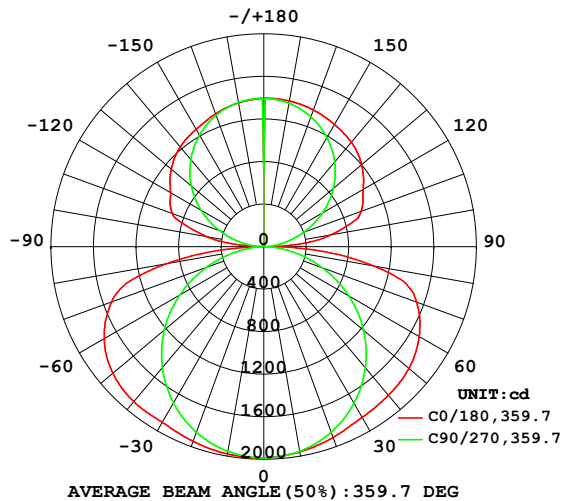


LUMINAIRE PHOTOMETRIC TEST REPORT

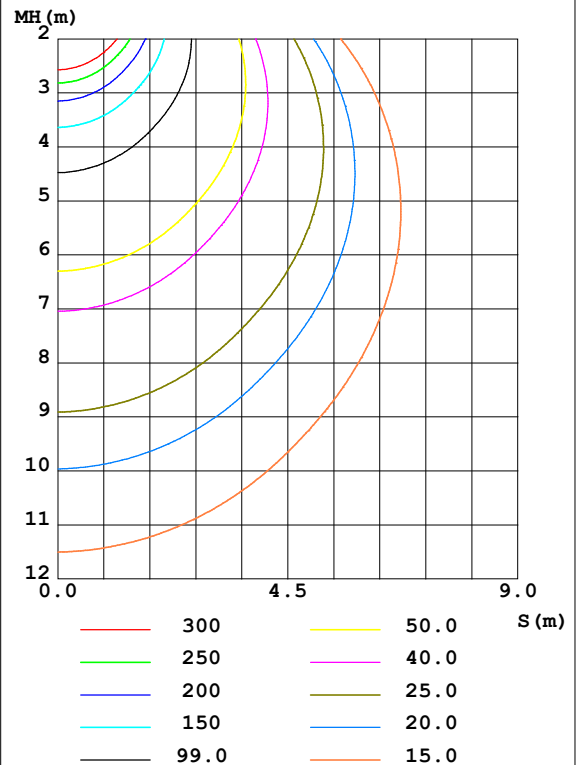
Test:U:120.4V I:0.8020A P:96.80W PF:0.9900 Freq:60.00Hz Lamp Flux:12940.9x1 lm		
NAME: 14代 8FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 133.69 lm/W			
MODEL		Imax(cd)	1987	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)	12941	η UP,DN(C0-180)	19.7,30.1
NOMINAL FLUX(lm)	12940.9	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	20.4,29.8
LAMPS INSIDE	1	η up(%)	40.1	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120.0	η down(%)	59.9	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:

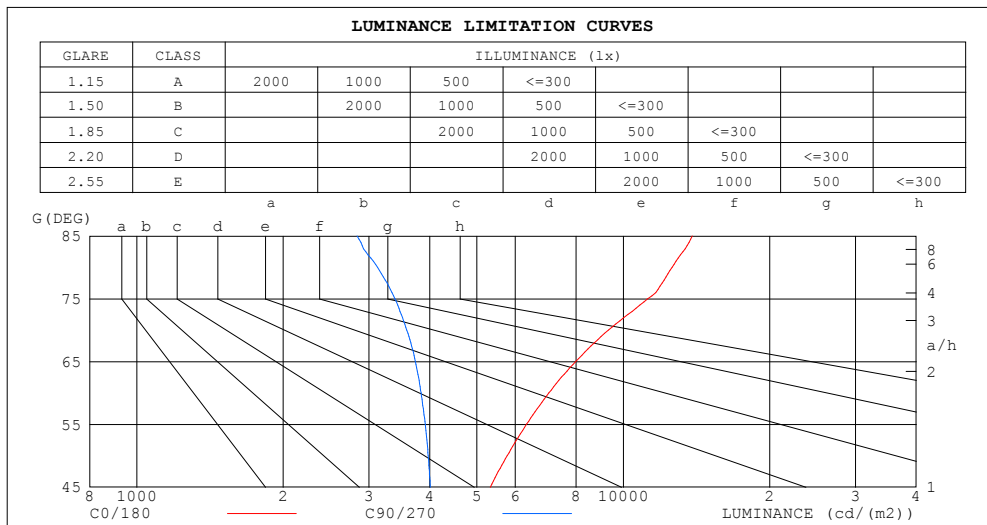
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1959	1954	1953	1969	1979	1970	1954	1951	0- 10	188.3	188.3	1.46,1.46
20	1909	1876	1856	1908	1947	1907	1856	1873	10- 20	545.8	734.2	5.67,5.67
30	1853	1760	1698	1809	1908	1806	1698	1755	20- 30	849.9	1584	12.2,12.2
40	1824	1623	1487	1683	1903	1684	1484	1625	30- 40	1080	2665	20.6,20.6
50	1781	1485	1226	1565	1852	1567	1221	1484	40- 50	1230	3895	30.1,30.1
60	1688	1324	921.8	1405	1732	1394	914.4	1318	50- 60	1279	5173	40,40
70	1529	1113	589.4	1162	1523	1162	575.7	1093	60- 70	1202	6376	49.3,49.3
80	1050	838.2	260.6	839.2	930.3	800.1	236.0	755.0	70- 80	974.6	7350	56.8,56.8
90	99.81	82.88	13.70	87.85	8.251	74.65	16.43	64.34	80- 90	406.3	7756	59.9,59.9
100	641.3	458.3	167.5	432.6	544.9	525.1	201.9	538.6	90-100	255.4	8012	61.9,61.9
110	974.3	720.3	403.2	674.7	915.2	716.9	441.3	725.0	100-110	614.3	8626	66.7,66.7
120	1081	883.0	639.8	834.2	1013	887.5	678.4	905.8	110-120	770.0	9396	72.6,72.6
130	1201	1036	853.5	986.7	1135	1030	890.3	1050	120-130	845.1	10241	79.1,79.1
140	1282	1153	1038	1105	1224	1139	1068	1168	130-140	838.4	11080	85.6,85.6
150	1328	1254	1187	1215	1275	1243	1211	1269	140-150	750.5	11830	91.4,91.4
160	1368	1331	1299	1308	1329	1325	1315	1343	150-160	595.3	12426	96,96
170	1391	1379	1369	1368	1373	1377	1377	1385	160-170	383.2	12809	99,99
180	696.3	696.3	696.3	696.3	696.3	696.3	696.3	696.3	170-180	132.2	12941	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:0.8020A P:96.80W PF:0.9900 Freq:60.00Hz Lamp Flux:12940.9x1 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	13864	2838
80	12594	3127
75	11232	3395
70	9314	3590
65	7982	3740
60	7032	3841
55	6327	3917
50	5773	3973
45	5326	4013

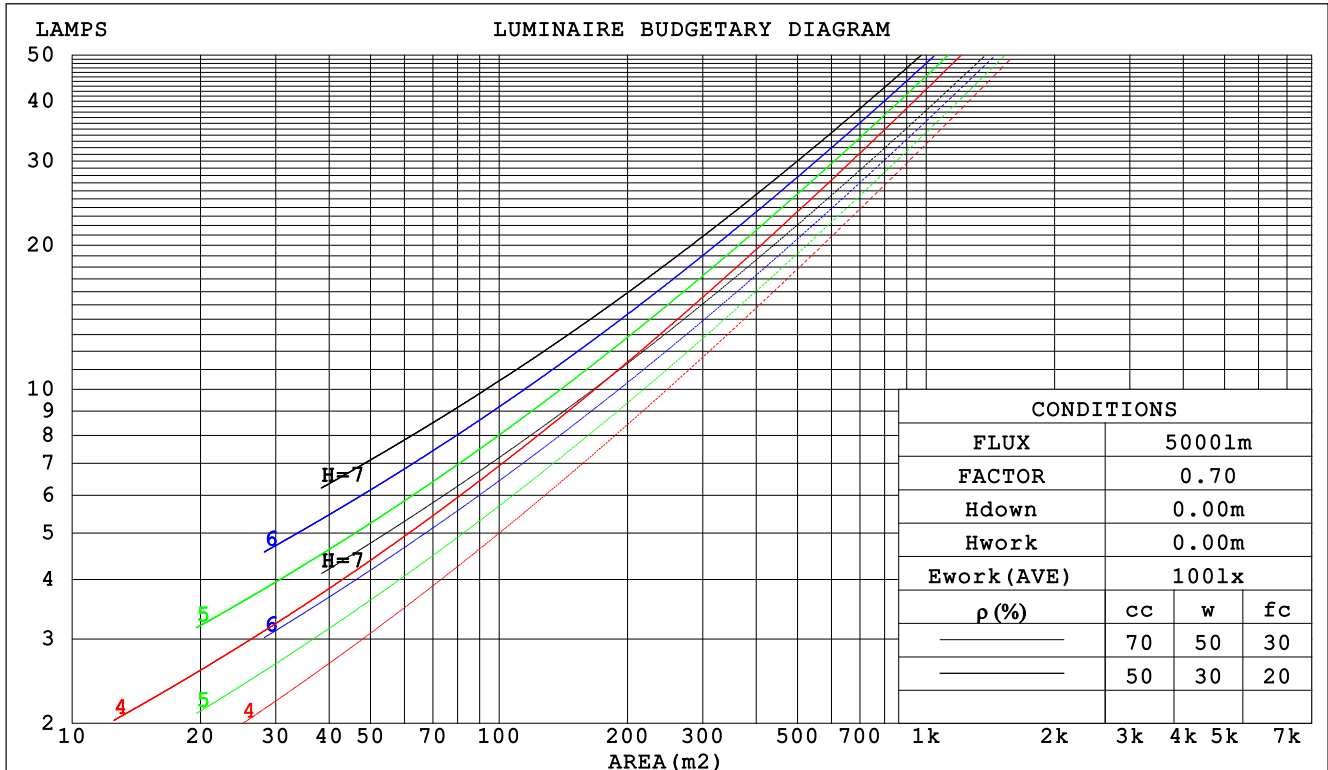
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.8020A P:96.80W PF:0.9900 Freq:60.00Hz Lamp Flux:12940.9x1 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	.64	.60	.55	.55	.52	.48	.47	.44	.41	.37
3.0	.69	.61	.54	.65	.57	.51	.56	.50	.45	.48	.43	.40	.40	.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:0.8020A P:96.80W PF:0.9900 Freq:60.00Hz Lamp Flux:12940.9x1 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	.250	.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	.496	.496	.496	.424	.424	.424	.289	.289	.289	.166	.166	.166	.053	.053	.053	
1.0	.490	.464	.440	.419	.398	.379	.287	.274	.262	.165	.158	.152	.053	.051	.049	
2.0	.483	.442	.407	.414	.380	.352	.284	.263	.245	.164	.153	.144	.052	.049	.047	
3.0	.476	.426	.385	.408	.367	.334	.280	.255	.234	.162	.149	.138	.052	.048	.045	
4.0	.469	.414	.371	.403	.358	.323	.277	.249	.227	.160	.146	.134	.052	.048	.044	
5.0	.462	.404	.362	.397	.350	.315	.274	.244	.222	.158	.144	.132	.051	.047	.043	
6.0	.456	.397	.355	.392	.344	.309	.270	.241	.219	.157	.142	.130	.051	.046	.043	
7.0	.449	.391	.350	.386	.339	.305	.267	.237	.216	.155	.140	.128	.050	.046	.042	
8.0	.443	.385	.346	.381	.334	.301	.264	.235	.214	.154	.138	.127	.050	.045	.042	
9.0	.437	.381	.343	.377	.331	.299	.261	.232	.212	.152	.137	.127	.049	.045	.042	
10.0	.432	.377	.340	.372	.327	.297	.258	.230	.211	.151	.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:0.8020A P:96.80W PF:0.9900 Freq:60.00Hz Lamp Flux:12940.9x1 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	17.3	18.4	18.0	19.2	20.1	14.9	16.0	15.7	16.8	17.7
3H	20.1	21.1	20.9	21.9	22.9	16.5	17.5	17.2	18.3	19.2
4H	21.7	22.6	22.5	23.4	24.4	17.1	18.0	17.9	18.8	19.9
6H	23.0	23.9	23.9	24.7	25.8	17.5	18.4	18.4	19.2	20.3
8H	23.6	24.4	24.4	25.3	26.3	17.7	18.5	18.5	19.4	20.4
12H	24.0	24.8	24.8	25.6	26.7	17.7	18.6	18.6	19.4	20.5
4H 2H	17.8	18.7	18.6	19.5	20.6	16.1	17.0	16.9	17.9	18.9
3H	20.8	21.6	21.7	22.5	23.6	17.9	18.7	18.7	19.6	20.6
4H	22.5	23.3	23.4	24.1	25.2	18.7	19.4	19.6	20.3	21.4
6H	24.1	24.7	25.0	25.6	26.7	19.3	20.0	20.2	20.9	22.0
8H	24.7	25.3	25.6	26.2	27.4	19.5	20.1	20.4	21.0	22.1
12H	25.2	25.8	26.1	26.7	27.8	19.6	20.2	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	21.7	22.2	23.3
8H	25.4	25.8	26.3	26.8	28.0	21.1	21.5	22.0	22.5	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	20.1	20.6	21.0	21.5	22.7
6H	24.7	25.1	25.6	26.0	27.2	21.2	21.7	22.1	22.6	23.8
8H	25.5	25.9	26.5	26.9	28.1	21.7	22.1	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 12941 lm Total Lamp Luminous Flux.(8log(F/F0) = 8.9)

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:0.8020A P:96.80W PF:0.9900 Freq:60.00Hz Lamp Flux:12940.9x1 lm		
NAME: 14代 8FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

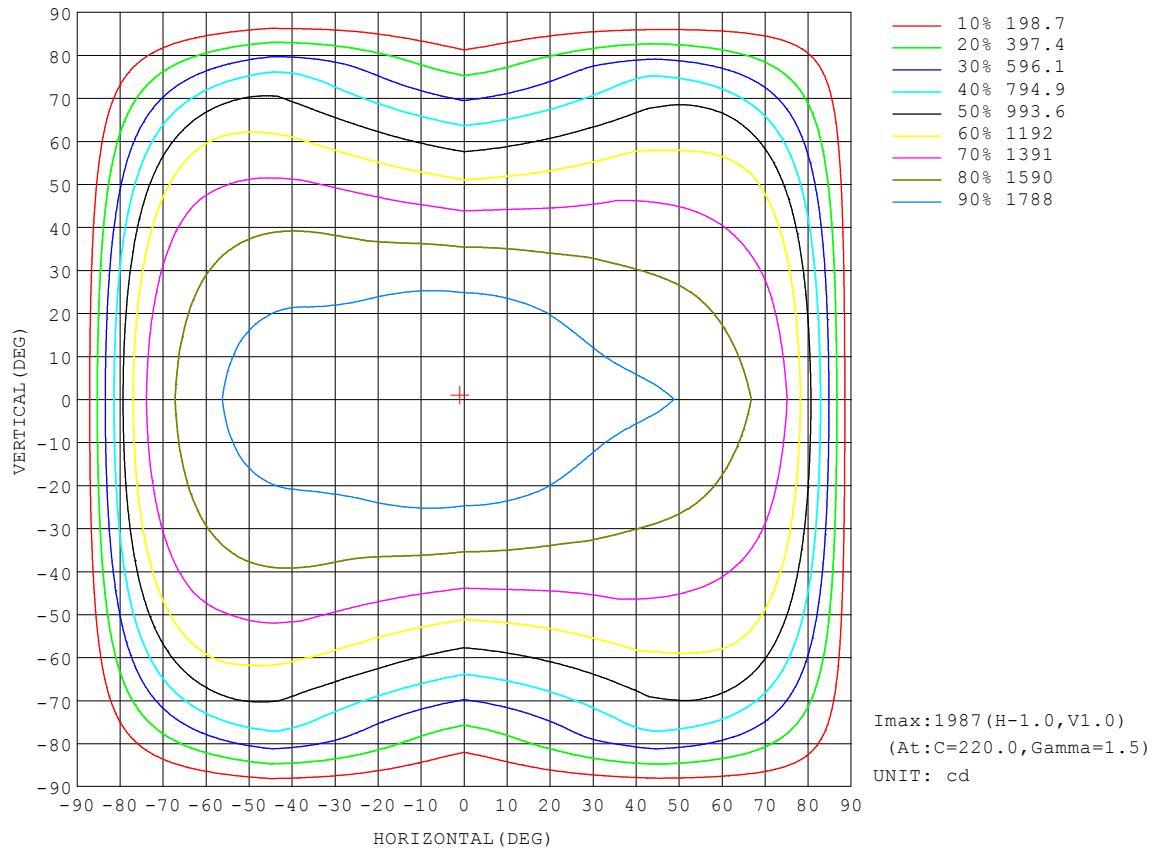
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	43	31	24	41	30	24	37	28	22	15
0.80	52	40	32	50	38	31	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:0.8020A P:96.80W PF:0.9900 Freq:60.00Hz Lamp Flux:12940.9x1 lm		
NAME: 14代 8FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

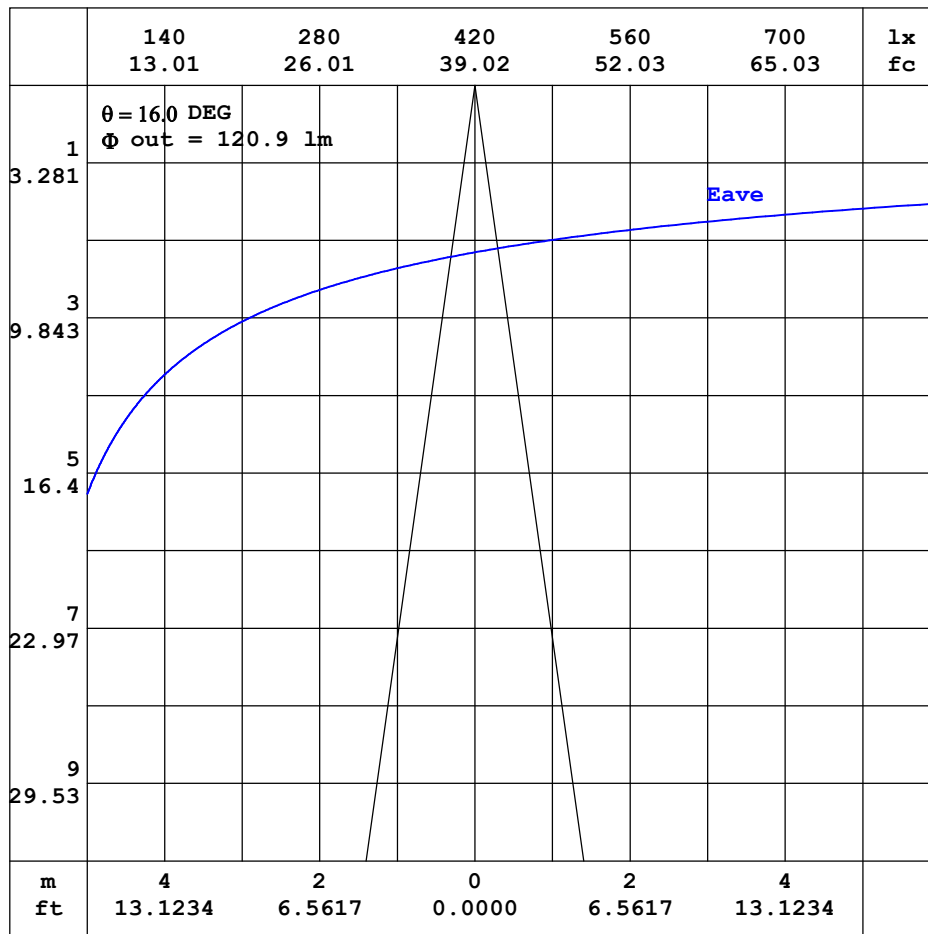


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:0.8020A P:96.80W PF:0.9900 Freq:60.00Hz Lamp Flux:12940.9x1 lm		
NAME: 14代 8FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:



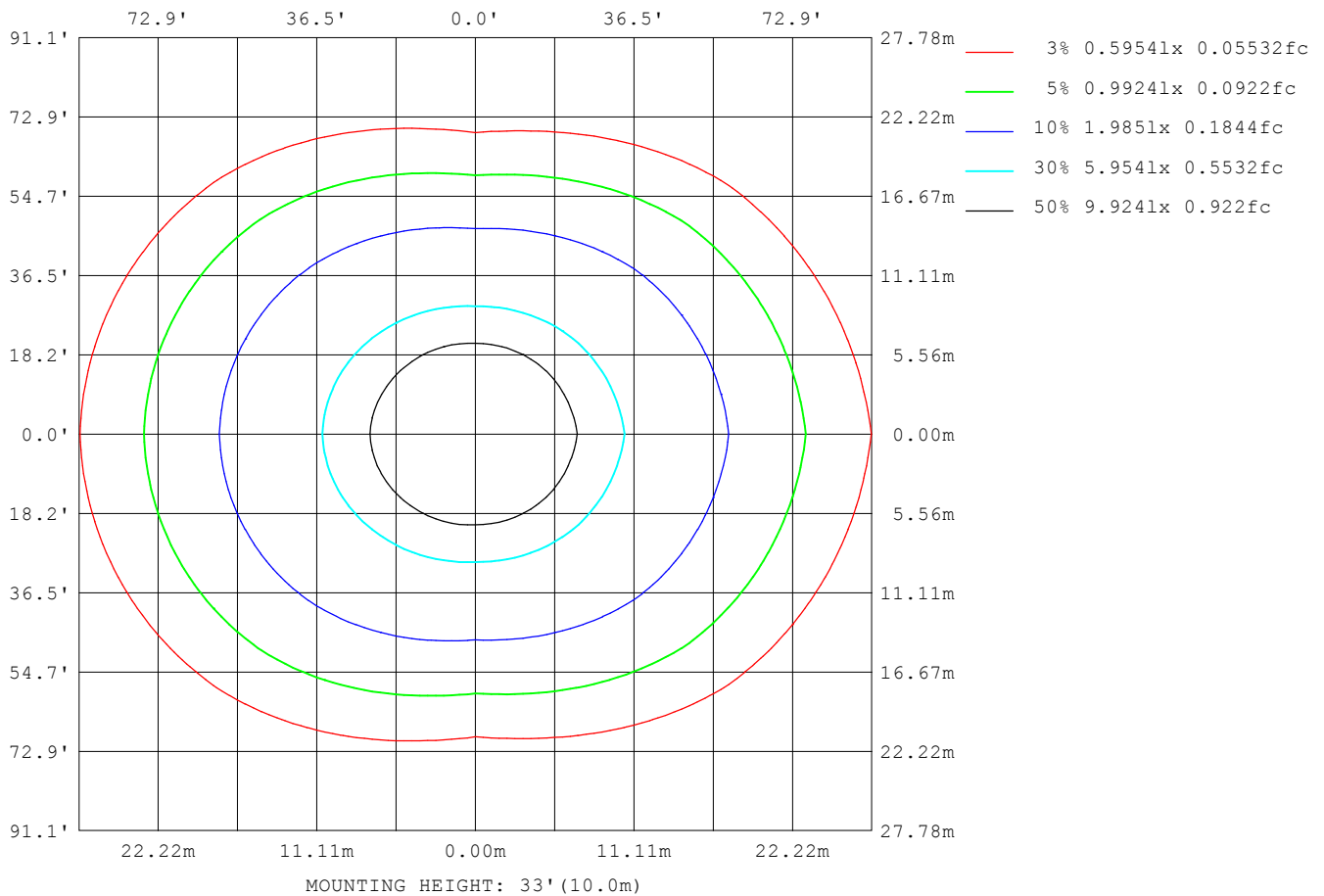
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.8020A P:96.80W PF:0.9900 Freq:60.00Hz Lamp Flux:12940.9x1 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:0.8020A P:96.80W PF:0.9900 Freq:60.00Hz Lamp Flux:12940.9x1 lm		
NAME: 14代 8FT	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

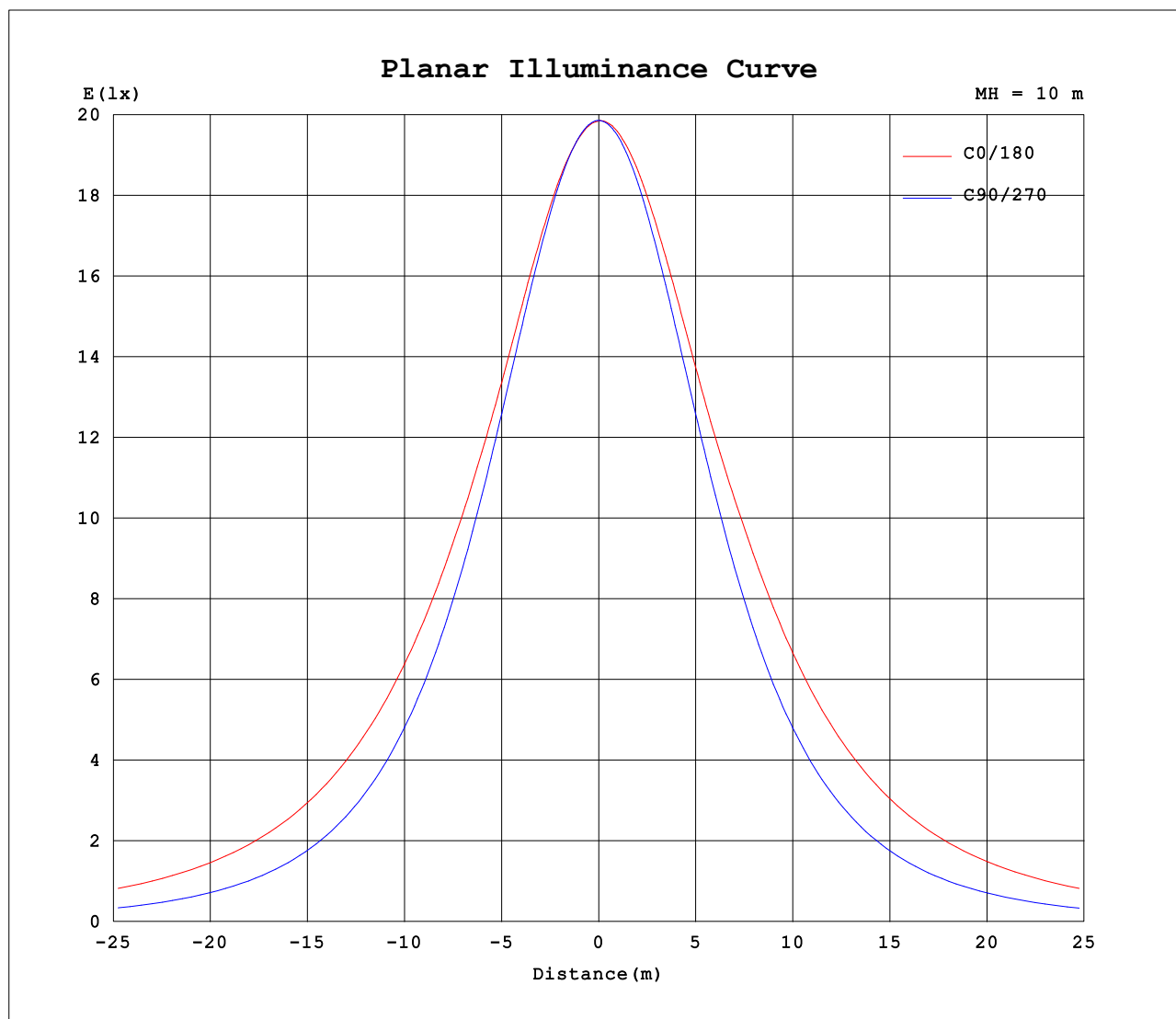
AvgL	cd/m2
L_0~180 (65) av	8032
L_0~180 (75) av	10993
L_0~180 (85) av	12064
L_90~270 (65) av	3712
L_90~270 (75) av	3323
L_90~270 (85) av	2550
L_45 (65) av	6187
L_45 (75) av	8016
L_45 (85) av	10648

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:0.8020A P:96.80W PF:0.9900 Freq:60.00Hz Lamp Flux:12940.9x1 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	1985	1985	1985	1985	1985	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986
5	1975	1975	1975	1975	1975	1975	1975	1975	1975	1975	1975	1975	1976	1976	1976	1976	1977	1977	1977
10	1959	1958	1957	1957	1956	1955	1955	1955	1954	1954	1953	1953	1952	1952	1952	1952	1952	1952	1953
15	1936	1934	1932	1930	1928	1927	1925	1924	1922	1921	1919	1917	1915	1914	1913	1912	1912	1912	1912
20	1909	1904	1900	1896	1893	1889	1885	1882	1879	1876	1872	1868	1865	1862	1860	1858	1856	1856	1856
25	1876	1870	1863	1857	1850	1844	1839	1833	1828	1822	1816	1809	1803	1798	1793	1789	1786	1785	1784
30	1853	1841	1830	1818	1808	1797	1787	1778	1768	1760	1749	1738	1729	1720	1713	1706	1702	1699	1698
35	1839	1820	1801	1783	1766	1750	1734	1719	1704	1691	1674	1659	1645	1632	1621	1612	1605	1600	1599
40	1824	1799	1774	1750	1727	1704	1683	1662	1642	1623	1600	1578	1557	1539	1522	1508	1498	1490	1487
45	1808	1777	1747	1718	1689	1661	1634	1607	1582	1556	1525	1494	1466	1439	1416	1396	1380	1368	1362
50	1781	1746	1712	1678	1645	1612	1579	1547	1516	1485	1444	1404	1366	1332	1300	1273	1251	1235	1226
55	1742	1705	1668	1630	1593	1556	1519	1483	1446	1409	1358	1309	1262	1218	1177	1142	1114	1092	1078
60	1688	1649	1610	1571	1531	1490	1450	1408	1366	1324	1264	1205	1149	1095	1046	1003	967	940	922
65	1619	1579	1537	1495	1452	1408	1363	1318	1271	1224	1156	1089	1024	962	906	855	813	781	759
70	1529	1488	1446	1402	1357	1311	1264	1215	1165	1113	1038	964	891	822	758	702	653	615	589
75	1395	1359	1320	1279	1236	1191	1144	1095	1044	991	912	832	754	680	610	548	495	452	422
80	1050	1044	1034	1020	1001	977	949	917	880	838	764	688	611	536	465	400	343	296	261
85	580	587	590	589	584	576	563	547	527	504	456	407	357	307	259	215	176	143	119
90	99.8	101	101	100.0	98.7	96.9	94.3	91.2	87.3	82.9	74.2	65.1	56.0	47.0	38.4	30.5	23.6	17.9	13.7
95	369	353	336	319	303	286	270	253	236	220	197	175	154	134	116	99.3	85.7	75.0	67.7
100	641	626	610	592	573	553	531	508	484	458	419	380	341	303	268	235	207	184	167
105	844	829	812	794	773	750	725	699	671	640	593	545	497	450	407	367	332	303	282
110	974	949	923	897	869	841	812	782	752	720	676	632	589	548	510	476	446	421	403
115	1029	1005	981	956	931	905	879	852	824	797	758	720	683	648	615	586	560	539	524
120	1081	1061	1041	1020	998	977	954	931	907	883	849	816	783	752	723	696	673	654	640
125	1145	1127	1108	1089	1069	1049	1029	1008	987	965	935	906	877	849	823	800	780	763	750
130	1201	1184	1166	1148	1130	1112	1093	1075	1056	1036	1011	986	961	937	916	896	879	864	854
135	1248	1231	1214	1197	1180	1164	1147	1130	1114	1097	1077	1056	1037	1018	1001	985	971	960	952
140	1282	1267	1252	1237	1223	1208	1194	1180	1166	1153	1136	1120	1105	1090	1077	1065	1054	1045	1038
145	1306	1294	1283	1271	1260	1249	1238	1227	1216	1206	1193	1181	1169	1158	1147	1138	1130	1123	1117
150	1328	1320	1311	1303	1294	1286	1278	1270	1262	1254	1245	1235	1227	1218	1210	1203	1197	1192	1187
155	1349	1343	1337	1331	1325	1320	1314	1308	1302	1297	1290	1283	1277	1271	1265	1260	1255	1251	1248
160	1368	1364	1360	1355	1351	1347	1343	1339	1335	1331	1327	1322	1318	1314	1310	1307	1304	1301	1299
165	1382	1379	1376	1374	1371	1369	1366	1364	1361	1359	1356	1354	1351	1349	1346	1344	1342	1341	1339
170	1391	1389	1388	1386	1385	1384	1382	1381	1380	1379	1377	1376	1375	1374	1373	1372	1371	1370	1369
175	1396	1396	1395	1395	1394	1394	1393	1393	1392	1392	1391	1391	1390	1390	1389	1389	1388	1388	1388
180	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696

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:0.8020A P:96.80W PF:0.9900 Freq:60.00Hz Lamp Flux:12940.9x1 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	1986	1985	1985	1985	1984	1984	1984	1983	1983	1983	1983	1983	1984	1984	1984	1984	1985	1985	1985
5	1978	1979	1979	1980	1981	1981	1982	1983	1983	1984	1984	1985	1985	1986	1986	1986	1986	1987	1987
10	1954	1956	1958	1959	1961	1963	1965	1967	1969	1971	1972	1974	1975	1976	1977	1978	1978	1979	1979
15	1915	1918	1921	1925	1928	1932	1936	1941	1945	1948	1951	1954	1957	1960	1962	1964	1965	1966	1965
20	1860	1864	1870	1875	1882	1888	1895	1902	1908	1915	1920	1926	1931	1936	1940	1943	1946	1947	1945
25	1790	1796	1804	1813	1822	1832	1842	1853	1863	1873	1883	1892	1900	1908	1914	1920	1924	1926	1923
30	1705	1714	1725	1737	1750	1764	1779	1794	1809	1824	1839	1853	1866	1878	1888	1897	1903	1908	1903
35	1608	1619	1633	1649	1667	1686	1706	1727	1748	1771	1794	1816	1837	1856	1873	1887	1899	1906	1898
40	1498	1512	1530	1551	1574	1600	1626	1654	1683	1714	1746	1776	1805	1832	1855	1876	1892	1903	1892
45	1377	1397	1422	1450	1481	1515	1550	1587	1625	1663	1701	1737	1771	1803	1831	1854	1873	1885	1873
50	1246	1272	1305	1341	1382	1426	1471	1518	1565	1609	1652	1692	1730	1764	1794	1819	1839	1852	1839
55	1103	1136	1175	1221	1270	1324	1379	1436	1492	1541	1589	1633	1674	1711	1744	1770	1790	1804	1790
60	951	989	1036	1089	1148	1210	1274	1340	1405	1458	1509	1556	1600	1638	1672	1699	1719	1732	1717
65	791	834	885	945	1010	1079	1151	1224	1296	1353	1407	1457	1502	1543	1578	1606	1627	1640	1626
70	623	668	723	786	856	930	1007	1085	1162	1222	1278	1331	1379	1421	1458	1487	1509	1523	1510
75	456	503	561	627	699	776	856	936	1014	1070	1122	1170	1213	1250	1282	1307	1325	1336	1326
80	298	347	406	473	545	619	695	769	839	869	892	911	924	933	938	939	936	930	931
85	146	180	221	266	314	364	412	458	501	506	507	503	496	486	473	459	444	429	430
90	20.3	28.2	37.2	46.6	56.2	65.5	74.2	81.8	87.9	81.1	72.9	63.6	53.6	43.4	33.4	23.9	15.4	8.25	13.4
95	77.8	91.1	107	125	144	165	185	206	225	233	239	244	248	251	254	257	260	262	274
100	182	203	229	259	292	326	362	398	433	452	470	486	500	513	523	532	539	545	552
105	299	324	355	391	431	473	516	560	602	629	652	674	693	710	724	735	743	748	749
110	416	434	459	488	521	557	595	635	675	710	745	778	810	838	864	885	903	915	908
115	533	548	567	591	618	648	680	713	747	779	811	842	871	897	922	942	960	972	967
120	648	661	678	699	723	749	776	805	834	860	886	910	933	954	973	990	1003	1013	1010
125	757	767	782	799	819	841	865	889	914	938	960	982	1003	1022	1040	1055	1068	1077	1074
130	858	866	878	892	908	926	945	966	987	1007	1028	1048	1067	1085	1101	1115	1126	1135	1132
135	954	959	967	977	989	1002	1017	1032	1049	1067	1085	1104	1121	1137	1152	1166	1177	1185	1182
140	1039	1042	1047	1053	1061	1070	1081	1092	1105	1120	1136	1151	1167	1181	1194	1206	1216	1224	1221
145	1117	1118	1121	1125	1130	1136	1143	1151	1160	1171	1183	1195	1206	1218	1228	1237	1245	1252	1249
150	1187	1187	1189	1191	1195	1199	1204	1209	1215	1222	1229	1237	1245	1252	1259	1265	1270	1275	1274
155	1248	1248	1249	1250	1253	1255	1258	1262	1265	1269	1274	1278	1282	1287	1291	1294	1297	1300	1300
160	1298	1298	1298	1299	1300	1302	1303	1305	1308	1310	1313	1315	1318	1321	1323	1325	1328	1329	1330
165	1339	1338	1338	1338	1339	1339	1340	1341	1342	1343	1344	1346	1347	1349	1350	1352	1353	1354	1355
170	1369	1368	1368	1368	1368	1367	1367	1368	1368	1368	1369	1369	1370	1370	1371	1372	1372	1373	1373
175	1387	1387	1387	1386	1386	1386	1386	1386	1386	1386	1386	1386	1386	1386	1386	1386	1386	1387	1387
180	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696

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:0.8020A P:96.80W PF:0.9900 Freq:60.00Hz Lamp Flux:12940.9x1 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	1985	1985	1985	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1985
5	1987	1987	1986	1986	1986	1985	1985	1985	1984	1983	1983	1982	1981	1980	1980	1979	1978	1977	1976
10	1978	1977	1977	1976	1974	1973	1972	1970	1968	1966	1964	1962	1961	1959	1957	1955	1954	1953	1952
15	1963	1962	1959	1957	1954	1951	1947	1944	1940	1936	1932	1928	1925	1921	1918	1915	1913	1912	1911
20	1943	1939	1935	1930	1925	1920	1914	1907	1901	1894	1888	1881	1875	1870	1865	1860	1856	1856	1856
25	1919	1913	1906	1898	1890	1881	1871	1861	1851	1841	1831	1821	1812	1804	1796	1790	1784	1784	1785
30	1896	1887	1876	1864	1851	1836	1822	1806	1792	1777	1763	1749	1736	1724	1714	1705	1698	1698	1701
35	1886	1872	1854	1835	1814	1791	1768	1745	1724	1703	1683	1664	1647	1631	1617	1606	1597	1599	1603
40	1876	1856	1833	1806	1777	1747	1716	1684	1655	1626	1599	1573	1550	1528	1510	1495	1484	1488	1495
45	1856	1833	1806	1775	1741	1705	1668	1630	1592	1554	1518	1483	1451	1422	1396	1375	1360	1366	1378
50	1820	1795	1765	1731	1694	1654	1611	1567	1519	1472	1425	1381	1339	1302	1269	1242	1221	1231	1247
55	1769	1742	1710	1672	1631	1586	1538	1488	1432	1375	1319	1265	1215	1170	1130	1097	1072	1086	1108
60	1696	1667	1633	1593	1548	1500	1448	1394	1329	1264	1199	1138	1080	1027	981	943	914	932	960
65	1603	1574	1538	1497	1450	1399	1344	1287	1214	1141	1069	999	934	874	822	779	747	769	802
70	1488	1458	1422	1380	1332	1279	1222	1162	1083	1004	926	850	779	714	657	611	576	600	637
75	1309	1285	1254	1217	1175	1127	1075	1019	939	856	775	695	620	552	491	441	404	431	471
80	928	922	912	899	881	859	832	800	731	659	585	513	443	379	321	273	236	264	304
85	430	430	429	427	423	418	409	398	362	324	285	246	208	173	142	115	94.6	109	131
90	19.9	27.5	35.8	44.4	53.0	61.1	68.5	74.6	70.1	64.4	57.7	50.4	42.9	35.4	28.3	21.9	16.4	18.7	22.1
95	286	297	307	316	323	327	329	328	303	275	246	217	188	160	136	115	98.6	115	136
100	558	561	563	561	557	550	539	525	487	446	403	362	321	284	251	223	202	223	251
105	747	742	734	723	709	692	672	650	608	565	521	479	438	401	368	340	320	339	365
110	896	880	860	836	809	780	749	717	678	640	602	566	533	502	477	456	441	456	477
115	958	944	927	907	884	859	832	804	770	737	703	672	642	616	593	575	562	576	595
120	1004	994	982	967	950	930	910	887	859	830	801	774	748	725	705	690	678	691	708
125	1068	1059	1048	1034	1019	1001	983	963	939	914	890	867	846	827	810	797	788	799	814
130	1126	1117	1107	1094	1080	1064	1047	1030	1010	990	971	952	935	920	907	897	890	899	911
135	1175	1167	1156	1144	1131	1117	1101	1086	1070	1055	1041	1027	1015	1004	995	988	984	990	1000
140	1215	1207	1198	1188	1176	1164	1151	1139	1127	1116	1106	1096	1088	1081	1075	1071	1068	1074	1081
145	1245	1240	1234	1226	1218	1209	1200	1191	1183	1175	1168	1162	1156	1151	1147	1145	1144	1148	1154
150	1272	1270	1266	1262	1258	1253	1248	1243	1238	1233	1228	1223	1219	1216	1213	1211	1211	1214	1219
155	1300	1300	1298	1297	1295	1293	1291	1288	1285	1282	1279	1276	1273	1271	1269	1268	1267	1270	1274
160	1330	1330	1330	1329	1329	1328	1327	1325	1324	1322	1320	1319	1317	1316	1315	1315	1315	1317	1319
165	1355	1355	1356	1356	1356	1355	1355	1355	1354	1354	1353	1352	1352	1352	1351	1351	1351	1353	1354
170	1374	1374	1375	1375	1376	1376	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1377	1378	1379
175	1387	1388	1388	1389	1389	1390	1390	1391	1391	1391	1391	1391	1391	1391	1391	1392	1392	1392	1392
180	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696

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:0.8020A P:96.80W PF:0.9900 Freq:60.00Hz Lamp Flux:12940.9x1 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	1985	1985	1984	1984	1984	1983	1983	1983	1983	1983	1983	1984	1984	1984	1984				
5	1976	1975	1974	1974	1973	1973	1973	1972	1972	1972	1973	1973	1973	1974	1974				
10	1951	1951	1950	1950	1950	1950	1951	1951	1951	1952	1953	1954	1955	1956	1957				
15	1911	1912	1912	1913	1914	1916	1917	1919	1920	1922	1924	1926	1928	1931	1933				
20	1857	1858	1860	1863	1866	1869	1873	1876	1879	1883	1887	1890	1895	1899	1904				
25	1788	1791	1795	1800	1806	1812	1818	1824	1829	1835	1841	1848	1854	1861	1869				
30	1705	1710	1717	1726	1735	1745	1755	1764	1774	1784	1794	1805	1816	1828	1840				
35	1610	1619	1630	1643	1657	1672	1689	1703	1717	1732	1748	1765	1782	1801	1819				
40	1507	1521	1538	1557	1578	1601	1625	1644	1664	1685	1706	1728	1751	1775	1799				
45	1394	1414	1438	1465	1494	1525	1557	1582	1608	1634	1662	1689	1718	1747	1777				
50	1269	1297	1329	1364	1403	1443	1484	1516	1547	1579	1612	1645	1678	1712	1747				
55	1137	1172	1213	1258	1305	1355	1406	1443	1480	1518	1555	1592	1630	1667	1704				
60	996	1039	1088	1142	1199	1258	1318	1361	1403	1445	1486	1527	1568	1608	1648				
65	844	894	951	1013	1078	1146	1214	1262	1309	1356	1402	1447	1491	1534	1577				
70	684	740	802	871	943	1017	1093	1145	1197	1247	1297	1345	1393	1439	1485				
75	522	582	650	723	800	879	958	1013	1066	1117	1167	1216	1263	1308	1353				
80	353	411	474	542	613	684	755	799	840	878	914	946	976	1004	1028				
85	157	188	223	260	300	339	379	406	431	455	479	501	522	543	562				
90	26.5	31.7	37.5	43.9	50.6	57.5	64.3	68.9	73.3	77.5	81.6	85.6	89.4	93.0	96.5				
95	161	189	219	250	282	312	341	355	366	374	380	383	384	381	377				
100	285	323	365	408	453	496	539	562	582	599	613	625	633	639	641				
105	397	433	474	517	562	607	651	680	706	731	754	776	795	813	830				
110	503	534	568	605	644	684	725	754	783	812	840	868	895	922	948				
115	619	647	678	711	746	782	818	844	869	894	918	941	964	986	1008				
120	730	755	782	812	843	874	906	928	949	970	990	1009	1028	1046	1064				
125	832	853	877	902	929	956	983	1003	1022	1041	1059	1077	1095	1112	1129				
130	926	943	962	983	1005	1027	1050	1067	1085	1102	1118	1135	1152	1169	1185				
135	1011	1025	1040	1056	1074	1092	1110	1125	1140	1155	1170	1185	1201	1216	1232				
140	1090	1101	1112	1125	1139	1153	1168	1180	1192	1204	1217	1229	1242	1255	1268				
145	1162	1170	1179	1189	1199	1210	1221	1230	1239	1249	1258	1267	1277	1287	1296				
150	1224	1231	1238	1245	1253	1261	1269	1275	1282	1289	1295	1302	1308	1315	1322				
155	1278	1282	1287	1293	1298	1304	1310	1314	1319	1323	1328	1332	1337	1341	1345				
160	1322	1325	1328	1332	1335	1339	1343	1346	1349	1351	1354	1357	1360	1363	1365				
165	1356	1358	1359	1361	1364	1366	1368	1369	1371	1373	1374	1376	1377	1379	1380				
170	1379	1380	1381	1382	1383	1384	1385	1386	1387	1387	1388	1389	1389	1390	1390				
175	1393	1393	1394	1394	1394	1395	1395	1395	1396	1396	1396	1396	1396	1396	1396				
180	696	696	696	696	696	696	696	696	696	696	696	696	696	696	696				

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: