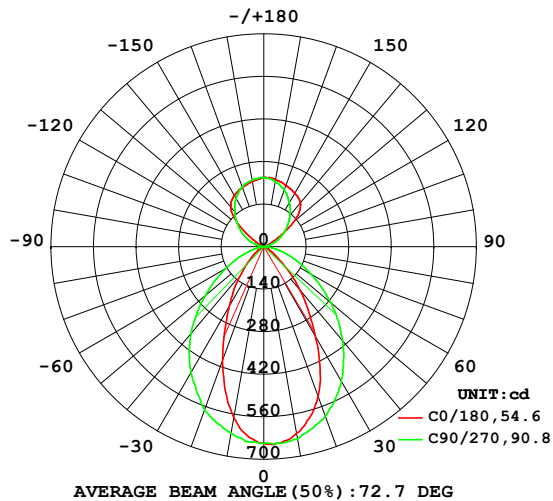


LUMINAIRE PHOTOMETRIC TEST REPORT

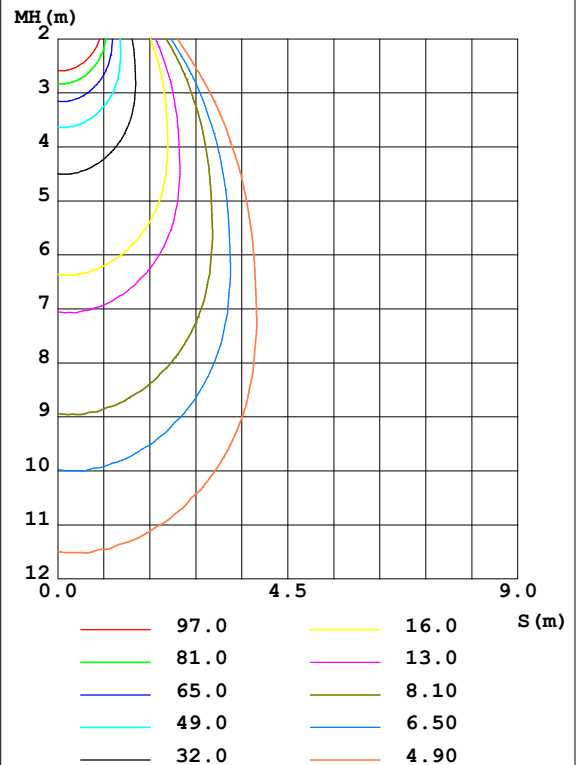
Test:U:121.8V I:0.1230A P:14.70W PF:0.9800 Freq:60.00Hz Lamp Flux:1459.61x1 lm		
NAME: 12代 1FT 黑色	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 99.29 lm/W			
MODEL		I _{max} (cd)	653.9	S/MH (C0/180)	0.94
NOMINAL POWER(W)	15W	LOR(%)	100.0	S/MH (C90/270)	1.12
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	1459.6	η UP,DN (C0-180)	17.1,34.0
NOMINAL FLUX(lm)	1459.61	CIE CLASS	SEMI-D.	η UP,DN (C180-360)	18.6,30.3
LAMPS INSIDE	1	η up (%)	35.7	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)	120.0	η down (%)	64.3	CIBSE SHR MAX	1.00

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:

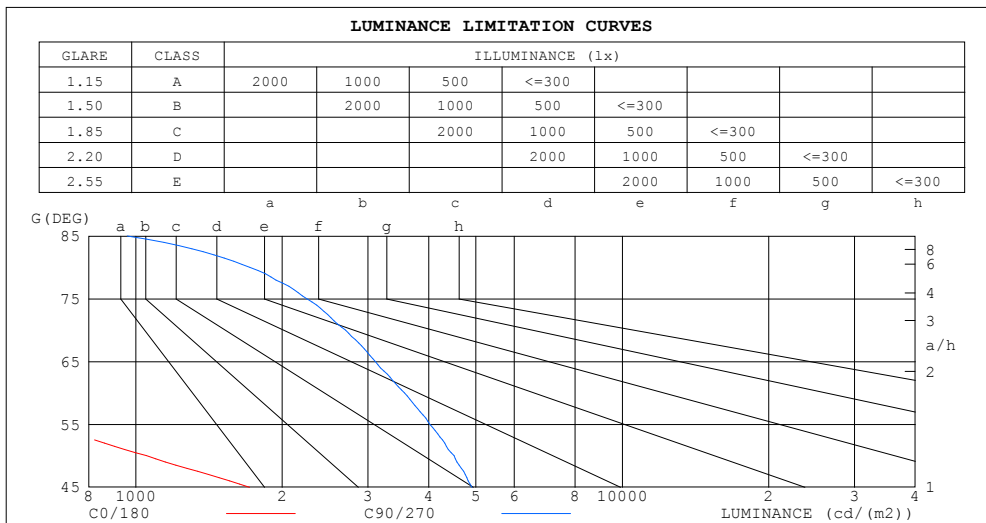
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	623.8	640.9	643.3	615.7	570.3	594.1	622.3	617.2	0- 10	60.40	60.40	4.14,4.14
20	523.4	571.8	593.7	500.3	397.4	462.8	570.8	532.6	10- 20	160.6	221.0	15.1,15.1
30	339.7	454.7	510.5	346.5	227.6	313.0	478.9	395.3	20- 30	208.1	429.1	29.4,29.4
40	184.3	290.5	404.1	208.5	114.1	185.5	372.6	239.3	30- 40	196.9	626.0	42.9,42.9
50	67.56	168.3	289.8	117.6	45.74	103.5	252.5	130.7	40- 50	151.8	777.9	53.3,53.3
60	20.44	72.06	178.4	50.51	16.40	42.63	144.8	47.17	50- 60	96.02	873.9	59.9,59.9
70	4.426	18.05	92.29	15.62	3.273	12.21	63.52	10.99	60- 70	46.19	920.1	63,63
80	1.897	2.721	29.79	2.670	1.590	2.599	9.678	2.529	70- 80	15.74	935.8	64.1,64.1
90	1.413	1.773	0.2576	1.816	1.133	2.175	0.0000	2.228	80- 90	3.227	939.1	64.3,64.3
100	2.223	2.106	5.851	2.130	1.838	3.025	11.12	3.084	90-100	2.136	941.2	64.5,64.5
110	8.839	15.92	32.45	12.34	5.229	19.89	40.93	23.97	100-110	10.56	951.8	65.2,65.2
120	40.32	69.57	64.76	60.12	24.83	76.21	75.02	85.39	110-120	39.23	991.0	67.9,67.9
130	131.0	118.7	98.94	111.5	96.86	129.2	111.9	135.1	120-130	80.26	1071	73.4,73.4
140	187.8	152.8	134.0	148.8	169.5	165.1	148.6	168.7	130-140	107.7	1179	80.8,80.8
150	204.3	180.8	168.3	177.9	195.5	188.6	183.3	192.0	140-150	108.3	1287	88.2,88.2
160	216.1	202.2	197.4	199.1	207.3	207.7	209.8	211.8	150-160	90.61	1378	94.4,94.4
170	224.9	221.7	218.6	217.9	217.7	220.5	222.7	224.0	160-170	60.37	1438	98.5,98.5
180	226.3	226.3	226.3	226.3	226.3	226.3	226.3	226.3	170-180	21.38	1460	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:121.8V I:0.1230A P:14.70W PF:0.9800 Freq:60.00Hz Lamp Flux:1459.61x1 lm		
NAME: 12代 1FT 黑色	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



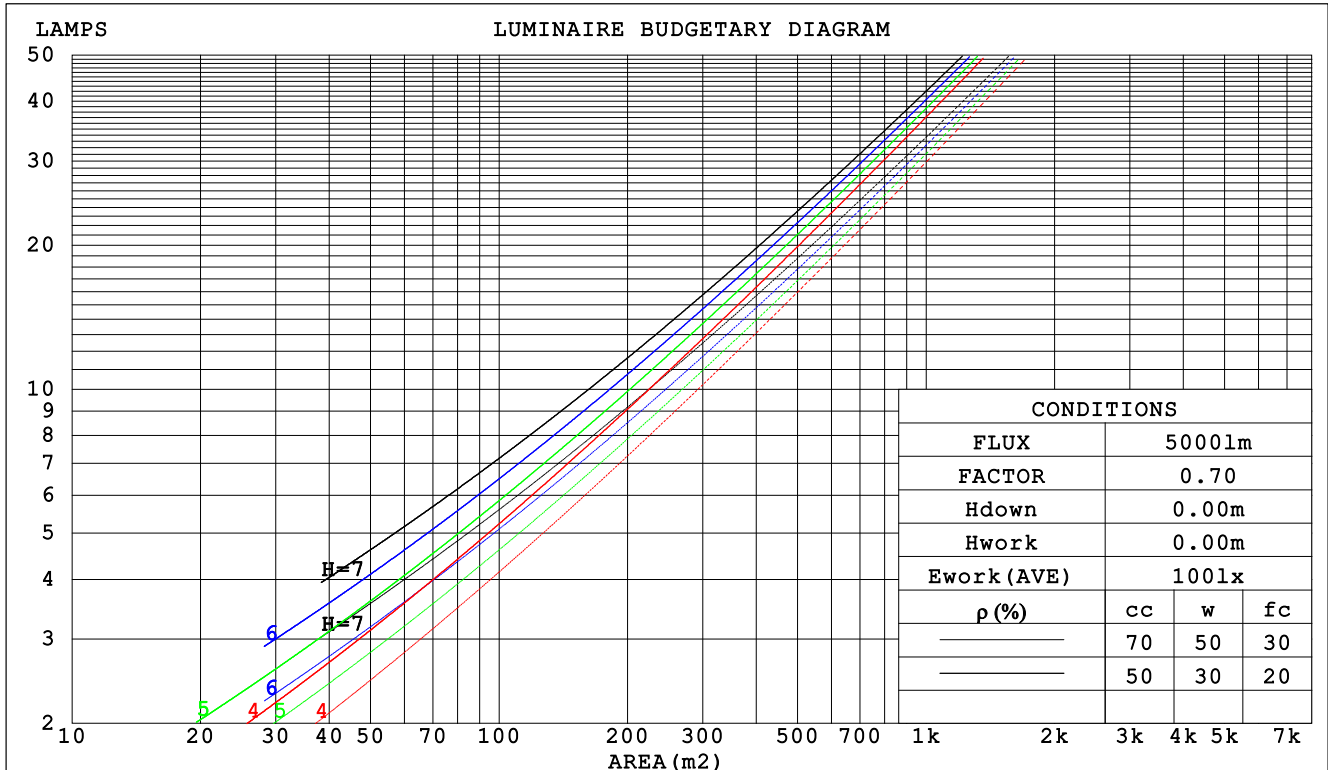
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:121.8V I:0.1230A P:14.70W PF:0.9800 Freq:60.00Hz Lamp Flux:1459.61x1 lm		
NAME: 12代 1FT 黑色	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	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	1.11	1.11	1.11	1.04	1.04	1.04	.91	.91	.91	.80	.80	.80	.69	.69	.69	.64
1.0	.99	.96	.93	.93	.90	.88	.83	.81	.79	.73	.71	.70	.64	.63	.62	.58
2.0	.88	.83	.79	.84	.79	.75	.75	.71	.68	.66	.64	.61	.58	.56	.55	.51
3.0	.79	.73	.68	.75	.69	.65	.67	.63	.59	.60	.57	.54	.53	.51	.49	.45
4.0	.72	.64	.59	.68	.62	.57	.61	.56	.52	.55	.51	.48	.49	.46	.44	.41
5.0	.65	.57	.52	.62	.55	.50	.56	.50	.46	.50	.46	.43	.45	.42	.39	.36
6.0	.59	.52	.46	.56	.50	.45	.51	.46	.42	.46	.42	.38	.42	.38	.35	.33
7.0	.54	.47	.41	.52	.45	.40	.47	.41	.37	.43	.38	.35	.39	.35	.32	.30
8.0	.50	.42	.37	.47	.41	.36	.43	.38	.34	.39	.35	.32	.36	.32	.30	.27
9.0	.46	.39	.34	.44	.37	.33	.40	.35	.31	.37	.32	.29	.33	.30	.27	.25
10.0	.42	.36	.31	.41	.34	.30	.37	.32	.29	.34	.30	.27	.31	.28	.25	.23



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:121.8V I:0.1230A P:14.70W PF:0.9800 Freq:60.00Hz Lamp Flux:1459.61x1 lm					
NAME: 12代 1FT 黑色			TYPE:4000K		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.: EVERFINE			SUR.:		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	.240	.136	.043	.222	.127	.040	.189	.109	.035	.159	.092	.029	.131	.076	.024		
2.0	.228	.125	.038	.212	.117	.036	.182	.101	.031	.155	.087	.027	.129	.073	.023		
3.0	.214	.114	.034	.200	.107	.032	.173	.094	.028	.148	.081	.025	.124	.069	.021		
4.0	.201	.104	.031	.188	.098	.029	.163	.087	.026	.140	.075	.023	.119	.065	.020		
5.0	.189	.096	.028	.177	.091	.026	.154	.080	.024	.133	.070	.021	.113	.060	.018		
6.0	.177	.089	.025	.166	.084	.024	.145	.074	.022	.126	.065	.019	.107	.057	.017		
7.0	.167	.082	.023	.157	.078	.022	.137	.069	.020	.119	.061	.018	.102	.053	.016		
8.0	.157	.077	.022	.148	.073	.021	.130	.065	.019	.113	.057	.017	.097	.050	.015		
9.0	.149	.072	.020	.140	.068	.019	.123	.061	.017	.107	.054	.015	.093	.047	.014		
10.0	.141	.067	.019	.133	.064	.018	.117	.057	.016	.102	.051	.014	.088	.044	.013		

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	.462	.462	.462	.395	.395	.395	.270	.270	.270	.155	.155	.155	.050	.050	.050	
1.0	.449	.431	.414	.385	.370	.356	.263	.254	.246	.151	.147	.143	.048	.047	.046	
2.0	.440	.408	.382	.376	.351	.330	.258	.243	.230	.149	.141	.135	.048	.046	.044	
3.0	.431	.391	.359	.370	.337	.312	.254	.234	.219	.147	.137	.129	.047	.044	.042	
4.0	.423	.378	.344	.363	.327	.299	.250	.228	.210	.145	.133	.124	.047	.043	.041	
5.0	.417	.368	.333	.358	.319	.290	.246	.223	.204	.143	.131	.121	.046	.043	.040	
6.0	.410	.360	.325	.353	.312	.283	.243	.219	.200	.141	.129	.119	.046	.042	.039	
7.0	.404	.354	.319	.348	.307	.278	.240	.215	.197	.140	.127	.117	.045	.041	.039	
8.0	.399	.348	.314	.343	.302	.274	.238	.212	.194	.138	.125	.116	.045	.041	.038	
9.0	.394	.344	.310	.339	.298	.271	.235	.210	.192	.137	.124	.115	.044	.041	.038	
10.0	.389	.340	.307	.335	.295	.268	.233	.208	.191	.136	.123	.114	.044	.040	.038	

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:121.8V I:0.1230A P:14.70W PF:0.9800 Freq:60.00Hz Lamp Flux:1459.61x1 lm										
NAME: 12代 1FT 黑色					TYPE:4000K			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: EVERFINE					SUR.:			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	10.0	10.9	10.7	11.6	12.4	15.6	16.5	16.3	17.2	18.0
3H	9.7	10.6	10.5	11.3	12.1	16.5	17.3	17.2	18.0	18.9
4H	9.6	10.4	10.3	11.1	12.0	16.8	17.6	17.5	18.3	19.2
6H	9.4	10.2	10.2	10.9	11.8	16.9	17.7	17.7	18.4	19.3
8H	9.4	10.0	10.1	10.8	11.7	17.0	17.6	17.7	18.4	19.3
12H	9.3	9.9	10.1	10.7	11.7	16.9	17.6	17.7	18.4	19.3
4H 2H	10.4	11.2	11.1	11.9	12.8	15.3	16.1	16.1	16.8	17.7
3H	10.1	10.8	10.9	11.6	12.5	16.3	16.9	17.1	17.7	18.7
4H	10.0	10.6	10.8	11.4	12.3	16.7	17.3	17.5	18.1	19.0
6H	9.8	10.3	10.6	11.1	12.2	16.9	17.4	17.7	18.2	19.3
8H	9.7	10.2	10.6	11.0	12.1	16.9	17.4	17.8	18.3	19.3
12H	9.6	10.1	10.5	10.9	12.0	16.9	17.4	17.8	18.2	19.3
8H 4H	9.9	10.4	10.8	11.3	12.3	16.4	16.9	17.3	17.7	18.8
6H	9.8	10.2	10.7	11.0	12.1	16.7	17.1	17.6	18.0	19.0
8H	9.7	10.0	10.6	10.9	12.0	16.8	17.1	17.7	18.0	19.1
12H	9.6	9.9	10.5	10.8	11.9	16.8	17.1	17.7	18.0	19.1
12H 4H	9.9	10.3	10.8	11.2	12.3	16.3	16.8	17.2	17.6	18.7
6H	9.8	10.1	10.7	11.0	12.1	16.6	17.0	17.5	17.8	18.9
8H	9.7	10.0	10.6	10.9	12.0	16.7	17.0	17.6	17.9	19.0
Variations with the observer position at spacings:										
S = 1.0H	+ 1.8 / - 3.4					+ 0.3 / - 0.4				
1.5H	+ 1.2 / - 3.0					+ 0.5 / - 0.9				
2.0H	+ 2.4 / - 4.9					+ 1.3 / - 1.8				

CIE Pub.117 Corrected 1460 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.3)

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:121.8V I:0.1230A P:14.70W PF:0.9800 Freq:60.00Hz Lamp Flux:1459.61x1 lm		
NAME: 12代 1FT 黑色	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

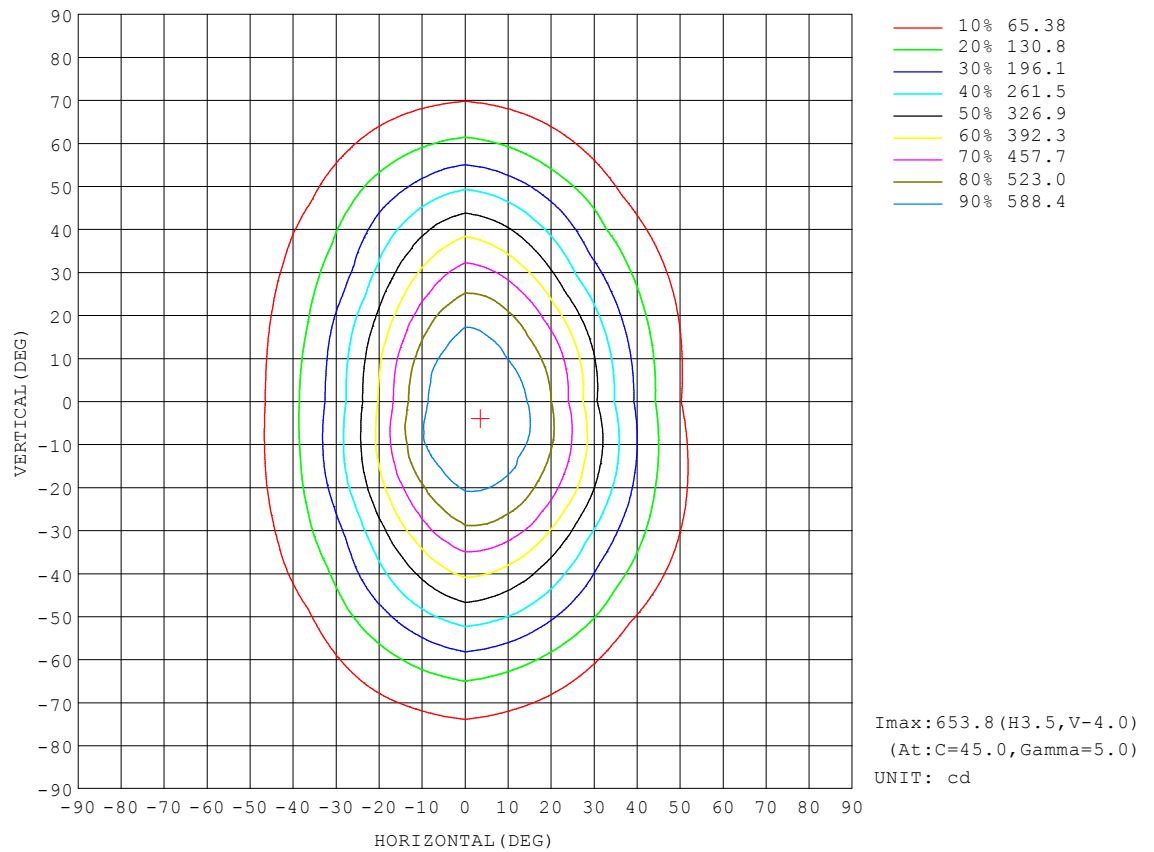
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	47	41	54	46	40	51	43	39	32
0.80	66	56	50	63	54	49	58	51	47	38
1.00	73	63	57	70	61	56	64	58	53	43
1.25	79	70	64	76	68	62	69	63	59	47
1.50	84	75	69	80	72	67	72	67	63	50
2.00	90	82	77	85	79	74	77	72	68	53
2.50	93	86	81	88	82	78	79	75	71	55
3.00	96	90	85	91	85	81	81	77	74	57
4.00	99	94	90	94	89	86	84	80	78	59
5.00	101	97	93	96	92	89	85	82	80	60
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:121.8V I:0.1230A P:14.70W PF:0.9800 Freq:60.00Hz Lamp Flux:1459.61x1 lm		
NAME: 12代 1FT 黑色	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

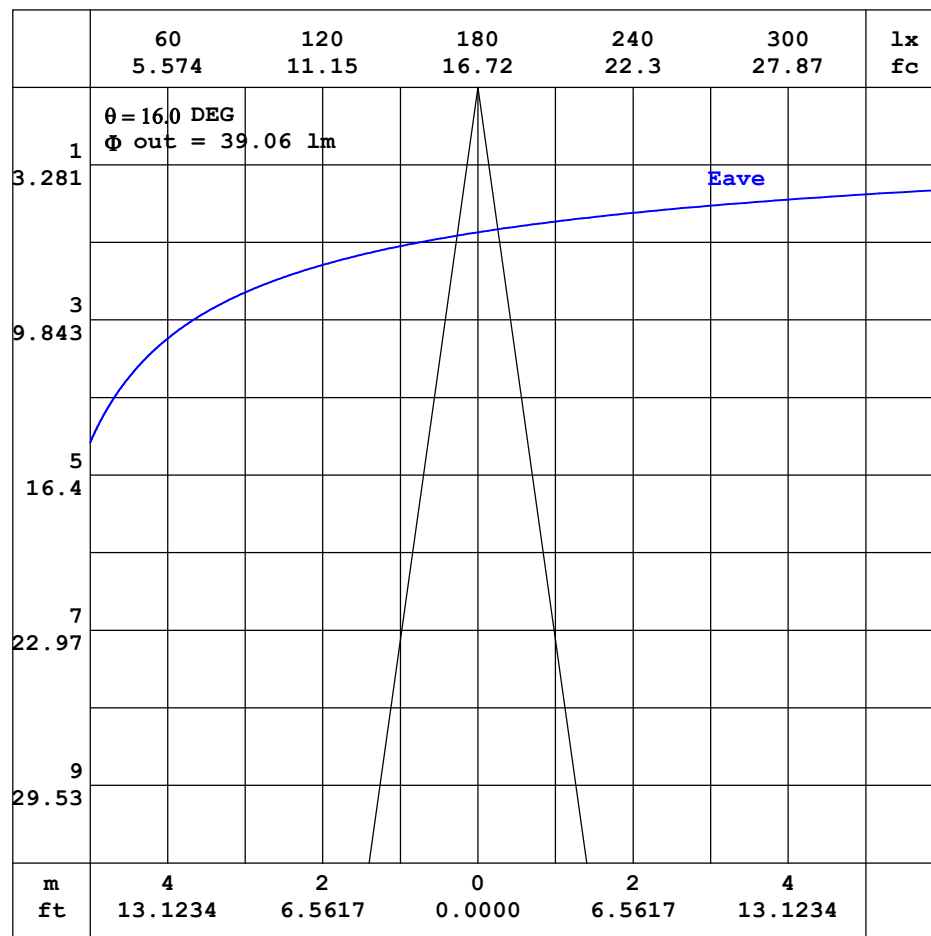


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:121.8V I:0.1230A P:14.70W PF:0.9800 Freq:60.00Hz Lamp Flux:1459.61x1 lm		
NAME: 12代 1FT 黑色	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



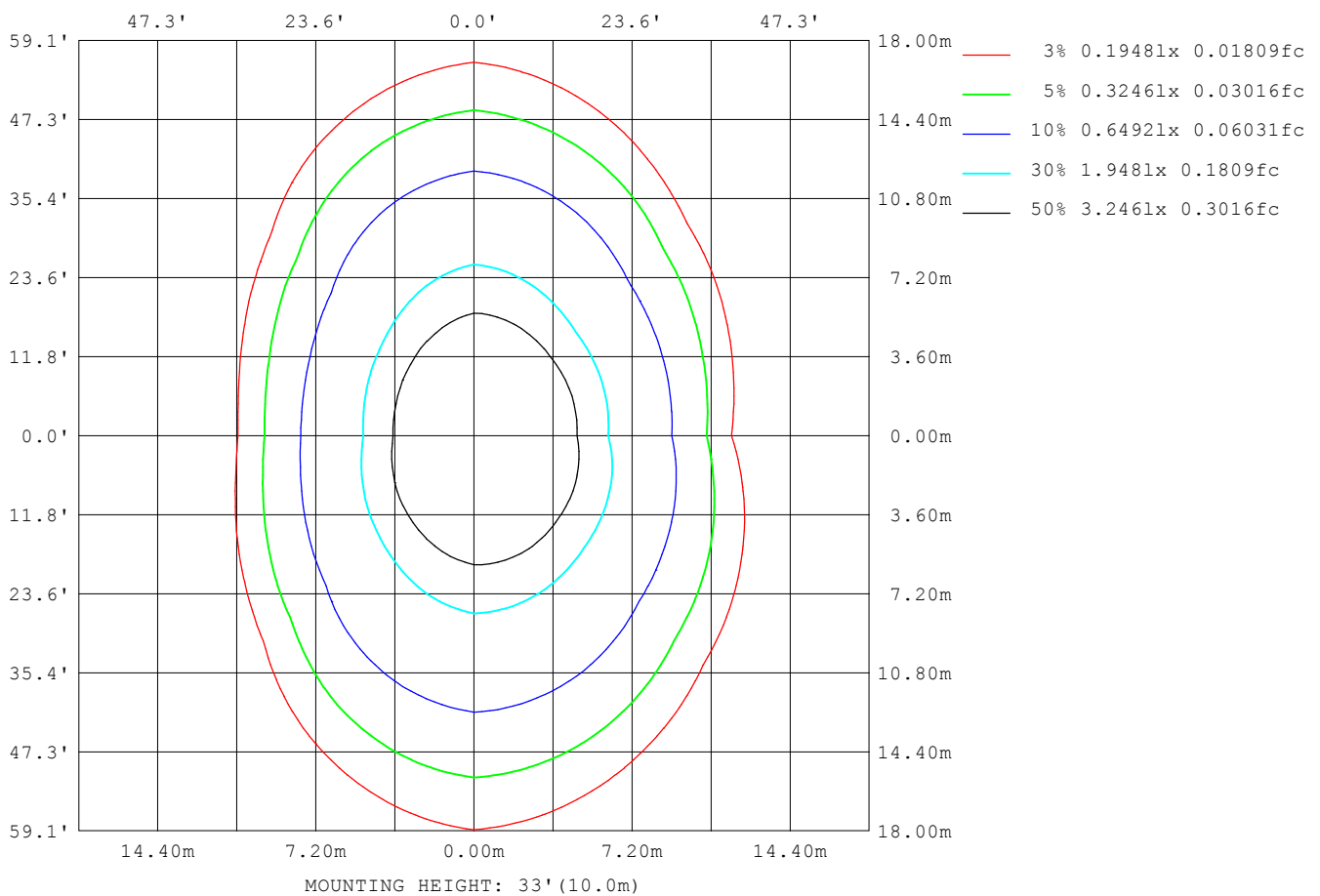
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:121.8V I:0.1230A P:14.70W PF:0.9800 Freq:60.00Hz Lamp Flux:1459.61x1 lm		
NAME: 12代 1FT 黑色	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	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:121.8V I:0.1230A P:14.70W PF:0.9800 Freq:60.00Hz Lamp Flux:1459.61x1 lm		
NAME: 12代 1FT 黑色	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

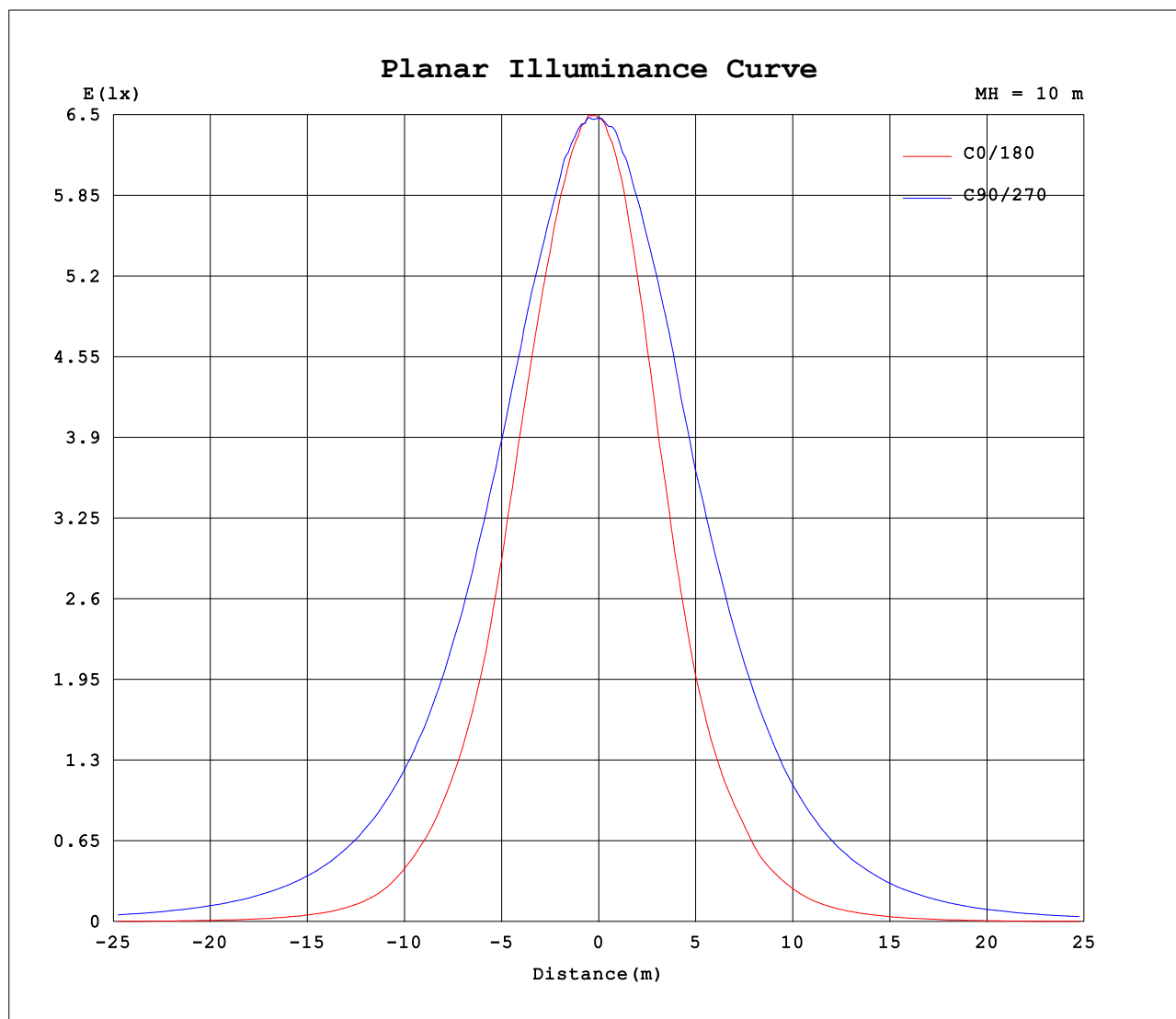
AvgL	cd/m2
L_0~180 (65) av	218
L_0~180 (75) av	97
L_0~180 (85) av	164
L_90~270 (65) av	2739
L_90~270 (75) av	1746
L_90~270 (85) av	480
L_45 (65) av	687
L_45 (75) av	158
L_45 (85) av	240

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:121.8V I:0.1230A P:14.70W PF:0.9800 Freq:60.00Hz Lamp Flux:1459.61x1 lm		
NAME: 12代 1FT 黑色	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	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	647	647	647	647	647	647	647	647	647	647	647	647	647	647	647	647	647	647	648
5	649	650	651	652	652	653	653	654	654	654	654	654	653	653	653	652	651	651	650
10	624	626	629	631	633	635	637	638	640	641	642	643	644	645	645	645	645	644	643
15	584	588	591	594	597	600	603	605	608	610	612	615	617	618	620	620	621	620	619
20	523	530	536	542	548	554	559	563	568	572	577	582	586	590	593	595	596	595	594
25	441	452	462	472	482	491	499	507	514	521	529	537	543	549	553	556	558	557	555
30	340	355	370	385	398	411	423	434	445	455	467	478	488	496	503	508	511	512	511
35	256	270	284	297	310	323	335	347	359	370	386	401	415	427	438	447	453	457	458
40	184	196	207	219	231	242	254	266	278	291	309	326	343	359	373	385	394	401	404
45	121	131	142	152	163	175	186	198	210	223	241	260	278	295	310	324	334	342	347
50	67.6	77.7	88.2	98.8	110	121	132	144	156	168	187	205	222	238	253	266	277	285	290
55	37.3	44.9	52.9	61.2	69.9	79.0	88.4	98.2	108	119	135	151	167	182	196	208	218	226	231
60	20.4	23.5	27.2	31.6	36.6	42.4	48.8	55.9	63.6	72.1	86.5	101	116	130	143	155	165	173	178
65	10.4	10.3	11.0	12.6	14.9	18.0	21.9	26.6	32.1	38.4	50.3	62.6	75.0	87.1	98.6	109	118	126	131
70	4.43	2.95	2.21	2.23	2.99	4.51	6.77	9.78	13.5	18.0	27.2	36.8	46.5	56.1	65.3	73.9	81.4	87.6	92.3
75	2.68	0.44	0.21	0.20	0.19	0.18	0.17	0.16	2.25	5.02	11.3	18.0	24.8	31.7	38.3	44.5	50.0	54.6	58.1
80	1.90	0.69	0.32	0.30	0.29	0.27	0.26	0.27	1.33	2.72	5.90	9.30	12.8	16.3	19.7	22.8	25.6	28.0	29.8
85	1.57	1.32	1.14	1.03	1.00	1.05	1.17	1.36	1.63	1.97	2.72	3.53	4.36	5.19	5.98	6.72	7.39	7.94	8.37
90	1.41	1.55	1.65	1.74	1.80	1.84	1.86	1.85	1.83	1.77	1.61	1.42	1.23	1.04	0.85	0.67	0.50	0.36	0.26
95	1.71	1.81	1.88	1.94	1.97	1.98	1.96	1.92	1.87	1.78	1.58	1.36	1.14	0.91	0.69	0.49	0.31	0.15	0.04
100	2.22	2.02	1.86	1.76	1.69	1.68	1.72	1.80	1.93	2.11	2.54	3.00	3.48	3.97	4.44	4.87	5.27	5.60	5.85
105	3.52	3.12	2.86	2.74	2.76	2.91	3.21	3.65	4.23	4.95	6.50	8.14	9.82	11.5	13.1	14.5	15.9	16.9	17.7
110	8.84	9.16	9.59	10.1	10.8	11.6	12.5	13.5	14.7	15.9	18.1	20.4	22.7	24.8	26.9	28.7	30.3	31.6	32.4
115	18.8	21.7	24.4	27.0	29.5	31.8	33.9	36.0	37.8	39.5	41.3	43.0	44.4	45.7	46.7	47.5	48.0	48.3	48.2
120	40.3	45.3	49.8	53.9	57.5	60.8	63.6	66.0	68.0	69.6	70.1	70.2	70.1	69.6	68.9	68.0	67.0	65.9	64.8
125	81.1	84.3	87.1	89.5	91.6	93.3	94.7	95.6	96.2	96.5	95.5	94.1	92.6	90.8	89.0	87.2	85.4	83.7	82.2
130	131	130	129	128	126	125	124	122	120	119	116	114	111	108	106	104	102	100	98.9
135	168	164	161	157	154	150	147	144	141	138	135	132	129	126	123	121	119	118	117
140	188	183	179	174	170	166	163	159	156	153	150	147	144	141	139	137	136	135	134
145	198	193	189	185	182	178	175	172	169	167	164	162	160	158	157	156	155	154	154
150	204	201	198	195	192	190	187	185	183	181	179	177	175	173	172	171	170	169	168
155	209	207	204	202	200	198	197	195	193	192	191	189	188	187	186	186	185	184	184
160	216	214	212	210	209	207	206	204	203	202	201	200	200	199	199	198	198	198	197
165	221	219	218	217	216	215	214	213	213	212	211	211	210	210	210	209	209	209	209
170	225	225	224	224	223	223	223	222	222	222	221	221	221	220	220	220	219	219	219
175	228	228	228	228	228	228	228	227	227	227	227	226	226	226	226	225	225	225	225
180	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226

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:121.8V I:0.1230A P:14.70W PF:0.9800 Freq:60.00Hz Lamp Flux:1459.61x1 lm		
NAME: 12代 1FT 黑色	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	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	648	648	649	649	649	650	650	650	650	650	650	650	649	649	648	648	647	647	647
5	649	648	647	646	644	643	642	640	639	637	635	634	632	630	629	627	626	625	625
10	641	639	637	634	631	628	624	620	616	610	604	598	593	587	582	577	573	570	571
15	616	612	608	602	597	591	584	577	569	559	549	539	530	520	512	504	497	492	493
20	587	579	570	560	549	538	526	513	500	486	472	458	445	433	422	412	404	397	399
25	545	534	520	506	490	473	456	439	422	404	387	371	356	342	330	319	310	304	306
30	498	484	467	449	430	409	388	367	346	328	311	294	279	265	252	242	234	228	229
35	444	427	408	388	365	342	319	295	272	255	239	224	211	200	190	181	175	171	171
40	390	373	353	331	307	283	258	233	209	192	177	163	150	139	130	123	118	114	115
45	334	318	299	278	256	232	208	184	161	146	132	119	108	97.9	89.7	83.2	78.5	75.5	76.4
50	278	263	246	226	205	183	161	139	118	104	91.9	81.0	71.5	63.4	56.7	51.5	47.9	45.7	46.5
55	221	208	192	175	157	138	119	99.9	81.5	70.8	61.3	53.0	45.8	39.9	35.1	31.5	29.1	27.9	28.2
60	170	159	146	131	115	98.9	82.4	66.1	50.5	42.7	36.0	30.4	25.8	22.1	19.4	17.6	16.6	16.4	16.0
65	125	116	105	93.7	81.2	68.1	54.9	41.9	29.5	23.9	19.3	15.5	12.6	10.4	8.87	8.01	7.74	7.99	7.51
70	87.3	80.7	72.9	64.0	54.5	44.7	34.7	24.9	15.6	11.9	8.83	6.48	4.75	3.57	2.90	2.66	2.81	3.27	2.83
75	54.6	49.9	44.4	38.2	31.5	24.7	17.7	11.0	4.75	2.83	1.47	0.61	0.19	0.19	0.39	0.88	1.55	2.33	1.85
80	28.0	25.6	22.8	19.7	16.3	12.8	9.27	5.87	2.67	1.70	1.02	0.60	0.40	0.39	0.53	0.81	1.17	1.59	1.53
85	7.95	7.40	6.75	6.01	5.22	4.40	3.57	2.76	1.99	1.71	1.49	1.33	1.22	1.16	1.14	1.16	1.21	1.29	1.39
90	0.38	0.53	0.70	0.89	1.08	1.28	1.48	1.66	1.82	1.78	1.72	1.64	1.55	1.46	1.36	1.28	1.20	1.13	1.25
95	0.17	0.35	0.54	0.76	0.99	1.22	1.45	1.66	1.84	1.80	1.74	1.66	1.56	1.46	1.36	1.26	1.18	1.12	1.25
100	5.61	5.29	4.90	4.47	4.01	3.53	3.04	2.57	2.13	1.96	1.84	1.75	1.69	1.67	1.68	1.71	1.76	1.84	1.80
105	16.8	15.6	14.2	12.6	10.9	9.18	7.41	5.69	4.07	3.43	2.92	2.56	2.31	2.19	2.17	2.25	2.42	2.67	2.74
110	31.1	29.4	27.4	25.1	22.6	20.1	17.4	14.8	12.3	10.8	9.33	8.10	7.06	6.23	5.62	5.24	5.11	5.23	6.06
115	47.2	45.8	44.3	42.5	40.5	38.3	36.1	33.7	31.3	28.2	25.2	22.4	19.7	17.3	15.2	13.6	12.5	11.9	14.3
120	64.8	64.8	64.7	64.5	64.1	63.6	62.7	61.6	60.1	55.6	50.8	46.0	41.2	36.8	32.8	29.3	26.6	24.8	28.8
125	83.0	84.0	85.0	86.0	87.0	87.7	88.2	88.4	88.1	83.8	79.2	74.4	69.7	65.1	60.9	57.3	54.4	52.5	56.8
130	99.8	101	102	104	106	107	109	110	112	110	108	106	104	102	100	98.7	97.5	96.9	99.9
135	117	119	120	122	124	126	128	130	133	134	135	135	136	137	138	138	139	140	141
140	135	135	137	138	140	142	144	146	149	151	154	157	159	162	164	166	168	169	170
145	154	154	155	156	157	158	160	161	163	166	168	171	174	177	179	181	183	185	185
150	169	169	170	171	172	173	175	176	178	180	182	184	187	189	191	193	194	196	195
155	184	184	184	185	185	186	187	188	189	190	192	193	195	197	198	199	201	202	202
160	197	197	197	197	198	198	198	199	199	200	201	202	203	204	205	206	206	207	208
165	209	208	208	208	208	208	208	208	208	209	209	210	210	211	211	212	212	213	213
170	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218	218
175	225	224	224	224	224	224	224	224	224	224	224	223	223	223	223	223	223	223	223
180	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226

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:121.8V I:0.1230A P:14.70W PF:0.9800 Freq:60.00Hz Lamp Flux:1459.61x1 lm		
NAME: 12代 1FT 黑色	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	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	647	647	647	647	647	647	647	647	647	647	647	647	647	647	647	647	648	648	648
5	625	625	625	626	626	627	628	629	631	633	634	636	638	640	641	643	644	644	645
10	572	574	576	579	582	586	590	594	598	601	605	608	612	615	618	620	622	623	622
15	494	498	502	507	513	519	527	534	542	550	559	567	575	582	589	595	600	600	599
20	402	407	413	421	430	440	451	463	476	490	503	517	530	542	553	563	571	571	569
25	311	317	326	336	347	360	374	389	406	423	440	457	473	488	502	514	525	525	523
30	233	239	248	258	269	283	297	313	333	355	376	396	416	435	452	467	479	477	472
35	174	179	185	194	204	216	229	244	266	290	313	336	359	380	398	415	428	423	415
40	117	122	128	136	146	158	171	185	209	232	257	280	303	324	343	360	373	366	357
45	79.0	83.5	89.5	97.2	106	117	129	143	164	186	207	229	250	269	286	300	312	305	295
50	48.7	52.5	57.7	64.3	72.2	81.5	91.9	104	122	141	161	180	198	215	230	243	252	246	237
55	29.6	32.2	36.0	40.8	46.7	53.8	61.8	70.9	86.6	103	119	135	151	165	178	188	196	190	181
60	16.5	17.7	19.7	22.5	26.2	30.8	36.2	42.6	55.3	68.5	81.9	95.1	108	119	130	138	145	139	131
65	7.52	8.06	9.16	10.8	13.1	16.1	19.7	24.1	33.5	43.3	53.3	63.1	72.6	81.3	89.0	95.4	100	95.4	88.9
70	2.68	2.85	3.36	4.26	5.56	7.30	9.51	12.2	18.5	25.1	31.8	38.5	44.8	50.7	55.9	60.3	63.5	60.1	55.5
75	1.45	1.16	1.01	1.04	1.28	1.76	2.51	3.56	6.96	10.6	14.3	18.0	21.6	24.9	27.9	30.3	32.2	30.3	27.7
80	1.49	1.50	1.54	1.64	1.78	1.99	2.26	2.60	3.46	4.36	5.29	6.20	7.08	7.90	8.62	9.22	9.68	9.21	8.59
85	1.51	1.64	1.76	1.88	1.99	2.08	2.14	2.18	1.95	1.70	1.42	1.14	0.87	0.61	0.37	0.16	0.00	0.16	0.37
90	1.39	1.53	1.68	1.81	1.94	2.05	2.13	2.17	1.95	1.70	1.43	1.15	0.88	0.61	0.37	0.16	0.00	0.17	0.38
95	1.41	1.57	1.74	1.91	2.08	2.22	2.34	2.44	2.30	2.13	1.94	1.74	1.54	1.34	1.16	1.01	0.88	1.01	1.17
100	1.78	1.80	1.86	1.97	2.13	2.36	2.65	3.03	4.00	5.04	6.09	7.14	8.14	9.07	9.90	10.6	11.1	10.6	9.91
105	2.90	3.16	3.51	3.97	4.56	5.28	6.14	7.14	9.29	11.5	13.8	16.1	18.2	20.2	22.0	23.5	24.6	23.6	22.3
110	7.15	8.46	9.97	11.7	13.5	15.5	17.7	19.9	22.7	25.6	28.4	31.1	33.6	35.9	38.0	39.7	40.9	40.2	39.0
115	17.3	20.7	24.4	28.4	32.6	36.8	40.9	44.9	47.3	49.4	51.3	53.0	54.4	55.5	56.5	57.2	57.7	58.2	58.4
120	33.7	39.2	45.2	51.6	58.0	64.4	70.6	76.2	77.5	78.2	78.5	78.4	77.9	77.3	76.5	75.8	75.0	76.8	78.7
125	62.0	68.0	74.3	80.9	87.6	94.1	100	106	106	105	104	102	100	98.5	96.5	94.6	93.0	95.2	97.7
130	103	107	111	115	119	123	126	129	128	126	124	122	120	118	115	113	112	114	116
135	143	144	145	146	147	148	148	149	147	145	142	140	138	136	134	132	131	133	134
140	170	170	170	169	169	168	166	165	163	161	159	156	154	152	151	149	149	150	151
145	185	185	184	183	182	181	179	178	176	175	173	172	170	169	168	168	167	168	169
150	195	195	194	193	192	191	190	189	188	187	186	185	185	184	184	183	183	184	184
155	202	202	201	201	200	200	199	199	198	198	198	197	197	197	197	197	197	197	198
160	208	208	208	208	208	208	208	208	208	208	208	208	209	209	209	209	210	210	210
165	213	213	214	214	214	214	214	214	215	215	215	216	216	216	217	217	217	218	218
170	218	218	219	219	219	220	220	220	221	221	221	222	222	222	222	223	223	223	223
175	223	224	224	224	225	225	225	225	226	226	226	226	226	226	226	226	226	226	226
180	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226

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:121.8V I:0.1230A P:14.70W PF:0.9800 Freq:60.00Hz Lamp Flux:1459.61x1 lm																	
NAME: 12代 1FT 黑色									TYPE:4000K						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: EVERFINE									SUR.:						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	649	649	649	650	650	650	650	650	650	650	650	649	649	648	648				
5	645	644	644	644	644	644	643	644	644	645	645	646	646	647	648				
10	622	621	621	620	619	618	617	617	618	618	619	619	620	621	622				
15	598	596	593	590	587	584	581	581	580	580	580	580	581	582	583				
20	566	561	556	551	545	539	533	530	528	526	525	524	523	523	523				
25	519	514	507	500	492	484	475	471	467	462	458	454	451	447	444				
30	465	456	446	434	421	408	395	388	381	374	367	361	355	350	344				
35	404	391	376	360	344	327	310	301	293	285	278	272	267	263	259				
40	344	329	313	295	276	258	239	229	220	212	205	199	194	190	187				
45	283	268	252	234	216	198	180	170	161	152	145	138	133	128	124				
50	226	212	197	181	164	147	131	121	112	103	95.4	88.4	82.1	76.5	71.7				
55	170	158	144	129	114	99.0	84.3	75.9	68.3	61.4	55.4	50.2	45.8	42.2	39.4				
60	121	110	97.9	85.2	72.3	59.5	47.2	40.7	35.1	30.4	26.5	23.6	21.5	20.2	19.9				
65	81.2	72.4	63.0	53.1	43.2	33.4	24.1	19.5	15.7	12.6	10.3	8.80	8.05	8.07	8.86				
70	50.1	44.1	37.6	30.8	24.0	17.3	11.0	7.99	5.55	3.69	2.39	1.67	1.50	1.91	2.88				
75	24.7	21.3	17.6	13.9	10.1	6.46	3.06	1.59	0.48	0.36	0.35	0.34	0.32	0.29	1.30				
80	7.85	7.02	6.14	5.21	4.29	3.38	2.53	2.14	1.83	1.59	1.44	1.37	1.38	1.47	1.65				
85	0.61	0.88	1.16	1.44	1.72	1.99	2.23	2.30	2.33	2.33	2.29	2.22	2.11	1.96	1.78				
90	0.62	0.89	1.17	1.46	1.73	1.99	2.23	2.29	2.31	2.29	2.24	2.15	2.02	1.86	1.65				
95	1.36	1.56	1.77	1.98	2.19	2.38	2.54	2.57	2.57	2.54	2.48	2.39	2.27	2.11	1.93				
100	9.08	8.15	7.15	6.12	5.07	4.05	3.08	2.63	2.27	2.00	1.82	1.72	1.71	1.79	1.96				
105	20.7	18.9	16.9	14.8	12.7	10.6	8.50	7.40	6.44	5.61	4.92	4.37	3.95	3.67	3.53				
110	37.5	35.7	33.6	31.4	29.0	26.5	24.0	22.2	20.4	18.7	17.0	15.3	13.7	12.0	10.4				
115	58.4	58.2	57.7	56.8	55.7	54.2	52.5	50.1	47.4	44.4	41.0	37.3	33.2	28.7	23.9				
120	80.5	82.2	83.6	84.8	85.5	85.7	85.4	83.1	80.2	76.5	72.2	67.2	61.5	55.1	48.1				
125	100	103	106	108	110	112	113	112	111	108	105	102	97.6	92.8	87.3				
130	118	121	124	127	130	133	135	136	137	137	137	136	135	134	133				
135	137	139	142	145	148	151	154	156	158	160	161	163	164	166	167				
140	153	155	158	160	163	166	169	171	173	175	177	179	182	184	186				
145	170	172	173	175	177	179	181	183	184	186	188	190	192	194	196				
150	185	186	187	188	189	191	192	193	194	196	197	198	200	201	203				
155	198	199	199	200	201	201	202	203	204	204	205	206	207	207	208				
160	210	211	211	211	211	212	212	212	213	213	213	214	214	215	215				
165	218	218	218	219	219	219	219	219	220	220	220	220	220	220	220				
170	223	223	224	224	224	224	224	224	224	224	224	225	225	225	225				
175	226	226	227	227	227	227	227	227	228	228	228	228	228	228	228				
180	226	226	226	226	226	226	226	226	226	226	226	226	226	226	226				

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: