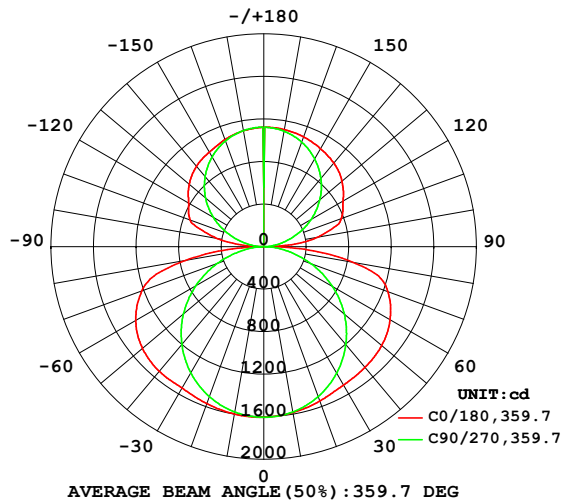


LUMINAIRE PHOTOMETRIC TEST REPORT

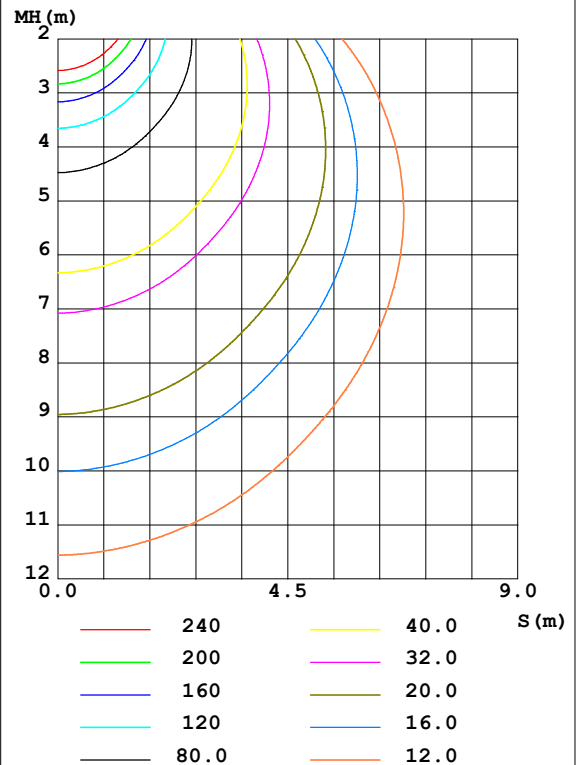
Test:U:120.4V I:0.6540A P:78.60W PF:0.9900 Freq:60.00Hz Lamp Flux:10430.3x1 lm		
NAME: 14代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 132.70 lm/W			
MODEL		I _{max} (cd)	1606	S/MH(C0/180)	1.44
NOMINAL POWER(W)	80W	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	10430	η UP,DN(C0-180)	19.6,30.2
NOMINAL FLUX(lm)	10430.3	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	20.3,29.8
LAMPS INSIDE	1	η up(%)	39.9	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120.0	η down(%)	60.1	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:

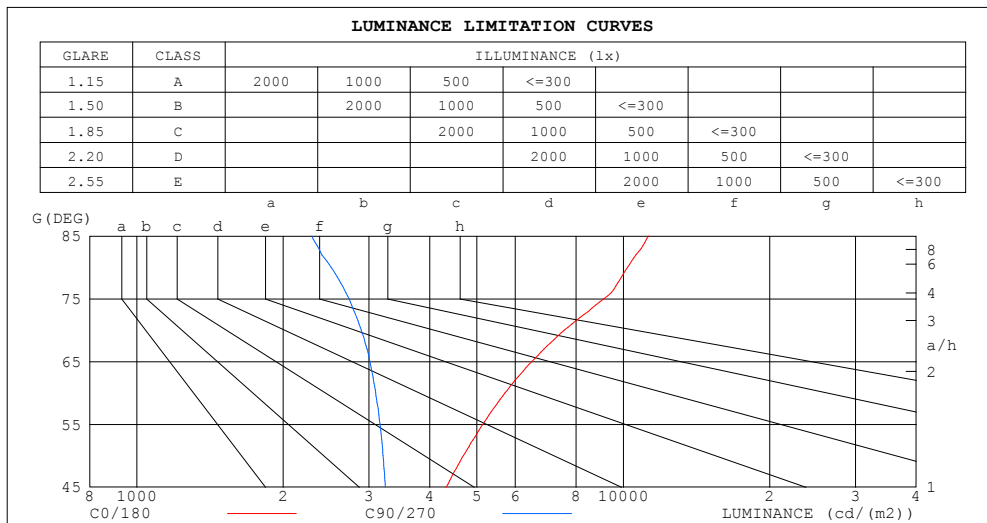
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1584	1579	1579	1592	1598	1591	1579	1577	0- 10	152.2	152.2	1.46,1.46
20	1545	1518	1500	1540	1570	1539	1500	1516	10- 20	441.1	593.3	5.69,5.69
30	1502	1425	1373	1459	1536	1456	1372	1421	20- 30	686.8	1280	12.3,12.3
40	1482	1315	1201	1356	1530	1356	1199	1317	30- 40	872.9	2153	20.6,20.6
50	1448	1204	989.7	1260	1488	1261	986.0	1204	40- 50	993.8	3147	30.2,30.2
60	1372	1076	743.6	1128	1390	1120	738.8	1069	50- 60	1033	4180	40.1,40.1
70	1242	905.8	475.1	930.4	1220	933.1	464.9	885.3	60- 70	970.4	5150	49.4,49.4
80	850.1	682.7	209.3	671.8	746.6	641.6	191.3	611.8	70- 80	786.1	5936	56.9,56.9
90	88.69	69.48	11.00	68.36	6.555	60.71	12.47	51.48	80- 90	327.1	6263	60.1,60.1
100	511.7	366.2	135.9	348.5	442.9	424.0	161.6	429.4	90-100	205.6	6469	62,62
110	776.6	574.4	325.7	542.8	737.1	577.6	354.0	578.6	100-110	492.6	6962	66.7,66.7
120	862.4	705.9	516.0	671.9	816.2	715.3	545.2	724.4	110-120	617.8	7580	72.7,72.7
130	960.6	829.8	687.9	794.8	915.0	830.0	716.0	841.6	120-130	678.9	8258	79.2,79.2
140	1027	924.5	836.3	890.1	986.4	918.0	859.5	937.2	130-140	674.1	8932	85.6,85.6
150	1066	1007	956.5	979.1	1027	1002	973.9	1020	140-150	603.8	9536	91.4,91.4
160	1099	1071	1046	1054	1072	1068	1058	1080	150-160	479.1	10015	96,96
170	1118	1109	1103	1101	1106	1110	1108	1115	160-170	308.5	10324	99,99
180	560.8	560.8	560.8	560.8	560.8	560.8	560.8	560.8	170-180	106.5	10430	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:0.6540A P:78.60W PF:0.9900 Freq:60.00Hz Lamp Flux:10430.3x1 lm		
NAME: 14代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:



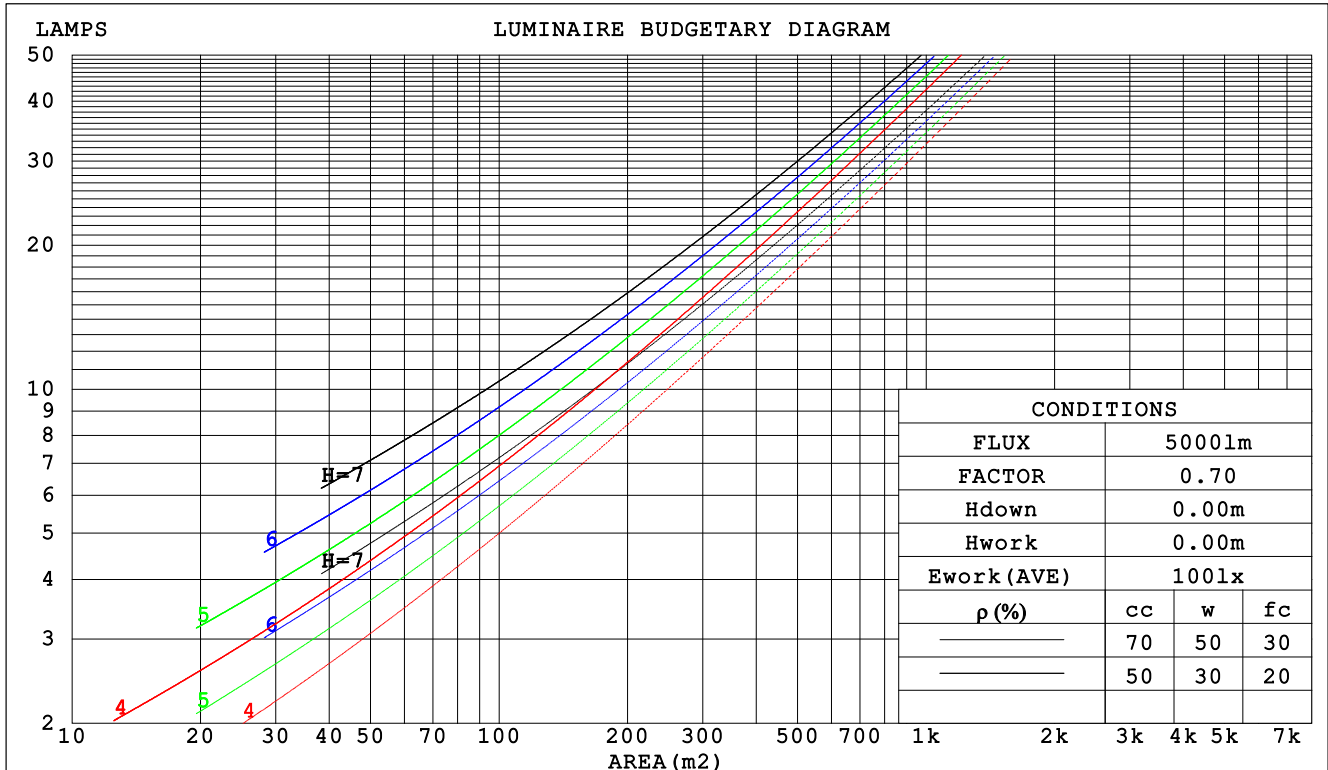
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.4V I:0.6540A P:78.60W PF:0.9900 Freq:60.00Hz Lamp Flux:10430.3x1 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:120.4V I:0.6540A P:78.60W PF:0.9900 Freq:60.00Hz Lamp Flux:10430.3x1 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	.439	.418	.397	.378	.286	.273	.262	.165	.158	.152	.053	.051	.049	
2.0	.482	.441	.406	.413	.379	.351	.283	.263	.245	.163	.153	.143	.052	.049	.047	
3.0	.476	.425	.385	.408	.367	.333	.280	.255	.234	.162	.149	.138	.052	.048	.045	
4.0	.469	.413	.370	.402	.357	.322	.276	.249	.227	.160	.146	.134	.051	.047	.044	
5.0	.462	.404	.361	.396	.349	.314	.273	.244	.222	.158	.143	.131	.051	.047	.043	
6.0	.455	.396	.354	.391	.343	.308	.270	.240	.218	.156	.141	.130	.050	.046	.043	
7.0	.448	.390	.349	.386	.338	.304	.266	.237	.215	.155	.140	.128	.050	.046	.042	
8.0	.442	.384	.345	.381	.333	.301	.263	.234	.213	.153	.138	.127	.050	.045	.042	
9.0	.436	.380	.342	.376	.330	.298	.260	.232	.212	.152	.137	.126	.049	.045	.042	
10.0	.431	.376	.339	.371	.326	.296	.258	.230	.210	.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:120.4V I:0.6540A P:78.60W PF:0.9900 Freq:60.00Hz Lamp Flux:10430.3x1 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	16.6	17.7	17.3	18.5	19.4	14.2	15.3	14.9	16.1	17.0
3H	19.5	20.5	20.2	21.3	22.2	15.7	16.7	16.5	17.5	18.5
4H	21.0	21.9	21.8	22.7	23.7	16.4	17.3	17.2	18.1	19.1
6H	22.3	23.2	23.2	24.0	25.1	16.8	17.7	17.6	18.5	19.6
8H	22.9	23.7	23.7	24.6	25.6	16.9	17.8	17.8	18.6	19.7
12H	23.3	24.1	24.1	24.9	26.0	17.0	17.8	17.9	18.7	19.7
4H 2H	17.1	18.0	17.9	18.9	19.9	15.4	16.3	16.2	17.2	18.2
3H	20.2	21.0	21.0	21.8	22.9	17.2	18.0	18.0	18.9	19.9
4H	21.8	22.6	22.7	23.4	24.5	18.0	18.7	18.9	19.6	20.7
6H	23.4	24.0	24.3	24.9	26.0	18.6	19.3	19.5	20.1	21.3
8H	24.0	24.6	24.9	25.5	26.7	18.8	19.4	19.7	20.3	21.4
12H	24.5	25.1	25.4	26.0	27.1	18.9	19.5	19.8	20.4	21.5
8H 4H	22.1	22.7	23.0	23.6	24.7	19.1	19.7	20.0	20.6	21.7
6H	23.9	24.4	24.8	25.3	26.5	20.0	20.5	21.0	21.5	22.6
8H	24.7	25.1	25.6	26.1	27.3	20.4	20.8	21.3	21.8	22.9
12H	25.4	25.8	26.3	26.7	27.9	20.6	21.0	21.5	21.9	23.1
12H 4H	22.1	22.6	23.0	23.6	24.7	19.4	19.9	20.3	20.8	22.0
6H	24.0	24.4	24.9	25.4	26.5	20.5	21.0	21.4	21.9	23.1
8H	24.9	25.2	25.8	26.2	27.4	21.0	21.4	21.9	22.3	23.5
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 10430 lm Total Lamp Luminous Flux.(8log(F/F0) = 8.1)

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:0.6540A P:78.60W PF:0.9900 Freq:60.00Hz Lamp Flux:10430.3x1 lm		
NAME: 14代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

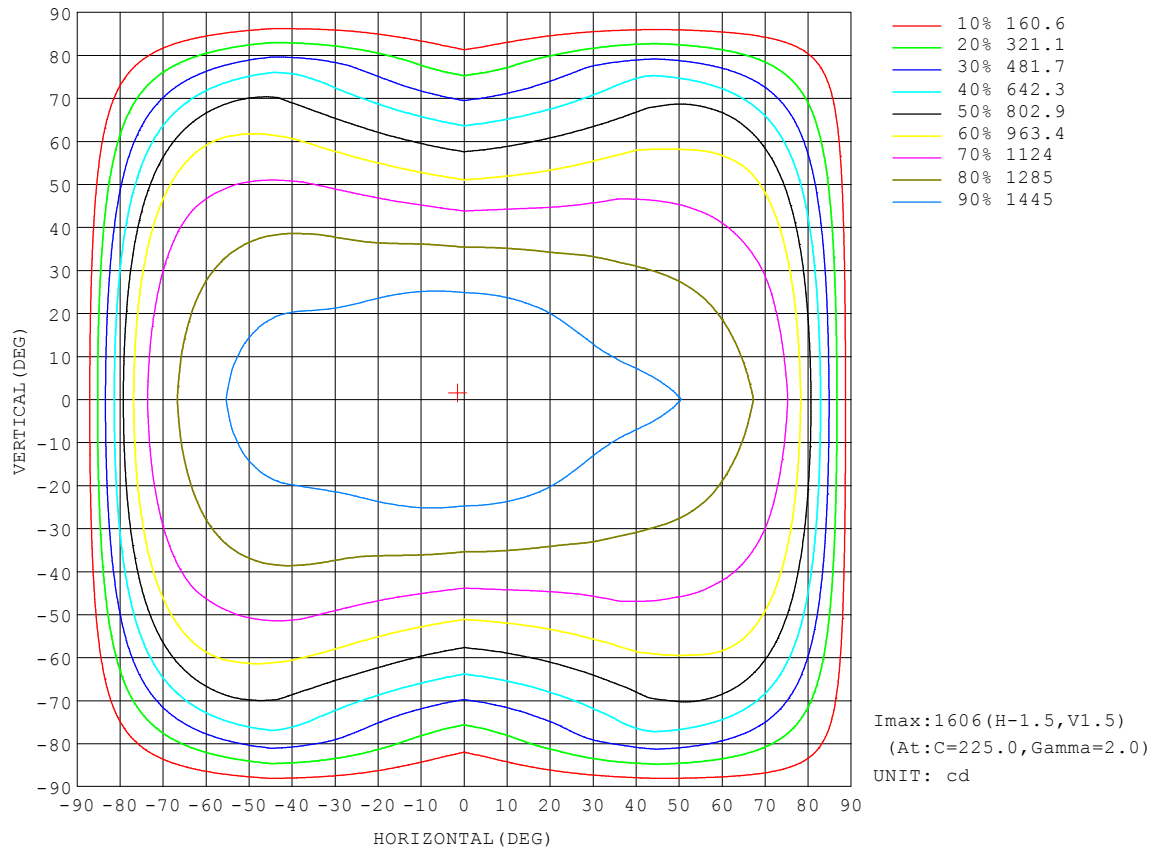
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	43	31	24	41	30	24	37	28	22	15
0.80	52	40	32	50	38	31	45	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:120.4V I:0.6540A P:78.60W PF:0.9900 Freq:60.00Hz Lamp Flux:10430.3x1 lm		
NAME: 14代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

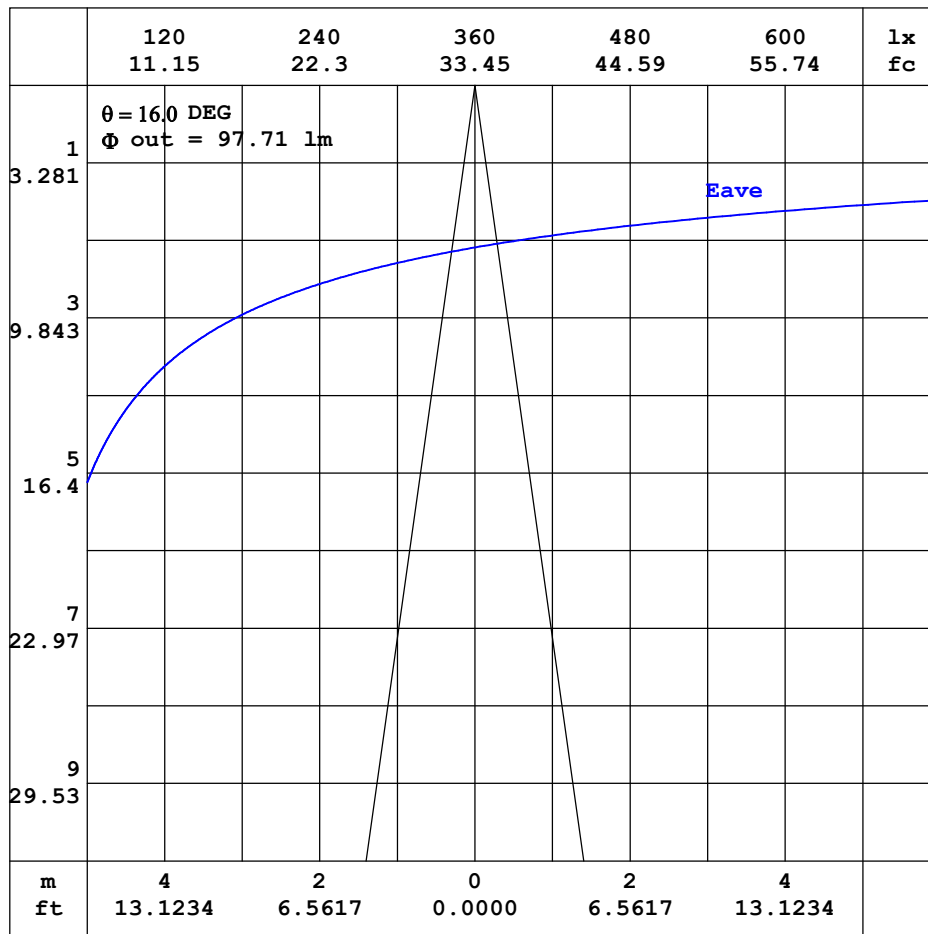


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:

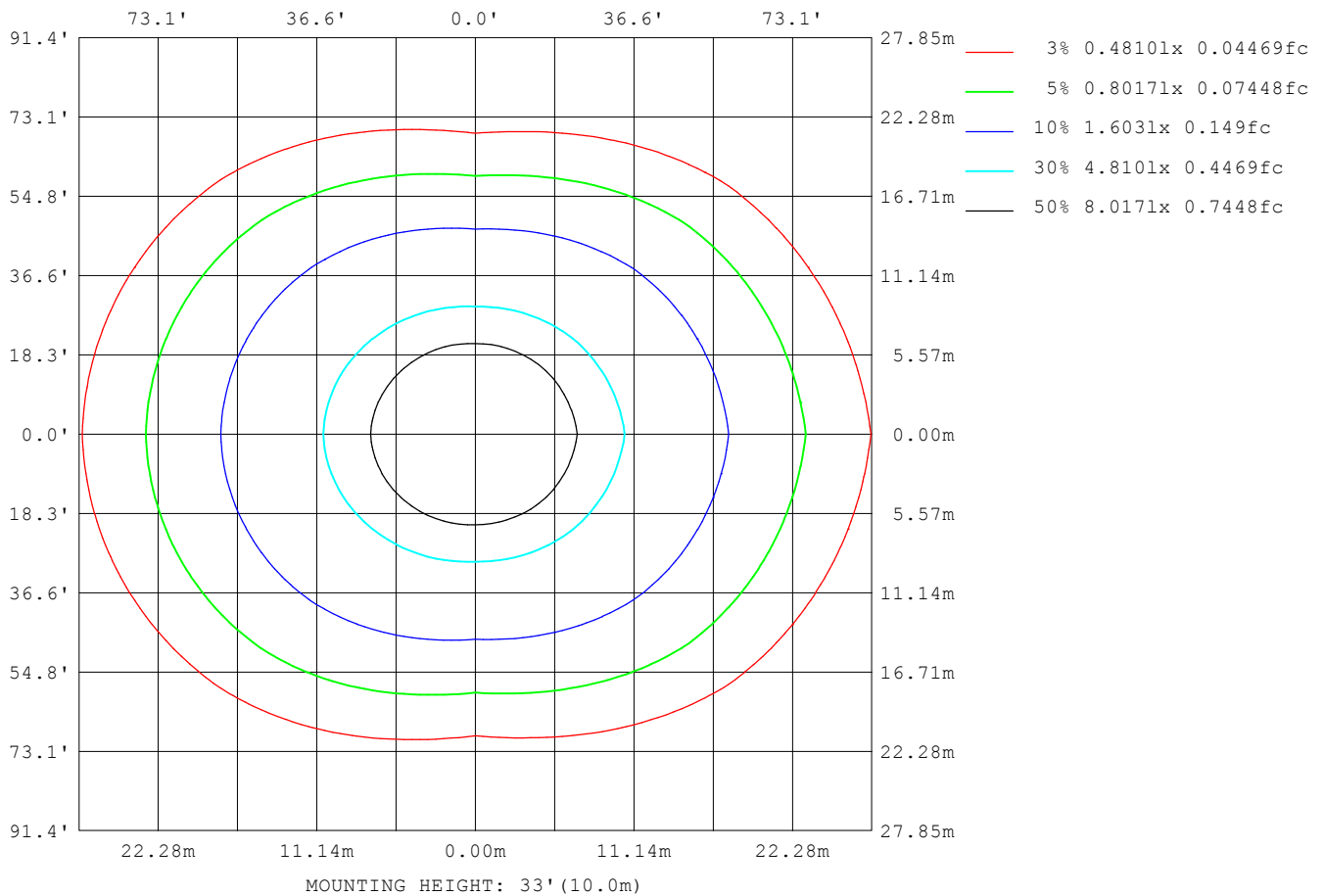
AAI CURVES

Test:U:120.4V I:0.6540A P:78.60W PF:0.9900 Freq:60.00Hz Lamp Flux:10430.3x1 lm		
NAME: 14代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:



ISOLUX DIAGRAM

Test:U:120.4V I:0.6540A P:78.60W PF:0.9900 Freq:60.00Hz Lamp Flux:10430.3x1 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:120.4V I:0.6540A P:78.60W PF:0.9900 Freq:60.00Hz Lamp Flux:10430.3x1 lm		
NAME: 14代 8FT	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:2.4*0.2	Shielding Angle:

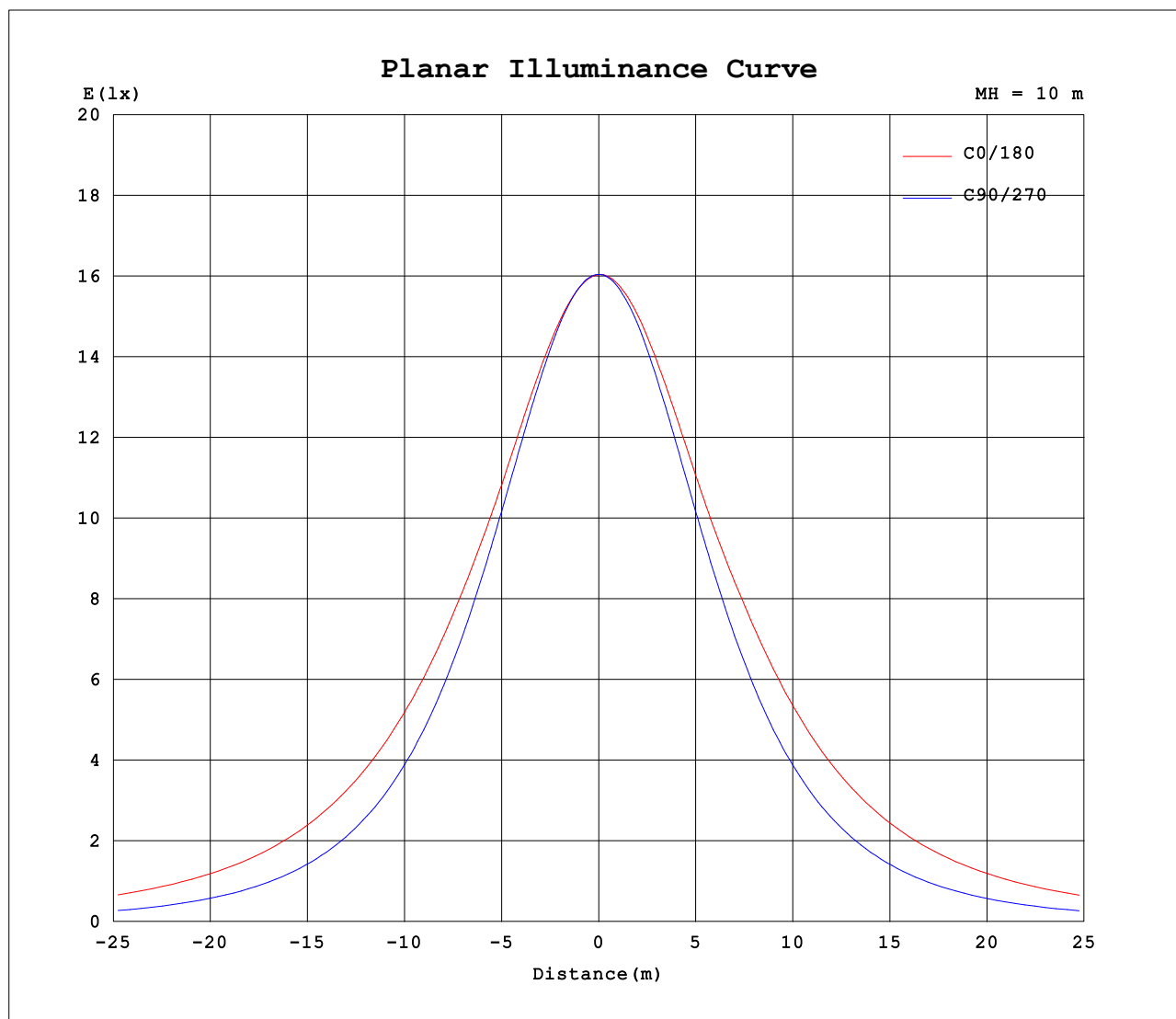
AvgL	cd/m2
L_0~180 (65) av	6481
L_0~180 (75) av	8870
L_0~180 (85) av	9714
L_90~270 (65) av	2996
L_90~270 (75) av	2680
L_90~270 (85) av	2067
L_45 (65) av	4995
L_45 (75) av	6465
L_45 (85) av	8595

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:0.6540A P:78.60W PF:0.9900 Freq:60.00Hz Lamp Flux:10430.3x1 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	1603	1604	1604	1604	1604	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1604
5	1596	1597	1597	1597	1597	1597	1597	1597	1597	1597	1597	1597	1597	1597	1597	1597	1597	1598	1598
10	1584	1583	1582	1582	1581	1581	1581	1580	1580	1579	1579	1579	1578	1578	1578	1578	1578	1578	1579
15	1566	1565	1563	1561	1560	1558	1557	1555	1554	1553	1551	1550	1549	1547	1546	1546	1545	1545	1546
20	1545	1541	1538	1535	1532	1529	1526	1523	1521	1518	1515	1512	1509	1506	1504	1502	1501	1500	1500
25	1520	1515	1509	1504	1499	1493	1489	1484	1479	1475	1469	1464	1458	1454	1450	1446	1444	1442	1442
30	1502	1493	1483	1474	1465	1456	1448	1440	1432	1425	1416	1407	1399	1392	1386	1380	1376	1374	1373
35	1493	1477	1461	1447	1432	1419	1406	1393	1381	1370	1356	1343	1331	1320	1311	1303	1297	1293	1292
40	1482	1461	1440	1421	1402	1383	1365	1348	1331	1315	1296	1278	1261	1245	1231	1220	1211	1204	1201
45	1468	1443	1419	1395	1371	1348	1326	1304	1283	1262	1236	1211	1187	1165	1146	1129	1116	1106	1100
50	1448	1419	1391	1363	1336	1309	1282	1256	1230	1204	1171	1138	1107	1078	1052	1030	1012	998	990
55	1416	1386	1356	1326	1295	1265	1235	1204	1174	1144	1102	1062	1023	986	953	924	900	882	871
60	1372	1341	1309	1277	1245	1212	1179	1145	1111	1076	1027	979	932	888	848	812	782	759	744
65	1315	1283	1250	1216	1181	1146	1110	1073	1035	996	941	886	832	781	735	693	658	630	612
70	1242	1209	1175	1140	1104	1067	1028	989	948	906	845	784	724	668	615	569	529	497	475
75	1133	1103	1072	1039	1005	969	931	891	849	806	741	676	613	552	495	444	400	365	339
80	850	847	839	828	813	795	773	746	716	683	623	560	498	436	378	324	277	238	209
85	471	477	480	480	476	470	460	447	431	412	373	333	292	251	212	175	143	116	95.8
90	88.7	88.5	87.8	86.6	85.0	82.9	80.2	77.1	73.6	69.5	62.1	54.4	46.7	39.1	31.9	25.3	19.4	14.6	11.0
95	293	280	267	254	241	228	215	202	189	176	158	140	124	108	93.3	80.4	69.6	61.2	55.5
100	512	500	487	473	457	441	424	406	387	366	335	304	273	243	215	189	167	149	136
105	672	660	647	632	615	597	578	557	534	510	472	434	396	360	325	294	267	244	227
110	777	756	736	714	692	670	647	623	599	574	540	505	471	439	409	382	359	340	326
115	821	802	782	762	742	722	701	680	658	636	606	576	547	519	494	471	451	434	422
120	862	847	830	814	797	780	762	744	725	706	680	653	628	603	580	560	542	527	516
125	915	900	885	870	854	838	822	806	789	772	749	725	703	681	661	643	627	614	605
130	961	947	933	918	904	889	875	860	845	830	810	790	771	753	736	720	707	696	688
135	999	985	972	958	945	932	918	905	892	879	863	847	832	817	804	792	782	773	767
140	1027	1015	1003	991	980	968	957	946	935	924	912	899	887	876	866	856	848	841	836
145	1047	1038	1029	1020	1011	1002	993	985	976	968	958	949	939	931	923	916	909	904	900
150	1066	1059	1052	1045	1039	1032	1026	1019	1013	1007	1000	993	986	980	974	968	964	960	956
155	1084	1079	1074	1069	1065	1060	1056	1051	1047	1042	1037	1032	1027	1022	1018	1014	1011	1008	1005
160	1099	1096	1093	1089	1086	1083	1080	1077	1074	1071	1067	1064	1061	1057	1055	1052	1049	1047	1046
165	1110	1108	1106	1104	1102	1100	1098	1096	1095	1093	1091	1089	1087	1085	1084	1082	1081	1080	1079
170	1118	1117	1116	1115	1114	1113	1112	1111	1110	1109	1108	1108	1107	1106	1105	1105	1104	1103	1103
175	1123	1123	1122	1122	1122	1121	1121	1121	1120	1120	1120	1120	1119	1119	1119	1118	1118	1118	1118
180	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561

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:0.6540A P:78.60W PF:0.9900 Freq:60.00Hz Lamp Flux:10430.3x1 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	1604	1604	1604	1604	1604	1604	1604	1604	1604	1604	1604	1604	1604	1604	1604	1603	1603	1603	1604
5	1598	1599	1599	1600	1601	1601	1602	1603	1603	1603	1604	1604	1604	1604	1604	1604	1604	1604	1604
10	1580	1581	1582	1584	1586	1587	1589	1590	1592	1593	1594	1595	1596	1596	1597	1597	1598	1598	1597
15	1548	1550	1552	1555	1558	1561	1564	1567	1570	1573	1575	1578	1580	1582	1583	1584	1585	1586	1585
20	1503	1506	1510	1515	1520	1525	1530	1535	1540	1545	1550	1554	1558	1562	1565	1567	1569	1570	1569
25	1446	1451	1457	1464	1471	1479	1487	1495	1503	1511	1518	1525	1532	1538	1543	1547	1550	1553	1550
30	1378	1385	1393	1403	1413	1424	1435	1447	1459	1471	1482	1493	1503	1512	1521	1527	1533	1536	1532
35	1298	1307	1318	1331	1345	1359	1375	1392	1409	1427	1445	1462	1479	1494	1508	1519	1528	1534	1527
40	1209	1221	1235	1251	1270	1290	1311	1333	1356	1381	1406	1430	1453	1474	1493	1509	1521	1530	1521
45	1112	1128	1147	1169	1194	1221	1249	1278	1308	1339	1369	1398	1425	1450	1472	1490	1505	1515	1506
50	1005	1026	1052	1081	1113	1148	1185	1222	1260	1295	1328	1361	1391	1418	1442	1462	1478	1488	1478
55	890	916	947	983	1023	1066	1110	1155	1200	1239	1277	1313	1346	1375	1401	1422	1438	1449	1438
60	766	797	834	876	923	972	1024	1076	1128	1171	1211	1249	1284	1315	1342	1363	1380	1390	1378
65	637	671	712	759	811	866	923	982	1039	1085	1128	1168	1204	1237	1265	1287	1304	1314	1303
70	501	537	580	631	686	745	806	869	930	978	1024	1066	1104	1138	1168	1191	1209	1220	1210
75	367	404	449	502	560	621	685	749	812	857	899	937	971	1002	1027	1047	1062	1071	1063
80	239	278	325	378	435	495	556	615	672	695	715	730	741	748	752	753	751	747	747
85	117	144	177	213	251	291	329	366	400	404	405	401	395	387	377	366	354	342	342
90	15.9	22.0	28.9	36.2	43.6	50.9	57.6	63.6	68.4	63.1	56.6	49.4	41.6	33.7	25.9	18.5	12.0	6.55	10.8
95	63.6	74.2	87.0	101	117	133	150	166	182	189	194	199	203	207	210	213	215	218	227
100	148	165	185	209	235	263	292	320	348	365	379	393	405	415	424	432	438	443	449
105	241	261	286	315	347	381	415	450	485	506	526	544	559	573	585	594	601	606	606
110	336	351	370	394	420	449	479	511	543	572	600	626	652	675	695	713	727	737	732
115	430	442	458	477	498	522	548	574	601	627	653	677	701	722	742	759	773	783	779
120	523	533	547	564	583	604	626	649	672	693	713	733	751	768	784	797	808	816	814
125	610	619	630	644	660	678	697	717	737	755	774	791	808	824	838	850	860	868	865
130	692	698	708	719	732	746	762	778	795	812	828	844	860	874	887	898	908	915	912
135	769	773	780	788	797	808	820	832	845	860	875	889	903	917	929	939	948	955	952
140	837	840	843	849	855	863	871	880	890	903	915	928	940	952	962	972	980	986	984
145	900	901	903	907	911	916	921	928	935	944	954	963	973	982	990	998	1004	1009	1008
150	956	957	958	960	963	966	970	974	979	985	991	997	1003	1009	1015	1020	1024	1027	1027
155	1005	1005	1006	1008	1009	1011	1014	1017	1020	1023	1027	1030	1034	1037	1041	1044	1046	1048	1049
160	1045	1045	1046	1047	1047	1049	1050	1052	1054	1056	1058	1060	1062	1064	1067	1068	1070	1072	1072
165	1078	1078	1078	1078	1078	1079	1080	1080	1081	1082	1083	1084	1086	1087	1088	1089	1090	1091	1092
170	1103	1102	1102	1102	1101	1101	1101	1101	1101	1102	1102	1103	1103	1104	1104	1105	1105	1106	1107
175	1118	1117	1117	1117	1117	1117	1116	1116	1116	1116	1116	1116	1116	1116	1116	1116	1116	1117	1117
180	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561

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:0.6540A P:78.60W PF:0.9900 Freq:60.00Hz Lamp Flux:10430.3x1 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	1604	1604	1604	1604	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1605	1604	1604	1604
5	1604	1604	1604	1604	1604	1604	1603	1603	1603	1602	1602	1601	1601	1600	1599	1599	1598	1598	1597
10	1597	1597	1596	1595	1594	1593	1592	1591	1590	1588	1587	1585	1584	1582	1581	1580	1579	1578	1577
15	1584	1583	1581	1579	1577	1575	1572	1570	1567	1564	1561	1558	1555	1552	1550	1548	1546	1545	1545
20	1567	1564	1561	1557	1553	1548	1544	1539	1534	1529	1524	1519	1514	1510	1506	1503	1500	1500	1500
25	1547	1542	1537	1530	1524	1517	1509	1501	1493	1485	1478	1470	1463	1457	1451	1446	1442	1442	1444
30	1526	1519	1511	1501	1491	1480	1468	1456	1444	1433	1421	1411	1401	1392	1384	1377	1372	1372	1375
35	1518	1506	1493	1477	1460	1443	1424	1406	1389	1373	1357	1342	1328	1316	1306	1297	1290	1292	1296
40	1509	1493	1474	1453	1430	1406	1381	1356	1333	1310	1289	1269	1250	1233	1219	1207	1199	1203	1209
45	1491	1473	1452	1427	1401	1372	1342	1312	1282	1252	1223	1195	1170	1147	1127	1110	1098	1104	1114
50	1463	1443	1419	1392	1362	1330	1296	1261	1223	1185	1148	1113	1080	1050	1024	1002	986	994	1008
55	1421	1400	1374	1344	1311	1275	1237	1197	1152	1106	1062	1019	979	943	912	886	866	878	896
60	1361	1338	1311	1279	1243	1205	1164	1120	1068	1016	965	916	870	828	791	761	739	754	777
65	1286	1262	1234	1201	1164	1123	1079	1033	976	917	859	804	752	704	663	629	604	622	649
70	1192	1169	1140	1107	1069	1027	981	933	870	807	744	684	627	575	530	493	465	485	515
75	1049	1030	1005	976	942	904	863	818	753	688	622	559	499	444	396	356	327	349	382
80	745	740	732	721	707	689	667	642	586	529	470	412	356	305	259	221	191	214	247
85	343	343	342	341	338	334	328	319	290	260	229	197	167	139	114	93.4	77.2	89.3	106
90	16.3	22.5	29.3	36.3	43.3	49.8	55.8	60.7	56.9	52.2	46.6	40.6	34.4	28.2	22.3	17.0	12.5	14.1	16.7
95	236	245	253	259	264	267	268	266	246	223	200	175	152	129	109	91.8	78.3	90.7	107
100	453	456	456	455	451	445	436	424	393	360	325	291	259	228	201	179	162	178	200
105	604	600	593	584	572	558	541	523	489	454	419	385	352	322	295	273	257	271	292
110	722	709	693	674	652	629	604	578	547	515	485	456	428	404	383	366	354	365	382
115	771	761	747	731	712	692	671	648	621	594	567	541	517	495	477	462	452	462	477
120	809	801	791	779	765	750	733	715	692	669	646	623	603	584	568	554	545	555	569
125	861	854	844	834	821	807	792	777	757	737	718	699	681	666	652	641	634	642	654
130	908	901	892	882	870	858	844	830	814	798	782	767	753	741	730	722	716	723	732
135	947	941	932	923	912	900	888	876	863	851	839	827	817	808	801	795	791	796	804
140	979	973	966	958	948	938	928	918	909	900	891	883	876	870	865	862	860	864	869
145	1004	1000	995	989	982	975	968	961	954	948	942	936	931	927	924	922	920	924	928
150	1026	1024	1021	1018	1014	1010	1006	1002	998	993	989	985	982	979	976	975	974	977	980
155	1048	1048	1047	1045	1044	1042	1040	1038	1035	1033	1030	1027	1025	1023	1022	1021	1020	1022	1025
160	1072	1072	1072	1071	1071	1070	1069	1068	1067	1065	1064	1062	1061	1060	1059	1058	1058	1060	1061
165	1092	1092	1092	1092	1092	1092	1092	1092	1091	1091	1090	1089	1089	1088	1088	1088	1088	1089	1090
170	1107	1108	1108	1108	1109	1109	1109	1110	1110	1109	1109	1109	1109	1109	1108	1108	1108	1109	1109
175	1117	1118	1118	1119	1119	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1121	1121
180	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561

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:0.6540A P:78.60W PF:0.9900 Freq:60.00Hz Lamp Flux:10430.3x1 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	1604	1604	1604	1604	1604	1604	1604	1604	1604	1604	1604	1604	1604	1604	1604				
5	1597	1597	1596	1596	1596	1595	1595	1595	1595	1595	1595	1595	1596	1596	1596				
10	1577	1577	1577	1577	1577	1577	1577	1578	1578	1579	1579	1580	1581	1582	1583				
15	1545	1546	1546	1547	1548	1550	1551	1552	1554	1555	1557	1558	1560	1562	1564				
20	1501	1503	1505	1507	1510	1513	1516	1519	1522	1524	1527	1531	1534	1537	1541				
25	1446	1449	1453	1457	1462	1467	1472	1477	1482	1486	1492	1497	1502	1508	1514				
30	1378	1383	1389	1396	1404	1413	1421	1429	1437	1445	1454	1463	1472	1482	1492				
35	1302	1310	1319	1330	1342	1354	1368	1380	1392	1404	1418	1432	1446	1461	1476				
40	1219	1231	1245	1261	1278	1297	1317	1333	1349	1366	1384	1403	1421	1441	1461				
45	1128	1145	1164	1187	1211	1236	1263	1283	1305	1327	1349	1372	1395	1419	1443				
50	1027	1050	1076	1105	1137	1170	1204	1230	1256	1282	1309	1336	1364	1391	1419				
55	920	949	983	1019	1058	1099	1141	1171	1202	1232	1263	1294	1324	1355	1386				
60	806	842	882	926	972	1020	1069	1104	1139	1173	1207	1241	1274	1307	1339				
65	683	724	770	820	874	929	984	1023	1062	1100	1137	1174	1210	1246	1281				
70	553	599	650	705	764	824	885	928	970	1011	1052	1091	1130	1168	1205				
75	423	472	527	586	648	712	777	821	864	906	946	986	1025	1062	1098				
80	287	333	385	440	497	555	612	647	680	711	740	767	791	813	833				
85	128	153	181	211	243	275	307	329	349	369	388	406	424	440	456				
90	20.2	24.3	29.1	34.3	39.8	45.6	51.5	55.7	59.9	64.1	68.2	72.4	76.5	80.6	84.6				
95	126	148	172	196	221	245	268	279	288	295	300	302	303	302	299				
100	227	258	291	325	361	396	429	448	464	477	489	498	505	509	512				
105	317	346	378	413	448	484	519	542	563	583	601	618	634	648	661				
110	403	427	454	483	514	546	579	602	625	648	670	692	714	735	756				
115	496	518	542	569	597	625	654	674	694	713	732	751	769	787	804				
120	585	605	627	650	674	699	724	742	759	775	791	806	821	835	849				
125	668	685	703	723	744	766	788	803	818	833	847	862	875	889	902				
130	743	757	772	788	806	823	842	855	869	882	895	909	922	935	948				
135	813	823	835	848	862	876	891	902	914	926	938	950	962	974	987				
140	876	885	894	904	915	926	937	947	956	966	976	986	996	1006	1016				
145	934	940	947	955	963	971	980	987	995	1002	1009	1017	1024	1032	1040				
150	985	989	995	1001	1007	1013	1020	1025	1030	1035	1040	1045	1050	1056	1061				
155	1028	1032	1036	1040	1044	1049	1053	1057	1060	1064	1067	1071	1074	1077	1081				
160	1064	1066	1068	1071	1074	1077	1080	1082	1084	1086	1089	1091	1093	1095	1097				
165	1091	1092	1094	1095	1097	1099	1100	1101	1103	1104	1105	1106	1107	1108	1109				
170	1110	1111	1112	1112	1113	1114	1115	1115	1116	1116	1117	1117	1117	1118	1118				
175	1121	1122	1122	1122	1123	1123	1123	1123	1123	1123	1123	1123	1123	1123	1123				
180	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561				

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: