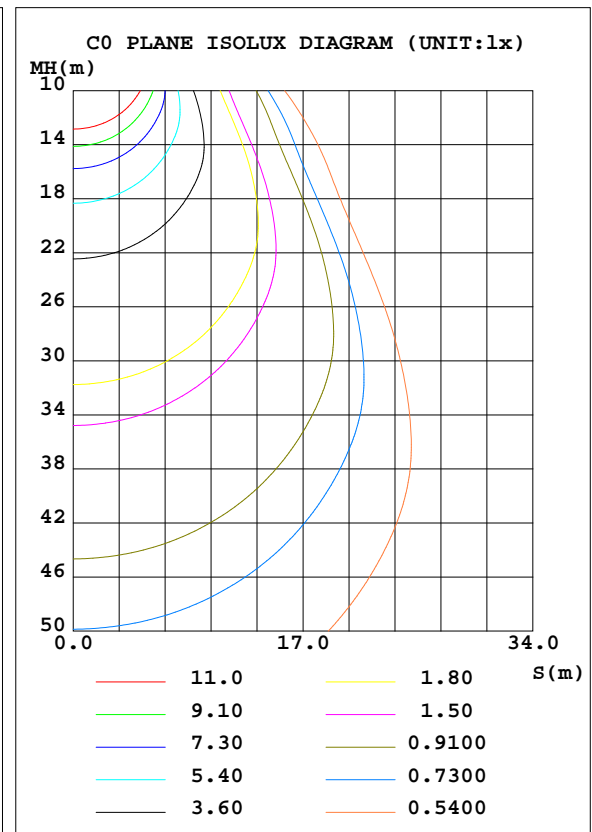
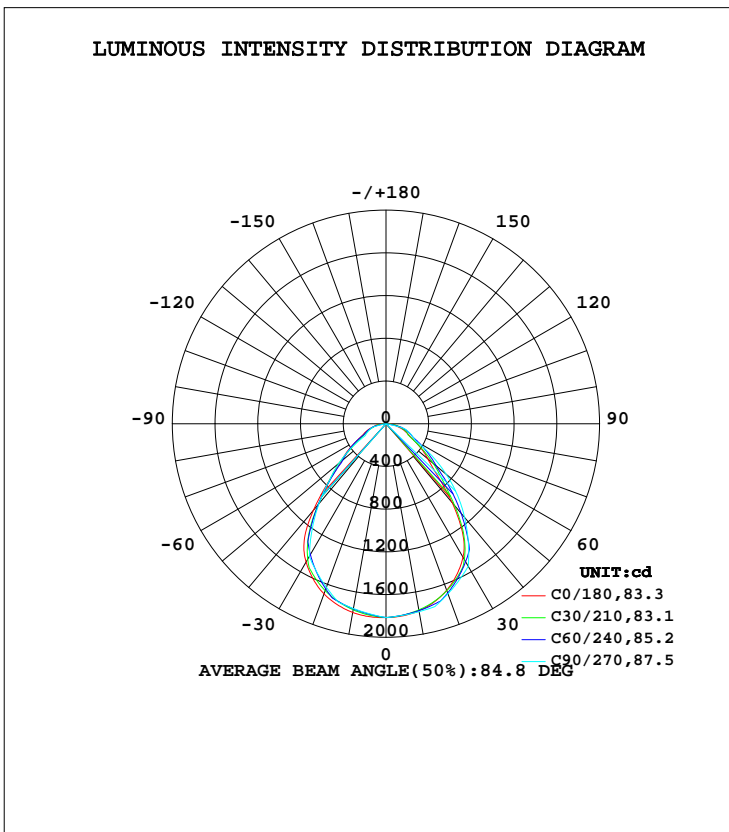


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:229.8V I:0.1570A P:34.72W PF:0.9600 Lamp Flux:3588.2x1 lm		
NAME: LED panel	TYPE:LED	WEIGHT:
SPEC.: Back-lit 36W	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 103.35 lm/W			
MODEL		I _{max} (cd)	1816	S/MH(C0/180)	1.21
NOMINAL POWER(W)	36	LOR(%)	100.0	S/MH(C90/270)	1.17
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	3588.2	η UP, DN(C0-180)	0.0,52.1
NOMINAL FLUX(lm)	3588.2	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,47.9
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	230	η down(%)	100.0	CIBSE SHR MAX	1.25



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators: Zhong ql
 Test Date:29 April 2019

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:7.580m [K=1.0000]
 Remarks:None

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
5	1805	1799	1801	1804	1813	1794	1786	1788	0- 5	43.14	43.14	1.2,1.2
10	1779	1772	1786	1785	1794	1763	1757	1751	5- 10	127.7	170.8	4.76,4.76
15	1731	1737	1772	1755	1755	1722	1728	1703	10- 15	208.0	378.8	10.6,10.6
20	1660	1691	1695	1718	1696	1671	1631	1646	15- 20	280.6	659.4	18.4,18.4
25	1564	1589	1618	1625	1609	1558	1533	1524	20- 25	339.9	999.3	27.8,27.8
30	1443	1459	1541	1504	1496	1413	1436	1370	25- 30	384.0	1383	38.6,38.6
35	1253	1294	1343	1355	1337	1230	1207	1171	30- 35	404.2	1788	49.8,49.8
40	965.0	1077	1145	1153	1058	990.3	977.3	923.8	35- 40	382.9	2170	60.5,60.5
45	675.4	827.8	947.1	897.7	751.9	764.4	748.0	714.8	40- 45	330.6	2501	69.7,69.7
50	512.4	631.8	737.2	682.7	549.6	583.8	574.3	555.8	45- 50	272.7	2774	77.3,77.3
55	400.0	478.6	527.3	520.6	431.5	435.4	400.6	415.3	50- 55	224.1	2998	83.5,83.5
60	286.9	355.0	317.4	398.5	311.3	324.0	226.9	307.2	55- 60	177.0	3175	88.5,88.5
65	225.9	255.3	272.1	286.4	234.3	231.7	194.9	221.8	60- 65	137.0	3312	92.3,92.3
70	179.4	187.5	226.8	204.3	187.3	165.3	162.9	161.2	65- 70	110.7	3423	95.4,95.4
75	122.1	145.6	181.5	151.3	132.3	126.0	130.9	125.7	70- 75	87.55	3510	97.8,97.8
80	95.94	92.67	0	92.08	100.2	79.61	0	80.41	75- 80	56.80	3567	99.4,99.4
85	51.12	0	0	0	56.59	0	0	0	80- 85	18.98	3586	99.9,99.9
90	1.250	0	0	0	0.8678	0	0	0	85- 90	2.333	3588	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 2501 lm

%lum = 69.7%

%lamp = 69.7%

Conical surface Flux(120deg): 3174.9 lm

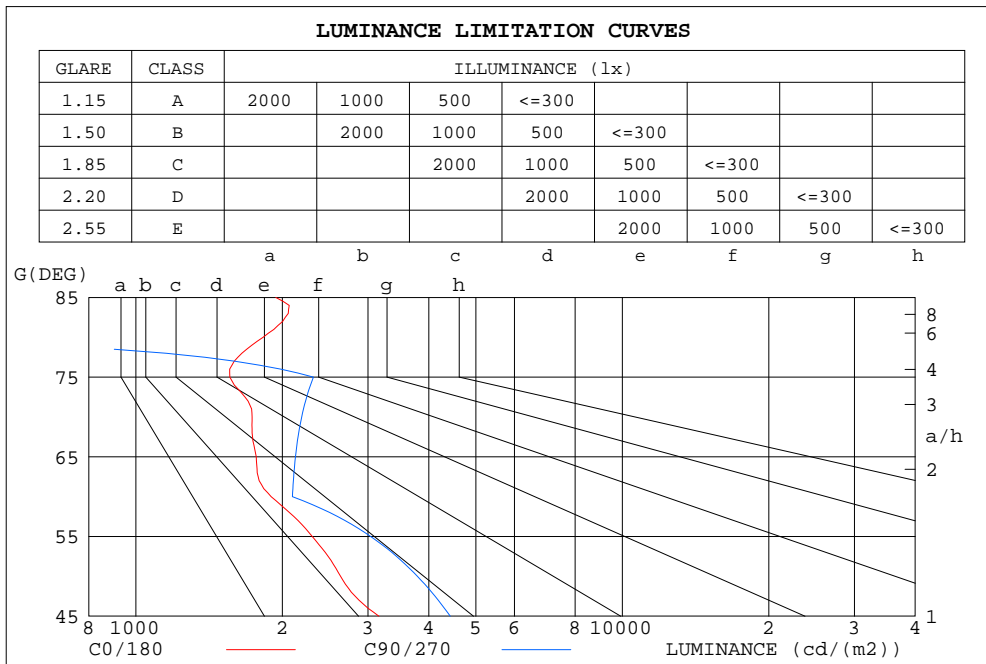
%lum = 88.5%

%lamp = 88.5%

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Zhong ql
 Test Date:29 April 2019

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:7.580m [K=1.0000]
 Remarks:None

LUMINANCE LIMITATION CURVES



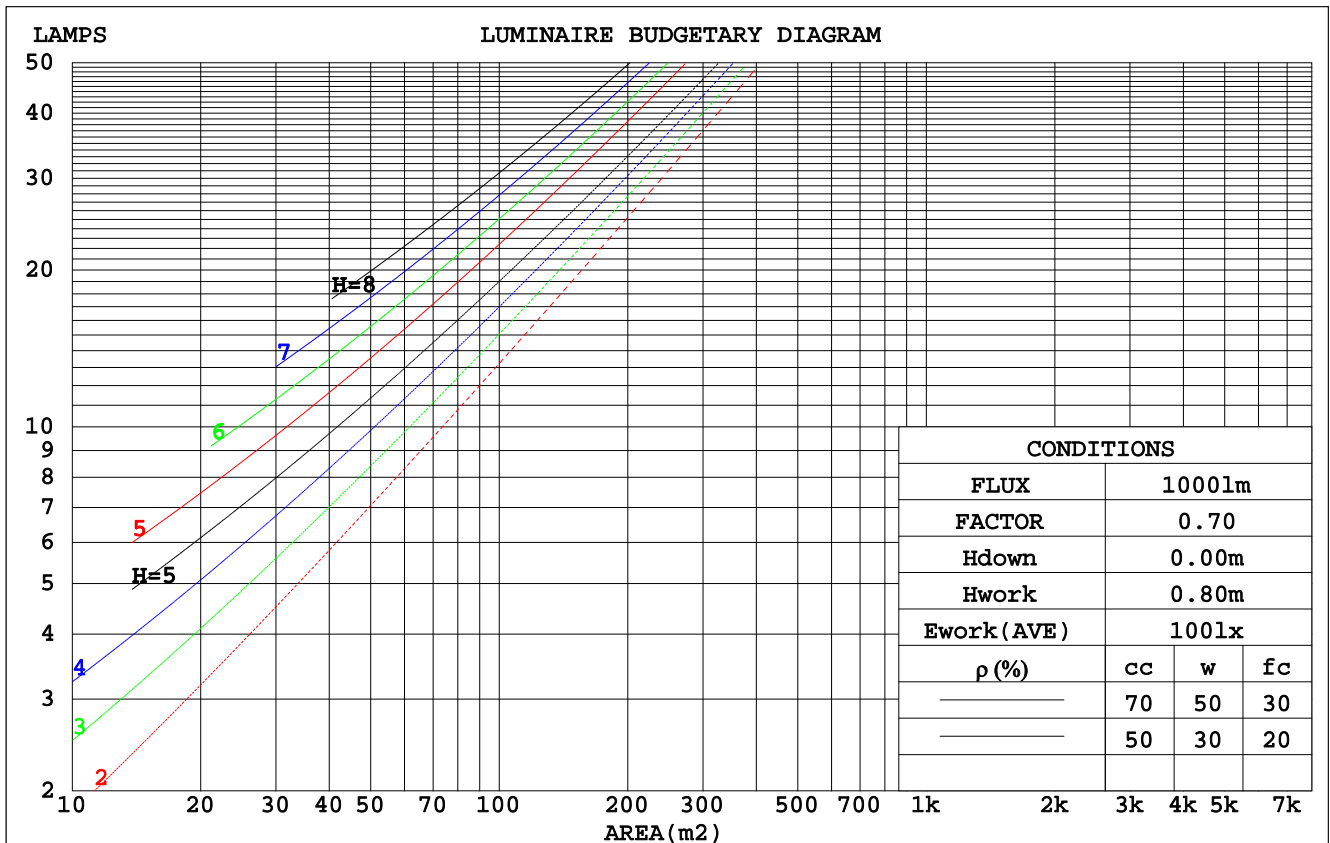
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1939	0
80	1826	0
75	1560	2318
70	1734	2192
65	1767	2128
60	1897	2098
55	2306	3039
50	2635	3791
45	3158	4428

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Zhong ql
 Test Date: 29 April 2019

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity: 65.0%
 Test Distance: 7.580m [K=1.0000]
 Remarks: None

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.07	1.03	.00	1.04	1.01	.98	1.00	.98	.95	.96	.94	.92	.93	.91	.90	.88
2.0	.95	.89	.85	.93	.88	.84	.90	.85	.82	.87	.83	.80	.84	.81	.78	.76
3.0	.85	.78	.73	.84	.77	.72	.81	.75	.71	.78	.74	.70	.76	.72	.68	.67
4.0	.77	.69	.63	.76	.69	.63	.73	.67	.62	.71	.66	.61	.69	.64	.61	.59
5.0	.70	.62	.56	.69	.61	.56	.67	.60	.55	.65	.59	.55	.63	.58	.54	.52
6.0	.64	.56	.50	.63	.55	.50	.61	.54	.49	.59	.53	.49	.58	.53	.48	.47
7.0	.58	.50	.45	.58	.50	.45	.56	.49	.44	.55	.49	.44	.53	.48	.44	.42
8.0	.54	.46	.41	.53	.46	.40	.52	.45	.40	.51	.44	.40	.49	.44	.40	.38
9.0	.50	.42	.37	.49	.42	.37	.48	.41	.37	.47	.41	.37	.46	.40	.36	.35
10.0	.46	.39	.34	.46	.39	.34	.45	.38	.34	.44	.38	.34	.43	.37	.33	.32



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Zhong ql
 Test Date: 29 April 2019

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity: 65.0%
 Test Distance: 7.580m [K=1.0000]
 Remarks: None

WEC AND CCEC

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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.256	.146	.046	.249	.142	.045	.236	.136	.043	.224	.129	.042	.213	.124	.040	
2.0	.246	.135	.041	.240	.132	.041	.229	.127	.040	.218	.123	.038	.209	.118	.037	
3.0	.232	.123	.037	.226	.121	.036	.216	.117	.036	.207	.114	.035	.199	.110	.034	
4.0	.217	.113	.033	.212	.111	.033	.204	.108	.032	.195	.105	.032	.188	.102	.031	
5.0	.203	.104	.030	.199	.102	.030	.191	.100	.029	.184	.097	.029	.177	.095	.028	
6.0	.191	.096	.027	.187	.094	.027	.180	.092	.027	.174	.090	.027	.168	.088	.026	
7.0	.179	.089	.025	.176	.088	.025	.170	.086	.025	.164	.084	.024	.159	.082	.024	
8.0	.169	.082	.023	.166	.082	.023	.160	.080	.023	.155	.079	.023	.150	.077	.022	
9.0	.159	.077	.022	.157	.076	.021	.152	.075	.021	.147	.074	.021	.143	.073	.021	
10.0	.151	.072	.020	.149	.072	.020	.144	.071	.020	.140	.069	.020	.136	.068	.020	

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.177	.157	.139	.151	.134	.119	.103	.092	.083	.059	.054	.048	.019	.017	.016	
2.0	.166	.132	.104	.142	.114	.090	.098	.079	.062	.056	.046	.037	.018	.015	.012	
3.0	.157	.114	.080	.135	.098	.069	.092	.068	.048	.053	.040	.029	.017	.013	.009	
4.0	.149	.100	.063	.128	.087	.055	.088	.060	.039	.051	.035	.023	.016	.012	.008	
5.0	.141	.090	.051	.121	.077	.045	.084	.054	.031	.048	.032	.019	.016	.010	.006	
6.0	.134	.081	.042	.116	.070	.037	.080	.049	.026	.046	.029	.016	.015	.009	.005	
7.0	.128	.074	.036	.110	.064	.031	.076	.045	.022	.044	.026	.013	.014	.009	.004	
8.0	.122	.068	.031	.105	.059	.027	.073	.041	.019	.042	.024	.011	.014	.008	.004	
9.0	.116	.063	.027	.100	.055	.023	.069	.038	.017	.040	.023	.010	.013	.007	.003	
10.0	.111	.059	.024	.096	.051	.021	.066	.036	.015	.039	.021	.009	.013	.007	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Zhong ql
 Test Date:29 April 2019

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:7.580m [K=1.0000]
 Remarks:None

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	15.0	16.4	15.3	16.5	16.7	16.2	17.6	16.5	17.8	18.0
3H	15.9	17.2	16.2	17.4	17.6	17.3	18.5	17.5	18.7	18.9
4H	16.4	17.6	16.7	17.8	18.0	17.7	18.9	18.0	19.1	19.3
6H	16.8	17.9	17.1	18.1	18.4	17.7	18.8	18.0	19.1	19.3
8H	17.0	18.0	17.3	18.3	18.6	17.7	18.7	18.0	19.0	19.3
12H	17.1	18.1	17.5	18.4	18.7	17.6	18.6	18.0	18.9	19.2
4H 2H	15.4	16.6	15.7	16.8	17.1	16.5	17.6	16.8	17.9	18.1
3H	16.5	17.6	16.9	17.8	18.1	17.7	18.7	18.1	19.0	19.3
4H	17.2	18.1	17.5	18.4	18.7	18.3	19.2	18.7	19.6	19.9
6H	17.8	18.6	18.2	18.9	19.3	18.4	19.2	18.8	19.6	19.9
8H	18.0	18.8	18.4	19.2	19.5	18.4	19.1	18.8	19.5	19.8
12H	18.2	18.9	18.6	19.3	19.7	18.3	19.0	18.7	19.4	19.8
8H 4H	17.5	18.3	17.9	18.6	19.0	18.5	19.3	18.9	19.6	20.0
6H	18.3	18.9	18.7	19.3	19.8	18.6	19.3	19.1	19.7	20.1
8H	18.7	19.3	19.2	19.7	20.1	18.6	19.1	19.1	19.6	20.0
12H	19.0	19.5	19.5	19.9	20.4	18.6	19.0	19.0	19.5	19.9
12H 4H	17.5	18.2	17.9	18.5	18.9	18.5	19.2	18.9	19.6	20.0
6H	18.3	18.9	18.8	19.3	19.7	18.7	19.2	19.1	19.6	20.1
8H	18.7	19.2	19.2	19.6	20.1	18.6	19.1	19.1	19.5	20.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.6					+ 0.5 / - 0.5				
1.5H	+ 0.3 / - 0.3					+ 0.3 / - 0.3				
2.0H	+ 0.6 / - 0.7					+ 1.0 / - 1.0				

CIE Pub.117 Corrected 3588 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.4)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Zhong ql
Test Date:29 April 2019

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:None

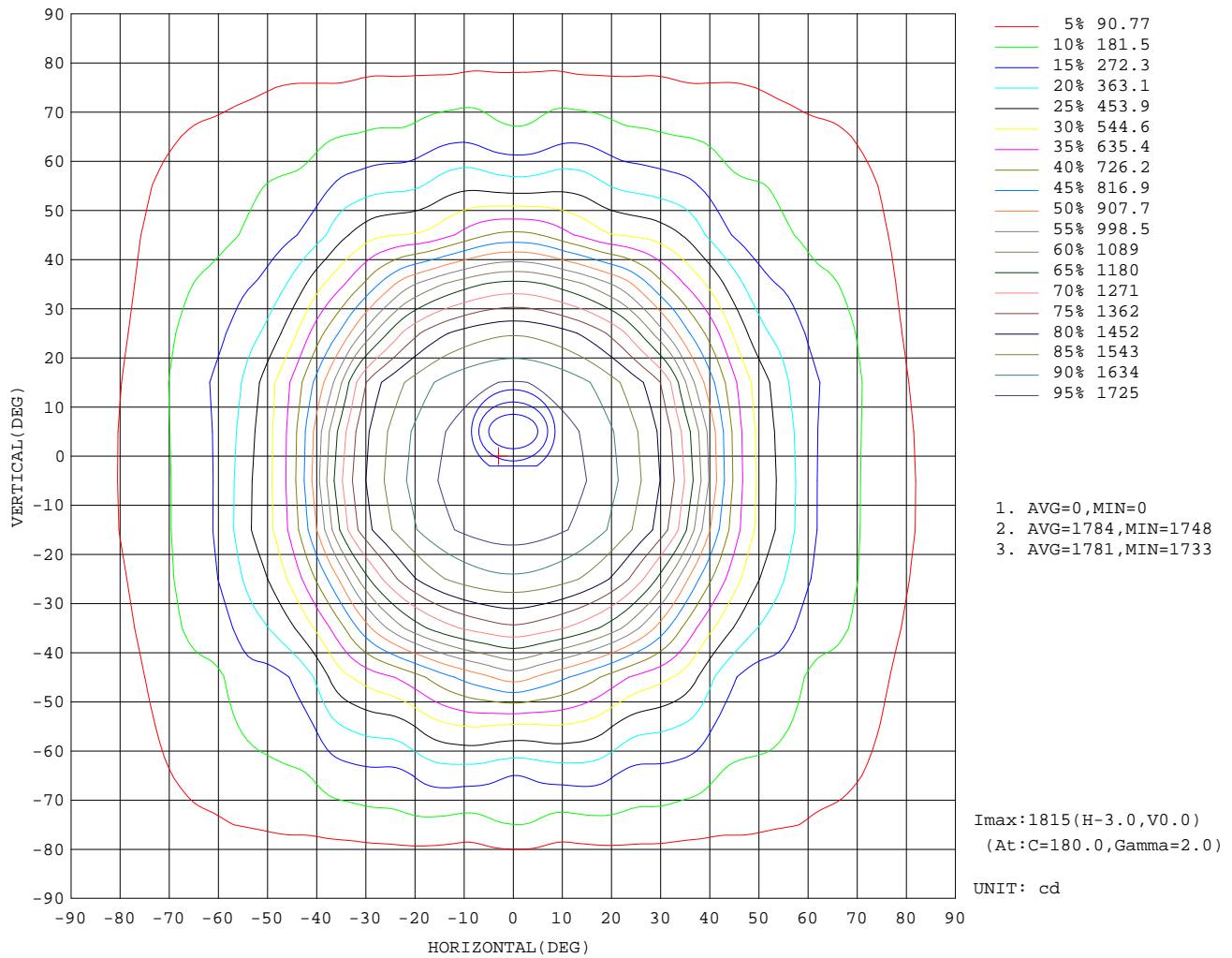
UTILIZATION FACTORS TABLE

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) $k(RI) \times RCR = 5$									
$k = 0.60$	67	57	51	66	57	51	65	56	51	45
0.80	77	67	61	76	66	61	74	66	60	54
1.00	84	75	69	83	74	69	81	75	68	62
1.25	90	82	76	89	81	76	87	80	75	69
1.50	95	87	81	93	86	81	90	84	79	73
2.00	100	93	88	99	92	87	95	90	86	79
2.50	103	97	92	101	96	91	98	93	89	82
3.00	106	100	96	104	99	95	100	96	93	85
4.00	109	105	101	107	103	99	103	100	97	89
5.00	111	107	104	109	105	102	104	102	99	91
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: HIGH
 Temperature:25.3DEG
 Operators:Zhong ql
 Test Date:29 April 2019

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:7.580m [K=1.0000]
 Remarks:None

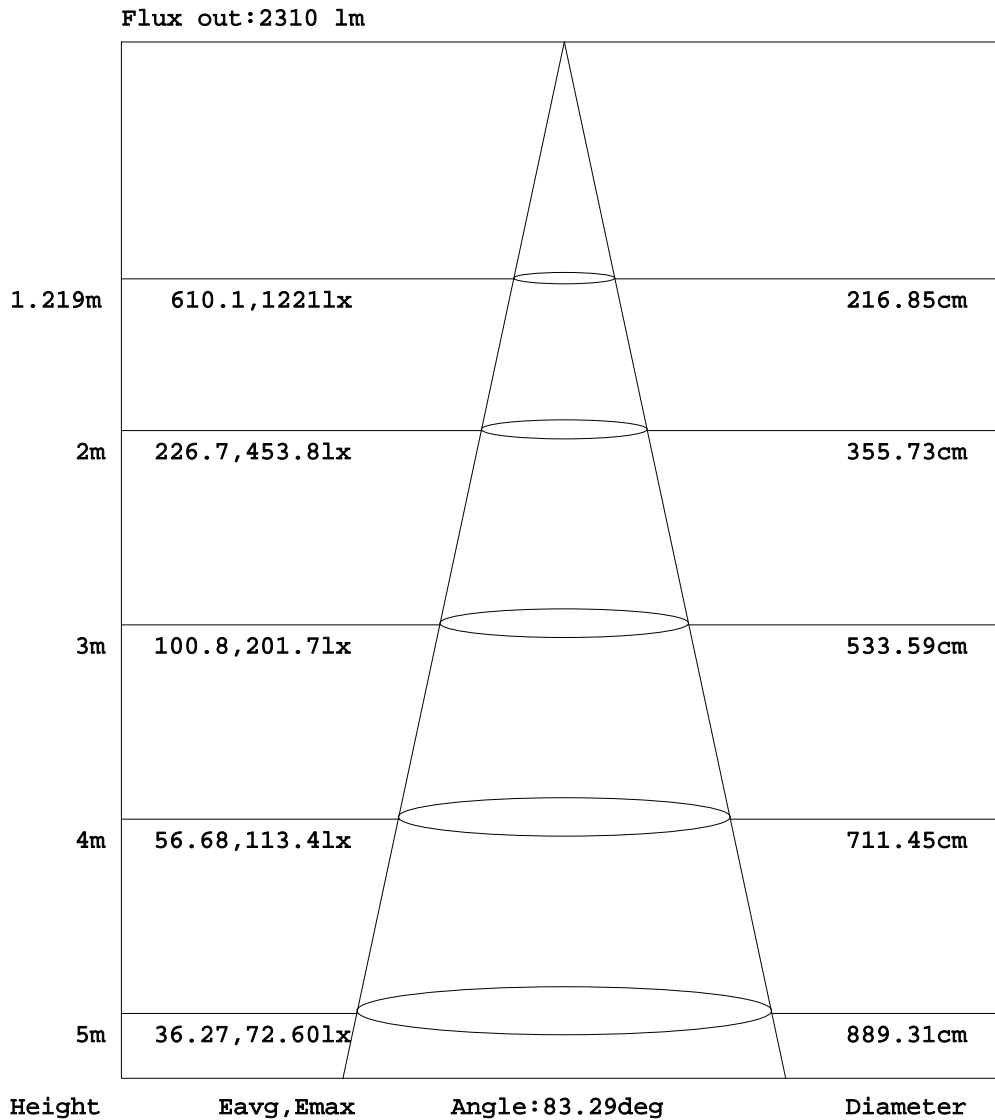
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Zhong ql
 Test Date:29 April 2019

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:7.580m [K=1.0000]
 Remarks:None

AAI Figure

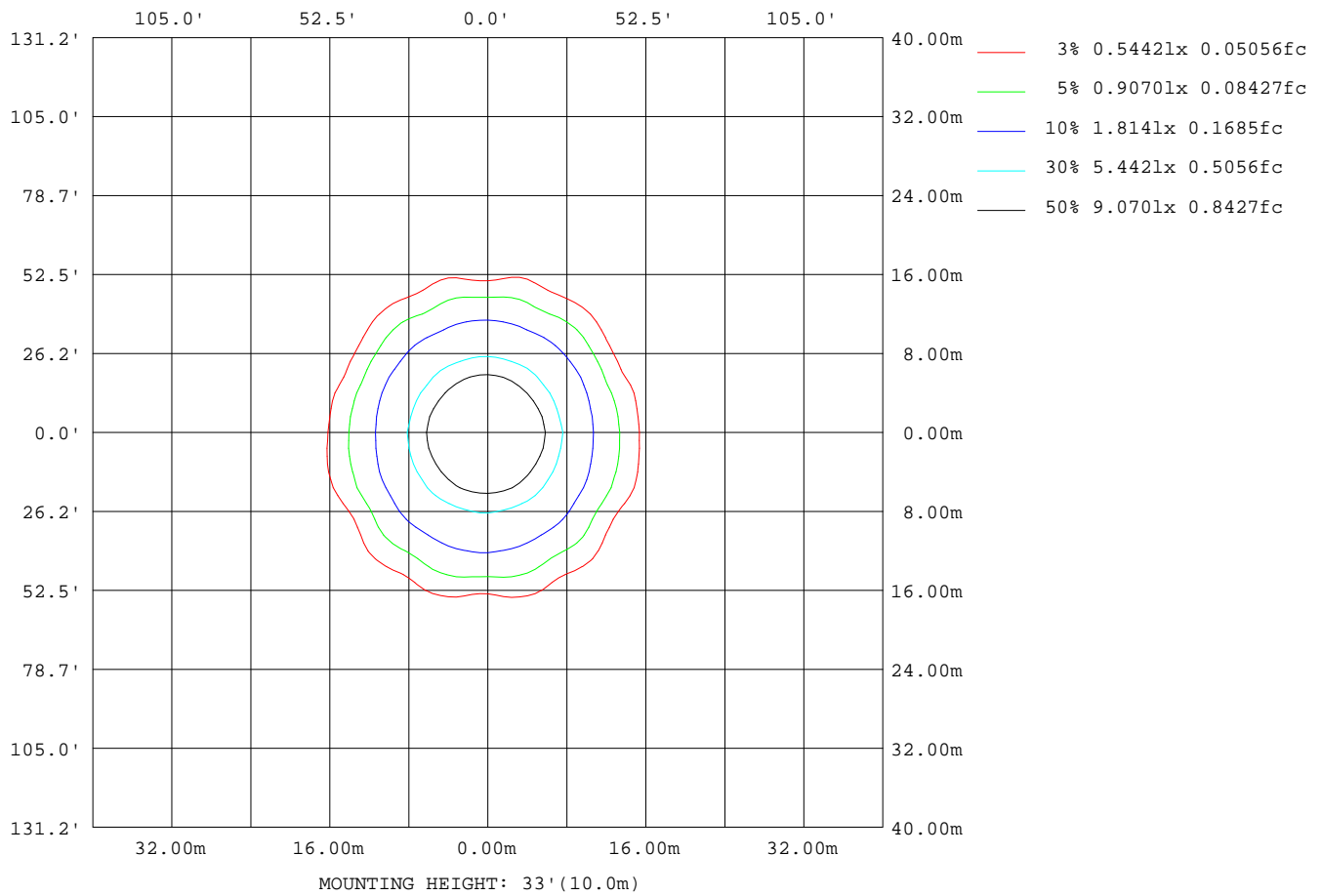


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Zhong ql
 Test Date: 29 April 2019

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity: 65.0%
 Test Distance: 7.580m [K=1.0000]
 Remarks: None

ISOLUX DIAGRAM



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Zhong ql
 Test Date: 29 April 2019

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity: 65.0%
 Test Distance: 7.580m [K=1.0000]
 Remarks: None

LED Avg.L Report

Test:U:229.8V I:0.1570A P:34.72W PF:0.9600 Lamp Flux:3588.2x1 lm		
NAME: 面板灯	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.:	SUR.:	Shielding Angle:

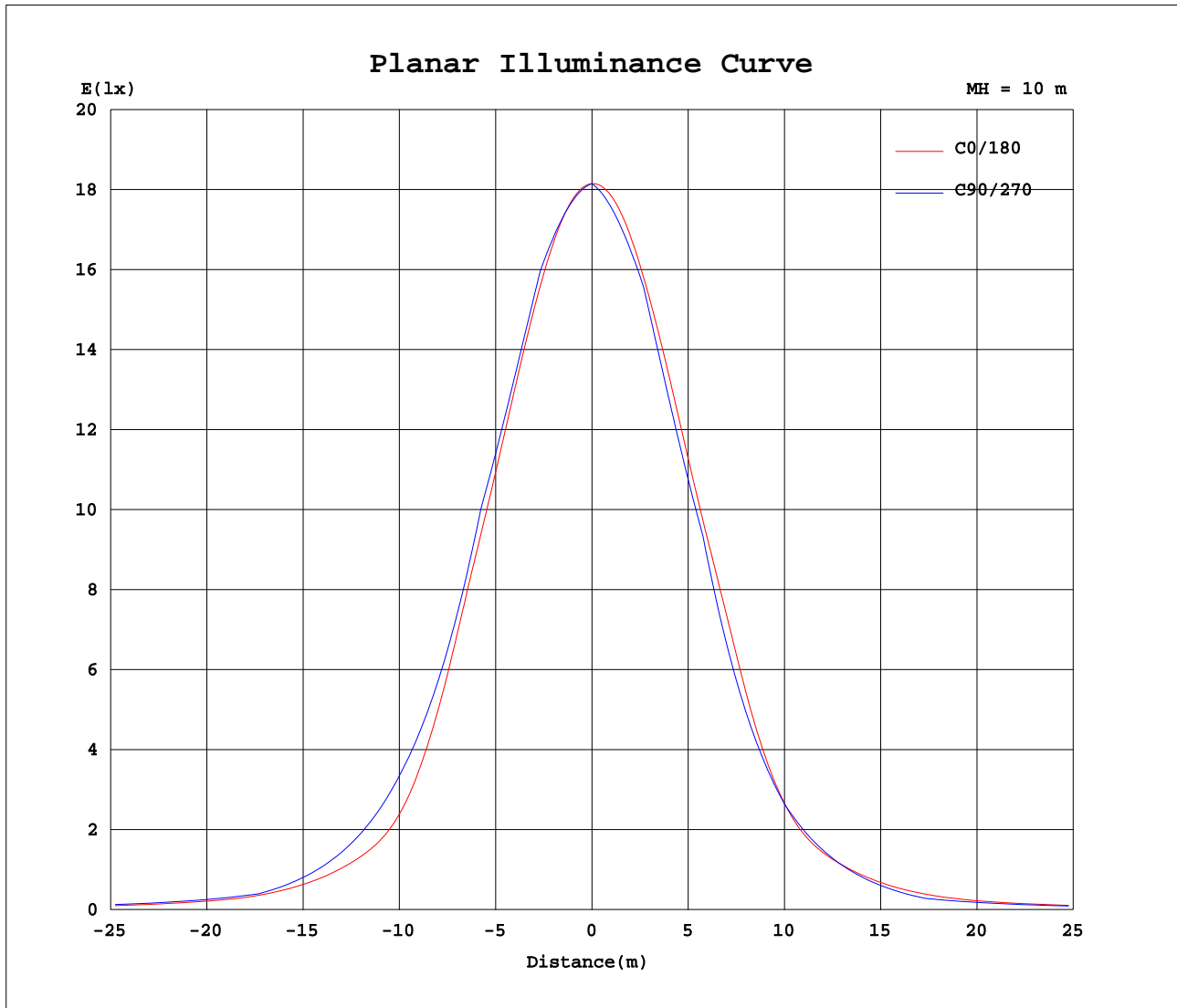
AvgL	cd/m2
L_0~180(65)av	1800
L_0~180(75)av	1625
L_0~180(85)av	2043
L_90~270(65)av	1826
L_90~270(75)av	1994
L_90~270(85)av	0
L_45(65)av	1946
L_45(75)av	1752
L_45(85)av	0

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Zhong ql
 Test Date:29 April 2019

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:7.580m [K=1.0000]
 Remarks:None

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Zhong ql
 Test Date: 29 April 2019

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity: 65.0%
 Test Distance: 7.580m [K=1.0000]
 Remarks: None

LUMINOUS DISTRIBUTION INTENSITY DATA

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	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815
5	1805	1804	1803	1802	1801	1800	1799	1799	1799	1799	1798	1799	1799	1799	1799	1800	1800	1800	1801
10	1779	1776	1774	1772	1771	1770	1770	1771	1771	1772	1774	1775	1777	1779	1780	1782	1784	1785	1786
15	1731	1727	1724	1722	1722	1724	1726	1729	1733	1737	1741	1745	1749	1754	1758	1763	1767	1770	1772
20	1660	1654	1651	1651	1653	1658	1664	1672	1681	1691	1693	1690	1687	1686	1687	1688	1691	1693	1695
25	1564	1557	1554	1556	1562	1571	1583	1597	1591	1589	1589	1591	1594	1598	1602	1606	1611	1615	1618
30	1443	1434	1433	1439	1451	1468	1467	1454	1452	1459	1469	1480	1492	1503	1513	1523	1531	1537	1541
35	1253	1234	1232	1248	1280	1288	1270	1264	1271	1294	1326	1355	1345	1333	1325	1321	1323	1332	1343
40	965	946	947	966	992	993	1000	1013	1040	1077	1094	1099	1094	1089	1088	1091	1101	1121	1145
45	675	674	689	719	732	745	752	754	790	828	845	845	841	841	847	858	877	909	947
50	512	514	526	539	547	566	578	580	603	632	639	620	614	639	669	691	707	719	737
55	400	404	422	424	424	429	415	413	435	479	495	491	481	499	533	548	549	534	527
60	287	294	310	320	330	316	286	265	300	355	385	380	359	361	401	411	396	354	317
65	226	229	237	247	235	236	225	218	227	255	285	278	268	266	306	320	309	292	272
70	179	184	196	194	166	171	191	198	189	188	215	221	219	213	234	239	227	229	227
75	122	128	142	142	142	147	149	156	153	146	157	164	167	163	168	160	144	164	181
80	95.9	95.2	89.6	99.6	107	107	106	108	111	92.7	72.0	57.0	44.1	30.2	19.7	10.5	4.24	1.21	0.00
85	51.1	37.4	48.7	60.1	56.0	25.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Zhong ql
 Test Date: 29 April 2019

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity: 65.0%
 Test Distance: 7.580m [K=1.0000]
 Remarks: None

LUMINOUS DISTRIBUTION INTENSITY DATA

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	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815
5	1801	1801	1802	1802	1803	1803	1803	1804	1804	1805	1805	1806	1807	1808	1809	1810	1811	1813	1810
10	1787	1787	1787	1787	1787	1786	1785	1785	1785	1784	1784	1785	1785	1786	1787	1789	1792	1794	1789
15	1773	1773	1771	1769	1766	1763	1761	1758	1755	1753	1751	1749	1747	1747	1747	1748	1751	1755	1747
20	1697	1698	1699	1700	1702	1706	1711	1717	1718	1711	1704	1697	1692	1689	1687	1688	1691	1696	1685
25	1620	1620	1620	1619	1618	1618	1619	1621	1625	1630	1639	1626	1616	1607	1602	1600	1603	1609	1595
30	1543	1542	1539	1533	1528	1522	1515	1509	1504	1502	1506	1520	1521	1507	1496	1490	1490	1496	1480
35	1344	1340	1342	1350	1364	1381	1398	1377	1355	1337	1332	1343	1368	1369	1342	1326	1324	1337	1299
40	1141	1124	1118	1119	1124	1133	1146	1155	1153	1126	1105	1095	1097	1107	1077	1049	1043	1058	1021
45	935	904	890	882	877	879	890	899	898	872	826	819	818	812	802	768	750	752	741
50	734	727	718	701	672	648	653	679	683	659	630	624	615	599	590	570	553	550	549
55	538	561	566	558	529	506	515	523	521	487	453	451	466	460	459	465	443	431	421
60	345	401	419	420	388	374	399	410	398	336	294	312	338	360	353	342	321	311	313
65	287	314	325	322	284	276	294	306	286	246	234	232	260	259	265	250	239	234	250
70	230	230	242	245	224	225	231	232	204	197	201	203	188	174	202	206	194	187	202
75	172	145	160	173	169	169	168	167	151	156	160	155	150	145	150	151	141	132	141
80	1.28	4.25	10.6	20.2	31.1	44.0	57.5	74.0	92.1	112	110	109	109	108	103	92.1	95.8	100	92.3
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.5	59.2	59.9	47.9	40.7	56.6	53.9
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.00

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Zhong ql
 Test Date:29 April 2019

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:7.580m [K=1.0000]
 Remarks:None

LUMINOUS DISTRIBUTION INTENSITY DATA

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	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815
5	1808	1805	1803	1801	1799	1797	1795	1794	1792	1791	1790	1789	1788	1788	1787	1786	1786	1786	1786
10	1784	1779	1775	1772	1769	1767	1765	1763	1762	1761	1760	1760	1759	1759	1758	1758	1757	1756	1755
15	1740	1734	1730	1726	1724	1722	1722	1722	1722	1723	1724	1726	1727	1728	1729	1729	1728	1727	1724
20	1676	1669	1665	1664	1663	1665	1668	1671	1666	1656	1647	1641	1637	1635	1634	1632	1631	1629	1627
25	1586	1581	1578	1580	1584	1590	1572	1558	1549	1542	1536	1533	1532	1532	1534	1534	1533	1530	1525
30	1471	1469	1473	1480	1466	1436	1420	1413	1411	1413	1416	1419	1423	1427	1433	1436	1436	1431	1422
35	1279	1279	1300	1298	1260	1231	1219	1230	1248	1265	1250	1232	1217	1211	1209	1209	1207	1202	1196
40	1002	996	996	990	987	978	972	990	1012	1008	987	972	964	966	974	979	977	971	957
45	748	764	757	755	747	733	744	764	775	768	737	710	707	716	736	748	748	739	715
50	563	568	552	556	571	570	574	584	589	561	529	518	539	564	579	578	574	573	565
55	426	411	392	387	397	406	414	435	447	442	420	409	427	445	439	412	401	411	434
60	315	311	297	282	280	272	290	324	337	330	310	297	318	332	305	247	227	253	310
65	250	239	226	215	215	214	212	232	243	225	221	216	241	259	249	208	195	213	251
70	199	185	163	158	166	175	161	165	182	179	178	171	183	194	195	171	163	175	194
75	142	131	135	131	123	133	131	126	131	131	135	128	130	129	139	132	131	135	135
80	95.1	101	100	95.3	91.3	90.4	93.5	79.6	58.9	44.6	35.7	23.6	15.1	8.45	4.10	0.99	0.00	1.01	3.98
85	56.2	55.7	51.1	22.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Zhong ql
 Test Date: 29 April 2019

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity: 65.0%
 Test Distance: 7.580m [K=1.0000]
 Remarks: None

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--4

UNIT: cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815	1815				
5	1786	1786	1786	1786	1787	1787	1788	1789	1791	1792	1794	1796	1798	1800	1803				
10	1754	1753	1753	1752	1751	1751	1751	1752	1753	1755	1757	1760	1764	1768	1773				
15	1721	1718	1714	1710	1708	1705	1703	1702	1702	1702	1703	1706	1710	1716	1722				
20	1625	1625	1626	1629	1635	1643	1646	1640	1635	1632	1631	1631	1634	1640	1649				
25	1520	1516	1514	1514	1515	1518	1524	1535	1552	1543	1537	1535	1536	1541	1550				
30	1413	1404	1396	1387	1378	1372	1370	1372	1387	1416	1429	1418	1411	1413	1424				
35	1192	1196	1205	1215	1223	1198	1171	1159	1168	1191	1210	1197	1179	1186	1211				
40	944	943	946	957	969	955	924	907	912	910	911	917	915	918	933				
45	693	687	691	717	734	731	715	702	696	705	701	693	690	672	666				
50	548	524	507	517	542	557	556	546	540	530	511	503	513	512	506				
55	436	415	402	410	425	429	415	392	378	370	356	362	385	396	390				
60	329	311	293	303	316	326	307	274	254	260	270	291	295	300	294				
65	256	237	217	215	219	234	222	203	204	207	207	217	229	239	239				
70	191	180	172	174	174	176	161	160	173	159	155	159	180	190	188				
75	128	127	129	133	127	129	126	129	129	121	131	132	126	134	126				
80	8.38	14.7	23.8	34.9	43.1	59.4	80.4	90.5	87.9	87.9	94.2	98.0	95.4	88.5	86.8				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.8	49.8	54.9	55.1	49.2				
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Zhong ql
Test Date: 29 April 2019

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 7.580m [K=1.0000]
Remarks: None