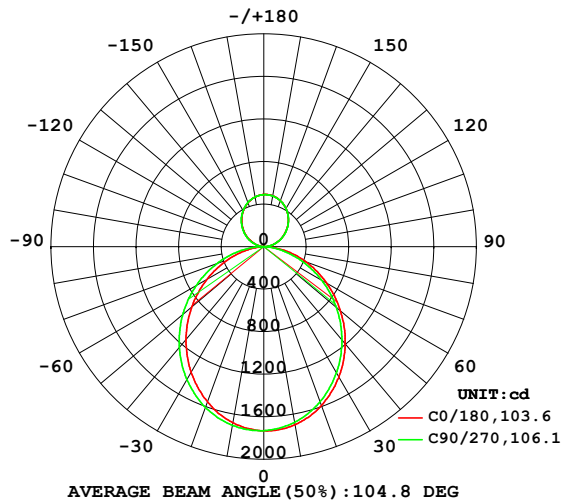


LUMINAIRE PHOTOMETRIC TEST REPORT

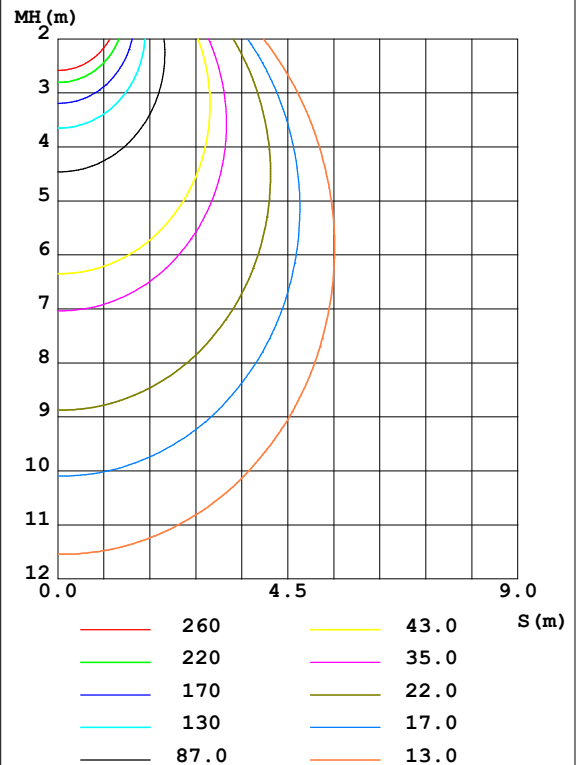
NAME: 八代上下发光	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.21*0.095	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 123.65 lm/W			
MODEL		I _{max} (cd)	1737	S/MH (C0/180)	1.22
NOMINAL POWER (W)	50	LOR (%)	100.0	S/MH (C90/270)	1.24
RATED VOLTAGE (V)	120.0	TOTAL FLUX (lm)	5898.0	η UP, DN (C0-180)	11.9, 37.3
NOMINAL FLUX (lm)	5897.97	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	11.0, 39.8
LAMPS INSIDE	1	η up (%)	22.8	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120.0	η down (%)	77.2	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:

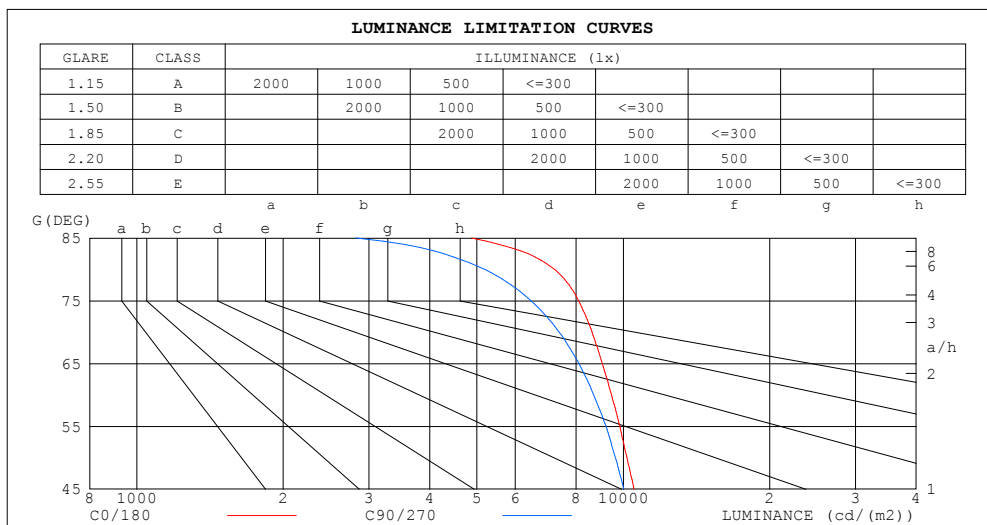
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1699	1688	1677	1678	1681	1691	1706	1712	0- 10	163.4	163.4	2.77,2.77
20	1589	1572	1551	1548	1551	1579	1609	1611	10- 20	463.1	626.5	10.6,10.6
30	1414	1394	1368	1362	1366	1404	1444	1443	20- 30	688.0	1314	22.3,22.3
40	1193	1173	1144	1135	1139	1184	1236	1229	30- 40	809.2	2124	36,36
50	941.5	925.8	891.7	883.6	884.3	938.1	995.7	984.7	40- 50	815.9	2940	49.8,49.8
60	680.8	662.1	625.7	615.7	617.4	678.1	734.8	721.2	50- 60	715.5	3655	62,62
70	425.0	401.7	363.7	352.4	357.0	407.1	469.7	455.5	60- 70	529.1	4184	70.9,70.9
80	180.7	160.4	129.9	114.0	117.9	163.7	220.1	210.5	70- 80	296.6	4481	76,76
90	1.640	7.272	3.729	3.002	0.8836	3.603	14.77	4.204	80- 90	70.26	4551	77.2,77.2
100	71.34	77.42	69.33	49.96	33.44	34.46	43.63	59.13	90-100	26.45	4577	77.6,77.6
110	142.0	151.2	143.7	121.3	104.9	103.0	112.3	127.6	100-110	94.50	4672	79.2,79.2
120	219.0	226.8	221.1	196.8	180.4	177.4	187.1	205.3	110-120	162.1	4834	82,82
130	292.4	299.6	294.6	271.0	255.1	251.5	260.8	280.1	120-130	213.8	5048	85.6,85.6
140	359.5	365.8	361.1	339.8	325.4	322.1	330.3	348.4	130-140	239.7	5287	89.6,89.6
150	417.2	421.6	417.5	400.3	388.2	385.0	391.6	407.2	140-150	234.7	5522	93.6,93.6
160	460.6	463.7	460.2	448.2	440.2	436.7	441.5	453.0	150-160	197.5	5720	97,97
170	486.3	486.9	485.1	479.2	475.5	473.0	475.5	481.8	160-170	131.9	5852	99.2,99.2
180	489.6	489.6	489.6	489.6	489.6	489.6	489.6	489.6	170-180	46.34	5898	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:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.21*0.095	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4874	2819
80	7227	5193
75	8093	6463
70	8629	7385
65	9054	8103
60	9456	8691
55	9839	9214
50	10171	9634
45	10518	10028

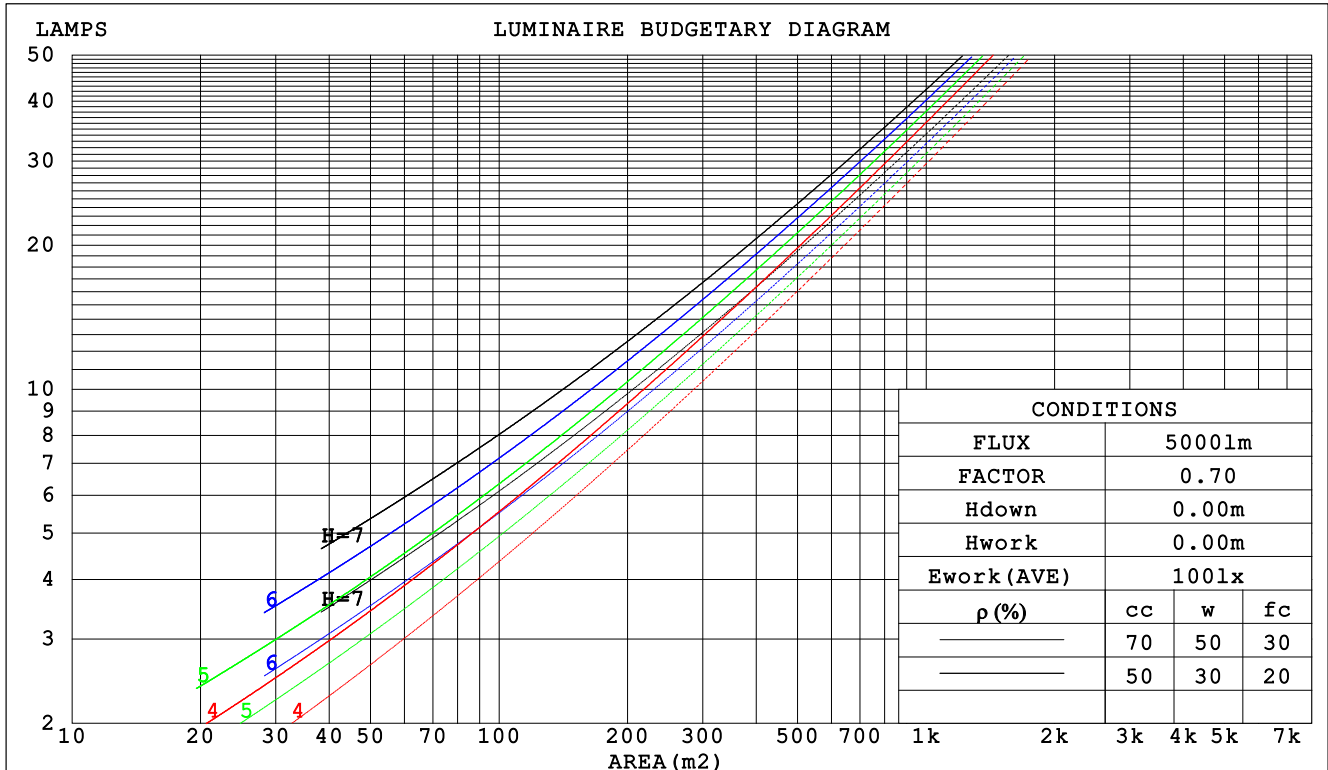
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:3500K	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	1.14	1.14	1.14	1.08	1.08	1.08	.98	.98	.98	.89	.89	.89	.81	.81	.81	.77
1.0	.99	.95	.92	.95	.91	.88	.87	.84	.81	.79	.77	.75	.72	.70	.69	.65
2.0	.87	.80	.75	.83	.77	.72	.76	.71	.67	.69	.66	.62	.63	.60	.58	.54
3.0	.76	.69	.62	.73	.66	.60	.67	.61	.57	.61	.57	.53	.56	.52	.49	.46
4.0	.68	.59	.53	.65	.57	.51	.60	.53	.48	.55	.49	.45	.50	.46	.42	.39
5.0	.60	.52	.46	.58	.50	.44	.53	.47	.42	.49	.44	.39	.45	.40	.37	.34
6.0	.54	.46	.40	.52	.44	.39	.48	.42	.37	.44	.39	.35	.41	.36	.32	.30
7.0	.49	.41	.35	.47	.40	.34	.44	.37	.32	.40	.35	.31	.37	.33	.29	.27
8.0	.45	.37	.31	.43	.36	.30	.40	.34	.29	.37	.31	.27	.34	.29	.26	.24
9.0	.41	.33	.28	.40	.32	.27	.37	.30	.26	.34	.29	.25	.32	.27	.23	.21
10.0	.38	.30	.25	.37	.29	.25	.34	.28	.24	.32	.26	.22	.29	.25	.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:3500K	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	.291	.165	.052	.277	.158	.050	.251	.144	.046	.227	.131	.042	.205	.119	.038		
2.0	.274	.150	.046	.261	.144	.044	.237	.132	.041	.216	.121	.038	.196	.111	.035		
3.0	.254	.135	.040	.242	.130	.039	.221	.120	.036	.201	.110	.034	.183	.101	.031		
4.0	.235	.122	.036	.225	.117	.035	.205	.109	.032	.187	.100	.030	.170	.093	.028		
5.0	.218	.111	.032	.208	.107	.031	.191	.099	.029	.174	.092	.027	.159	.085	.025		
6.0	.202	.101	.029	.194	.098	.028	.178	.091	.026	.162	.084	.025	.148	.078	.023		
7.0	.189	.093	.026	.181	.090	.026	.166	.084	.024	.152	.078	.023	.139	.072	.021		
8.0	.176	.086	.024	.169	.083	.024	.156	.078	.022	.143	.072	.021	.130	.067	.020		
9.0	.166	.080	.022	.159	.077	.022	.146	.072	.020	.134	.067	.019	.123	.062	.018		
10.0	.156	.075	.021	.150	.072	.020	.138	.068	.019	.127	.063	.018	.116	.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	.364	.364	.364	.311	.311	.311	.213	.213	.213	.122	.122	.122	.039	.039	.039	
1.0	.354	.332	.311	.303	.285	.268	.207	.196	.185	.119	.113	.108	.038	.036	.035	
2.0	.346	.309	.277	.297	.266	.239	.203	.184	.167	.117	.107	.098	.038	.035	.032	
3.0	.339	.292	.254	.291	.252	.220	.199	.175	.155	.115	.102	.091	.037	.033	.030	
4.0	.332	.279	.239	.285	.241	.207	.196	.168	.146	.113	.098	.086	.036	.032	.028	
5.0	.325	.269	.228	.279	.233	.198	.192	.163	.140	.111	.095	.083	.036	.031	.027	
6.0	.318	.261	.220	.273	.226	.192	.189	.158	.136	.109	.093	.081	.035	.030	.027	
7.0	.312	.254	.215	.268	.221	.187	.185	.155	.132	.108	.091	.079	.035	.030	.026	
8.0	.305	.249	.210	.263	.216	.183	.182	.152	.130	.106	.089	.077	.034	.029	.026	
9.0	.300	.244	.207	.258	.212	.180	.179	.149	.128	.104	.088	.076	.034	.029	.025	
10.0	.294	.240	.204	.254	.209	.178	.176	.147	.127	.103	.087	.076	.033	.029	.025	

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:3500K					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					19.4	20.6	20.0	21.2	21.8	19.1	20.3	19.7	20.9	21.5
3H					20.8	21.9	21.4	22.5	23.2	20.4	21.5	21.0	22.0	22.7
4H					21.4	22.4	22.0	23.0	23.7	20.8	21.8	21.4	22.4	23.1
6H					21.8	22.8	22.4	23.4	24.1	21.1	22.0	21.7	22.6	23.4
8H					21.9	22.8	22.6	23.5	24.2	21.1	22.0	21.7	22.7	23.4
12H					21.9	22.8	22.6	23.5	24.2	21.1	22.0	21.7	22.6	23.4
4H 2H					19.9	20.9	20.5	21.5	22.2	19.6	20.7	20.2	21.3	22.0
3H					21.5	22.3	22.1	23.0	23.7	21.1	21.9	21.7	22.6	23.3
4H					22.2	23.0	22.8	23.6	24.4	21.6	22.4	22.3	23.1	23.9
6H					22.7	23.4	23.4	24.1	24.9	22.0	22.7	22.7	23.4	24.2
8H					22.8	23.5	23.5	24.2	25.0	22.1	22.7	22.8	23.4	24.2
12H					22.9	23.5	23.6	24.2	25.0	22.1	22.6	22.8	23.4	24.2
8H 4H					22.3	23.0	23.0	23.7	24.5	21.8	22.5	22.5	23.2	24.0
6H					22.9	23.5	23.7	24.2	25.1	22.3	22.8	23.1	23.6	24.5
8H					23.2	23.6	23.9	24.4	25.3	22.4	22.9	23.2	23.7	24.6
12H					23.3	23.7	24.0	24.4	25.4	22.5	22.9	23.3	23.7	24.6
12H 4H					22.3	22.9	23.0	23.6	24.4	21.8	22.4	22.5	23.1	24.0
6H					23.0	23.4	23.7	24.2	25.1	22.3	22.8	23.1	23.6	24.5
8H					23.2	23.6	24.0	24.4	25.3	22.5	22.9	23.3	23.7	24.6
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 / - 0.3				
2.0H					+ 0.2 / - 0.2					+ 0.2 / - 0.4				

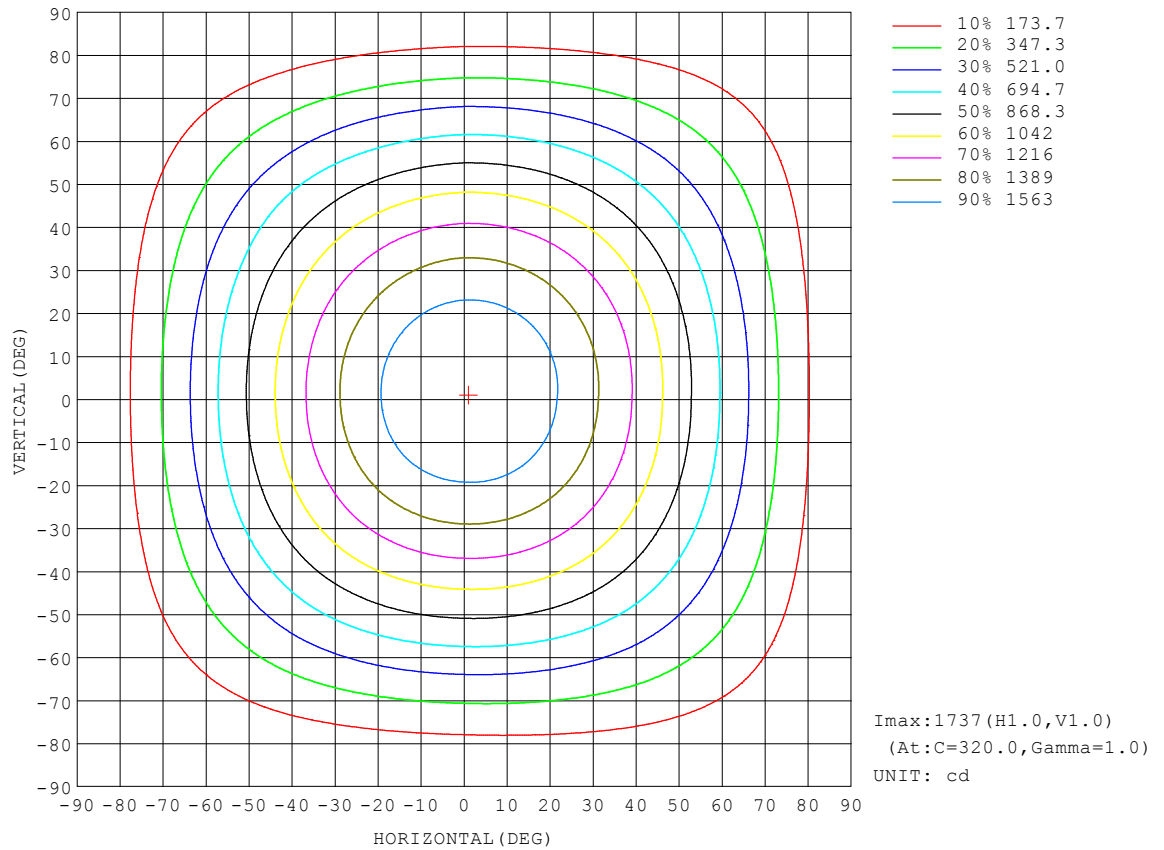
CIE Pub.117 Corrected 5898 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.2)

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

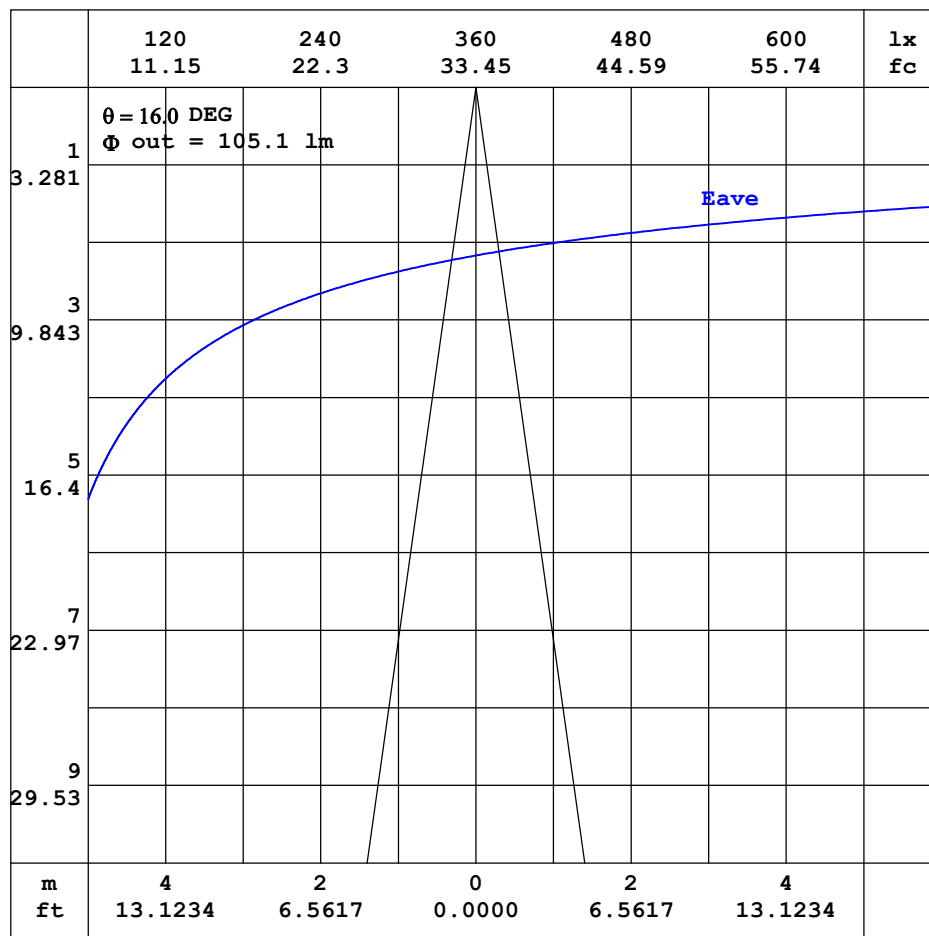
NAME: 八代上下发光	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.21*0.095	Shielding Angle:



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:

NAME: 八代上下发光	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.21*0.095	Shielding Angle:



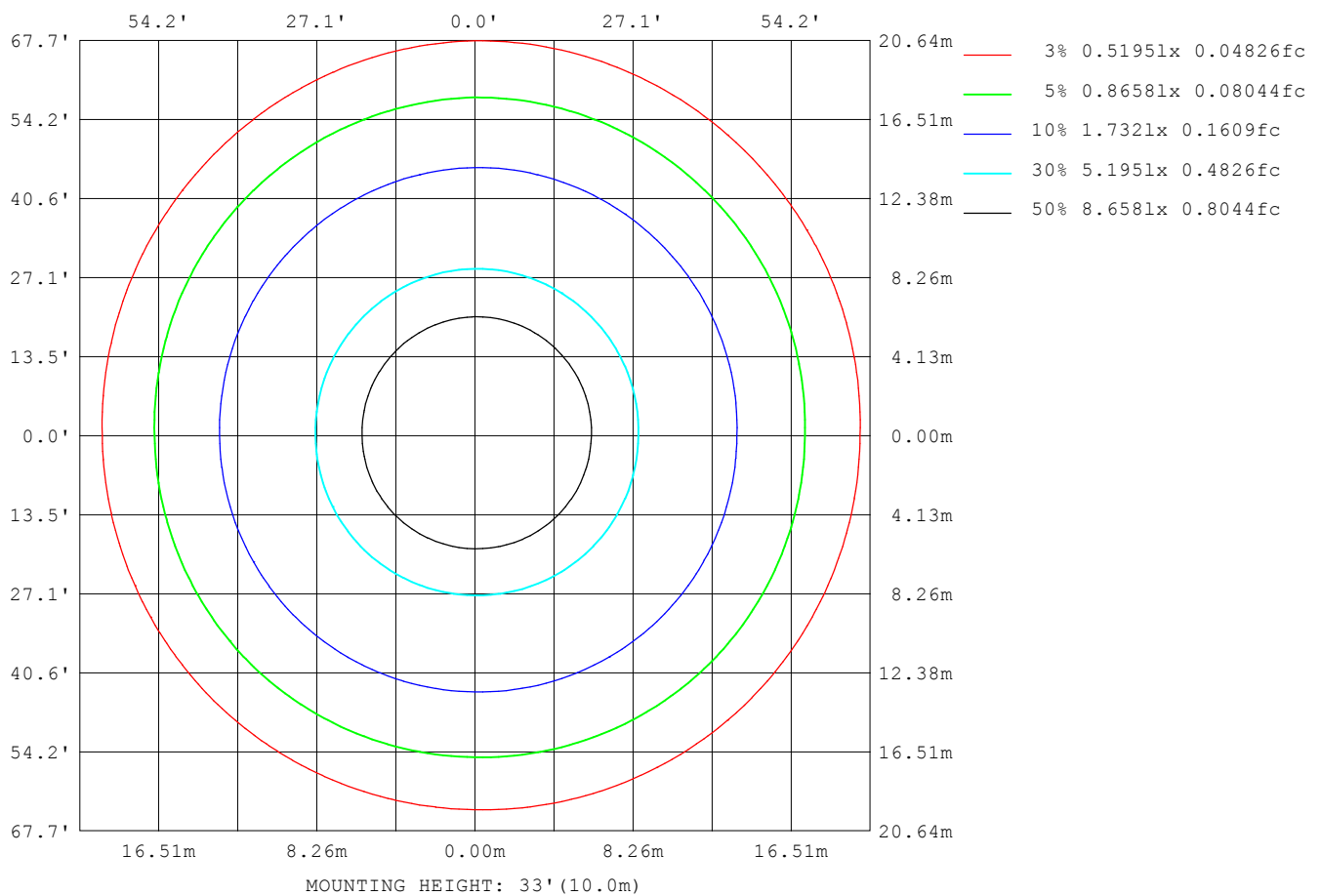
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γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

```

ISOLUX DIAGRAM

NAME: 八代上下发光	TYPE:3500K	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:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.21*0.095	Shielding Angle:

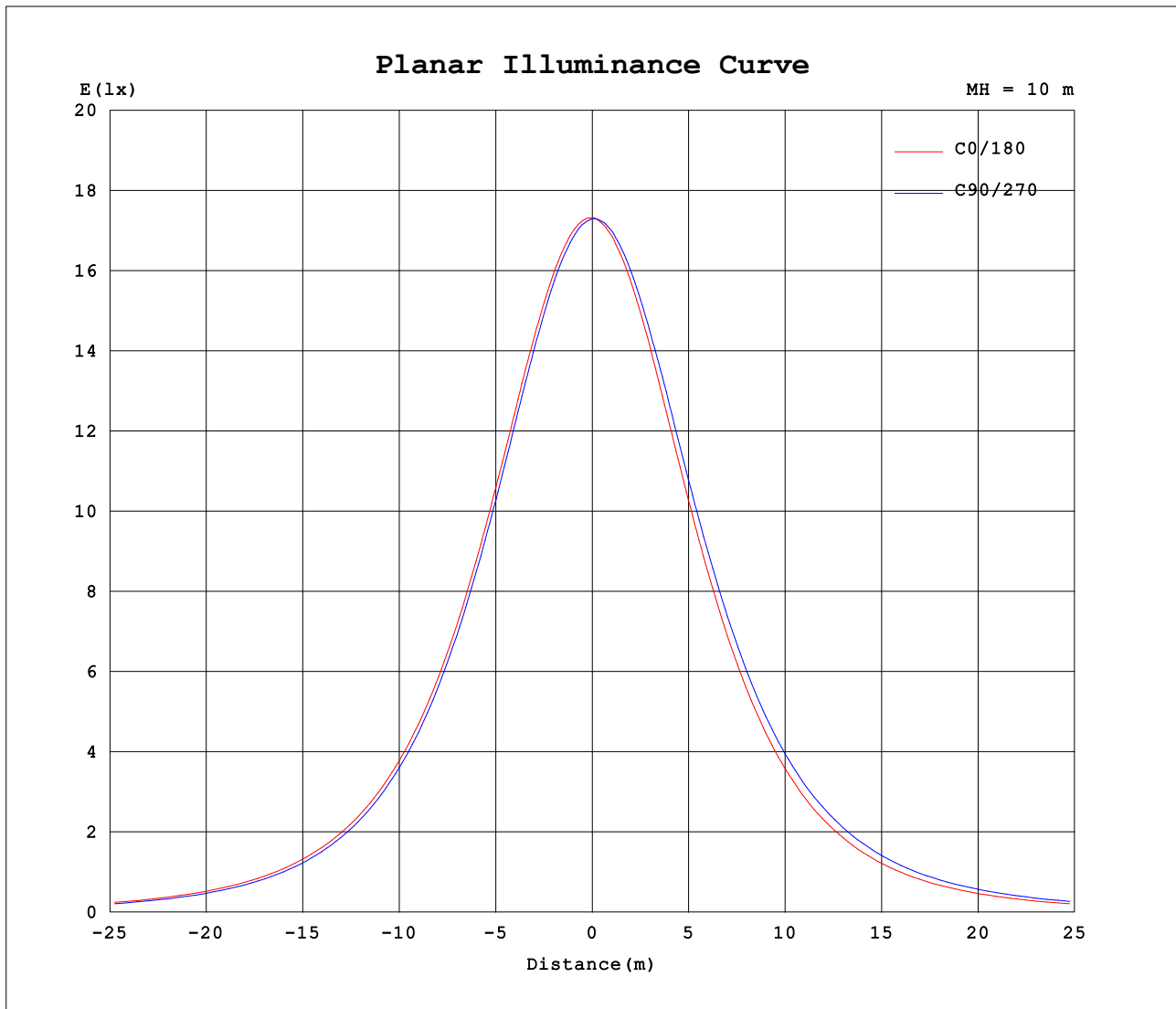
AvgL	cd/m2
L_0~180 (65) av	8519
L_0~180 (75) av	7189
L_0~180 (85) av	3091
L_90~270 (65) av	9000
L_90~270 (75) av	7801
L_90~270 (85) av	5708
L_45 (65) av	8790
L_45 (75) av	7519
L_45 (85) av	4314

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:3500K	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	1732	1731	1731	1731	1731	1731	1731	1730	1730	1730	1730	1730	1730	1730	1729	1729	1729	1730	1730
5	1727	1726	1725	1724	1723	1722	1721	1720	1720	1719	1718	1717	1716	1715	1714	1714	1713	1712	1712
10	1699	1698	1697	1696	1694	1693	1692	1691	1690	1688	1687	1685	1684	1683	1681	1680	1679	1678	1677
15	1655	1653	1651	1649	1647	1646	1644	1642	1640	1638	1636	1634	1632	1630	1628	1627	1625	1624	1622
20	1589	1588	1586	1584	1582	1580	1578	1576	1574	1572	1569	1567	1564	1562	1559	1557	1555	1553	1551
25	1507	1505	1503	1501	1499	1497	1495	1493	1491	1489	1486	1483	1481	1478	1475	1473	1470	1468	1466
30	1414	1412	1410	1408	1406	1404	1401	1399	1397	1394	1391	1388	1385	1382	1379	1376	1373	1370	1368
35	1308	1306	1304	1302	1300	1297	1295	1293	1290	1288	1285	1281	1278	1275	1272	1269	1266	1263	1261
40	1193	1191	1189	1187	1185	1183	1181	1178	1176	1173	1169	1166	1163	1159	1156	1152	1149	1146	1144
45	1071	1069	1068	1066	1064	1062	1059	1057	1054	1052	1048	1045	1041	1037	1034	1030	1027	1024	1021
50	941	941	940	938	937	935	933	931	928	926	922	918	914	910	906	902	899	895	892
55	813	812	810	809	807	805	803	800	798	795	791	788	784	780	776	772	768	764	761
60	681	680	678	677	675	673	670	668	665	662	658	654	650	646	641	637	633	629	626
65	551	549	548	546	544	541	539	536	533	530	526	522	517	513	509	505	501	497	493
70	425	423	421	419	416	414	411	408	405	402	397	393	389	384	380	375	371	367	364
75	302	300	298	296	293	291	288	285	282	279	275	270	266	261	257	253	248	245	241
80	181	179	177	175	173	171	168	166	163	160	157	154	150	147	143	140	136	133	130
85	61.2	59.8	58.5	57.1	55.7	54.4	53.0	51.6	50.1	48.7	47.4	46.0	44.7	43.2	41.8	40.3	38.7	37.1	35.4
90	1.64	2.72	3.68	4.54	5.28	5.90	6.41	6.81	7.10	7.27	7.11	6.86	6.52	6.12	5.67	5.19	4.70	4.20	3.73
95	34.8	36.7	38.4	39.9	41.2	42.2	43.0	43.6	43.9	44.0	43.8	43.3	42.6	41.7	40.7	39.4	38.0	36.5	34.8
100	71.3	72.7	73.9	74.9	75.8	76.5	77.0	77.3	77.4	77.4	77.2	76.7	76.2	75.4	74.5	73.4	72.2	70.8	69.3
105	105	107	108	110	111	112	113	113	114	114	114	113	113	112	111	110	109	107	106
110	142	144	145	147	148	149	150	151	151	151	151	151	150	150	149	148	147	145	144
115	181	182	184	185	186	187	188	189	189	189	189	189	189	188	188	187	185	184	183
120	219	221	222	223	224	225	226	226	227	227	227	227	227	226	226	225	224	223	221
125	256	258	259	260	261	262	263	263	264	264	264	264	264	264	263	262	261	260	259
130	292	294	295	296	297	298	299	299	299	300	300	300	300	299	299	298	297	296	295
135	327	329	330	331	332	332	333	333	334	334	334	334	334	333	333	332	331	330	329
140	359	361	362	363	364	364	365	365	366	366	366	366	366	365	365	364	363	362	361
145	390	391	392	393	393	394	395	395	395	395	395	395	395	395	394	394	393	392	391
150	417	418	419	420	420	421	421	421	422	422	422	422	421	421	421	420	419	419	418
155	441	442	443	443	444	444	444	445	445	445	445	445	445	444	444	443	443	442	441
160	461	461	462	462	463	463	463	464	464	464	464	464	463	463	463	462	462	461	460
165	476	477	477	477	478	478	478	478	478	478	478	478	478	477	477	476	476	475	475
170	486	486	487	487	487	487	487	487	487	487	487	487	487	486	486	486	486	485	485
175	492	492	492	492	492	492	492	492	492	491	491	491	491	491	491	491	491	491	490
180	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490

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:3500K	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	1730	1731	1732	1733	1733	1734	1735	1735	1736	1736	1735	1735	1734	1734	1733	1733	1732	1732	1731
5	1712	1713	1713	1714	1714	1715	1715	1716	1717	1717	1717	1717	1717	1717	1717	1717	1717	1717	1717
10	1677	1677	1677	1677	1677	1677	1678	1678	1678	1679	1679	1679	1679	1679	1680	1680	1680	1681	1682
15	1622	1622	1621	1621	1621	1622	1622	1622	1623	1623	1623	1624	1624	1624	1625	1625	1626	1627	1628
20	1550	1549	1549	1548	1548	1548	1548	1548	1548	1548	1548	1548	1548	1548	1548	1549	1550	1551	1553
25	1464	1463	1463	1462	1462	1461	1461	1461	1461	1461	1461	1461	1461	1461	1462	1463	1464	1465	1468
30	1366	1365	1364	1363	1363	1363	1362	1362	1362	1362	1361	1361	1361	1361	1362	1363	1364	1366	1369
35	1259	1258	1256	1255	1255	1254	1253	1253	1253	1252	1252	1251	1251	1252	1252	1253	1255	1257	1260
40	1142	1140	1139	1138	1137	1136	1136	1135	1135	1134	1134	1134	1134	1134	1134	1135	1137	1139	1142
45	1019	1018	1016	1015	1014	1013	1013	1012	1012	1011	1011	1010	1010	1010	1010	1011	1013	1014	1018
50	890	888	887	886	885	884	884	884	884	882	881	881	880	880	880	881	882	884	889
55	759	757	755	754	753	752	751	750	750	749	748	747	747	747	747	748	750	752	756
60	624	622	620	619	618	617	616	616	616	614	613	613	612	612	613	614	615	617	622
65	491	489	487	486	485	484	483	483	482	481	481	480	480	480	481	482	484	486	490
70	361	359	358	356	355	354	353	353	352	352	351	351	351	351	352	353	355	357	361
75	239	237	235	234	232	231	230	230	229	229	228	228	228	228	229	230	232	234	238
80	127	125	123	121	119	117	116	115	114	113	112	112	112	112	113	114	116	118	122
85	33.0	30.5	28.1	25.7	23.4	21.1	19.0	17.1	15.4	14.1	13.1	12.5	12.1	12.1	12.5	13.4	14.7	16.4	19.7
90	3.59	3.47	3.38	3.31	3.25	3.19	3.14	3.07	3.00	2.72	2.43	2.14	1.86	1.60	1.36	1.16	0.99	0.88	0.88
95	32.9	30.8	28.7	26.5	24.2	22.0	19.7	17.5	15.3	13.2	11.3	9.39	7.61	5.96	4.45	3.08	1.88	0.85	0.53
100	67.5	65.5	63.4	61.3	59.1	56.8	54.5	52.2	50.0	47.7	45.5	43.4	41.4	39.5	37.7	36.1	34.7	33.4	32.9
105	104	101	99.2	96.8	94.4	92.0	89.5	87.1	84.6	82.5	80.4	78.4	76.5	74.7	73.1	71.6	70.2	69.1	68.3
110	142	139	137	134	132	129	126	124	121	119	117	115	113	111	109	108	106	105	104
115	180	178	175	173	170	167	165	162	159	157	155	152	150	149	147	145	144	142	141
120	219	216	214	211	208	205	202	200	197	194	192	190	188	186	185	183	182	180	179
125	256	254	251	249	246	243	240	237	234	232	230	228	226	224	222	221	220	218	217
130	292	290	288	285	282	279	277	274	271	269	267	265	263	261	259	258	256	255	254
135	327	324	322	319	317	314	311	309	306	304	302	300	298	297	295	293	292	291	290
140	359	357	355	352	350	347	345	342	340	338	336	334	332	331	329	328	327	325	324
145	389	387	385	383	381	378	376	374	372	370	368	366	365	363	362	360	359	358	357
150	416	414	412	410	408	406	404	402	400	399	397	396	394	393	391	390	389	388	387
155	439	438	436	435	433	431	429	428	426	425	423	422	421	420	419	418	417	416	415
160	459	458	457	455	454	452	451	450	448	447	446	445	444	443	442	442	441	440	439
165	474	473	472	471	470	469	468	467	466	465	464	464	463	462	462	461	461	460	460
170	485	484	483	483	482	481	481	480	479	479	478	478	477	477	477	476	476	476	475
175	490	490	489	489	489	488	488	488	487	487	487	487	487	487	486	486	486	486	486
180	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490

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:3500K	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	1731	1731	1731	1731	1730	1730	1730	1730	1730	1730	1730	1730	1729	1729	1729	1730	1730	1730	1731
5	1717	1717	1718	1718	1719	1719	1720	1720	1721	1722	1722	1723	1724	1725	1725	1726	1727	1728	1729
10	1683	1684	1685	1686	1687	1688	1690	1691	1693	1695	1696	1698	1700	1701	1703	1704	1706	1707	1708
15	1630	1631	1633	1635	1637	1639	1641	1643	1646	1649	1651	1654	1657	1659	1662	1664	1666	1667	1668
20	1556	1558	1561	1565	1568	1571	1575	1579	1582	1586	1590	1594	1597	1600	1603	1606	1609	1610	1611
25	1471	1474	1478	1481	1485	1489	1493	1497	1502	1506	1511	1515	1519	1523	1526	1529	1532	1534	1535
30	1372	1376	1380	1385	1389	1394	1399	1404	1409	1414	1419	1424	1429	1433	1437	1441	1444	1446	1447
35	1264	1268	1273	1278	1283	1288	1293	1299	1305	1311	1317	1322	1328	1333	1338	1342	1345	1347	1348
40	1146	1151	1156	1161	1166	1172	1178	1184	1190	1197	1204	1210	1216	1222	1227	1232	1236	1238	1239
45	1023	1028	1033	1039	1045	1051	1057	1064	1071	1078	1085	1091	1098	1104	1109	1114	1118	1120	1121
50	893	899	905	911	917	924	931	938	946	953	960	968	974	981	986	991	996	997	998
55	761	767	773	780	786	793	801	808	816	823	831	838	845	852	858	863	867	869	869
60	628	634	641	648	655	663	670	678	686	693	701	708	714	720	726	731	735	736	736
65	495	500	506	512	519	525	532	540	548	556	564	571	579	586	592	598	602	603	604
70	365	370	376	381	387	394	400	407	415	423	431	439	446	453	459	465	470	471	471
75	242	247	252	257	263	269	275	282	289	297	304	311	318	325	331	336	341	342	343
80	126	130	135	140	146	152	158	164	171	178	186	193	199	205	211	216	220	222	222
85	23.3	27.4	31.9	36.7	41.7	47.0	52.5	58.2	64.6	71.2	77.6	83.8	89.7	95.1	100	104	108	109	109
90	0.94	1.07	1.28	1.57	1.94	2.40	2.95	3.60	4.98	6.42	7.88	9.32	10.7	12.0	13.1	14.0	14.8	14.1	13.3
95	0.61	0.70	0.79	0.88	0.96	1.03	1.39	2.08	2.79	3.59	4.50	5.50	6.59	7.76	9.03	10.4	11.8	13.5	15.3
100	32.5	32.3	32.3	32.4	32.8	33.2	33.8	34.5	35.1	35.9	36.7	37.6	38.7	39.8	41.0	42.3	43.6	45.2	46.9
105	67.7	67.2	66.9	66.8	66.8	67.0	67.3	67.7	68.3	69.0	69.8	70.7	71.7	72.8	74.0	75.3	76.6	78.1	79.6
110	103	103	102	102	102	102	103	103	104	104	105	106	107	108	110	111	112	114	115
115	141	140	139	139	139	139	139	139	140	141	142	143	144	145	146	148	150	151	153
120	179	178	177	177	177	177	177	177	178	179	179	180	181	183	184	186	187	189	191
125	216	216	215	215	214	214	214	214	215	216	216	217	218	220	221	223	224	226	228
130	253	253	252	252	251	251	251	252	252	253	253	254	255	256	258	259	261	263	265
135	289	288	288	288	287	287	287	288	288	289	289	290	291	292	293	295	296	298	300
140	324	323	323	322	322	322	322	322	323	323	324	324	325	326	328	329	330	332	334
145	356	356	355	355	355	354	354	355	355	355	356	357	358	359	360	361	362	364	366
150	387	386	386	385	385	385	385	385	385	386	386	387	388	388	389	390	392	393	395
155	415	414	413	413	413	413	413	413	413	413	414	414	415	415	416	417	418	420	421
160	439	438	438	437	437	437	437	437	437	437	437	438	438	439	440	441	441	443	444
165	459	459	458	458	457	457	457	457	457	457	457	458	458	459	459	460	461	461	462
170	475	474	474	474	473	473	473	473	473	473	473	474	474	474	475	475	475	476	477
175	485	485	485	485	485	484	484	484	484	484	484	484	484	485	485	485	485	486	486
180	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490

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:3500K	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	1732	1733	1733	1734	1735	1735	1736	1736	1736	1735	1735	1735	1734	1733	1733				
5	1729	1730	1731	1732	1732	1733	1733	1733	1733	1732	1732	1731	1730	1729	1728				
10	1709	1710	1711	1711	1712	1712	1712	1711	1710	1710	1708	1707	1706	1704	1702				
15	1669	1670	1670	1670	1670	1670	1669	1668	1667	1666	1665	1663	1661	1659	1657				
20	1612	1613	1613	1613	1612	1612	1611	1609	1608	1606	1604	1602	1599	1596	1593				
25	1536	1537	1537	1537	1536	1535	1534	1532	1530	1528	1525	1522	1519	1515	1511				
30	1448	1448	1448	1447	1446	1445	1443	1441	1439	1437	1434	1431	1427	1423	1419				
35	1349	1349	1348	1347	1346	1344	1342	1339	1337	1334	1330	1327	1322	1318	1313				
40	1239	1238	1237	1236	1234	1232	1229	1226	1223	1220	1216	1212	1208	1203	1198				
45	1121	1120	1119	1117	1115	1112	1109	1106	1103	1099	1096	1091	1087	1082	1077				
50	998	997	996	994	991	988	985	982	978	974	970	965	959	954	948				
55	869	868	867	864	862	859	855	852	848	844	840	835	830	825	819				
60	736	735	733	731	728	725	721	718	715	711	707	702	697	692	687				
65	603	602	600	598	595	592	588	585	582	578	574	570	566	561	556				
70	471	469	467	465	462	459	455	453	450	447	444	441	437	433	429				
75	343	342	341	339	337	334	331	329	326	323	320	317	314	310	306				
80	222	221	220	218	216	213	211	208	206	203	200	196	193	189	185				
85	108	107	105	103	101	97.5	94.2	91.5	88.6	85.4	81.9	78.3	74.3	70.2	65.8				
90	12.2	11.0	9.68	8.30	6.91	5.53	4.20	3.52	2.94	2.46	2.08	1.79	1.61	1.52	1.53				
95	17.0	18.9	20.7	22.4	24.2	25.9	27.4	28.7	29.8	30.8	31.7	32.5	33.3	33.9	34.4				
100	48.6	50.3	52.1	53.9	55.6	57.4	59.1	60.6	62.1	63.6	65.0	66.3	67.6	68.9	70.1				
105	81.1	82.7	84.3	86.0	87.6	89.3	91.0	92.6	94.1	95.7	97.2	98.7	100	102	103				
110	117	119	121	122	124	126	128	129	131	133	134	136	137	139	140				
115	155	157	159	161	163	165	167	169	170	172	173	175	176	178	179				
120	193	195	197	199	201	203	205	207	209	210	212	213	215	216	218				
125	230	232	235	237	239	241	243	245	247	248	250	251	252	254	255				
130	267	269	271	274	276	278	280	282	283	285	286	288	289	290	291				
135	302	304	307	309	311	313	315	317	318	320	321	323	324	325	326				
140	336	338	340	342	344	346	348	350	351	353	354	355	357	358	359				
145	368	370	371	373	375	377	379	380	382	383	384	386	387	388	389				
150	396	398	400	402	404	405	407	409	410	411	412	413	414	415	416				
155	423	424	426	427	429	430	432	433	434	435	437	438	439	439	440				
160	445	446	448	449	450	452	453	454	455	456	457	458	459	459	460				
165	463	464	465	466	467	469	470	470	471	472	473	474	474	475	476				
170	477	478	479	480	480	481	482	482	483	484	484	485	485	485	486				
175	486	487	487	487	488	488	489	489	489	490	490	491	491	491	492				
180	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490				

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: