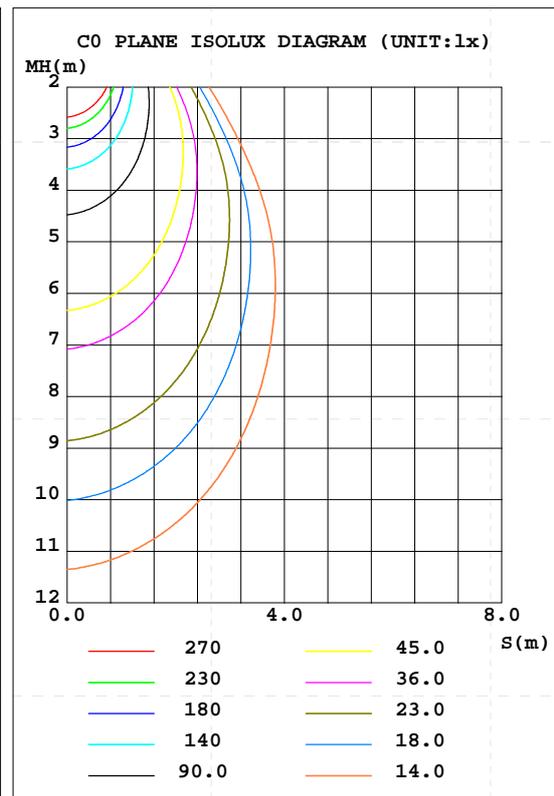
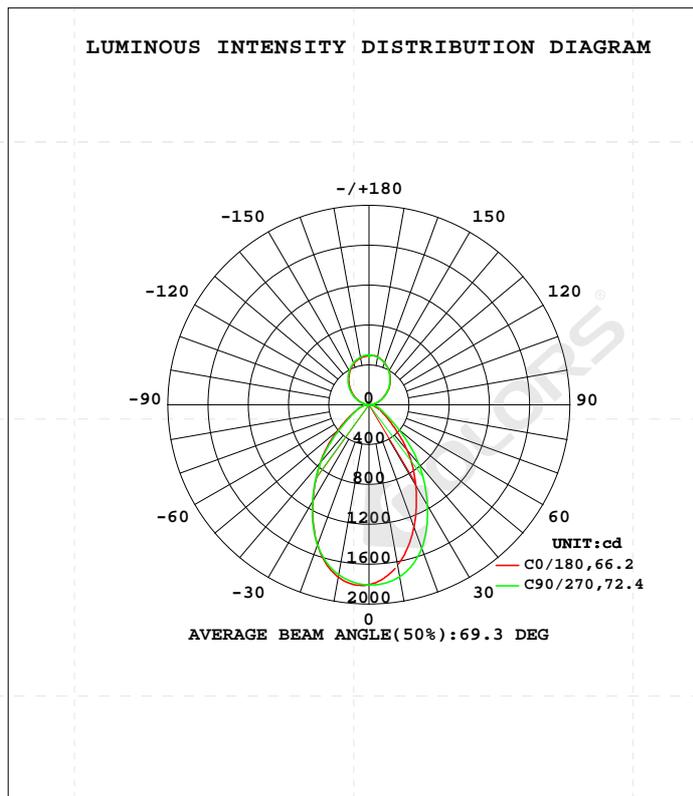


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.0V I:0.1800A P:39.00W PF:0.9000 Freq:50.00Hz Lamp Flux:3923.69x1 lm		
NAME: LLS-LH40FPFWS1200(N)-T39NWSN-DC	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: COLORS	SUR.:1200*38mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 100.61 lm/W			
MODEL		I _{max} (cd)	1814	S/MH(C0/180)	0.87
NOMINAL POWER(W)	39	LOR(%)	100.0	S/MH(C90/270)	1.00
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	3923.7	h UP, DN(C0-180)	16.4, 33.9
NOMINAL FLUX(lm)	3923.69	CIE CLASS	SEMI-D.	h UP, DN(C180-360)	15.9, 33.8
LAMPS INSIDE	1	h up(%)	32.3	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	220.0	h down(%)	67.7	CIBSE SHR MAX	1.05



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

Range: 0 - 180DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

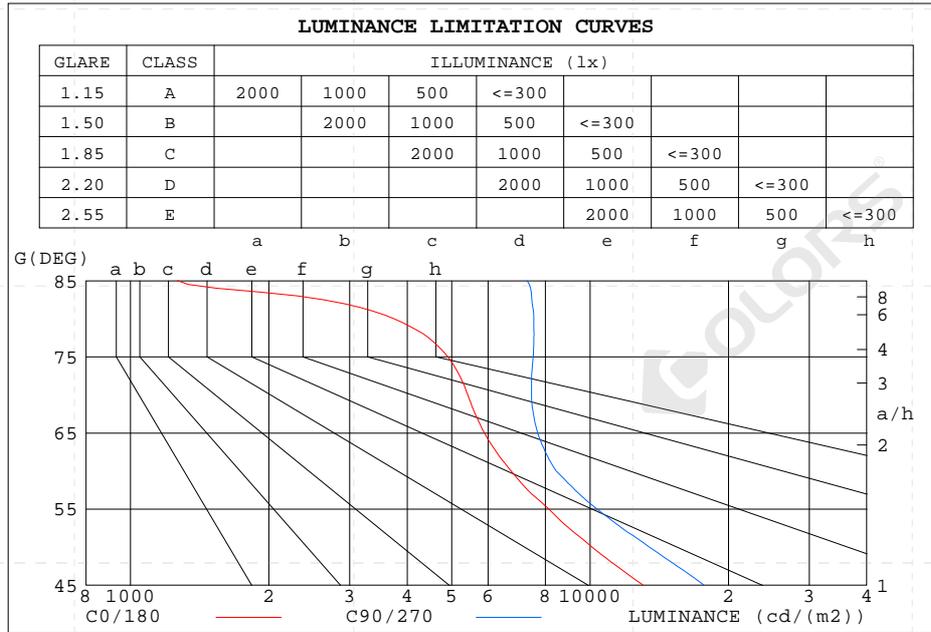
ZONAL FLUX DIAGRAM:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	1637	1724	1752	1725	1756	1726	1732	1715	0- 10	168.6	168.6	4.3,4.3
20	1308	1467	1533	1459	1498	1459	1497	1453	10- 20	451.7	620.3	15.8,15.8
30	932.1	1093	1165	1076	1117	1075	1126	1078	20- 30	586.6	1207	30.8,30.8
40	588.5	721.8	773.4	702.8	750.9	709.3	749.9	718.0	30- 40	560.4	1767	45,45
50	296.2	369.4	394.7	355.5	411.1	362.1	376.9	374.1	40- 50	411.7	2179	55.5,55.5
60	153.6	182.0	192.6	177.7	203.0	178.1	185.1	182.6	50- 60	234.6	2414	61.5,61.5
70	84.53	101.7	116.3	101.2	106.8	98.70	110.2	101.1	60- 70	136.4	2550	65,65
80	29.71	46.81	59.76	45.90	53.38	46.33	58.06	49.00	70- 80	80.37	2630	67,67
90	9.234	22.88	3.250	3.805	4.553	3.317	3.862	14.75	80- 90	25.80	2656	67.7,67.7
100	51.88	80.75	42.66	19.78	36.56	12.84	36.75	67.56	90-100	24.91	2681	68.3,68.3
110	113.4	150.9	109.3	76.23	98.91	67.72	104.4	134.5	100-110	79.58	2761	70.4,70.4
120	178.4	225.7	182.4	147.6	167.4	138.1	178.0	210.6	110-120	142.3	2903	74,74
130	261.1	297.7	257.1	222.7	241.8	211.8	253.9	278.8	120-130	194.6	3098	78.9,78.9
140	332.0	367.3	328.1	294.3	314.9	286.0	327.1	354.1	130-140	224.7	3322	84.7,84.7
150	397.9	428.0	395.8	367.3	385.4	356.5	394.3	420.7	140-150	226.3	3549	90.4,90.4
160	452.1	474.3	450.7	430.2	442.1	420.9	449.4	467.7	150-160	195.1	3744	95.4,95.4
170	490.7	502.0	487.7	479.4	480.3	475.9	487.2	499.7	160-170	132.8	3876	98.8,98.8
180	474.4	474.4	474.4	474.4	474.4	474.4	474.4	474.4	170-180	47.23	3924	100,100
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

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

g Range: 0 - 180DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES



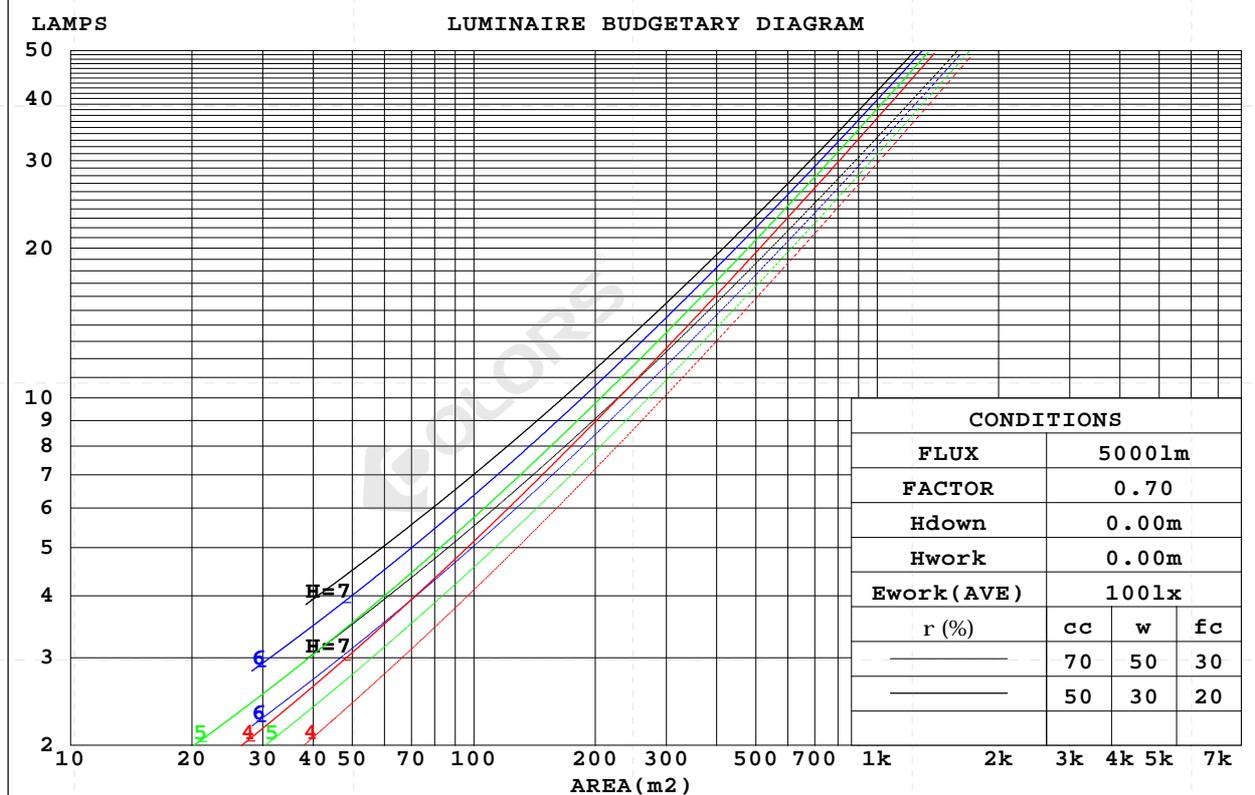
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1265	7298
80	3752	7546
75	4908	7518
70	5420	7457
65	5890	7693
60	6735	8446
55	8138	10368
50	10106	13467
45	13068	17744

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

G Range: 0 - 180DEG
G Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

rcc	80%			70%			50%			30%			10%			0
r _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.11	1.11	1.11	1.05	1.05	1.05	.93	.93	.93	.82	.82	.82	.72	.72	.72	.68
1.0	.99	.96	.93	.94	.91	.88	.84	.82	.80	.75	.73	.72	.66	.65	.64	.60
2.0	.89	.83	.79	.84	.79	.75	.76	.72	.69	.68	.65	.63	.60	.58	.57	.53
3.0	.80	.73	.68	.76	.70	.65	.68	.64	.60	.62	.58	.55	.55	.53	.50	.47
4.0	.72	.65	.59	.69	.62	.57	.62	.57	.53	.56	.52	.49	.51	.48	.45	.42
5.0	.65	.58	.52	.62	.56	.51	.57	.51	.47	.52	.47	.44	.47	.43	.41	.38
6.0	.59	.52	.47	.57	.50	.45	.52	.46	.42	.47	.43	.40	.43	.40	.37	.34
7.0	.55	.47	.42	.52	.45	.41	.48	.42	.38	.44	.39	.36	.40	.36	.34	.31
8.0	.50	.43	.38	.48	.41	.37	.44	.39	.35	.41	.36	.33	.37	.34	.31	.29
9.0	.46	.39	.34	.45	.38	.34	.41	.36	.32	.38	.33	.30	.35	.31	.28	.26
10.0	.43	.36	.32	.41	.35	.31	.38	.33	.29	.35	.31	.28	.33	.29	.26	.24



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

Range: 0 - 180DEG
 Interval: 0.5DEG
 Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

WEC AND CCEC

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.247	.141	.045	.231	.132	.042	.200	.114	.037	.171	.099	.032	.144	.084	.027	
2.0	.233	.128	.039	.218	.120	.037	.190	.105	.033	.164	.092	.029	.140	.079	.025	
3.0	.218	.116	.035	.204	.109	.033	.178	.097	.029	.155	.085	.026	.133	.074	.023	
4.0	.203	.106	.031	.191	.100	.030	.168	.089	.027	.146	.078	.024	.126	.068	.021	
5.0	.190	.097	.028	.179	.092	.027	.158	.082	.024	.138	.073	.022	.119	.064	.019	
6.0	.178	.089	.026	.168	.085	.024	.148	.076	.022	.130	.068	.020	.113	.059	.018	
7.0	.168	.083	.023	.158	.079	.022	.140	.071	.020	.123	.063	.018	.107	.056	.016	
8.0	.158	.077	.022	.149	.073	.021	.132	.066	.019	.117	.059	.017	.102	.052	.015	
9.0	.149	.072	.020	.141	.069	.019	.126	.062	.018	.111	.056	.016	.097	.049	.014	
10.0	.141	.068	.019	.134	.065	.018	.119	.058	.016	.105	.052	.015	.093	.047	.013	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.437	.437	.437	.373	.373	.373	.255	.255	.255	.146	.146	.146	.047	.047	.047	
1.0	.424	.405	.387	.363	.347	.333	.248	.239	.231	.143	.138	.134	.046	.045	.043	
2.0	.414	.382	.355	.355	.329	.307	.243	.228	.214	.140	.132	.125	.045	.043	.041	
3.0	.406	.365	.333	.348	.315	.289	.239	.219	.202	.138	.128	.119	.044	.041	.039	
4.0	.398	.352	.317	.341	.304	.276	.235	.212	.194	.136	.124	.115	.044	.040	.038	
5.0	.391	.342	.306	.336	.296	.266	.231	.207	.188	.134	.121	.112	.043	.040	.037	
6.0	.384	.334	.298	.330	.289	.260	.228	.203	.184	.132	.119	.109	.043	.039	.036	
7.0	.378	.327	.292	.325	.284	.254	.225	.199	.180	.131	.117	.107	.042	.038	.035	
8.0	.373	.322	.287	.321	.279	.250	.222	.196	.178	.129	.116	.106	.042	.038	.035	
9.0	.367	.317	.284	.316	.275	.247	.219	.194	.176	.128	.114	.105	.041	.038	.035	
10.0	.363	.313	.281	.312	.272	.245	.217	.191	.174	.126	.113	.104	.041	.037	.034	

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

Range: 0 - 180DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

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	12.4	13.4	13.1	14.0	14.8	13.4	14.4	14.0	15.0	15.8
3H	12.9	13.8	13.6	14.5	15.3	14.0	14.9	14.7	15.6	16.4
4H	13.1	13.9	13.8	14.6	15.5	14.4	15.2	15.1	15.9	16.7
6H	13.2	14.0	14.0	14.7	15.6	14.7	15.5	15.4	16.2	17.0
8H	13.2	13.9	14.0	14.7	15.5	14.8	15.6	15.6	16.3	17.2
12H	13.1	13.8	13.9	14.6	15.5	14.9	15.6	15.7	16.3	17.2
4H 2H	12.5	13.4	13.3	14.1	14.9	13.4	14.2	14.1	14.9	15.7
3H	13.2	13.9	14.0	14.7	15.6	14.2	14.9	15.0	15.7	16.5
4H	13.6	14.2	14.4	15.0	15.9	14.7	15.3	15.5	16.1	17.0
6H	13.8	14.3	14.6	15.1	16.1	15.2	15.7	16.0	16.5	17.5
8H	13.8	14.3	14.6	15.1	16.1	15.4	15.9	16.2	16.7	17.7
12H	13.8	14.2	14.6	15.0	16.0	15.5	16.0	16.4	16.8	17.8
8H 4H	13.7	14.2	14.5	15.0	16.0	14.7	15.2	15.6	16.1	17.0
6H	14.0	14.4	14.9	15.3	16.3	15.4	15.8	16.2	16.6	17.6
8H	14.1	14.5	15.0	15.3	16.4	15.6	16.0	16.5	16.9	17.9
12H	14.1	14.4	15.0	15.3	16.3	15.9	16.2	16.8	17.1	18.1
12H 4H	13.7	14.1	14.5	15.0	16.0	14.7	15.2	15.5	16.0	17.0
6H	14.1	14.4	14.9	15.3	16.3	15.3	15.7	16.2	16.6	17.6
8H	14.2	14.5	15.1	15.4	16.4	15.7	16.0	16.5	16.8	17.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.7 / - 0.8					+ 0.5 / - 0.7				
1.5H	+ 0.6 / - 0.8					+ 0.5 / - 0.5				
2.0H	+ 1.2 / - 1.1					+ 1.3 / - 0.7				

CIE Pub.117, 3924 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 4.7)

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

Range: 0 - 180DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

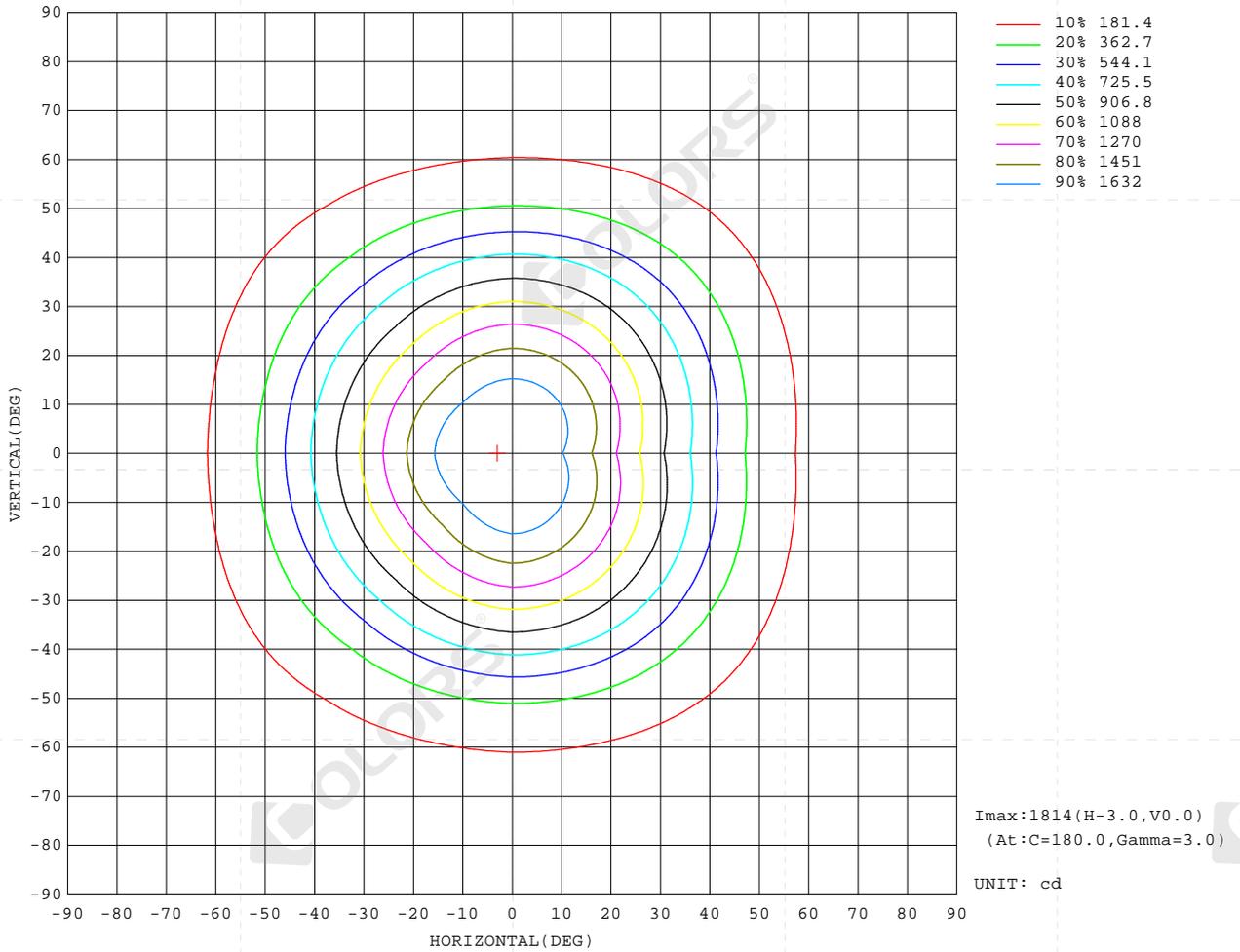
UTILIZATION FACTORS TABLE

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	58	48	42	56	47	42	53	45	40	34
0.80	67	57	51	64	56	50	60	53	48	40
1.00	74	64	58	71	62	57	66	60	54	45
1.25	80	71	65	77	69	63	71	64	60	49
1.50	84	76	70	81	73	68	74	68	64	52
2.00	90	83	77	86	79	74	78	73	69	55
2.50	94	87	81	89	83	78	81	76	72	57
3.00	96	90	85	92	86	82	83	79	75	59
4.00	100	95	91	95	90	87	85	82	79	61
5.00	102	98	94	97	93	90	87	84	82	62
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: JYH
 Test Date:

Range: 0 - 180DEG
 Interval: 0.5DEG
 Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

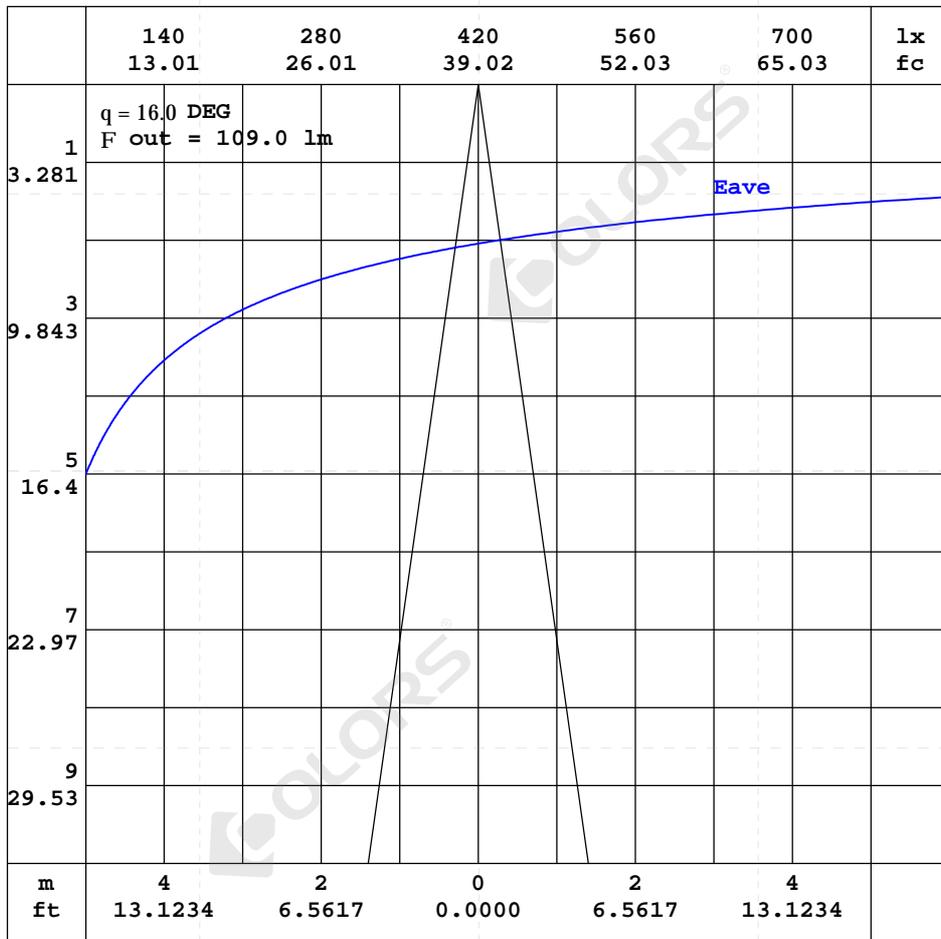
ISOCANDELA DIAGRAM



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

Range: 0 - 180DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

AAI CURVES

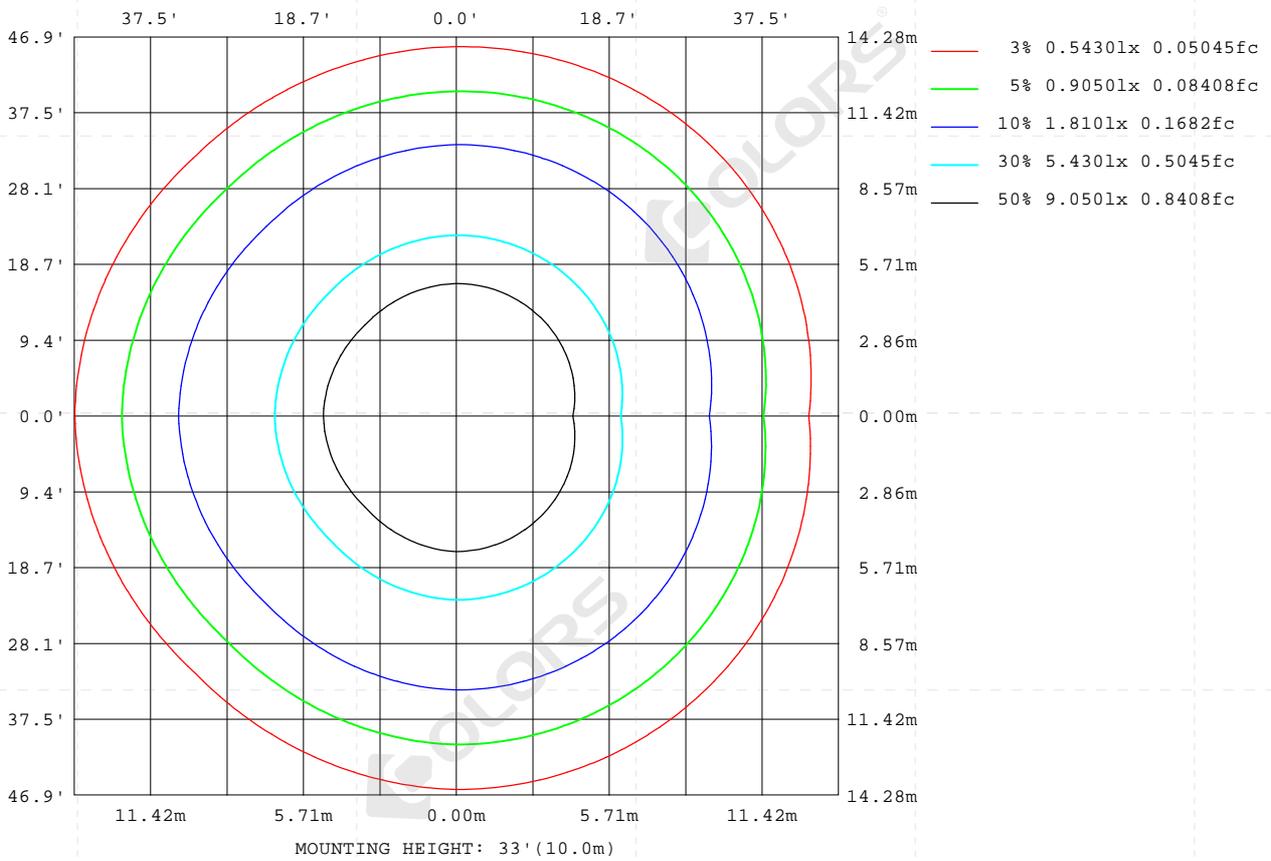


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

Range: 0 - 180DEG
 Interval: 0.5DEG
 Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM



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

Page Range: 0 - 180DEG
 Interval: 0.5DEG
 Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:220.0V I:0.1800A P:39.00W PF:0.9000 Freq:50.00Hz Lamp Flux:3923.69x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: COLORS	SUR.:1200*38mm	Shielding Angle:

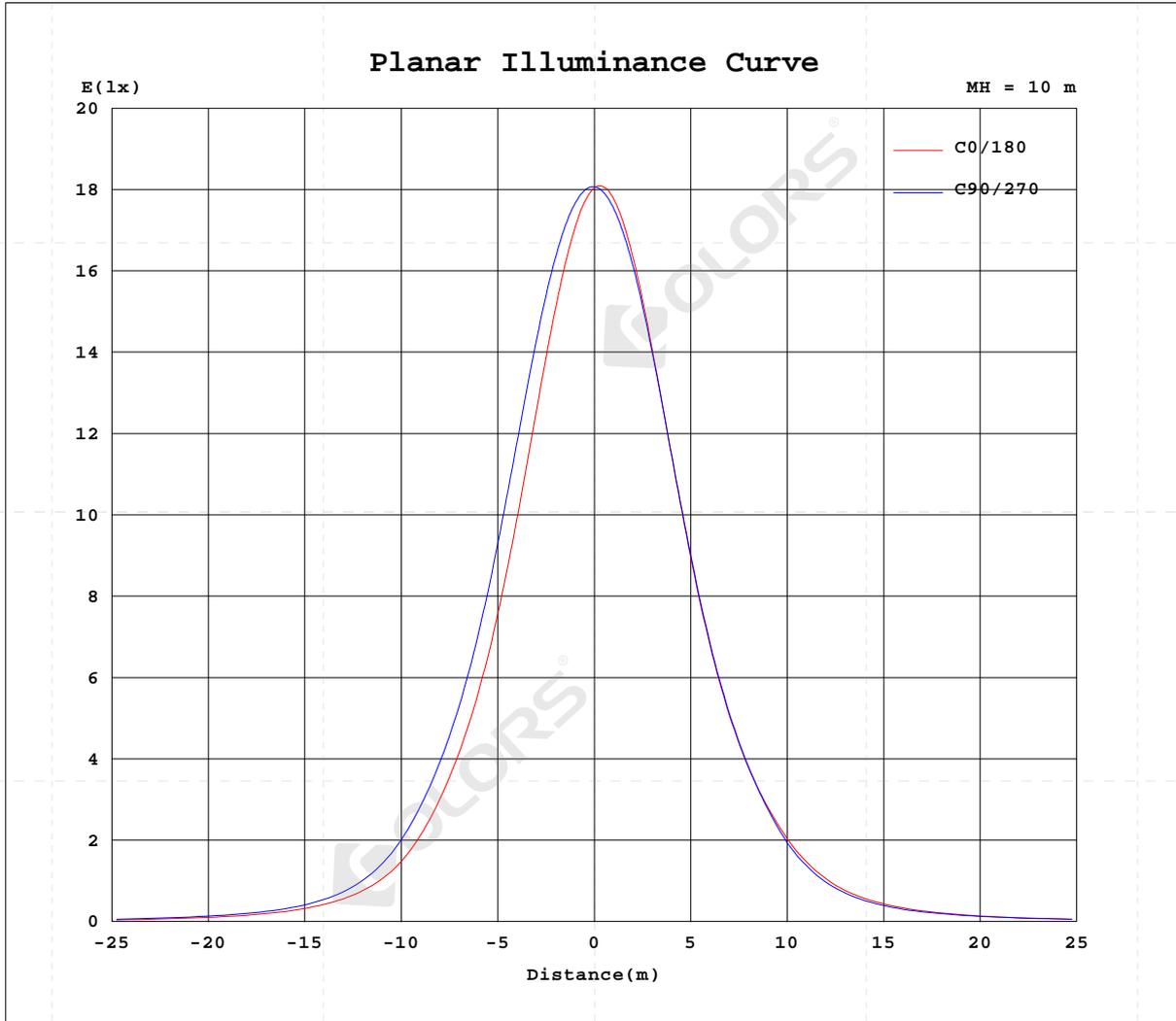
AvgL	cd/m2
L_0~180(65)av	6732
L_0~180(75)av	5790
L_0~180(85)av	4018
L_90~270(65)av	7519
L_90~270(75)av	7362
L_90~270(85)av	7350
L_45(65)av	6879
L_45(75)av	6297
L_45(85)av	4925

Standard: GB/T 29293-2012

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

Range: 0 - 180DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.362
 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: JYH
 Test Date:

Page Range: 0 - 180DEG
 Interval: 0.5DEG
 Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

C(DEG) g (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1804	1806	1807	1808	1810	1811	1811	1812	1813	1813	1813	1812	1812	1811	1810	1810	1809	1808	1808
5	1745	1752	1758	1764	1770	1775	1779	1783	1787	1790	1792	1794	1795	1796	1797	1797	1797	1797	1797
10	1637	1649	1661	1672	1683	1692	1701	1709	1717	1724	1730	1735	1740	1743	1747	1749	1751	1752	1752
15	1487	1506	1523	1539	1554	1569	1582	1595	1606	1616	1626	1635	1643	1650	1655	1660	1663	1665	1666
20	1308	1330	1352	1372	1390	1408	1425	1440	1454	1467	1480	1492	1502	1511	1518	1524	1529	1532	1533
25	1118	1141	1164	1185	1205	1223	1241	1257	1273	1287	1301	1313	1325	1335	1343	1350	1355	1359	1360
30	932	954	975	995	1014	1032	1049	1065	1079	1093	1106	1119	1130	1140	1148	1155	1160	1163	1165
35	759	779	799	817	834	850	865	879	892	905	917	928	938	946	953	959	963	966	967
40	588	607	625	642	658	673	686	699	711	722	732	742	750	757	763	768	771	773	773
45	421	438	454	468	482	495	506	517	527	536	544	551	557	562	567	570	572	572	572
50	296	307	317	326	335	343	350	357	364	369	375	380	384	388	390	393	394	395	395
55	213	219	225	230	236	240	245	249	253	256	259	262	265	267	269	270	271	271	271
60	154	158	161	165	168	172	174	177	180	182	184	186	188	189	191	191	192	193	193
65	114	116	119	121	123	126	128	130	132	134	136	139	141	143	144	146	147	148	148
70	84.5	86.6	88.6	90.6	92.5	94.4	96.3	98.1	100.0	102	104	106	108	110	112	113	115	116	116
75	57.9	59.9	61.9	63.9	65.8	67.7	69.5	71.3	73.1	74.8	76.9	79.0	81.0	82.8	84.5	86.0	87.2	88.1	88.7
80	29.7	31.8	33.9	35.9	37.8	39.7	41.6	43.4	45.1	46.8	48.9	50.8	52.7	54.4	56.0	57.3	58.4	59.2	59.8
85	5.03	7.29	9.44	11.5	13.4	15.2	17.0	18.6	20.1	21.4	22.9	24.3	25.5	26.6	27.4	28.2	28.7	28.9	29.0
90	9.23	12.4	15.1	17.5	19.4	20.9	22.0	22.7	23.0	22.9	21.4	19.5	17.4	15.1	12.7	10.2	7.75	5.41	3.25
95	26.1	31.3	36.0	39.9	43.1	45.7	47.6	48.8	49.3	49.1	46.9	44.1	40.9	37.2	33.3	29.2	25.1	21.0	17.0
100	51.9	58.4	64.1	68.9	73.0	76.2	78.6	80.1	80.8	80.7	78.3	75.2	71.4	67.2	62.6	57.7	52.7	47.6	42.7
105	82.6	89.9	96.2	102	106	110	112	114	115	115	113	109	105	101	96.0	90.8	85.4	79.9	74.4
110	113	121	129	135	140	144	147	149	151	151	149	145	142	137	132	127	121	115	109
115	146	155	162	169	175	180	183	186	188	188	186	183	179	174	169	163	158	152	146
120	178	188	197	204	211	216	220	223	225	226	224	220	216	212	206	201	195	189	182
125	220	229	236	243	249	253	257	260	261	262	259	256	252	248	243	237	231	225	219
130	261	269	276	282	287	291	294	296	297	298	295	292	289	284	279	274	269	263	257
135	295	303	310	317	322	326	330	332	333	334	332	328	325	320	315	310	304	298	293
140	332	340	346	352	357	361	364	366	367	367	365	362	359	354	350	345	339	334	328
145	365	373	379	385	390	394	397	399	400	400	398	395	392	387	383	378	372	367	362
150	398	404	410	415	419	422	425	427	428	428	426	424	421	417	414	409	405	400	396
155	427	433	438	442	445	448	450	452	453	453	452	450	447	444	441	437	433	429	425
160	452	457	461	465	468	470	472	473	474	474	473	471	469	467	464	461	457	454	451
165	473	477	480	483	485	487	489	490	491	491	490	488	487	485	482	480	478	475	472
170	491	493	495	497	499	500	501	502	502	502	501	500	498	497	495	493	491	490	488
175	496	498	500	502	503	505	506	506	507	507	506	506	505	504	503	501	500	499	498
180	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474

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

g Range: 0 - 180DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

C(DEG) g (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	1808	1808	1808	1808	1808	1809	1809	1809	1809	1808	1808	1807	1806	1806	1805	1805	1804	1804	1805
5	1796	1795	1794	1793	1792	1792	1791	1790	1790	1792	1794	1797	1799	1801	1804	1806	1808	1809	1808
10	1750	1747	1744	1740	1737	1733	1730	1728	1725	1728	1731	1735	1739	1743	1747	1750	1754	1756	1754
15	1662	1657	1651	1645	1638	1631	1625	1619	1615	1617	1621	1625	1629	1634	1639	1643	1647	1650	1648
20	1527	1520	1511	1502	1493	1484	1475	1466	1459	1461	1465	1469	1474	1479	1484	1489	1494	1498	1494
25	1353	1344	1334	1324	1313	1302	1291	1282	1273	1275	1278	1283	1288	1293	1299	1305	1310	1314	1310
30	1157	1149	1138	1128	1117	1105	1095	1085	1076	1078	1081	1086	1091	1096	1102	1108	1113	1117	1113
35	960	952	943	933	923	913	903	894	886	888	891	896	901	906	912	917	922	926	923
40	767	760	752	743	734	725	717	709	703	706	711	716	722	728	735	741	746	751	748
45	566	560	553	546	538	531	525	519	515	521	527	535	543	551	559	567	574	579	575
50	391	386	381	376	371	366	362	358	355	361	367	373	380	387	394	401	406	411	408
55	269	266	263	260	257	254	251	249	248	251	256	260	265	270	274	279	282	286	283
60	191	189	187	185	183	181	180	179	178	180	183	186	189	193	196	199	201	203	201
65	147	145	143	141	139	137	135	134	132	133	135	136	138	140	142	143	145	146	145
70	115	114	112	110	108	106	105	103	101	101	102	102	103	104	105	106	106	107	106
75	87.7	86.3	84.8	83.1	81.3	79.5	77.7	76.0	74.5	74.5	74.8	75.2	75.8	76.4	77.0	77.7	78.2	78.7	78.1
80	58.7	57.3	55.7	54.0	52.3	50.5	48.8	47.3	45.9	46.3	47.0	47.8	48.7	49.7	50.7	51.7	52.6	53.4	52.7
85	27.8	26.5	25.0	23.4	21.8	20.3	18.8	17.6	16.5	17.3	18.3	19.5	20.8	22.2	23.5	24.8	25.9	26.9	26.2
90	2.68	2.33	2.18	2.19	2.35	2.61	2.96	3.37	3.81	3.92	4.03	4.14	4.24	4.34	4.42	4.48	4.53	4.55	4.44
95	14.6	12.4	10.5	8.79	7.36	6.18	5.27	4.61	4.23	4.91	5.80	6.85	8.00	9.19	10.4	11.5	12.5	13.3	12.3
100	38.9	35.4	32.1	29.2	26.5	24.2	22.3	20.8	19.8	21.2	22.9	24.9	27.1	29.3	31.5	33.5	35.2	36.6	34.3
105	69.9	65.7	61.6	57.9	54.6	51.6	49.1	47.1	45.6	47.3	49.4	51.9	54.5	57.2	59.9	62.3	64.4	66.0	63.2
110	104	99.6	95.0	90.8	86.9	83.4	80.4	78.0	76.2	78.0	80.3	83.0	85.9	89.0	91.9	94.7	97.0	98.9	95.9
115	141	136	131	127	123	119	116	114	112	113	115	118	120	123	126	128	130	132	129
120	177	172	168	163	159	155	152	150	148	149	151	153	156	159	161	164	166	167	164
125	214	210	205	201	197	193	190	187	186	187	189	191	194	196	199	201	204	205	202
130	252	247	243	238	234	231	227	225	223	224	226	228	231	233	236	238	240	242	239
135	288	284	280	276	272	269	267	264	263	264	265	267	269	272	274	276	277	279	276
140	323	318	314	310	306	302	299	296	294	296	298	300	303	306	308	311	313	315	312
145	357	353	349	346	342	339	337	335	333	334	336	338	340	342	345	347	349	350	347
150	392	388	384	380	377	374	371	369	367	369	371	373	375	378	380	382	384	385	382
155	422	418	415	411	408	406	403	401	400	401	403	404	406	408	410	412	414	415	413
160	448	445	442	439	437	435	433	431	430	431	432	434	435	437	439	440	441	442	440
165	470	468	466	464	462	460	459	458	457	457	458	459	459	460	461	462	463	464	462
170	486	485	484	483	482	481	481	480	479	479	479	479	480	480	480	480	480	480	480
175	497	497	497	497	497	496	496	496	496	495	494	493	492	491	490	489	488	487	488
180	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474

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

g Range: 0 - 180DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--3

UNIT: cd

C(DEG) g (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1806	1807	1808	1809	1810	1811	1812	1813	1813	1812	1812	1811	1810	1810	1809	1808	1808	1808	1808
5	1807	1805	1803	1801	1799	1797	1794	1792	1791	1790	1789	1789	1788	1788	1787	1787	1787	1787	1787
10	1751	1748	1745	1741	1737	1733	1729	1726	1726	1726	1727	1728	1729	1730	1731	1731	1732	1732	1731
15	1644	1640	1636	1631	1626	1622	1618	1615	1616	1618	1621	1624	1627	1630	1633	1635	1637	1636	1635
20	1490	1486	1481	1476	1471	1466	1462	1459	1462	1467	1471	1476	1481	1486	1490	1494	1497	1497	1495
25	1306	1301	1295	1290	1285	1280	1276	1272	1277	1282	1288	1294	1300	1306	1312	1317	1321	1320	1318
30	1109	1104	1098	1093	1088	1083	1079	1075	1080	1085	1091	1098	1104	1110	1116	1122	1126	1125	1124
35	919	914	909	904	899	894	891	887	891	896	902	907	913	919	924	929	933	933	932
40	743	738	733	728	722	717	713	709	713	717	721	726	732	737	742	746	750	750	750
45	570	564	557	550	543	536	529	523	525	527	530	533	537	541	545	549	552	554	555
50	403	398	392	386	380	373	367	362	362	363	364	366	368	370	372	375	377	379	380
55	280	277	273	269	264	260	256	252	252	252	252	253	254	255	256	258	259	260	261
60	199	196	193	190	187	184	181	178	178	178	179	180	181	182	183	184	185	186	186
65	143	141	139	137	135	134	132	130	131	132	133	135	136	138	139	140	142	141	141
70	105	104	103	102	101	100.0	99.3	98.7	99.7	101	102	104	105	107	108	109	110	110	109
75	77.3	76.5	75.7	75.0	74.3	73.7	73.2	72.9	74.1	75.5	76.9	78.5	80.0	81.5	82.8	84.1	85.0	84.8	84.2
80	51.9	51.0	50.1	49.1	48.2	47.4	46.8	46.3	47.4	48.7	50.1	51.6	53.1	54.5	55.9	57.1	58.1	57.9	57.5
85	25.3	24.2	23.1	21.9	20.8	19.8	18.9	18.2	19.2	20.3	21.6	23.0	24.4	25.8	27.2	28.4	29.4	29.4	29.1
90	4.32	4.18	4.02	3.87	3.72	3.57	3.44	3.32	3.13	2.98	2.88	2.83	2.85	2.95	3.15	3.45	3.86	5.05	6.33
95	11.2	9.95	8.62	7.28	5.96	4.74	3.65	2.77	3.00	3.47	4.17	5.10	6.24	7.59	9.13	10.8	12.7	15.5	18.4
100	31.7	28.8	25.8	22.7	19.8	17.1	14.7	12.8	13.9	15.5	17.5	20.0	22.9	26.0	29.4	33.0	36.8	40.8	44.9
105	60.0	56.4	52.6	48.9	45.3	42.0	39.2	36.9	38.5	40.8	43.6	47.0	50.8	55.0	59.4	64.0	68.7	73.3	78.0
110	92.3	88.5	84.5	80.4	76.6	73.1	70.1	67.7	69.8	72.6	76.1	80.1	84.5	89.2	94.2	99.3	104	109	113
115	125	122	118	114	110	107	104	102	104	107	111	115	120	125	130	136	141	146	150
120	161	157	153	150	146	143	140	138	140	144	147	152	157	162	167	172	178	183	188
125	198	195	191	187	183	180	177	175	178	181	185	190	195	200	205	211	217	221	226
130	235	231	227	223	220	216	214	212	215	218	222	227	232	237	243	248	254	258	262
135	272	268	265	261	257	254	252	250	252	256	259	264	269	274	279	285	291	295	300
140	309	305	301	297	294	291	288	286	289	292	296	301	306	311	316	322	327	331	336
145	344	341	337	334	331	328	326	324	326	329	333	337	342	346	351	357	362	366	370
150	379	375	372	368	364	361	359	357	359	362	366	370	374	379	384	389	394	398	402
155	411	408	406	403	400	398	396	395	396	399	401	405	408	412	416	419	423	427	430
160	437	435	432	429	427	424	422	421	423	425	428	431	434	438	442	446	449	452	455
165	461	460	458	457	455	454	453	452	454	455	457	459	461	464	466	469	471	473	475
170	479	478	478	477	477	476	476	476	477	478	479	480	481	483	484	486	487	489	491
175	488	488	489	490	490	491	492	493	493	494	494	495	495	496	497	497	498	499	500
180	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474

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

g Range: 0 - 180DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--4

UNIT: cd

C(DEG) g (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1808	1808	1808	1809	1809	1809	1809	1809	1808	1808	1807	1807	1806	1806	1805				
5	1787	1787	1787	1787	1786	1785	1784	1781	1778	1775	1771	1767	1762	1757	1751				
10	1731	1729	1728	1726	1723	1719	1715	1709	1703	1696	1688	1679	1670	1659	1648				
15	1633	1631	1627	1623	1618	1611	1604	1595	1585	1574	1563	1550	1536	1521	1504				
20	1492	1489	1484	1478	1471	1462	1453	1442	1429	1416	1401	1385	1368	1349	1329				
25	1315	1311	1306	1299	1291	1282	1271	1259	1246	1231	1216	1199	1180	1161	1140				
30	1121	1117	1111	1105	1097	1088	1078	1067	1054	1040	1025	1009	992	973	953				
35	930	926	922	916	910	902	893	883	871	859	845	830	814	797	779				
40	749	746	743	738	733	726	718	708	698	686	673	658	643	626	608				
45	555	554	553	551	548	543	538	530	521	510	498	486	471	456	439				
50	381	381	381	381	379	377	374	369	363	356	349	340	330	320	309				
55	262	263	263	263	262	262	260	257	254	250	245	240	234	228	220				
60	186	186	186	186	185	184	183	181	178	176	173	170	166	162	158				
65	141	140	139	138	137	135	134	132	130	128	126	124	122	119	116				
70	109	108	107	106	104	103	101	99.7	98.1	96.5	94.7	92.9	90.9	88.9	86.8				
75	83.4	82.5	81.3	80.0	78.5	76.8	75.1	73.6	71.9	70.2	68.4	66.5	64.5	62.4	60.2				
80	56.8	56.0	54.9	53.7	52.3	50.7	49.0	47.4	45.6	43.7	41.7	39.5	37.3	34.9	32.4				
85	28.6	27.9	27.1	26.1	24.9	23.6	22.1	20.7	19.2	17.5	15.7	13.8	11.8	9.68	7.41				
90	7.66	9.01	10.3	11.6	12.8	13.9	14.7	14.9	14.9	14.7	14.3	13.7	12.9	11.9	10.7				
95	21.3	24.2	27.0	29.7	32.1	34.2	36.0	36.6	36.7	36.4	35.7	34.6	33.1	31.1	28.8				
100	48.9	52.8	56.4	59.8	62.9	65.5	67.6	68.1	68.1	67.5	66.3	64.6	62.3	59.4	55.9				
105	82.5	86.7	90.7	94.4	97.6	100	102	103	103	102	100	98.1	95.2	91.7	87.5				
110	117	121	125	128	131	133	134	135	134	133	131	129	126	122	118				
115	154	158	162	165	167	169	171	171	170	169	166	164	160	156	151				
120	193	197	201	204	207	209	211	210	209	207	204	201	196	191	185				
125	230	234	238	241	243	245	247	246	246	244	242	239	235	231	226				
130	265	269	271	274	276	278	279	279	279	278	276	274	272	269	265				
135	305	309	313	316	319	321	322	322	321	320	317	314	310	306	301				
140	339	343	346	349	351	353	354	354	353	352	350	348	345	341	337				
145	375	378	382	385	388	390	391	391	390	388	386	383	380	375	371				
150	406	410	413	416	418	420	421	421	420	419	417	414	411	407	403				
155	433	436	439	442	444	445	446	446	446	445	443	441	438	435	431				
160	458	460	462	464	466	467	468	468	467	466	465	463	461	459	456				
165	477	479	481	482	483	484	485	485	485	484	483	482	480	478	476				
170	492	494	495	497	498	499	500	500	500	499	498	497	496	495	493				
175	501	502	503	504	504	505	505	505	505	504	503	502	501	500	498				
180	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474				

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

g Range: 0 - 180DEG
 Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks: