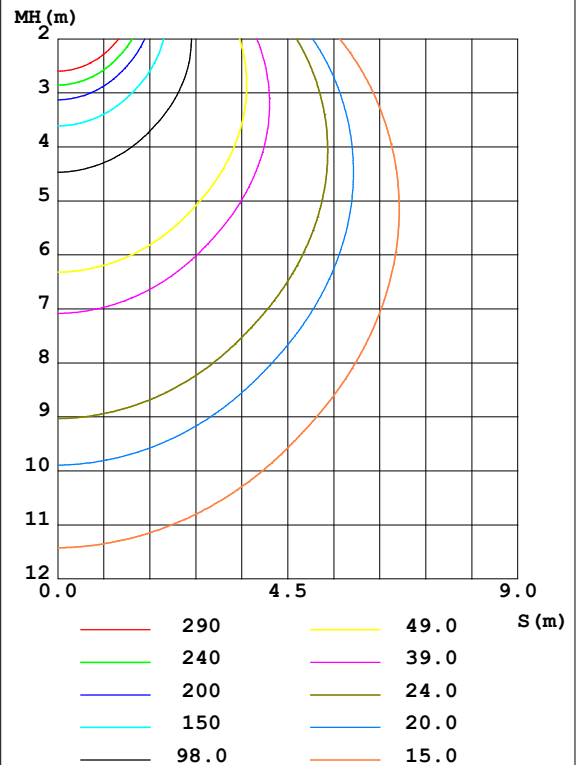
Test:U:120.6V I:0.8260A P:99.20W PF:0.9900 Freq:60.00Hz Lamp Flux:12730x1 lm		
NAME: 14代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 128.33 lm/W			
MODEL		I _{max} (cd)	1959	S/MH(C0/180)	1.43
NOMINAL POWER(W)	100W	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	12730	η UP,DN(C0-180)	19.6,30.2
NOMINAL FLUX(lm)	12730	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	20.3,29.8
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:

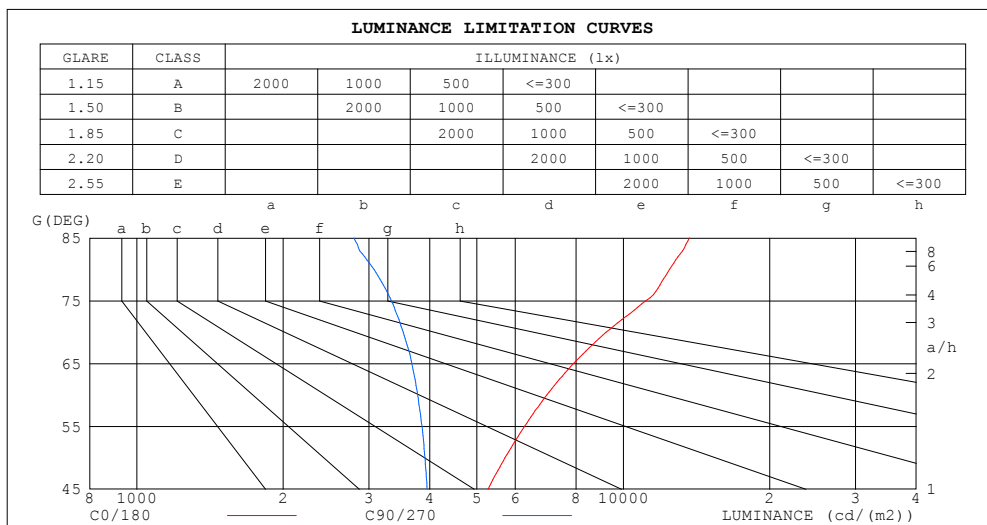
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1933	1928	1925	1942	1949	1940	1925	1926	0- 10	185.7	185.7	1.46,1.46
20	1885	1852	1829	1879	1915	1876	1829	1851	10- 20	538.1	723.8	5.69,5.69
30	1833	1738	1673	1779	1874	1775	1673	1735	20- 30	837.7	1562	12.3,12.3
40	1806	1605	1464	1654	1867	1653	1462	1607	30- 40	1065	2626	20.6,20.6
50	1763	1469	1207	1536	1817	1538	1203	1470	40- 50	1212	3839	30.2,30.2
60	1671	1312	907.1	1377	1697	1367	901.2	1305	50- 60	1260	5099	40.1,40.1
70	1514	1104	579.5	1135	1490	1138	567.2	1081	60- 70	1184	6282	49.4,49.4
80	1037	830.8	256.2	819.4	910.0	783.3	233.4	746.5	70- 80	959.2	7241	56.9,56.9
90	97.75	81.99	13.61	83.62	8.076	75.33	16.03	62.84	80- 90	399.8	7641	60,60
100	626.1	447.2	164.5	427.1	540.6	518.8	198.1	524.4	90-100	250.9	7892	62,62
110	949.6	700.9	396.2	665.7	903.5	706.2	433.8	705.2	100-110	602.3	8494	66.7,66.7
120	1053	860.4	628.3	822.9	1000	874.0	667.1	882.8	110-120	755.0	9249	72.7,72.7
130	1172	1012	838.4	973.0	1119	1014	874.7	1028	120-130	829.3	10079	79.2,79.2
140	1253	1128	1019	1088	1207	1121	1050	1143	130-140	823.2	10902	85.6,85.6
150	1300	1228	1166	1197	1255	1223	1189	1244	140-150	737.0	11639	91.4,91.4
160	1341	1305	1276	1287	1309	1303	1291	1317	150-160	584.7	12224	96,96
170	1365	1353	1345	1345	1350	1354	1353	1361	160-170	376.4	12600	99,99
180	684.3	683.9	684.0	684.5	684.3	683.9	684.0	684.5	170-180	129.9	12730	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:120.6V I:0.8260A P:99.20W PF:0.9900 Freq:60.00Hz Lamp Flux:12730x1 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	13680	2795
80	12441	3074
75	11126	3337
70	9223	3530
65	7903	3678
60	6962	3780
55	6266	3856
50	5716	3912
45	5271	3952

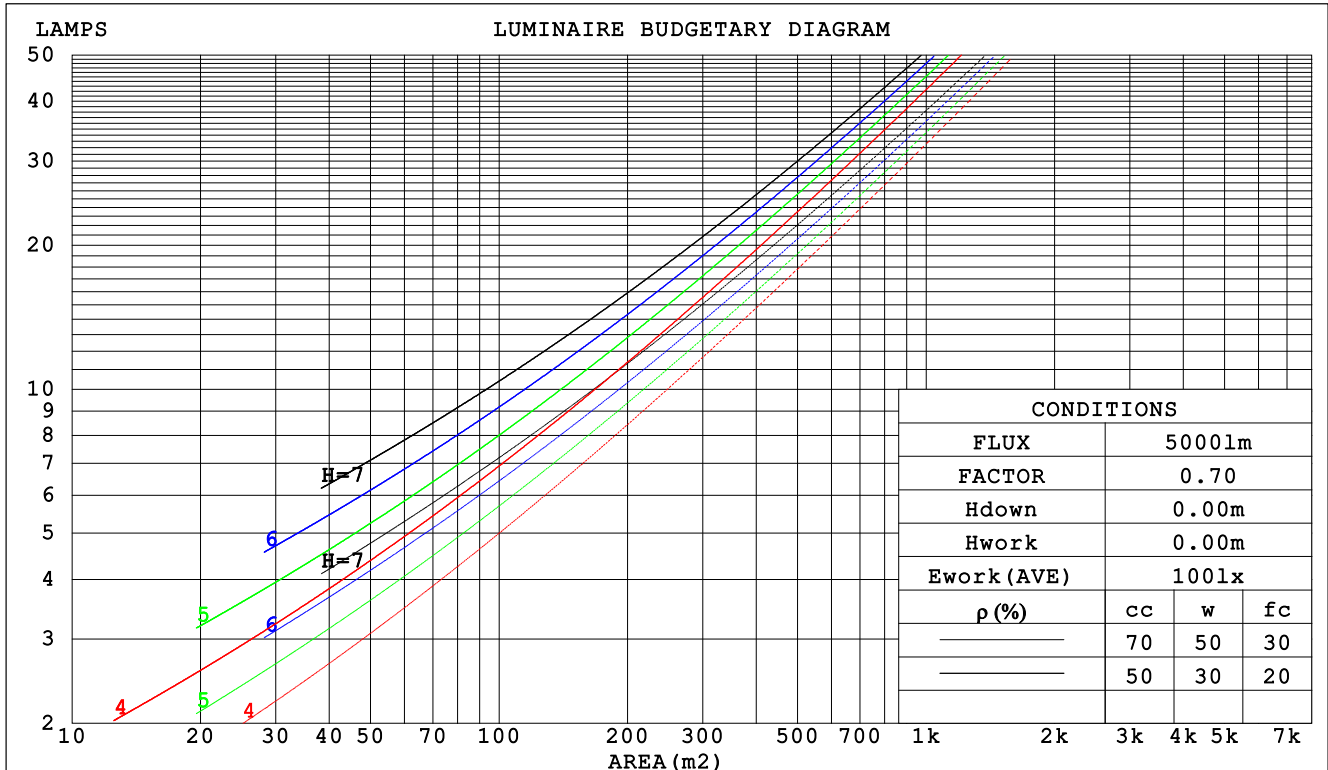
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:120.6V I:0.8260A P:99.20W PF:0.9900 Freq:60.00Hz Lamp Flux:12730x1 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:120.6V I:0.8260A P:99.20W PF:0.9900 Freq:60.00Hz Lamp Flux:12730x1 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	.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	.067	.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	.418	.397	.378	.286	.273	.262	.165	.158	.152	.053	.051	.049	
2.0	.483	.441	.406	.413	.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	.402	.357	.322	.277	.249	.227	.160	.146	.134	.051	.047	.044	
5.0	.462	.404	.361	.397	.349	.314	.273	.244	.222	.158	.143	.132	.051	.047	.043	
6.0	.455	.396	.354	.391	.343	.308	.270	.240	.218	.157	.141	.130	.051	.046	.043	
7.0	.449	.390	.349	.386	.338	.304	.267	.237	.215	.155	.140	.128	.050	.046	.042	
8.0	.442	.385	.345	.381	.334	.301	.263	.234	.213	.153	.138	.127	.050	.045	.042	
9.0	.437	.380	.342	.376	.330	.298	.261	.232	.212	.152	.137	.126	.049	.045	.042	
10.0	.431	.376	.340	.372	.327	.296	.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:120.6V I:0.8260A P:99.20W PF:0.9900 Freq:60.00Hz Lamp Flux:12730x1 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	17.3	18.4	18.0	19.2	20.1	14.9	16.0	15.6	16.7	17.7
3H	20.1	21.1	20.9	21.9	22.9	16.4	17.4	17.2	18.2	19.2
4H	21.7	22.6	22.5	23.4	24.4	17.0	18.0	17.8	18.8	19.8
6H	23.0	23.9	23.8	24.7	25.8	17.5	18.4	18.3	19.2	20.2
8H	23.6	24.4	24.4	25.2	26.3	17.6	18.5	18.5	19.3	20.4
12H	24.0	24.8	24.8	25.6	26.7	17.7	18.5	18.5	19.4	20.4
4H 2H	17.8	18.7	18.6	19.5	20.6	16.1	17.0	16.9	17.8	18.8
3H	20.8	21.6	21.7	22.5	23.6	17.9	18.7	18.7	19.5	20.6
4H	22.5	23.3	23.4	24.1	25.2	18.7	19.4	19.5	20.3	21.4
6H	24.1	24.7	25.0	25.6	26.7	19.3	19.9	20.2	20.8	21.9
8H	24.7	25.3	25.6	26.2	27.3	19.5	20.1	20.4	21.0	22.1
12H	25.2	25.8	26.1	26.7	27.8	19.6	20.1	20.5	21.1	22.2
8H 4H	22.8	23.4	23.7	24.3	25.4	19.8	20.4	20.7	21.3	22.4
6H	24.6	25.1	25.5	26.0	27.2	20.7	21.2	21.6	22.1	23.3
8H	25.4	25.8	26.3	26.8	27.9	21.1	21.5	22.0	22.4	23.6
12H	26.1	26.4	27.0	27.4	28.6	21.3	21.7	22.2	22.6	23.8
12H 4H	22.8	23.3	23.7	24.2	25.4	20.0	20.6	20.9	21.5	22.6
6H	24.7	25.1	25.6	26.0	27.2	21.2	21.6	22.1	22.6	23.8
8H	25.5	25.9	26.5	26.9	28.1	21.7	22.0	22.6	23.0	24.2
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 12730 lm Total Lamp Luminous Flux.(8log(F/F0) = 8.8)

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:120.6V I:0.8260A P:99.20W PF:0.9900 Freq:60.00Hz Lamp Flux:12730x1 lm		
NAME: 14代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

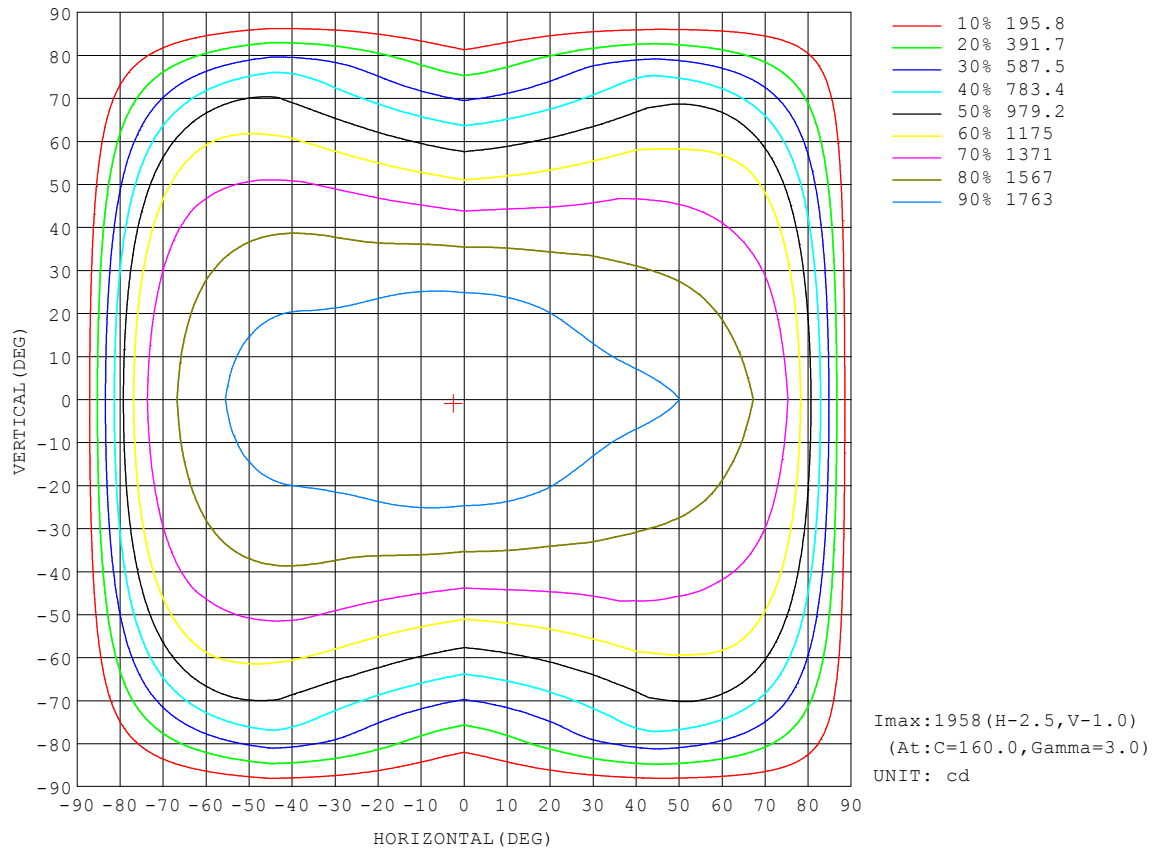
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	43	31	24	41	30	24	37	28	22	15
0.80	52	40	32	50	38	31	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:120.6V I:0.8260A P:99.20W PF:0.9900 Freq:60.00Hz Lamp Flux:12730x1 lm		
NAME: 14代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

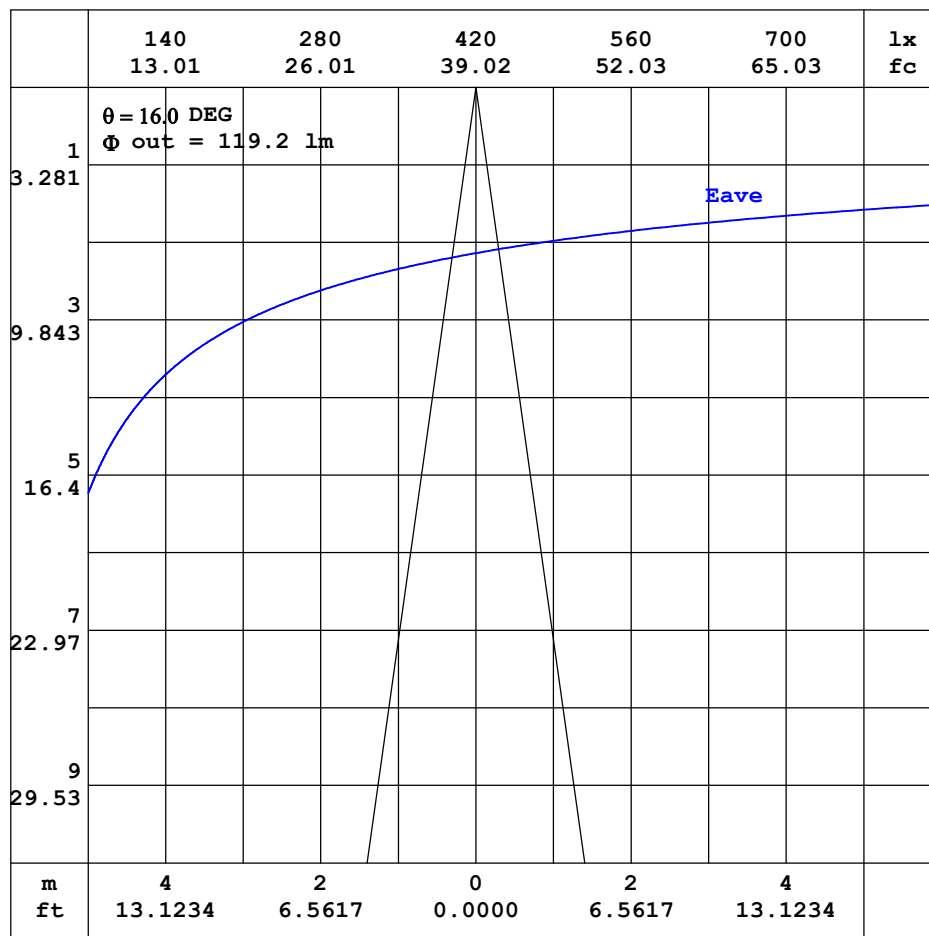


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:120.6V I:0.8260A P:99.20W PF:0.9900 Freq:60.00Hz Lamp Flux:12730x1 lm		
NAME: 14代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:



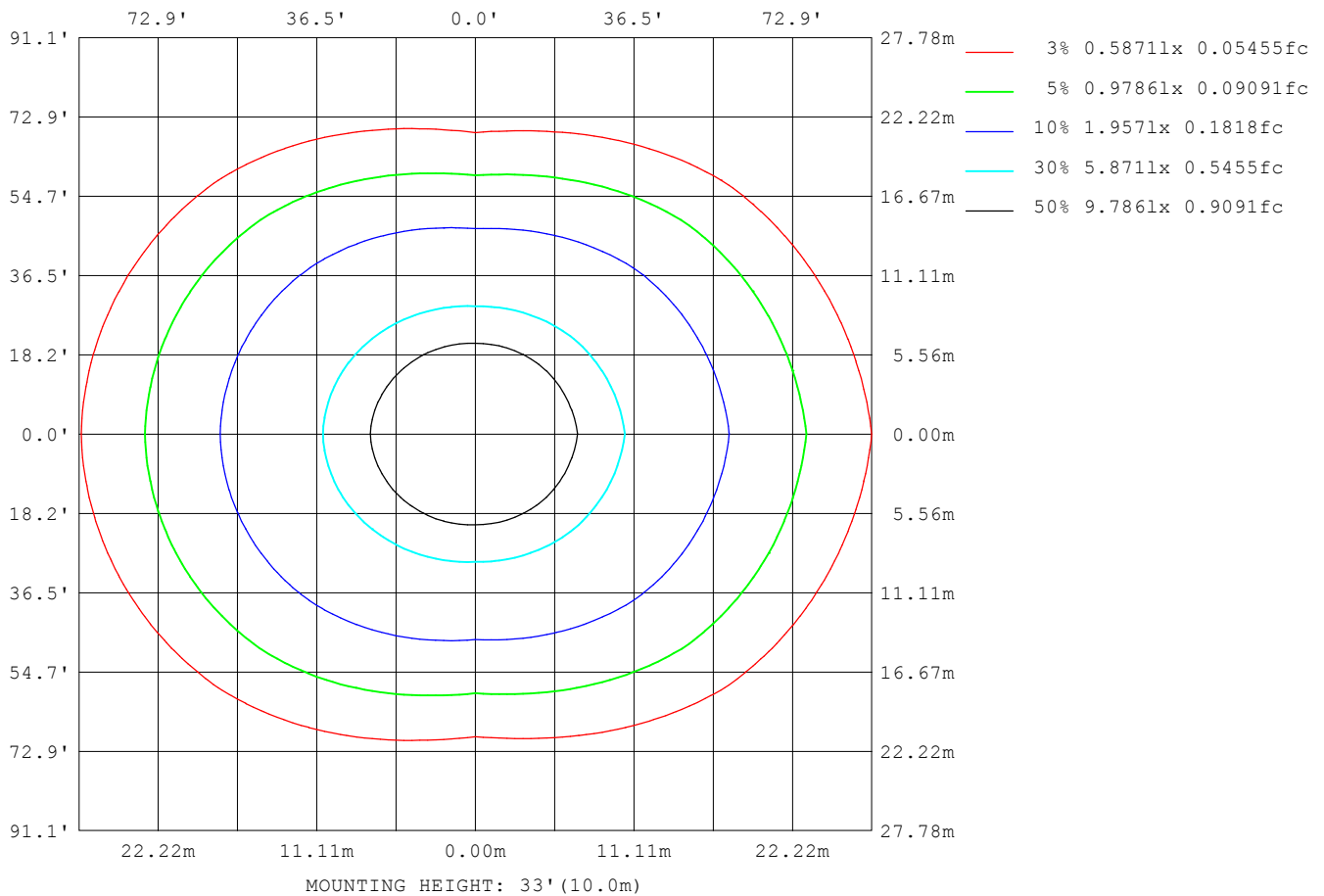
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.6V I:0.8260A P:99.20W PF:0.9900 Freq:60.00Hz Lamp Flux:12730x1 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:120.6V I:0.8260A P:99.20W PF:0.9900 Freq:60.00Hz Lamp Flux:12730x1 lm		
NAME: 14代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

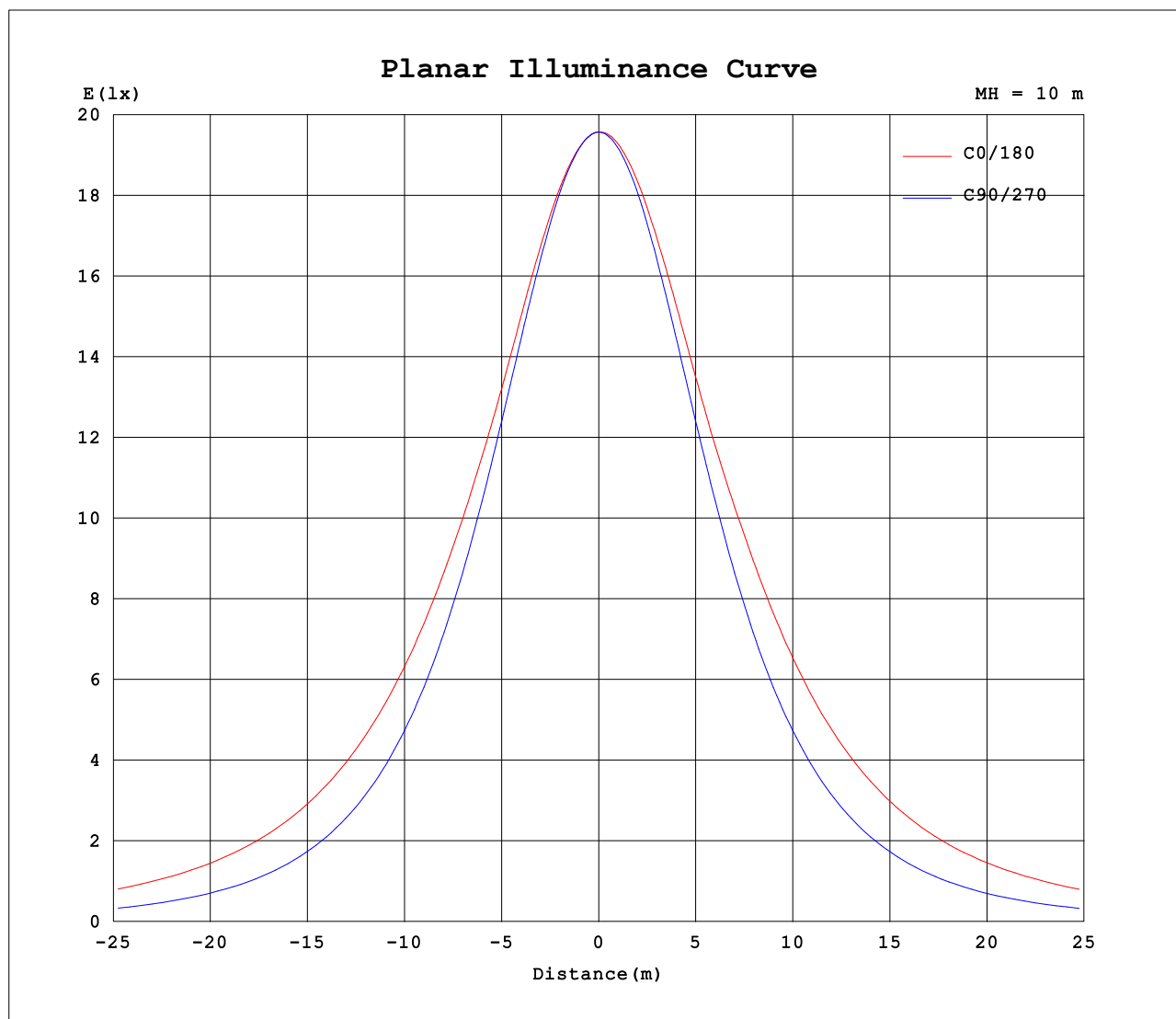
AvgL	cd/m2
L_0~180 (65) av	7907
L_0~180 (75) av	10825
L_0~180 (85) av	11876
L_90~270 (65) av	3654
L_90~270 (75) av	3272
L_90~270 (85) av	2523
L_45 (65) av	6093
L_45 (75) av	7887
L_45 (85) av	10453

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:120.6V I:0.8260A P:99.20W PF:0.9900 Freq:60.00Hz Lamp Flux:12730x1 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	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957
5	1949	1949	1948	1948	1948	1948	1948	1948	1948	1948	1948	1948	1948	1948	1948	1948	1948	1948	1949
10	1933	1932	1932	1931	1930	1930	1929	1929	1928	1928	1927	1926	1926	1925	1925	1925	1925	1925	1925
15	1912	1910	1908	1906	1904	1902	1900	1899	1897	1895	1893	1891	1889	1888	1886	1885	1884	1884	1884
20	1885	1881	1877	1873	1869	1866	1862	1859	1855	1852	1848	1844	1840	1837	1834	1831	1830	1829	1829
25	1855	1848	1842	1835	1829	1822	1816	1811	1805	1799	1792	1785	1779	1773	1768	1764	1761	1759	1758
30	1833	1821	1809	1798	1787	1776	1766	1757	1747	1738	1727	1716	1706	1697	1689	1683	1678	1674	1673
35	1820	1801	1782	1764	1747	1730	1714	1699	1685	1671	1654	1638	1624	1610	1599	1589	1582	1577	1575
40	1806	1780	1756	1732	1709	1687	1665	1644	1624	1605	1581	1559	1538	1519	1502	1488	1476	1468	1464
45	1789	1759	1729	1700	1672	1644	1617	1590	1564	1539	1507	1477	1448	1421	1397	1377	1360	1348	1341
50	1763	1729	1695	1662	1628	1596	1563	1531	1500	1469	1428	1388	1350	1315	1284	1256	1234	1217	1207
55	1725	1689	1652	1615	1578	1541	1505	1468	1431	1394	1344	1294	1247	1203	1162	1127	1098	1076	1062
60	1671	1633	1595	1556	1517	1477	1437	1396	1354	1312	1252	1193	1137	1083	1034	990	954	926	907
65	1603	1564	1523	1482	1439	1396	1352	1307	1260	1213	1146	1079	1014	952	895	845	802	769	746
70	1514	1474	1433	1390	1346	1300	1253	1205	1155	1104	1029	955	883	814	750	693	645	606	580
75	1382	1346	1308	1267	1225	1180	1134	1085	1034	982	903	824	747	672	603	541	488	445	415
80	1037	1032	1023	1009	991	968	940	908	872	831	758	682	606	531	461	396	339	291	256
85	572	579	583	582	578	570	558	542	522	499	453	404	354	304	257	213	174	142	117
90	97.8	98.6	98.8	98.3	97.2	95.5	93.1	90.0	86.3	82.0	73.5	64.6	55.6	46.8	38.3	30.5	23.6	17.9	13.6
95	362	345	329	312	296	279	263	246	230	214	192	170	150	130	112	96.8	83.7	73.5	66.6
100	626	611	595	578	559	540	518	496	472	447	409	371	332	296	261	230	203	181	164
105	823	808	791	773	752	730	706	680	652	623	577	530	483	439	396	358	324	297	276
110	950	925	899	873	846	818	790	761	731	701	658	616	574	535	498	465	437	413	396
115	1003	979	955	931	906	881	855	829	802	775	739	702	666	633	601	573	549	529	514
120	1053	1034	1014	993	972	951	929	907	884	860	828	796	764	734	707	681	659	642	628
125	1117	1099	1080	1062	1043	1023	1003	983	962	942	913	885	857	830	806	784	764	749	737
130	1172	1155	1138	1120	1103	1085	1067	1049	1031	1012	988	963	940	918	897	878	862	848	838
135	1219	1202	1186	1169	1153	1136	1120	1104	1088	1072	1052	1033	1014	996	980	965	953	942	934
140	1253	1238	1224	1209	1195	1181	1168	1154	1141	1128	1112	1097	1082	1068	1055	1044	1034	1026	1019
145	1278	1267	1255	1244	1233	1222	1211	1200	1190	1180	1168	1156	1145	1135	1125	1116	1108	1102	1097
150	1300	1292	1283	1275	1267	1259	1251	1243	1236	1228	1219	1211	1202	1194	1187	1181	1175	1170	1166
155	1322	1316	1310	1304	1298	1292	1287	1281	1276	1270	1264	1258	1252	1246	1241	1236	1232	1229	1226
160	1341	1337	1332	1328	1324	1320	1316	1312	1309	1305	1301	1297	1293	1289	1286	1283	1280	1278	1276
165	1355	1352	1349	1347	1344	1342	1339	1337	1335	1332	1330	1328	1325	1323	1321	1320	1318	1317	1316
170	1365	1363	1362	1360	1359	1358	1356	1355	1354	1353	1352	1350	1349	1348	1348	1347	1346	1345	1345
175	1371	1370	1370	1369	1368	1368	1367	1367	1367	1366	1366	1365	1365	1365	1364	1364	1364	1363	1363
180	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684

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:120.6V I:0.8260A P:99.20W PF:0.9900 Freq:60.00Hz Lamp Flux:12730x1 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	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957
5	1949	1950	1951	1952	1953	1953	1954	1955	1956	1956	1957	1957	1957	1957	1957	1957	1958	1957	1957
10	1926	1928	1930	1932	1934	1936	1938	1940	1942	1943	1944	1946	1947	1947	1948	1949	1949	1949	1949
15	1887	1890	1893	1896	1900	1904	1908	1912	1916	1919	1922	1925	1927	1929	1931	1932	1934	1934	1933
20	1832	1837	1842	1847	1853	1860	1866	1873	1879	1885	1891	1896	1901	1905	1909	1912	1914	1915	1913
25	1763	1769	1777	1785	1794	1803	1813	1823	1833	1843	1852	1860	1868	1876	1882	1887	1891	1893	1890
30	1680	1688	1698	1710	1723	1736	1750	1765	1779	1794	1808	1821	1834	1845	1855	1863	1869	1874	1869
35	1583	1594	1607	1623	1640	1658	1678	1698	1718	1741	1763	1784	1804	1822	1839	1853	1864	1871	1863
40	1474	1488	1506	1526	1548	1573	1599	1626	1654	1684	1715	1744	1772	1798	1821	1841	1856	1867	1856
45	1356	1375	1398	1426	1456	1489	1524	1560	1596	1634	1670	1706	1739	1769	1796	1819	1837	1850	1838
50	1226	1252	1283	1318	1358	1400	1445	1491	1536	1579	1621	1661	1697	1731	1760	1785	1804	1817	1804
55	1085	1117	1155	1199	1248	1300	1354	1410	1465	1513	1559	1603	1643	1679	1710	1736	1756	1769	1755
60	935	972	1017	1069	1126	1186	1250	1314	1377	1429	1479	1525	1567	1605	1638	1664	1684	1697	1683
65	777	818	868	926	989	1057	1127	1198	1268	1324	1376	1425	1470	1510	1544	1571	1592	1605	1591
70	611	655	708	769	837	909	984	1060	1135	1194	1249	1301	1348	1389	1425	1454	1476	1490	1477
75	448	493	549	613	684	759	836	914	991	1046	1097	1144	1186	1223	1254	1279	1297	1308	1298
80	292	340	397	462	532	605	678	751	819	848	871	890	903	912	917	918	915	910	910
85	143	176	215	259	306	353	401	446	487	493	494	490	484	474	463	450	436	421	421
90	19.7	27.2	35.6	44.5	53.6	62.4	70.6	77.8	83.6	77.1	69.3	60.4	50.9	41.2	31.9	22.7	14.7	8.08	13.4
95	76.8	90.1	106	124	143	164	184	204	224	231	237	242	247	250	253	256	259	261	273
100	179	200	226	255	287	322	357	393	427	447	465	481	495	508	518	528	535	541	548
105	294	319	349	385	424	466	509	552	594	620	644	666	685	701	715	727	735	740	741
110	409	428	452	481	514	549	587	626	666	701	735	768	799	828	853	874	891	904	896
115	524	539	558	582	609	639	670	703	737	769	800	830	859	886	909	930	947	959	954
120	637	650	668	689	712	738	766	794	823	849	874	898	921	942	961	977	990	1000	997
125	744	755	769	787	807	829	852	877	902	925	947	969	990	1009	1026	1041	1053	1063	1060
130	844	852	864	878	894	912	932	952	973	994	1014	1034	1052	1070	1086	1099	1111	1119	1116
135	937	943	951	961	973	987	1002	1017	1034	1052	1070	1088	1106	1122	1137	1150	1160	1169	1165
140	1021	1024	1029	1036	1044	1053	1064	1076	1088	1104	1119	1135	1150	1164	1177	1189	1199	1207	1203
145	1097	1099	1102	1107	1112	1119	1126	1134	1143	1154	1166	1178	1189	1200	1210	1220	1227	1234	1231
150	1166	1167	1169	1172	1176	1180	1185	1191	1197	1204	1212	1219	1226	1234	1240	1246	1251	1255	1255
155	1226	1227	1228	1230	1232	1235	1239	1242	1246	1250	1255	1259	1263	1267	1271	1275	1278	1281	1281
160	1276	1276	1277	1278	1279	1281	1283	1285	1287	1290	1293	1295	1298	1300	1303	1305	1307	1309	1309
165	1315	1315	1316	1316	1317	1317	1318	1319	1320	1322	1323	1325	1326	1328	1329	1330	1332	1333	1333
170	1345	1344	1344	1344	1344	1344	1345	1345	1345	1346	1346	1347	1347	1348	1349	1349	1350	1350	1351
175	1363	1363	1363	1363	1363	1363	1363	1363	1363	1363	1363	1363	1363	1363	1363	1363	1363	1363	1364
180	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684

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:120.6V I:0.8260A P:99.20W PF:0.9900 Freq:60.00Hz Lamp Flux:12730x1 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	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957
5	1957	1957	1957	1956	1956	1956	1955	1955	1954	1953	1953	1952	1951	1950	1950	1949	1949	1948	1948
10	1948	1947	1947	1946	1944	1943	1942	1940	1938	1937	1935	1933	1931	1930	1928	1927	1925	1925	1924
15	1932	1930	1928	1925	1923	1920	1917	1913	1910	1906	1903	1899	1896	1893	1890	1888	1885	1885	1885
20	1911	1907	1903	1899	1894	1888	1882	1876	1870	1864	1858	1852	1846	1841	1837	1833	1829	1829	1830
25	1886	1880	1874	1866	1858	1849	1840	1830	1820	1811	1801	1792	1784	1776	1769	1764	1759	1759	1761
30	1862	1853	1842	1831	1818	1804	1790	1775	1761	1747	1733	1720	1708	1697	1688	1680	1673	1674	1677
35	1851	1837	1820	1801	1781	1759	1737	1714	1694	1674	1655	1637	1620	1605	1593	1582	1574	1576	1581
40	1841	1821	1798	1772	1744	1715	1684	1653	1625	1598	1571	1547	1524	1504	1486	1472	1462	1466	1475
45	1820	1798	1772	1742	1709	1674	1637	1600	1563	1526	1491	1458	1427	1399	1375	1355	1340	1347	1360
50	1785	1761	1732	1699	1662	1622	1581	1538	1491	1445	1400	1357	1317	1280	1248	1222	1203	1213	1230
55	1735	1709	1677	1640	1599	1555	1509	1460	1405	1349	1295	1243	1194	1150	1112	1080	1057	1071	1093
60	1662	1634	1600	1561	1518	1470	1420	1367	1304	1240	1177	1117	1061	1010	965	928	901	920	948
65	1570	1541	1506	1466	1421	1371	1318	1261	1190	1119	1049	981	917	859	809	767	736	758	791
70	1456	1427	1392	1351	1304	1253	1197	1138	1062	985	908	834	765	702	646	601	567	592	629
75	1281	1257	1227	1191	1150	1104	1053	998	919	839	759	682	609	542	483	434	398	426	466
80	908	902	893	880	862	841	815	783	716	645	574	503	435	372	316	269	233	261	301
85	421	421	420	418	414	408	399	388	353	316	278	240	204	170	139	114	94.2	109	130
90	20.2	27.9	36.4	45.1	53.7	61.8	69.2	75.3	70.7	64.9	58.1	50.8	43.1	35.5	28.2	21.6	16.0	18.1	21.4
95	284	295	305	313	320	324	326	324	299	272	244	214	186	159	134	113	96.8	112	131
100	553	556	557	556	551	544	533	519	481	440	398	357	317	280	247	219	198	218	245
105	739	733	725	714	699	682	662	640	599	556	513	471	431	394	362	335	315	332	357
110	885	868	848	825	798	769	738	706	668	630	593	558	525	495	469	449	434	448	467
115	945	931	914	894	871	846	820	792	759	725	693	661	632	606	584	565	553	565	583
120	991	981	968	953	936	917	896	874	846	817	789	762	737	714	694	678	667	679	695
125	1054	1045	1033	1020	1004	987	969	949	925	901	877	854	833	814	797	784	775	785	799
130	1110	1102	1091	1078	1064	1048	1032	1014	995	975	955	937	920	905	892	882	875	883	894
135	1159	1150	1140	1128	1114	1100	1085	1070	1054	1039	1024	1011	998	987	978	971	967	973	982
140	1198	1190	1181	1170	1159	1147	1134	1121	1110	1099	1088	1079	1070	1062	1056	1052	1050	1055	1061
145	1227	1222	1215	1208	1199	1191	1181	1172	1164	1157	1150	1143	1137	1132	1128	1126	1124	1128	1134
150	1253	1250	1247	1243	1239	1234	1228	1223	1218	1213	1208	1203	1199	1195	1192	1190	1189	1192	1197
155	1281	1280	1278	1277	1275	1273	1270	1268	1264	1261	1258	1255	1252	1249	1247	1246	1245	1248	1251
160	1309	1309	1309	1308	1307	1306	1305	1303	1302	1300	1298	1296	1295	1293	1292	1292	1291	1293	1295
165	1333	1333	1333	1333	1333	1333	1332	1332	1331	1331	1330	1329	1329	1328	1328	1328	1328	1329	1330
170	1351	1352	1352	1353	1353	1353	1353	1354	1354	1353	1353	1353	1353	1353	1353	1353	1353	1354	1354
175	1364	1364	1365	1365	1365	1366	1366	1367	1367	1367	1367	1367	1367	1367	1367	1367	1367	1368	1368
180	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684	684

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:120.6V I:0.8260A P:99.20W PF:0.9900 Freq:60.00Hz Lamp Flux:12730x1 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	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957	1957				
5	1948	1947	1947	1947	1947	1947	1947	1947	1947	1947	1947	1947	1948	1948	1948				
10	1924	1924	1924	1924	1925	1925	1926	1926	1927	1927	1928	1929	1930	1931	1932				
15	1885	1886	1887	1888	1890	1891	1893	1895	1896	1898	1900	1902	1905	1907	1909				
20	1831	1834	1836	1839	1843	1847	1851	1854	1857	1861	1864	1868	1872	1877	1881				
25	1764	1768	1772	1778	1784	1790	1797	1802	1808	1814	1820	1827	1834	1840	1848				
30	1682	1688	1695	1704	1713	1724	1735	1744	1753	1763	1774	1785	1796	1808	1820				
35	1589	1598	1610	1623	1638	1653	1670	1684	1699	1714	1730	1747	1764	1782	1800				
40	1487	1502	1519	1539	1560	1583	1607	1626	1647	1667	1689	1711	1734	1757	1781				
45	1376	1397	1421	1448	1478	1509	1541	1566	1592	1618	1645	1673	1701	1730	1759				
50	1253	1281	1313	1349	1388	1428	1470	1501	1533	1565	1597	1630	1663	1696	1730				
55	1123	1159	1199	1244	1291	1341	1392	1429	1466	1503	1540	1577	1614	1651	1688				
60	984	1027	1076	1129	1186	1245	1305	1347	1389	1431	1472	1513	1553	1593	1632				
65	833	884	940	1002	1067	1134	1202	1250	1297	1343	1388	1433	1477	1520	1562				
70	675	731	793	861	933	1006	1081	1133	1184	1234	1283	1332	1379	1425	1470				
75	516	576	643	715	791	869	948	1002	1055	1106	1155	1204	1250	1296	1340				
80	350	407	469	537	606	677	747	790	830	868	903	935	965	992	1016				
85	156	187	221	258	296	336	375	401	426	450	473	495	516	536	554				
90	25.7	30.7	36.5	42.7	49.3	56.1	62.8	67.3	71.6	75.8	79.8	83.7	87.4	91.0	94.5				
95	155	181	210	239	269	299	326	340	351	360	366	370	372	371	367				
100	278	315	355	397	441	483	524	547	566	583	597	609	617	623	626				
105	388	423	462	504	547	591	634	661	687	712	734	755	775	792	809				
110	492	521	554	589	627	666	705	734	762	790	817	844	871	898	924				
115	606	632	662	693	727	762	796	821	845	869	893	916	938	960	982				
120	715	739	765	793	822	852	883	904	925	945	964	983	1002	1019	1037				
125	816	836	859	883	908	935	961	980	998	1016	1034	1051	1068	1085	1101				
130	908	924	943	963	984	1006	1028	1044	1061	1077	1093	1109	1125	1141	1157				
135	992	1005	1020	1035	1052	1069	1087	1101	1116	1130	1145	1159	1174	1189	1204				
140	1070	1080	1091	1103	1116	1129	1143	1155	1166	1178	1190	1202	1215	1227	1240				
145	1140	1148	1156	1165	1175	1186	1196	1205	1213	1222	1231	1240	1250	1259	1269				
150	1202	1208	1214	1221	1228	1236	1244	1250	1256	1262	1269	1275	1281	1288	1294				
155	1255	1259	1264	1269	1274	1279	1285	1289	1293	1297	1302	1306	1310	1314	1318				
160	1298	1301	1304	1307	1310	1314	1317	1320	1323	1325	1328	1331	1333	1336	1338				
165	1331	1333	1335	1337	1338	1340	1342	1344	1345	1347	1348	1349	1351	1352	1354				
170	1355	1356	1357	1358	1359	1360	1361	1362	1362	1363	1363	1364	1364	1364	1365				
175	1368	1369	1369	1370	1370	1370	1371	1371	1371	1371	1371	1371	1371	1371	1371				
180	684	684	684	684	684	684	684	685	685	685	684	684	684	684	684				

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: