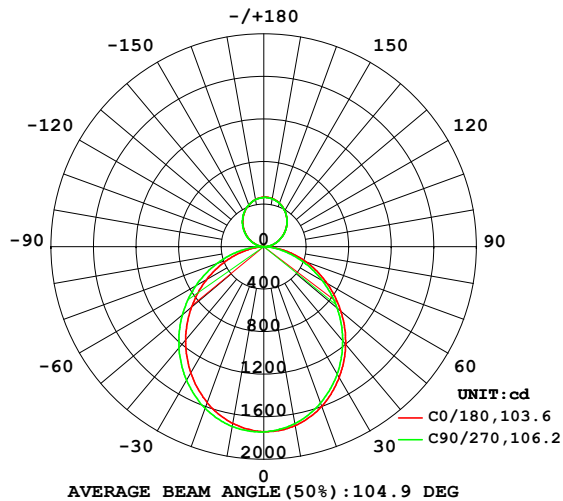


LUMINAIRE PHOTOMETRIC TEST REPORT

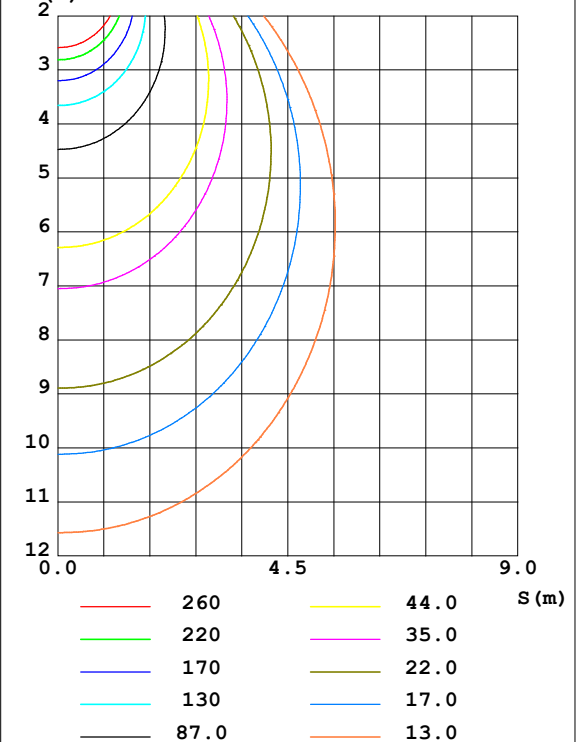
NAME: 八代上下发光	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.21*0.095	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 119.46 lm/W			
MODEL		I _{max} (cd)	1748	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)	5853.5	η UP, DN (C0-180)	11.3, 37.9
NOMINAL FLUX (lm)	5853.52	CIE CLASS	SEMI-D.	η UP, DN (C180-360)	10.5, 40.3
LAMPS INSIDE	1	η up (%)	21.8	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120.0	η down (%)	78.2	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:

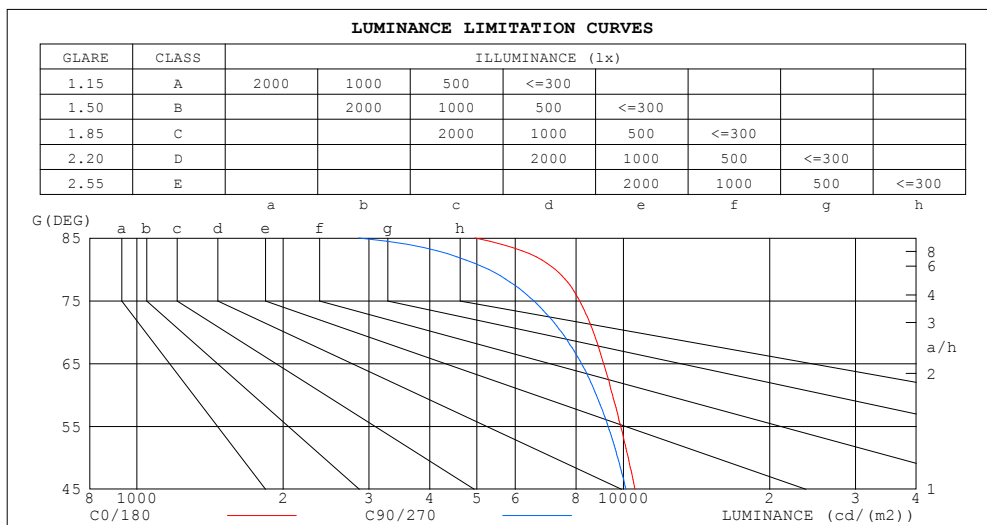
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1708	1697	1689	1691	1688	1700	1716	1721	0- 10	164.3	164.3	2.81,2.81
20	1597	1581	1565	1561	1559	1584	1617	1618	10- 20	465.8	630.0	10.8,10.8
30	1420	1403	1383	1373	1372	1409	1451	1450	20- 30	692.1	1322	22.6,22.6
40	1198	1181	1156	1146	1145	1189	1242	1235	30- 40	814.0	2136	36.5,36.5
50	947.7	931.6	901.3	891.6	888.5	942.2	999.9	988.6	40- 50	820.9	2957	50.5,50.5
60	684.0	666.4	633.8	621.9	621.3	673.8	738.2	724.8	50- 60	719.7	3677	62.8,62.8
70	427.7	404.4	367.7	355.9	358.7	408.6	470.7	458.7	60- 70	532.4	4209	71.9,71.9
80	181.3	161.2	132.2	115.3	118.0	163.9	220.6	212.2	70- 80	298.4	4507	77,77
90	1.568	7.177	3.590	2.966	0.8398	3.570	14.55	4.173	80- 90	70.63	4578	78.2,78.2
100	67.84	73.11	65.25	47.24	32.47	32.70	41.59	55.10	90-100	25.12	4603	78.6,78.6
110	135.6	142.0	134.6	114.4	100.2	97.75	107.0	122.3	100-110	89.61	4693	80.2,80.2
120	207.2	213.3	207.8	185.8	171.9	168.6	177.9	195.9	110-120	153.6	4846	82.8,82.8
130	276.4	281.9	277.6	256.0	243.0	238.9	247.8	266.4	120-130	202.4	5049	86.3,86.3
140	339.9	344.4	340.3	320.9	309.6	305.8	314.3	330.8	130-140	226.9	5276	90.1,90.1
150	394.4	397.2	393.6	378.3	369.2	365.6	372.2	386.3	140-150	222.2	5498	93.9,93.9
160	436.4	436.7	433.8	423.1	417.7	413.9	418.5	429.2	150-160	186.9	5685	97.1,97.1
170	461.1	459.7	457.8	453.0	451.3	447.7	450.4	455.9	160-170	124.8	5810	99.3,99.3
180	464.0	464.0	464.0	464.0	464.0	464.0	464.0	464.0	170-180	43.84	5854	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:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.21*0.095	Shielding Angle:



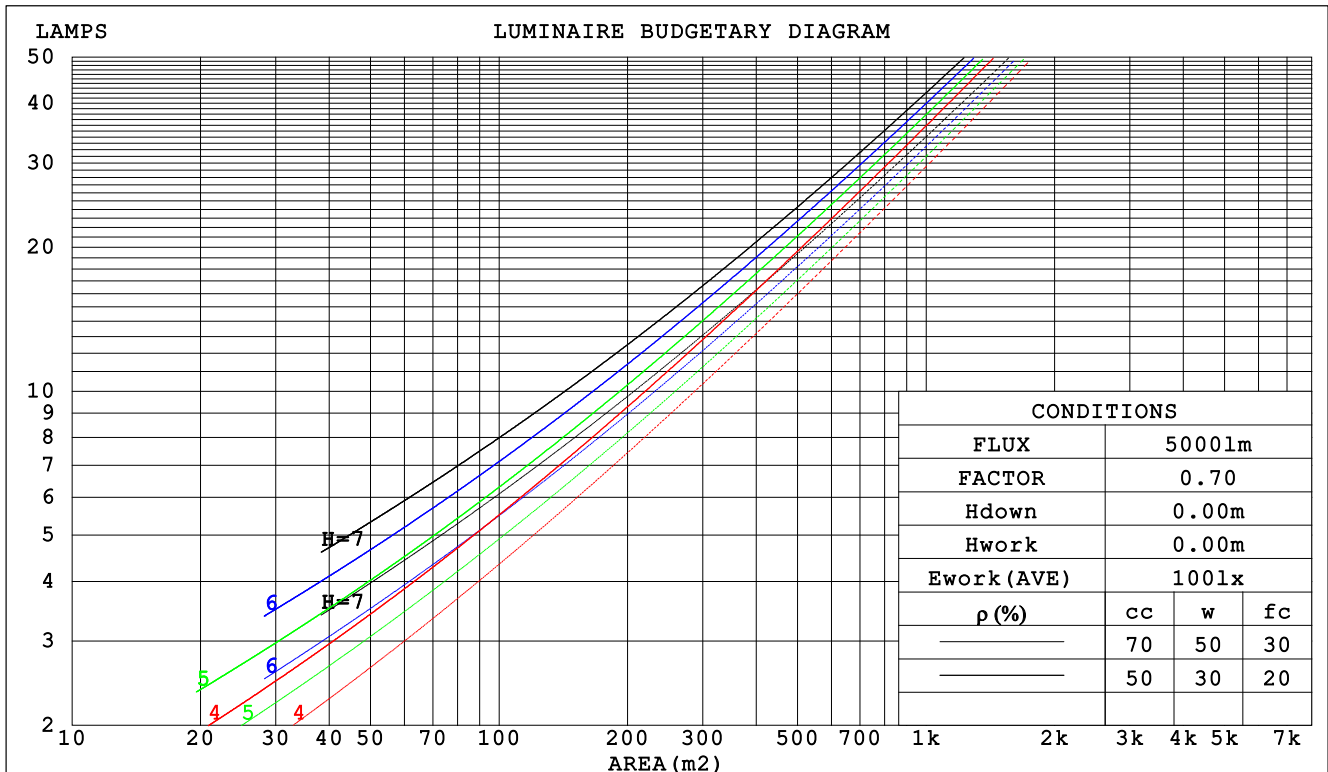
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: 八代上下发光	TYPE:4000K	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	1.09	1.09	1.09	.99	.99	.99	.90	.90	.90	.82	.82	.82	.78
1.0	.00	.96	.92	.95	.92	.88	.87	.84	.82	.80	.77	.75	.73	.71	.69	.66
2.0	.87	.81	.75	.83	.77	.73	.76	.72	.68	.70	.66	.63	.64	.61	.58	.55
3.0	.77	.69	.63	.73	.66	.61	.67	.62	.57	.62	.57	.53	.57	.53	.50	.47
4.0	.68	.59	.53	.65	.57	.52	.60	.54	.49	.55	.50	.46	.51	.46	.43	.40
5.0	.61	.52	.46	.58	.50	.44	.54	.47	.42	.49	.44	.40	.46	.41	.37	.35
6.0	.55	.46	.40	.52	.45	.39	.48	.42	.37	.45	.39	.35	.41	.37	.33	.30
7.0	.49	.41	.35	.48	.40	.34	.44	.37	.33	.41	.35	.31	.38	.33	.29	.27
8.0	.45	.37	.31	.43	.36	.31	.40	.34	.29	.37	.32	.28	.35	.30	.26	.24
9.0	.41	.33	.28	.40	.32	.27	.37	.31	.26	.34	.29	.25	.32	.27	.24	.22
10.0	.38	.30	.25	.37	.30	.25	.34	.28	.24	.32	.26	.23	.30	.25	.22	.20



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:4000K	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	.166	.052	.278	.158	.050	.252	.145	.046	.229	.132	.042	.207	.120	.039		
2.0	.274	.150	.046	.262	.144	.044	.239	.133	.041	.218	.122	.038	.198	.112	.035		
3.0	.254	.135	.041	.243	.130	.039	.222	.120	.037	.203	.111	.034	.185	.103	.032		
4.0	.235	.122	.036	.225	.118	.035	.206	.109	.033	.189	.101	.031	.172	.094	.029		
5.0	.218	.111	.032	.209	.107	.031	.192	.100	.029	.176	.093	.028	.161	.086	.026		
6.0	.203	.102	.029	.194	.098	.028	.179	.092	.027	.164	.085	.025	.150	.079	.023		
7.0	.189	.093	.026	.181	.090	.026	.167	.084	.024	.153	.079	.023	.140	.073	.021		
8.0	.177	.086	.024	.170	.084	.024	.156	.078	.022	.144	.073	.021	.132	.068	.020		
9.0	.166	.080	.022	.159	.078	.022	.147	.073	.021	.135	.068	.019	.124	.063	.018		
10.0	.156	.075	.021	.150	.073	.020	.139	.068	.019	.128	.064	.018	.118	.059	.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	.356	.356	.356	.305	.305	.305	.208	.208	.208	.119	.119	.119	.038	.038	.038	
1.0	.346	.324	.303	.296	.278	.261	.203	.191	.180	.117	.111	.105	.037	.036	.034	
2.0	.338	.300	.269	.290	.259	.232	.199	.179	.162	.115	.104	.095	.037	.034	.031	
3.0	.331	.284	.246	.284	.245	.213	.195	.170	.150	.112	.099	.088	.036	.032	.029	
4.0	.324	.271	.231	.278	.234	.200	.191	.163	.141	.110	.096	.083	.036	.031	.027	
5.0	.317	.261	.220	.272	.226	.191	.187	.158	.135	.108	.093	.080	.035	.030	.026	
6.0	.310	.253	.212	.266	.219	.185	.184	.153	.131	.107	.090	.078	.034	.029	.026	
7.0	.303	.246	.206	.261	.213	.180	.180	.150	.127	.105	.088	.076	.034	.029	.025	
8.0	.297	.241	.202	.256	.209	.176	.177	.147	.125	.103	.086	.074	.033	.028	.025	
9.0	.292	.236	.198	.251	.205	.173	.174	.144	.123	.101	.085	.073	.033	.028	.024	
10.0	.286	.232	.196	.247	.201	.171	.171	.142	.121	.100	.084	.072	.032	.028	.024	

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:4000K					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					19.5	20.7	20.0	21.2	21.9	19.2	20.4	19.8	21.0	21.6
3H					20.9	22.0	21.5	22.6	23.2	20.5	21.6	21.1	22.2	22.8
4H					21.5	22.5	22.1	23.1	23.8	20.9	22.0	21.5	22.6	23.2
6H					21.9	22.9	22.5	23.5	24.2	21.2	22.2	21.8	22.8	23.5
8H					22.0	22.9	22.6	23.6	24.3	21.2	22.2	21.9	22.8	23.5
12H					22.0	22.9	22.7	23.6	24.3	21.2	22.1	21.9	22.7	23.5
4H 2H					20.0	21.0	20.6	21.6	22.3	19.7	20.8	20.3	21.4	22.0
3H					21.6	22.4	22.2	23.1	23.8	21.2	22.1	21.8	22.7	23.4
4H					22.3	23.1	22.9	23.7	24.5	21.7	22.5	22.4	23.2	24.0
6H					22.8	23.5	23.5	24.2	24.9	22.1	22.8	22.8	23.5	24.3
8H					22.9	23.6	23.6	24.3	25.1	22.2	22.8	22.9	23.5	24.3
12H					23.0	23.6	23.7	24.3	25.1	22.2	22.8	22.9	23.5	24.3
8H 4H					22.4	23.1	23.1	23.8	24.6	21.9	22.6	22.7	23.3	24.1
6H					23.0	23.6	23.8	24.3	25.2	22.4	23.0	23.2	23.7	24.6
8H					23.3	23.7	24.0	24.5	25.4	22.6	23.0	23.3	23.8	24.7
12H					23.4	23.8	24.1	24.5	25.4	22.6	23.0	23.4	23.8	24.7
12H 4H					22.4	23.0	23.1	23.7	24.5	21.9	22.5	22.7	23.2	24.1
6H					23.1	23.5	23.8	24.3	25.1	22.5	22.9	23.2	23.7	24.6
8H					23.3	23.7	24.1	24.5	25.4	22.6	23.0	23.4	23.8	24.7
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 / - 0.3				

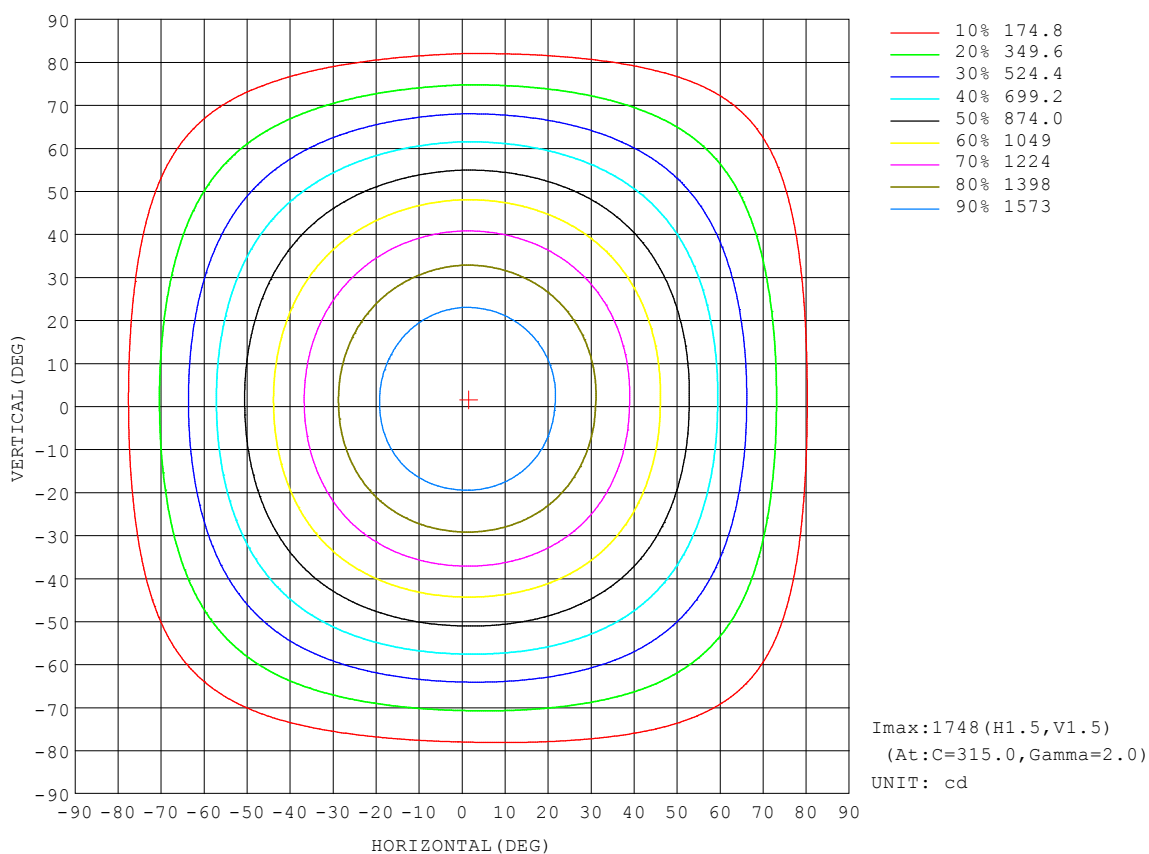
CIE Pub.117 Corrected 5854 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.1)

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:

ISOCANDELA DIAGRAM

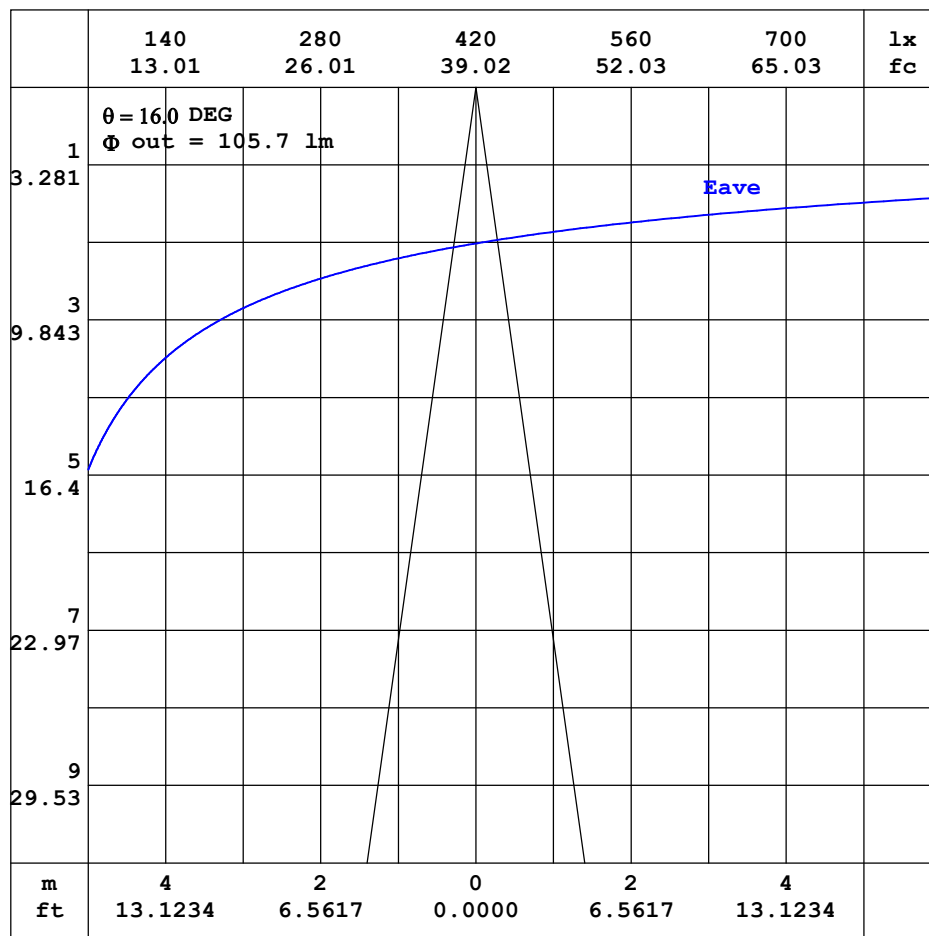
NAME: 八代上下发光	TYPE:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.21*0.095	Shielding Angle:



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:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.21*0.095	Shielding Angle:



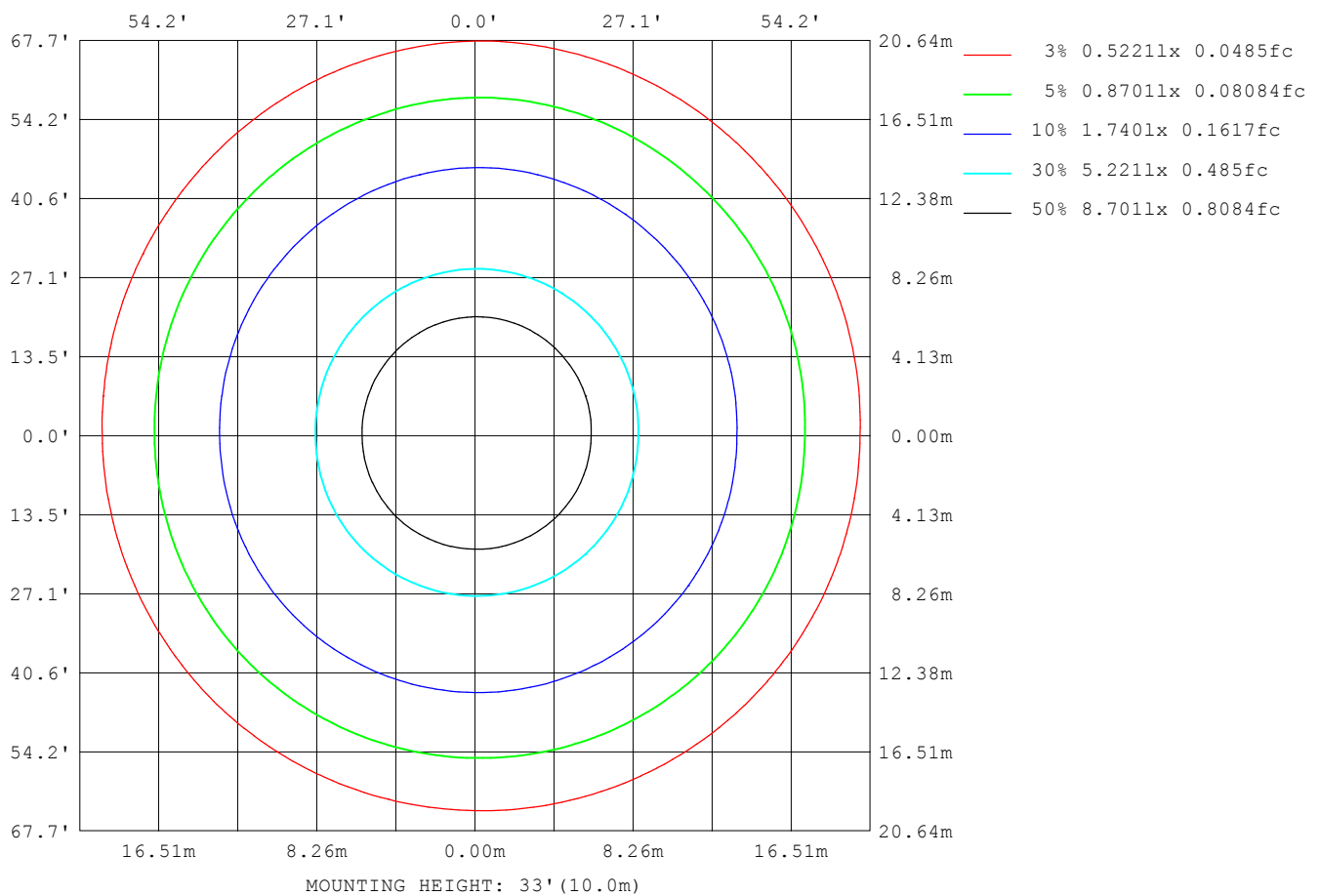
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γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

```

ISOLUX DIAGRAM

NAME: 八代上下发光	TYPE:4000K	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:4000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:1.21*0.095	Shielding Angle:

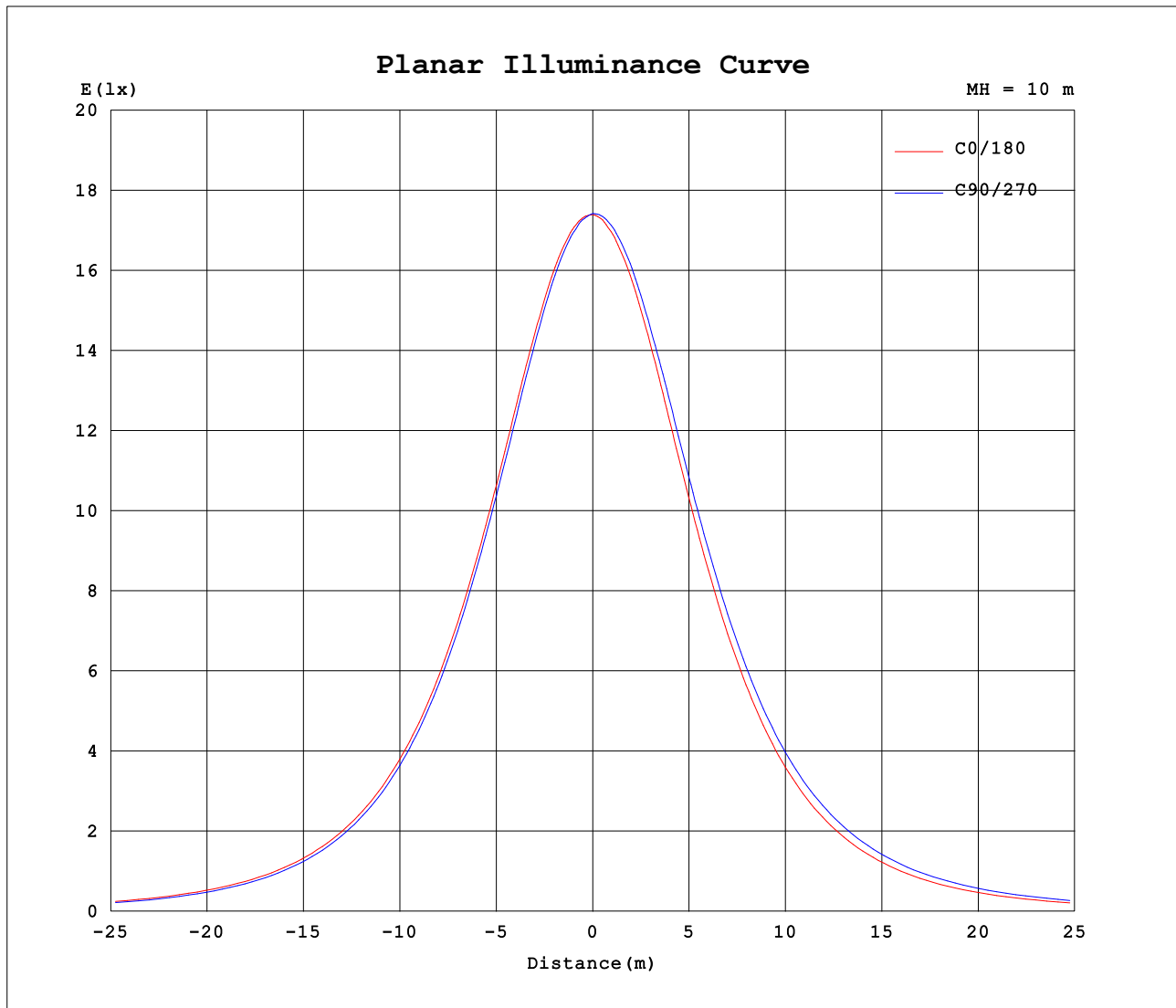
AvgL	cd/m2
L_0~180 (65) av	8562
L_0~180 (75) av	7219
L_0~180 (85) av	3117
L_90~270 (65) av	9063
L_90~270 (75) av	7866
L_90~270 (85) av	5726
L_45 (65) av	8844
L_45 (75) av	7566
L_45 (85) av	4342

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:4000K	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	1740	1740	1739	1739	1739	1738	1738	1738	1738	1738	1739	1739	1739	1740	1740	1741	1741	1742	1742
5	1734	1733	1732	1731	1731	1730	1729	1729	1728	1728	1727	1726	1726	1725	1725	1724	1724	1723	1723
10	1708	1707	1705	1704	1703	1701	1700	1699	1698	1697	1696	1695	1694	1693	1692	1691	1690	1690	1689
15	1661	1660	1658	1657	1655	1654	1652	1651	1649	1648	1646	1645	1643	1641	1640	1639	1637	1636	1635
20	1597	1595	1594	1592	1590	1588	1587	1585	1583	1581	1579	1577	1575	1573	1572	1570	1568	1566	1565
25	1515	1513	1511	1509	1508	1506	1504	1502	1500	1498	1496	1494	1491	1489	1487	1485	1483	1481	1479
30	1420	1418	1416	1414	1413	1411	1409	1407	1405	1403	1400	1398	1396	1393	1391	1389	1387	1385	1383
35	1314	1312	1310	1309	1307	1305	1303	1301	1299	1296	1294	1291	1289	1286	1283	1281	1278	1276	1274
40	1198	1197	1195	1193	1192	1190	1188	1186	1183	1181	1178	1175	1173	1170	1167	1164	1161	1159	1156
45	1076	1075	1073	1072	1070	1068	1066	1064	1062	1059	1056	1053	1050	1046	1043	1040	1037	1034	1031
50	948	947	945	944	942	940	939	936	934	932	928	925	921	918	914	911	908	904	901
55	816	815	814	813	811	809	807	805	803	800	797	794	790	786	783	779	775	772	769
60	684	683	681	680	678	676	674	672	669	666	663	659	655	652	648	644	640	637	634
65	554	553	551	549	547	545	542	540	537	534	530	526	522	518	514	510	506	503	499
70	428	426	424	421	419	416	414	411	408	404	400	396	392	387	383	379	375	371	368
75	303	301	299	297	295	293	290	287	284	281	277	273	268	264	260	256	252	248	244
80	181	180	178	176	173	171	169	166	164	161	158	155	151	148	145	142	138	135	132
85	62.2	60.7	59.2	57.8	56.3	54.8	53.3	51.9	50.4	48.9	47.6	46.3	44.9	43.5	42.1	40.7	39.1	37.5	35.9
90	1.57	2.65	3.61	4.46	5.20	5.82	6.33	6.73	7.01	7.18	7.01	6.75	6.40	6.00	5.54	5.06	4.56	4.06	3.59
95	33.2	35.0	36.5	37.9	39.0	39.9	40.6	41.1	41.4	41.4	41.2	40.7	40.0	39.2	38.2	37.0	35.7	34.3	32.7
100	67.8	69.1	70.1	71.1	71.8	72.4	72.8	73.1	73.2	73.1	72.8	72.4	71.8	71.1	70.2	69.1	68.0	66.7	65.3
105	100.0	101	103	104	105	106	106	107	107	107	107	106	106	105	104	103	102	101	99.3
110	136	137	138	139	140	141	141	142	142	142	142	142	141	140	140	139	137	136	135
115	172	173	174	175	176	177	177	178	178	178	178	178	177	177	176	175	174	173	172
120	207	208	210	211	211	212	213	213	213	213	213	213	213	213	212	211	210	209	208
125	242	243	244	245	246	247	247	248	248	248	248	248	248	248	247	247	246	245	244
130	276	278	279	279	280	281	281	282	282	282	282	282	282	282	281	281	280	279	278
135	309	310	311	312	312	313	313	314	314	314	314	314	314	314	313	313	312	311	310
140	340	341	342	342	343	343	344	344	344	344	344	344	344	344	344	343	342	341	340
145	369	369	370	371	371	372	372	372	372	372	372	372	372	372	372	371	370	370	369
150	394	395	396	396	396	397	397	397	397	397	397	397	397	397	396	396	395	395	394
155	417	417	418	418	418	419	419	419	419	419	419	419	418	418	418	417	417	416	416
160	436	437	437	437	437	437	437	437	437	437	437	437	436	436	436	435	435	434	434
165	451	451	451	451	451	451	451	451	451	450	450	450	450	450	449	449	449	448	448
170	461	461	461	461	461	460	460	460	460	460	460	459	459	459	459	459	458	458	458
175	466	466	465	465	465	465	464	464	464	464	464	464	464	464	463	463	463	463	463
180	464	464	464	464	464	464	464	464	464	464	464	464	464	464	464	464	464	464	464

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:4000K	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	1743	1743	1744	1744	1744	1744	1745	1745	1745	1744	1744	1744	1743	1742	1742	1741	1741	1740	1740
5	1724	1724	1725	1725	1726	1727	1727	1728	1728	1727	1727	1726	1726	1725	1724	1723	1723	1723	1723
10	1689	1689	1689	1690	1690	1690	1690	1690	1691	1690	1690	1689	1689	1689	1688	1688	1688	1688	1689
15	1635	1635	1635	1635	1635	1635	1635	1635	1635	1635	1634	1634	1633	1633	1633	1633	1633	1633	1634
20	1564	1563	1563	1562	1562	1562	1561	1561	1561	1560	1560	1559	1559	1558	1558	1558	1559	1559	1561
25	1478	1477	1476	1475	1474	1474	1473	1473	1472	1471	1471	1470	1469	1469	1469	1470	1470	1471	1474
30	1381	1380	1378	1377	1376	1375	1374	1374	1373	1372	1371	1370	1370	1369	1369	1370	1371	1372	1375
35	1272	1270	1269	1268	1267	1265	1265	1264	1263	1262	1261	1260	1259	1259	1259	1260	1261	1262	1265
40	1154	1153	1151	1150	1149	1148	1147	1146	1146	1144	1143	1142	1142	1142	1142	1142	1143	1145	1148
45	1029	1028	1026	1025	1024	1023	1022	1022	1021	1020	1018	1017	1016	1016	1016	1016	1017	1018	1022
50	900	898	896	895	894	893	893	892	892	890	889	887	886	886	886	886	887	888	893
55	767	765	763	761	760	759	758	757	757	755	754	753	752	752	752	753	754	756	761
60	632	630	628	626	625	624	623	622	622	620	619	618	618	617	618	618	620	621	625
65	497	495	493	491	490	489	488	487	487	485	484	484	483	483	483	484	486	488	492
70	365	363	362	360	359	358	357	356	356	355	354	354	353	354	354	355	357	359	363
75	242	240	238	236	235	234	233	232	231	230	230	229	229	230	230	231	233	235	239
80	130	127	125	123	121	119	118	116	115	114	113	113	113	113	113	114	116	118	122
85	33.5	31.1	28.6	26.2	23.8	21.6	19.5	17.5	15.8	14.4	13.3	12.6	12.1	12.1	12.4	13.1	14.4	16.1	19.3
90	3.46	3.35	3.27	3.21	3.16	3.12	3.08	3.03	2.97	2.69	2.40	2.11	1.83	1.56	1.32	1.12	0.95	0.84	0.84
95	31.0	29.1	27.2	25.2	23.2	21.1	19.1	17.0	15.0	13.0	11.1	9.30	7.56	5.93	4.43	3.06	1.86	0.83	0.53
100	63.5	61.7	59.7	57.7	55.6	53.5	51.4	49.3	47.2	45.2	43.3	41.4	39.6	37.9	36.3	34.9	33.6	32.5	31.9
105	97.4	95.3	93.2	91.0	88.8	86.5	84.3	82.0	79.9	77.9	76.1	74.4	72.7	71.2	69.7	68.4	67.2	66.2	65.4
110	133	131	128	126	124	121	119	117	114	112	111	109	107	105	104	103	101	100	99.3
115	170	167	165	163	160	158	155	153	150	148	146	144	142	141	139	138	136	135	134
120	206	203	201	199	196	193	191	188	186	184	182	180	178	177	175	174	173	172	171
125	242	239	237	234	232	229	226	224	221	219	218	216	214	213	211	210	209	208	207
130	276	273	271	269	266	264	261	258	256	254	252	251	249	248	246	245	244	243	242
135	308	306	304	301	299	297	294	292	289	288	286	284	283	281	280	279	278	277	276
140	338	336	334	332	330	328	325	323	321	319	318	316	315	314	313	311	310	310	309
145	367	365	363	361	359	357	355	353	351	349	348	347	345	344	343	342	341	341	340
150	392	391	389	387	385	384	382	380	378	377	376	375	373	372	372	371	370	369	368
155	414	413	411	410	408	407	405	404	402	401	400	399	399	398	397	397	396	395	395
160	433	432	430	429	428	427	426	424	423	422	422	421	420	420	419	419	418	418	417
165	447	446	445	444	444	443	442	441	440	440	439	439	438	438	438	437	437	437	436
170	457	457	456	456	455	455	454	453	453	453	453	452	452	452	452	452	451	451	451
175	463	463	462	462	462	461	461	461	461	461	461	461	461	461	461	461	461	461	461
180	464	464	464	464	464	464	464	464	464	464	464	464	464	464	464	464	464	464	464

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:4000K	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	1739	1739	1739	1739	1738	1738	1738	1738	1739	1739	1739	1740	1740	1741	1741	1742	1742	1743	1743
5	1723	1724	1725	1725	1726	1727	1728	1729	1730	1731	1732	1733	1734	1735	1736	1737	1738	1739	1740
10	1690	1691	1692	1693	1695	1696	1698	1700	1701	1703	1705	1707	1709	1711	1712	1714	1716	1717	1718
15	1636	1638	1640	1642	1644	1646	1649	1651	1654	1657	1660	1663	1665	1668	1670	1673	1675	1676	1677
20	1563	1566	1568	1571	1574	1577	1581	1584	1588	1592	1596	1600	1604	1608	1611	1614	1617	1619	1620
25	1477	1480	1484	1488	1492	1496	1500	1505	1509	1514	1518	1523	1527	1531	1534	1538	1541	1542	1543
30	1378	1382	1386	1390	1395	1399	1404	1409	1415	1420	1425	1430	1435	1440	1444	1448	1451	1453	1454
35	1269	1273	1277	1282	1287	1293	1298	1304	1310	1316	1322	1328	1333	1338	1343	1348	1352	1353	1355
40	1152	1156	1161	1166	1172	1177	1183	1189	1196	1203	1209	1216	1222	1228	1233	1238	1242	1244	1245
45	1026	1031	1036	1042	1048	1054	1061	1067	1075	1082	1089	1096	1102	1108	1114	1119	1124	1125	1126
50	897	903	908	915	921	928	935	942	950	957	965	972	978	985	990	996	1000	1001	1002
55	765	771	777	783	790	796	804	811	819	827	834	842	849	855	861	867	871	873	874
60	630	635	641	647	653	660	667	674	682	690	698	706	714	721	727	733	738	740	740
65	497	502	508	514	520	527	534	541	549	558	565	573	580	587	593	599	604	605	606
70	367	372	377	383	389	395	402	409	416	424	432	440	447	454	460	466	471	472	472
75	243	248	253	258	264	270	276	283	290	298	305	313	320	326	332	338	342	344	344
80	126	130	135	140	146	152	158	164	171	179	186	193	199	206	211	216	221	222	223
85	23.0	27.1	31.6	36.4	41.5	46.9	52.4	58.1	64.5	71.0	77.5	83.7	89.6	95.0	100.0	104	108	109	109
90	0.91	1.04	1.25	1.54	1.91	2.37	2.92	3.57	4.92	6.34	7.77	9.19	10.5	11.8	12.9	13.8	14.5	13.9	13.1
95	0.61	0.70	0.79	0.88	0.96	1.04	1.37	2.03	2.67	3.40	4.23	5.15	6.16	7.25	8.43	9.69	11.0	12.7	14.5
100	31.4	31.2	31.1	31.2	31.3	31.7	32.1	32.7	33.3	34.1	34.9	35.8	36.8	37.9	39.1	40.3	41.6	43.0	44.4
105	64.8	64.3	64.0	63.8	63.7	63.8	64.0	64.4	64.9	65.6	66.3	67.2	68.2	69.3	70.4	71.7	73.0	74.5	76.0
110	98.6	98.1	97.7	97.4	97.3	97.3	97.4	97.7	98.3	99.0	99.8	101	102	103	104	106	107	109	110
115	134	133	132	132	132	132	132	132	133	134	135	136	137	138	139	141	142	144	146
120	170	169	169	169	168	168	168	169	169	170	170	171	172	174	175	176	178	180	182
125	206	205	205	204	204	204	204	204	204	205	206	207	208	209	210	211	213	215	217
130	241	240	240	239	239	239	239	239	239	240	241	241	242	244	245	246	248	250	252
135	275	275	274	274	273	273	273	273	274	274	275	276	277	278	279	280	282	284	286
140	308	307	307	306	306	306	306	306	306	307	307	308	309	310	312	313	314	316	318
145	339	338	338	337	337	337	337	337	337	338	338	339	340	341	342	343	344	346	347
150	368	367	367	366	366	366	366	366	366	366	367	367	368	369	370	371	372	374	375
155	394	393	393	392	392	391	391	391	391	392	392	393	393	394	395	396	397	398	400
160	416	416	415	415	415	414	414	414	414	414	415	415	416	416	417	418	419	420	421
165	435	435	434	434	434	433	433	433	433	433	433	434	434	435	435	436	437	438	438
170	450	450	449	449	449	448	448	448	448	448	448	448	449	449	449	450	450	451	451
175	460	460	460	459	459	459	458	458	458	458	458	458	458	458	458	459	459	459	460
180	464	464	464	464	464	464	464	464	464	464	464	464	464	464	464	464	464	464	464

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:4000K	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	1744	1744	1744	1744	1745	1745	1745	1745	1744	1744	1744	1743	1742	1742	1741				
5	1741	1741	1742	1743	1743	1743	1743	1743	1742	1742	1741	1740	1738	1737	1735				
10	1719	1720	1720	1721	1721	1721	1721	1721	1720	1719	1718	1716	1715	1713	1711				
15	1678	1679	1679	1679	1679	1679	1678	1677	1676	1675	1673	1671	1669	1667	1664				
20	1621	1621	1621	1621	1620	1619	1618	1617	1616	1614	1612	1609	1607	1604	1601				
25	1544	1545	1545	1544	1544	1542	1541	1539	1538	1535	1533	1530	1527	1523	1519				
30	1455	1456	1455	1455	1454	1452	1450	1448	1446	1443	1440	1437	1433	1429	1424				
35	1355	1355	1355	1354	1353	1351	1349	1346	1344	1341	1337	1333	1329	1324	1319				
40	1245	1244	1244	1242	1240	1238	1235	1232	1229	1226	1222	1218	1214	1209	1204				
45	1126	1125	1124	1123	1120	1118	1114	1112	1108	1105	1101	1097	1092	1087	1082				
50	1002	1001	1000	998	995	992	989	985	982	978	974	970	965	959	954				
55	873	873	871	869	866	863	859	856	852	848	844	839	834	828	822				
60	740	739	737	735	732	729	725	722	718	714	710	706	701	695	690				
65	605	604	603	600	598	594	591	588	585	581	577	573	569	565	560				
70	472	471	470	468	465	462	459	456	453	450	447	444	440	436	432				
75	344	344	343	341	339	336	333	331	328	325	322	319	315	312	307				
80	223	222	221	220	218	215	212	210	207	204	201	198	194	190	186				
85	108	107	106	104	101	98.3	95.1	92.5	89.6	86.4	83.0	79.3	75.4	71.3	66.8				
90	12.0	10.8	9.56	8.21	6.83	5.47	4.17	3.50	2.92	2.44	2.06	1.77	1.57	1.48	1.47				
95	16.2	18.0	19.8	21.6	23.3	24.9	26.5	27.7	28.8	29.7	30.6	31.3	32.0	32.5	32.9				
100	45.9	47.3	48.9	50.4	52.0	53.5	55.1	56.6	58.0	59.4	60.9	62.3	63.7	65.1	66.5				
105	77.6	79.2	80.9	82.5	84.2	85.9	87.5	89.0	90.5	91.9	93.3	94.7	96.1	97.4	98.7				
110	112	114	115	117	119	121	122	124	125	127	128	130	131	133	134				
115	148	150	152	154	156	158	159	161	163	164	165	167	168	169	171				
120	184	186	188	190	192	194	196	197	199	200	202	203	204	205	206				
125	219	221	223	225	228	230	232	233	235	236	237	238	240	241	241				
130	254	256	258	260	262	264	266	268	269	271	272	273	274	275	276				
135	288	290	292	294	296	298	300	301	302	304	305	306	307	308	308				
140	320	322	323	325	327	329	331	332	333	335	336	337	338	339	339				
145	349	351	353	355	356	358	360	361	362	364	365	366	366	367	368				
150	377	378	380	382	383	385	386	387	389	390	391	392	392	393	394				
155	401	402	404	405	407	408	409	410	411	412	413	414	415	416	416				
160	422	423	424	426	427	428	429	430	431	432	433	434	434	435	436				
165	439	440	441	442	443	444	445	446	447	447	448	449	449	450	451				
170	452	453	453	454	455	455	456	457	457	458	458	459	459	460	461				
175	460	460	461	461	462	462	463	463	463	464	464	465	465	465	466				
180	464	464	464	464	464	464	464	464	464	464	464	464	464	464	464				

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: