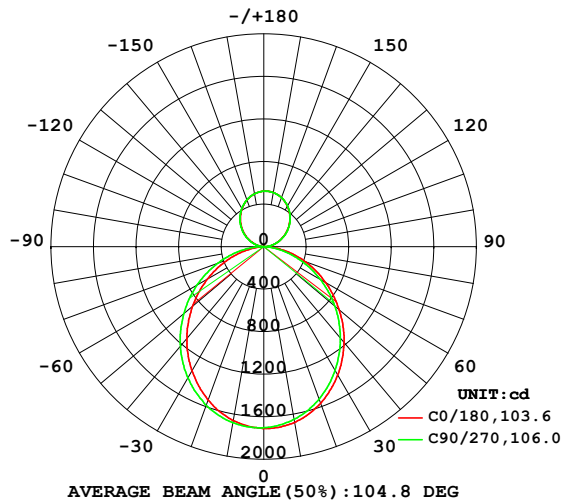


LUMINAIRE PHOTOMETRIC TEST REPORT

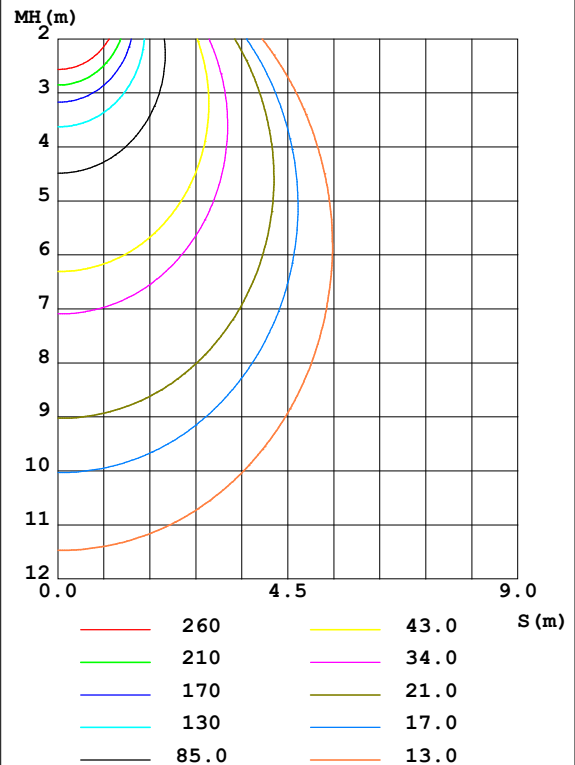
NAME: 八代上下发光	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.21*0.095	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 120.71 lm/W			
MODEL		I _{max} (cd)	1710	S/MH (C0/180)	1.22
NOMINAL POWER (W)	50	LOR (%)	100.0	S/MH (C90/270)	1.25
RATED VOLTAGE (V)	120.0	TOTAL FLUX (lm)	5914.7	η UP, DN (C0-180)	12.6, 36.6
NOMINAL FLUX (lm)	5914.73	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	11.6, 39.2
LAMPS INSIDE	1	η up (%)	24.2	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120.0	η down (%)	75.8	CIBSE SHR MAX	1.35

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:

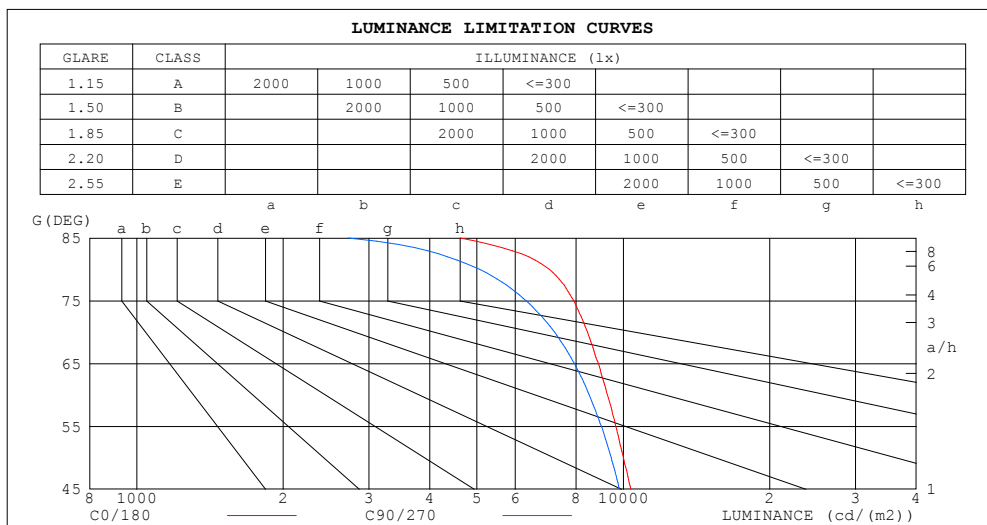
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1677	1663	1648	1649	1660	1670	1681	1682	0- 10	160.9	160.9	2.72,2.72
20	1566	1547	1525	1519	1533	1559	1588	1583	10- 20	456.1	617.0	10.4,10.4
30	1392	1372	1343	1336	1350	1386	1426	1421	20- 30	677.6	1295	21.9,21.9
40	1175	1154	1121	1113	1127	1171	1221	1210	30- 40	796.9	2092	35.4,35.4
50	926.3	909.3	874.3	866.3	876.1	927.4	983.2	969.0	40- 50	803.5	2895	48.9,48.9
60	667.8	649.5	612.9	603.1	613.5	665.6	726.3	710.4	50- 60	704.3	3599	60.9,60.9
70	415.7	394.0	355.9	345.4	355.4	403.7	463.6	448.9	60- 70	520.9	4120	69.7,69.7
80	176.3	157.0	126.8	112.1	119.0	162.7	217.5	207.1	70- 80	292.1	4412	74.6,74.6
90	1.686	7.661	3.850	3.055	0.8860	3.618	14.87	4.083	80- 90	69.29	4482	75.8,75.8
100	75.71	82.80	73.46	53.35	35.41	36.47	46.25	62.87	90-100	28.08	4510	76.2,76.2
110	151.3	161.8	154.3	129.1	111.1	109.1	119.0	135.4	100-110	100.6	4610	77.9,77.9
120	232.9	242.7	236.3	209.6	191.4	187.9	198.3	217.8	110-120	172.5	4783	80.9,80.9
130	311.3	320.6	314.6	288.6	270.6	266.3	276.3	296.9	120-130	227.4	5010	84.7,84.7
140	382.9	391.4	385.9	362.1	345.3	341.0	349.8	369.5	130-140	254.9	5265	89,89
150	444.4	451.2	446.1	426.6	412.4	408.2	415.4	432.2	140-150	249.7	5515	93.2,93.2
160	490.5	495.3	491.3	477.3	467.3	463.5	468.5	481.2	150-160	210.2	5725	96.8,96.8
170	517.8	520.0	517.5	510.6	505.8	503.0	505.7	512.2	160-170	140.4	5865	99.2,99.2
180	520.8	520.8	520.8	520.8	520.8	520.8	520.8	520.8	170-180	49.35	5915	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

NAME: 八代上下发光	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.21*0.095	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4620	2719
80	7049	5071
75	7912	6314
70	8440	7225
65	8889	7936
60	9275	8512
55	9655	9017
50	10007	9445
45	10358	9817

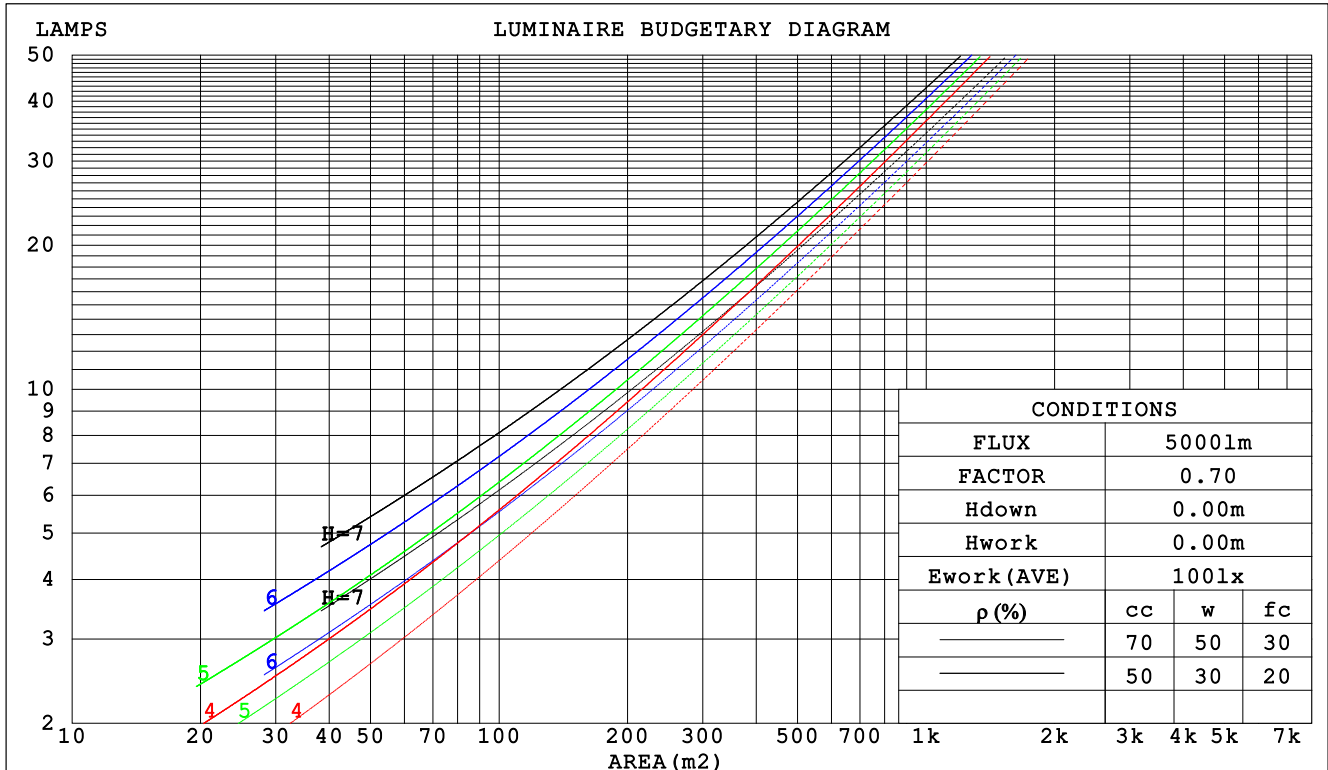
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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

NAME: 八代上下发光	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.21*0.095	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	1.13	1.13	1.13	1.08	1.08	1.08	.98	.98	.98	.88	.88	.88	.80	.80	.80	.76
1.0	.99	.95	.91	.94	.91	.88	.86	.83	.81	.78	.76	.74	.71	.69	.68	.64
2.0	.87	.80	.75	.83	.77	.72	.75	.71	.67	.68	.65	.62	.62	.59	.57	.53
3.0	.76	.68	.62	.73	.66	.60	.66	.61	.56	.60	.56	.52	.55	.51	.48	.45
4.0	.67	.59	.53	.65	.57	.51	.59	.53	.48	.54	.49	.45	.49	.45	.42	.39
5.0	.60	.52	.45	.58	.50	.44	.53	.46	.41	.48	.43	.39	.44	.40	.36	.34
6.0	.54	.46	.40	.52	.44	.38	.48	.41	.36	.44	.38	.34	.40	.36	.32	.29
7.0	.49	.41	.35	.47	.39	.34	.43	.37	.32	.40	.34	.30	.37	.32	.28	.26
8.0	.45	.37	.31	.43	.35	.30	.40	.33	.29	.37	.31	.27	.34	.29	.25	.23
9.0	.41	.33	.28	.39	.32	.27	.36	.30	.26	.34	.28	.24	.31	.26	.23	.21
10.0	.38	.30	.25	.36	.29	.25	.34	.28	.23	.31	.26	.22	.29	.24	.21	.19



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

NAME: 八代上下发光	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.21*0.095	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	.290	.165	.052	.276	.157	.050	.249	.143	.046	.224	.129	.041	.201	.117	.038	
2.0	.273	.150	.046	.260	.143	.044	.236	.131	.041	.213	.120	.037	.193	.109	.034	
3.0	.253	.135	.040	.241	.129	.039	.219	.119	.036	.199	.109	.033	.180	.100	.031	
4.0	.234	.122	.036	.224	.117	.035	.204	.108	.032	.185	.099	.030	.168	.091	.028	
5.0	.217	.111	.032	.207	.106	.031	.189	.098	.029	.172	.091	.027	.156	.083	.025	
6.0	.202	.101	.029	.193	.097	.028	.176	.090	.026	.161	.083	.025	.146	.077	.023	
7.0	.188	.093	.026	.180	.090	.026	.165	.083	.024	.150	.077	.022	.137	.071	.021	
8.0	.176	.086	.024	.169	.083	.023	.154	.077	.022	.141	.071	.021	.128	.066	.019	
9.0	.165	.080	.022	.158	.077	.022	.145	.072	.020	.133	.067	.019	.121	.061	.018	
10.0	.156	.075	.021	.149	.072	.020	.137	.067	.019	.125	.062	.018	.114	.058	.017	

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	.375	.375	.375	.321	.321	.321	.219	.219	.219	.126	.126	.126	.040	.040	.040	
1.0	.365	.342	.322	.312	.294	.277	.214	.202	.192	.123	.117	.111	.039	.038	.036	
2.0	.357	.319	.288	.306	.275	.249	.210	.190	.173	.121	.111	.102	.039	.036	.033	
3.0	.350	.303	.265	.300	.261	.230	.206	.181	.161	.119	.106	.095	.038	.034	.031	
4.0	.342	.290	.250	.294	.250	.217	.202	.175	.153	.117	.102	.090	.038	.033	.030	
5.0	.335	.280	.239	.288	.242	.208	.198	.169	.147	.115	.099	.087	.037	.032	.029	
6.0	.329	.272	.231	.283	.236	.201	.195	.165	.143	.113	.097	.085	.036	.032	.028	
7.0	.322	.265	.226	.277	.230	.197	.192	.161	.139	.111	.095	.083	.036	.031	.027	
8.0	.316	.260	.221	.272	.225	.193	.188	.158	.137	.110	.093	.082	.035	.031	.027	
9.0	.311	.255	.218	.268	.222	.190	.185	.156	.135	.108	.092	.080	.035	.030	.027	
10.0	.305	.251	.215	.263	.218	.188	.183	.153	.133	.106	.091	.080	.035	.030	.026	

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

NAME: 八代上下发光					TYPE:3000K					WEIGHT:				
SPEC.:					DIM.:					SERIAL No.:				
MFR.: EVERFINE					SUR.:1.21*0.095					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					19.3	20.4	19.8	21.0	21.7	18.9	20.1	19.5	20.7	21.3
3H					20.7	21.7	21.3	22.3	23.0	20.2	21.3	20.8	21.9	22.6
4H					21.2	22.2	21.9	22.9	23.6	20.6	21.6	21.3	22.3	23.0
6H					21.6	22.6	22.3	23.2	24.0	20.9	21.8	21.5	22.5	23.2
8H					21.7	22.6	22.4	23.3	24.0	20.9	21.8	21.6	22.5	23.2
12H					21.8	22.6	22.4	23.3	24.1	20.9	21.8	21.6	22.4	23.2
4H 2H					19.7	20.7	20.3	21.3	22.1	19.5	20.5	20.1	21.1	21.8
3H					21.3	22.2	22.0	22.8	23.6	20.9	21.7	21.6	22.4	23.2
4H					22.0	22.8	22.7	23.4	24.2	21.4	22.2	22.1	22.9	23.7
6H					22.5	23.2	23.2	23.9	24.7	21.8	22.5	22.5	23.2	24.0
8H					22.6	23.3	23.4	24.0	24.8	21.9	22.5	22.6	23.2	24.1
12H					22.7	23.3	23.4	24.0	24.9	21.9	22.4	22.6	23.2	24.1
8H 4H					22.1	22.8	22.9	23.5	24.3	21.6	22.3	22.4	23.0	23.9
6H					22.8	23.3	23.5	24.0	24.9	22.1	22.6	22.9	23.4	24.3
8H					23.0	23.4	23.7	24.2	25.1	22.2	22.7	23.0	23.5	24.4
12H					23.1	23.5	23.9	24.2	25.2	22.3	22.7	23.1	23.5	24.4
12H 4H					22.1	22.7	22.8	23.4	24.3	21.6	22.2	22.4	22.9	23.8
6H					22.8	23.2	23.5	24.0	24.9	22.1	22.6	22.9	23.4	24.3
8H					23.0	23.4	23.8	24.2	25.1	22.3	22.7	23.1	23.5	24.4
Variations with the observer position at spacings:														
S = 1.0H					+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H					+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H					+ 0.2 / - 0.2					+ 0.2 / - 0.4				

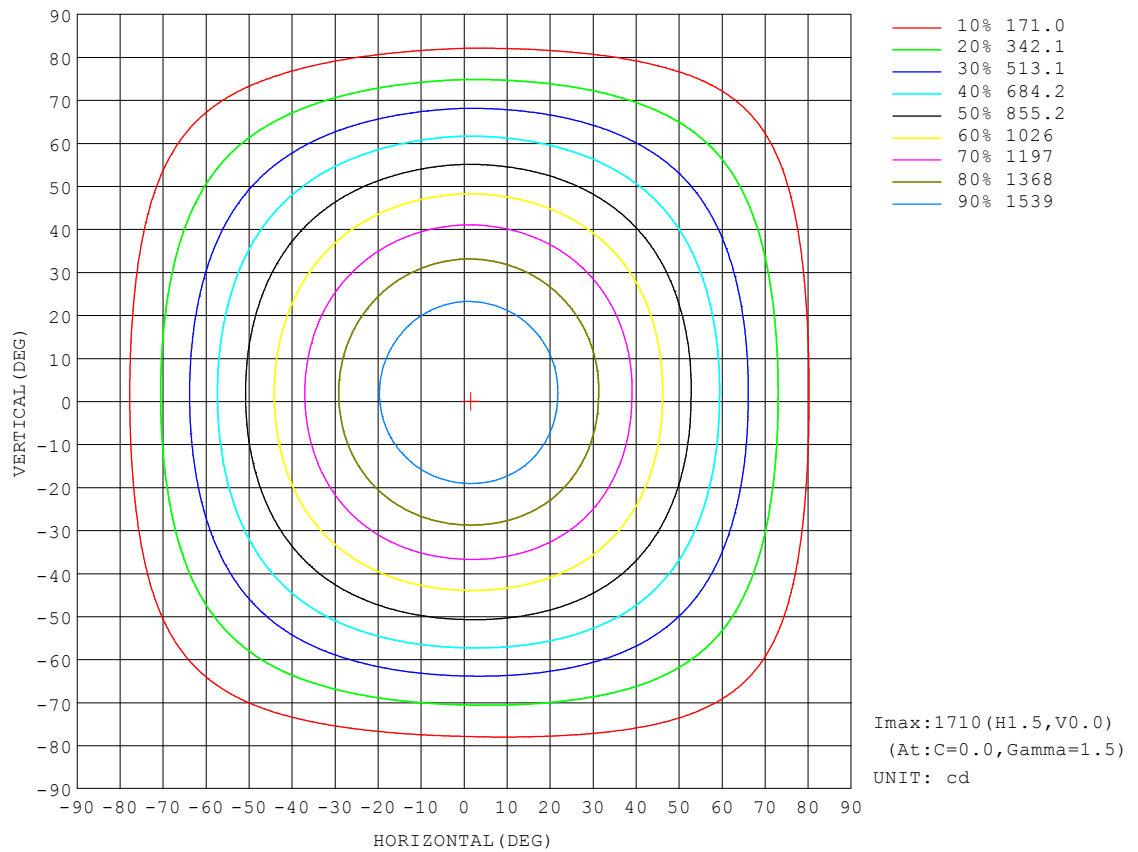
CIE Pub.117 Corrected 5915 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.2)

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

NAME: 八代上下发光	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.21*0.095	Shielding Angle:

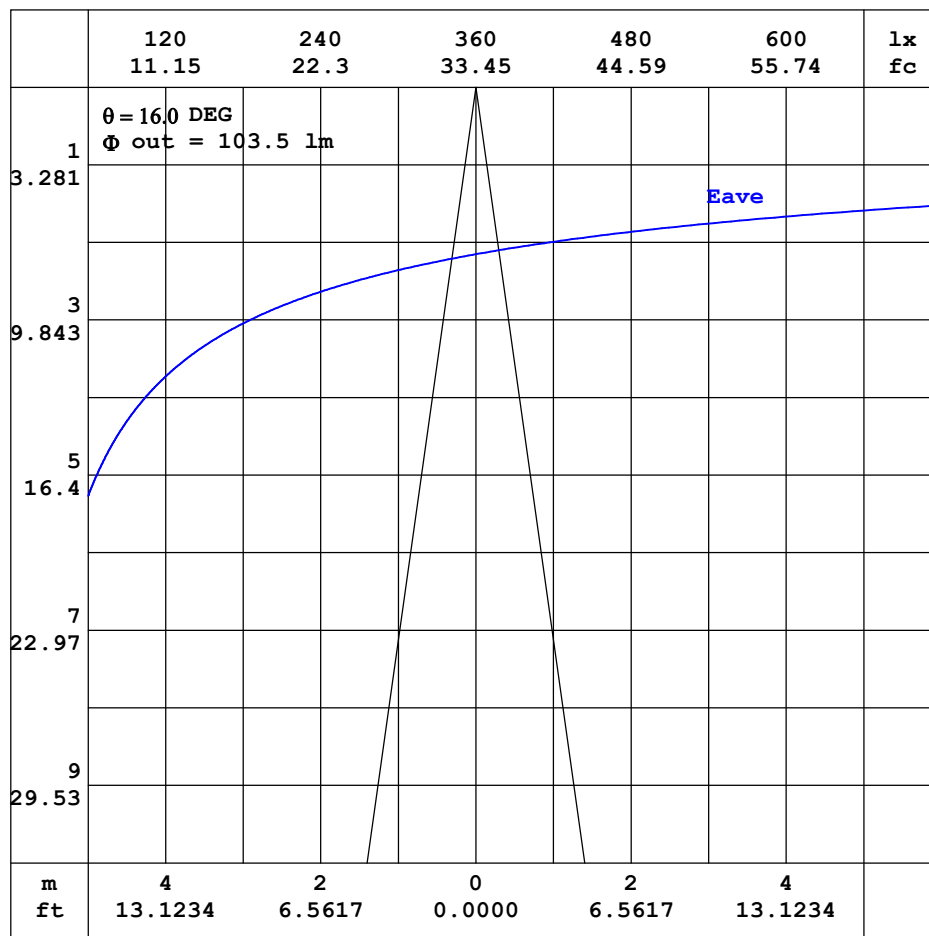


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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

NAME: 八代上下发光	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.21*0.095	Shielding Angle:



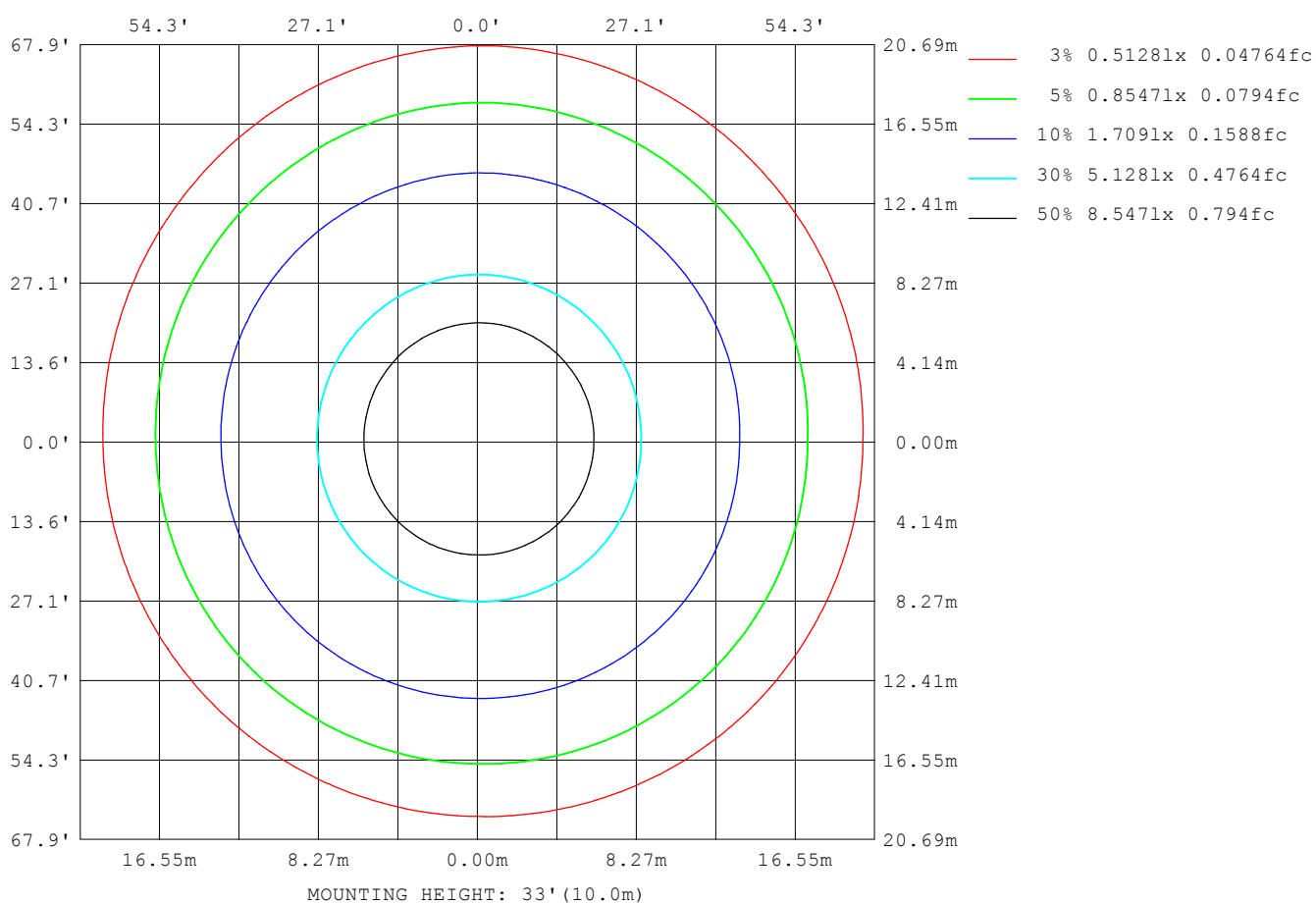
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

NAME: 八代上下发光	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.21*0.095	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

NAME: 八代上下发光	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.21*0.095	Shielding Angle:

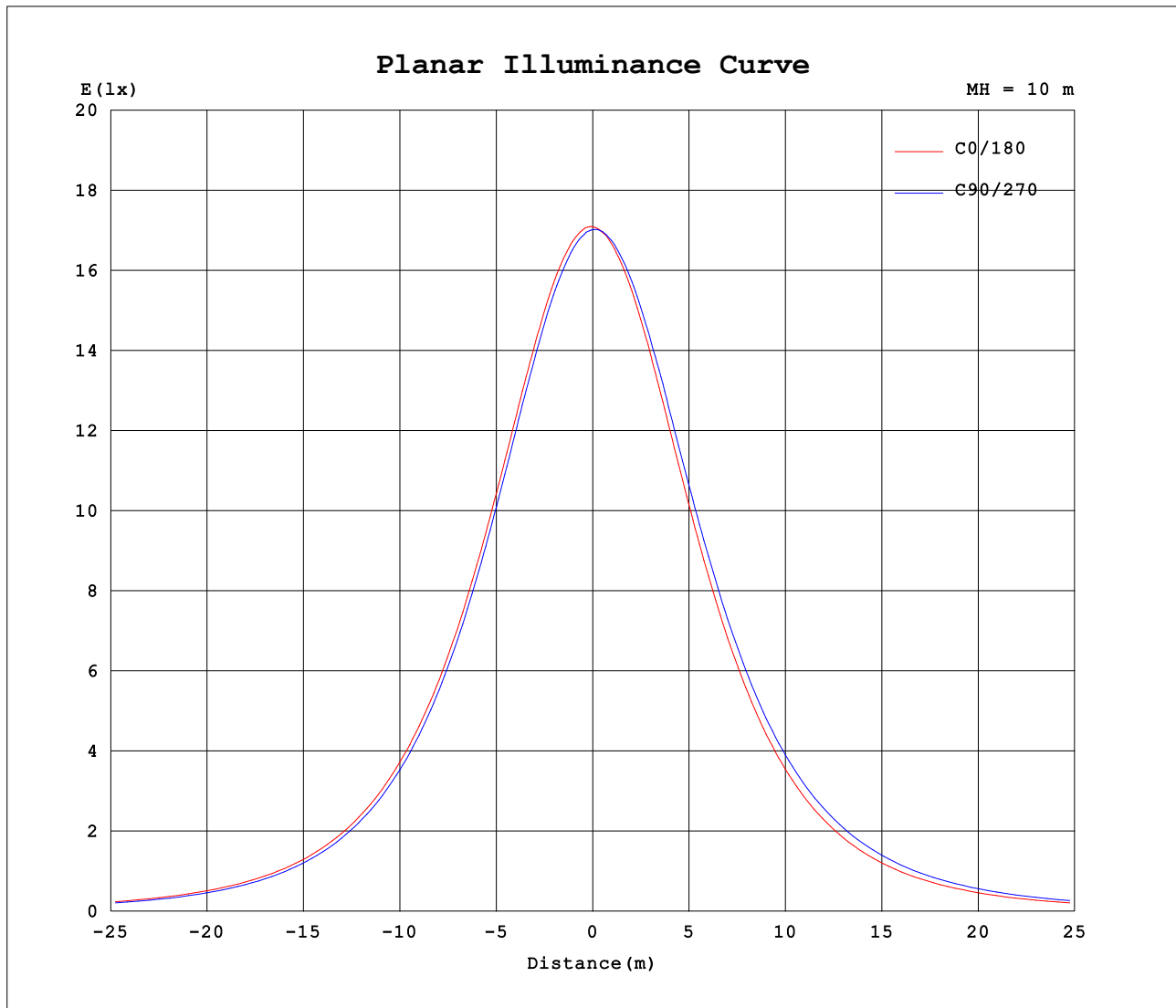
AvgL	cd/m2
L_0~180 (65) av	8408
L_0~180 (75) av	7099
L_0~180 (85) av	3034
L_90~270 (65) av	8847
L_90~270 (75) av	7675
L_90~270 (85) av	5608
L_45 (65) av	8649
L_45 (75) av	7402
L_45 (85) av	4273

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

NAME: 八代上下发光	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.21*0.095	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	1709	1709	1709	1708	1708	1707	1707	1706	1706	1706	1705	1705	1704	1704	1703	1703	1703	1702	1702
5	1703	1702	1701	1700	1699	1697	1696	1695	1694	1693	1692	1691	1690	1689	1688	1687	1686	1685	1685
10	1677	1675	1674	1672	1671	1669	1668	1666	1665	1663	1661	1659	1657	1656	1654	1652	1651	1649	1648
15	1631	1629	1628	1626	1624	1623	1621	1619	1617	1615	1613	1610	1608	1606	1603	1601	1599	1597	1596
20	1566	1564	1562	1560	1558	1556	1553	1551	1549	1547	1544	1541	1539	1536	1534	1531	1529	1527	1525
25	1485	1483	1481	1479	1477	1475	1472	1470	1468	1465	1462	1459	1456	1453	1450	1447	1444	1441	1439
30	1392	1390	1388	1386	1384	1382	1380	1377	1375	1372	1369	1365	1362	1359	1355	1352	1349	1346	1343
35	1287	1285	1283	1281	1279	1277	1274	1272	1269	1266	1263	1259	1256	1252	1249	1245	1242	1239	1236
40	1175	1173	1171	1169	1167	1165	1162	1160	1157	1154	1150	1146	1142	1139	1135	1131	1127	1124	1121
45	1055	1053	1051	1049	1047	1045	1042	1040	1037	1034	1030	1026	1022	1018	1014	1010	1006	1003	1000
50	926	925	924	923	921	919	917	915	912	909	905	901	897	893	889	885	881	878	874
55	797	797	795	794	792	790	788	786	783	781	777	773	769	764	760	756	752	748	745
60	668	667	665	664	662	660	658	655	652	649	645	641	637	633	629	624	620	616	613
65	541	539	538	536	534	532	529	526	523	520	516	512	508	503	499	495	490	487	483
70	416	414	412	410	408	406	403	400	397	394	390	385	381	376	372	368	363	360	356
75	295	293	292	290	287	285	282	280	277	273	269	265	260	256	251	247	243	239	235
80	176	175	173	171	169	167	165	162	160	157	154	150	147	143	140	136	133	130	127
85	58.0	57.0	55.9	54.8	53.7	52.6	51.4	50.1	48.9	47.6	46.3	44.9	43.5	42.1	40.6	39.1	37.5	35.8	34.1
90	1.69	2.83	3.86	4.76	5.55	6.21	6.76	7.18	7.48	7.66	7.49	7.21	6.85	6.41	5.93	5.42	4.89	4.36	3.85
95	37.4	39.4	41.1	42.7	44.0	45.0	45.8	46.4	46.8	46.9	46.6	46.0	45.3	44.4	43.2	41.9	40.4	38.8	37.0
100	75.7	77.3	78.7	79.9	80.9	81.7	82.3	82.6	82.8	82.8	82.5	81.9	81.2	80.3	79.3	78.1	76.7	75.1	73.5
105	112	114	116	117	119	120	121	121	122	122	122	121	121	120	119	118	116	115	113
110	151	153	155	157	158	159	160	161	161	162	162	162	161	161	160	159	158	156	154
115	192	194	196	198	199	200	201	202	202	202	202	202	202	201	201	200	198	197	195
120	233	235	236	238	239	240	241	242	242	243	243	243	243	242	241	240	239	238	236
125	273	275	276	278	279	280	281	281	282	282	282	282	282	282	281	280	279	278	276
130	311	313	315	316	317	318	319	320	320	321	321	321	321	320	319	319	317	316	315
135	348	350	351	353	354	355	356	356	357	357	357	357	357	357	356	355	354	353	351
140	383	385	386	387	388	389	390	391	391	391	392	392	391	391	390	390	389	387	386
145	415	417	418	419	420	421	422	422	423	423	423	423	423	422	422	421	420	419	417
150	444	446	447	448	449	450	450	451	451	451	451	451	451	451	450	449	448	447	446
155	469	471	472	473	473	474	475	475	475	475	476	475	475	475	474	474	473	472	471
160	491	491	492	493	494	494	495	495	495	495	495	495	495	495	494	494	493	492	491
165	507	508	508	509	509	510	510	510	510	510	510	510	510	510	509	509	508	508	507
170	518	518	519	519	519	520	520	520	520	520	520	520	520	519	519	519	518	518	518
175	523	523	523	524	524	524	524	524	524	524	524	524	524	524	524	524	523	523	523
180	521	521	521	521	521	521	521	521	521	521	521	521	521	521	521	521	521	521	521

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

NAME: 八代上下发光	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.21*0.095	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	1702	1702	1702	1702	1703	1703	1703	1704	1704	1705	1705	1706	1707	1707	1708	1709	1709	1709	1709
5	1684	1684	1684	1685	1685	1685	1686	1686	1687	1688	1688	1689	1690	1691	1692	1693	1694	1694	1695
10	1648	1647	1647	1647	1647	1647	1647	1648	1649	1649	1651	1652	1653	1654	1655	1657	1658	1660	1661
15	1595	1594	1593	1593	1593	1593	1593	1594	1594	1595	1596	1597	1599	1600	1601	1603	1604	1606	1608
20	1523	1522	1521	1520	1519	1519	1518	1518	1519	1520	1521	1522	1523	1525	1527	1529	1531	1533	1536
25	1437	1436	1435	1434	1433	1433	1433	1433	1433	1434	1435	1436	1437	1439	1441	1443	1445	1448	1451
30	1342	1340	1338	1337	1336	1336	1335	1335	1336	1336	1337	1338	1339	1341	1342	1345	1347	1350	1353
35	1234	1233	1231	1230	1229	1229	1228	1228	1228	1229	1229	1230	1231	1233	1235	1237	1239	1242	1246
40	1119	1117	1116	1115	1114	1113	1113	1113	1113	1114	1114	1115	1116	1118	1120	1122	1124	1127	1131
45	998	996	994	993	992	992	992	991	992	992	992	993	994	995	997	998	1001	1004	1008
50	872	870	869	868	867	867	866	866	866	866	866	866	867	868	869	871	873	876	880
55	742	740	739	737	736	735	735	734	734	734	734	735	736	737	738	740	743	746	750
60	611	609	607	606	605	604	603	603	603	603	603	603	604	605	606	608	611	613	618
65	481	479	477	476	475	474	473	473	473	473	473	473	473	474	476	477	480	482	487
70	353	351	350	348	347	346	346	345	345	345	345	346	346	347	349	350	353	355	359
75	233	231	230	228	227	226	225	225	225	225	225	225	226	227	228	230	232	234	238
80	124	122	120	118	117	115	114	113	112	112	111	111	112	112	113	115	117	119	123
85	31.8	29.5	27.2	24.9	22.7	20.7	18.7	17.0	15.5	14.5	13.7	13.2	13.1	13.3	13.9	14.9	16.3	18.2	21.3
90	3.69	3.57	3.47	3.39	3.32	3.26	3.20	3.13	3.06	2.77	2.47	2.17	1.89	1.62	1.37	1.17	1.00	0.89	0.88
95	35.0	32.8	30.5	28.2	25.8	23.4	21.0	18.6	16.3	14.1	12.0	9.98	8.09	6.33	4.71	3.26	1.97	0.88	0.52
100	71.5	69.5	67.3	65.1	62.8	60.4	58.1	55.7	53.3	50.9	48.6	46.3	44.1	42.0	40.1	38.4	36.8	35.4	34.8
105	111	108	106	103	101	98.1	95.4	92.8	90.2	87.8	85.5	83.4	81.3	79.4	77.6	75.9	74.4	73.1	72.3
110	152	149	147	144	141	138	135	132	129	127	124	122	120	118	116	114	113	111	110
115	193	190	187	185	182	179	175	172	169	167	164	162	160	158	156	154	153	151	150
120	234	231	228	225	222	219	216	213	210	207	205	202	200	198	196	194	193	191	190
125	274	271	268	265	262	259	256	253	250	247	245	242	240	238	236	234	233	231	230
130	312	310	307	304	301	298	295	292	289	286	284	281	279	277	275	274	272	271	269
135	349	346	344	341	338	335	332	329	326	324	321	319	317	315	313	312	310	309	308
140	384	381	379	376	373	370	368	365	362	360	358	355	353	352	350	348	347	345	344
145	415	413	411	408	406	403	401	398	396	394	392	390	388	386	384	383	381	380	379
150	444	442	440	438	436	433	431	429	427	425	423	421	419	418	416	415	414	412	411
155	469	467	466	464	462	460	458	456	454	452	450	449	447	446	445	444	442	441	441
160	490	489	487	486	484	482	481	479	477	476	475	473	472	471	470	469	468	467	467
165	506	505	504	503	501	500	499	498	496	495	494	493	493	492	491	490	489	489	488
170	517	516	515	515	514	513	512	511	511	510	509	509	508	508	507	507	506	506	505
175	523	522	522	521	521	520	520	520	519	519	519	518	518	518	518	517	517	517	517
180	521	521	521	521	521	521	521	521	521	521	521	521	521	521	521	521	521	521	521

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

NAME: 八代上下发光	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.21*0.095	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	1709	1709	1708	1708	1707	1707	1706	1706	1705	1705	1704	1704	1703	1703	1703	1702	1702	1702	1702
5	1695	1695	1695	1696	1696	1696	1696	1696	1697	1697	1697	1698	1698	1699	1699	1699	1700	1700	1701
10	1662	1663	1664	1665	1666	1667	1668	1670	1671	1672	1674	1675	1676	1677	1679	1680	1681	1681	1682
15	1610	1611	1613	1615	1617	1619	1621	1623	1625	1628	1630	1632	1634	1636	1638	1640	1641	1642	1643
20	1538	1541	1544	1547	1550	1553	1556	1559	1563	1566	1570	1574	1577	1580	1583	1586	1588	1589	1589
25	1454	1457	1461	1465	1468	1472	1476	1480	1484	1488	1492	1496	1499	1503	1506	1509	1511	1512	1513
30	1356	1360	1364	1368	1373	1377	1382	1386	1391	1397	1402	1406	1411	1415	1419	1423	1426	1427	1428
35	1250	1254	1259	1263	1268	1273	1278	1283	1289	1295	1300	1306	1311	1316	1320	1324	1327	1329	1329
40	1135	1140	1145	1149	1155	1160	1166	1171	1178	1184	1190	1196	1202	1208	1213	1217	1221	1222	1222
45	1012	1017	1022	1028	1033	1039	1045	1051	1058	1065	1072	1079	1085	1091	1096	1101	1105	1106	1106
50	885	890	896	902	908	914	921	927	935	942	949	956	963	969	974	979	983	984	985
55	755	761	767	773	779	786	792	799	807	815	822	829	836	842	848	853	857	858	858
60	623	628	633	639	646	652	659	666	673	681	689	697	704	710	716	722	726	727	728
65	491	497	502	508	514	521	527	534	542	550	557	565	572	578	584	589	594	595	595
70	364	369	374	379	385	391	397	404	411	419	427	434	441	448	454	459	464	465	465
75	242	247	251	257	262	268	274	280	287	294	302	309	315	322	327	332	337	338	338
80	126	131	135	140	146	151	157	163	170	177	184	191	197	203	209	213	218	219	219
85	24.9	28.9	33.2	37.8	42.7	47.7	53.0	58.4	64.7	71.0	77.2	83.3	89.0	94.3	99.0	103	107	107	108
90	0.94	1.07	1.28	1.57	1.94	2.40	2.96	3.62	5.01	6.46	7.93	9.38	10.8	12.1	13.2	14.2	14.9	14.2	13.3
95	0.60	0.68	0.77	0.85	0.93	1.01	1.40	2.13	2.89	3.77	4.75	5.84	7.01	8.28	9.64	11.1	12.6	14.4	16.2
100	34.4	34.2	34.2	34.3	34.6	35.1	35.7	36.5	37.2	38.0	38.9	39.9	40.9	42.1	43.4	44.8	46.2	48.0	49.7
105	71.6	71.1	70.8	70.7	70.7	70.9	71.2	71.7	72.3	73.0	73.9	74.8	75.9	77.1	78.3	79.7	81.1	82.7	84.2
110	109	109	108	108	108	108	109	109	110	110	111	112	113	115	116	117	119	121	122
115	149	149	148	148	148	148	148	148	149	150	150	152	153	154	155	157	159	160	162
120	189	189	188	188	187	187	188	188	188	189	190	191	192	194	195	197	198	200	202
125	229	228	228	227	227	227	227	227	228	229	229	230	232	233	234	236	238	240	242
130	268	268	267	266	266	266	266	266	267	267	268	269	270	272	273	275	276	278	281
135	307	306	305	305	304	304	304	304	305	305	306	307	308	310	311	312	314	316	318
140	343	342	342	341	341	341	341	341	341	342	343	343	344	346	347	348	350	352	354
145	378	377	377	376	376	376	376	376	376	377	377	378	379	380	381	382	384	386	388
150	411	410	409	409	408	408	408	408	408	409	409	410	411	412	413	414	415	417	419
155	440	439	439	438	438	438	438	438	438	438	439	439	440	441	442	443	444	445	447
160	466	465	465	464	464	464	464	464	464	464	464	465	465	466	467	468	469	470	471
165	488	487	487	486	486	486	485	485	486	486	486	487	487	488	489	489	490	491	492
170	505	504	504	504	503	503	503	503	503	503	503	504	504	504	505	505	506	506	507
175	516	516	516	516	516	515	515	515	515	515	515	515	516	516	516	516	516	517	517
180	521	521	521	521	521	521	521	521	521	521	521	521	521	521	521	521	521	521	521

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

NAME: 八代上下发光	TYPE:3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.21*0.095	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	1702	1702	1703	1703	1703	1704	1704	1705	1705	1706	1706	1707	1707	1708	1709				
5	1701	1702	1702	1703	1703	1703	1704	1704	1704	1704	1704	1704	1704	1704	1704				
10	1682	1682	1683	1683	1683	1683	1682	1682	1682	1681	1681	1680	1680	1679	1678				
15	1643	1644	1644	1643	1643	1643	1642	1641	1641	1640	1639	1637	1636	1634	1633				
20	1589	1589	1588	1587	1586	1585	1583	1582	1580	1579	1577	1575	1573	1571	1569				
25	1514	1514	1514	1513	1512	1511	1510	1508	1506	1504	1502	1499	1496	1492	1489				
30	1428	1428	1427	1426	1424	1423	1421	1418	1416	1414	1411	1408	1404	1400	1396				
35	1330	1329	1328	1327	1325	1323	1320	1318	1315	1312	1309	1305	1301	1297	1292				
40	1222	1221	1220	1218	1216	1213	1210	1207	1204	1201	1197	1193	1189	1184	1180				
45	1106	1105	1103	1101	1099	1096	1092	1089	1086	1082	1079	1074	1070	1065	1060				
50	984	983	981	979	976	973	969	966	962	958	954	949	944	938	932				
55	858	857	855	852	849	846	842	838	835	830	826	821	816	810	804				
60	727	726	724	721	718	714	710	707	703	699	695	690	685	680	674				
65	594	593	591	588	585	582	578	575	572	568	564	560	556	551	546				
70	464	463	461	459	456	452	449	446	443	440	436	433	429	425	420				
75	338	337	336	334	331	329	326	323	320	318	314	311	307	303	299				
80	219	218	217	215	213	210	207	205	202	199	196	192	189	185	181				
85	107	106	104	102	99.3	96.3	93.0	90.2	87.1	83.7	80.1	76.2	72.0	67.6	62.9				
90	12.2	11.0	9.65	8.25	6.83	5.42	4.08	3.40	2.83	2.35	1.98	1.72	1.55	1.49	1.54				
95	18.1	19.9	21.8	23.7	25.5	27.3	28.9	30.3	31.5	32.6	33.7	34.6	35.4	36.2	36.8				
100	51.6	53.4	55.3	57.2	59.1	61.0	62.9	64.5	66.1	67.6	69.0	70.5	71.9	73.2	74.5				
105	85.9	87.6	89.3	91.1	92.9	94.7	96.5	98.2	99.9	102	103	105	107	108	110				
110	124	126	128	130	132	134	135	137	139	141	143	144	146	148	150				
115	164	166	169	171	173	175	177	179	181	182	184	186	188	189	191				
120	204	207	209	211	213	216	218	220	222	223	225	227	228	230	231				
125	244	246	249	251	253	256	258	260	262	263	265	267	268	270	271				
130	283	285	288	290	292	295	297	299	301	302	304	306	307	309	310				
135	321	323	325	328	330	332	334	336	338	340	341	343	344	346	347				
140	356	358	361	363	365	367	369	371	373	375	376	378	379	380	382				
145	390	392	394	396	398	400	402	404	406	407	409	410	412	413	414				
150	421	423	424	426	428	430	432	434	435	437	438	440	441	442	443				
155	448	450	452	454	455	457	459	460	461	463	464	465	466	467	468				
160	472	474	475	477	478	480	481	482	484	485	486	487	488	489	490				
165	493	494	495	496	497	498	499	500	501	502	503	504	505	506	506				
170	508	508	509	510	511	511	512	513	514	514	515	515	516	517	517				
175	518	518	518	519	519	520	520	520	521	521	521	522	522	522	523				
180	521	521	521	521	521	521	521	521	521	521	521	521	521	521	521				

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: