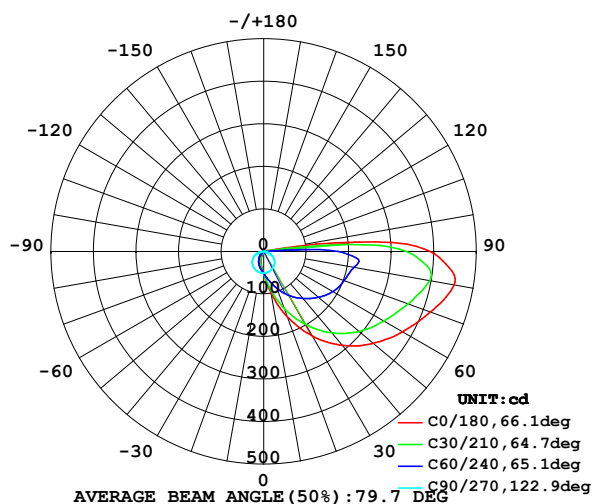


LUMINAIRE PHOTOMETRIC TEST REPORT

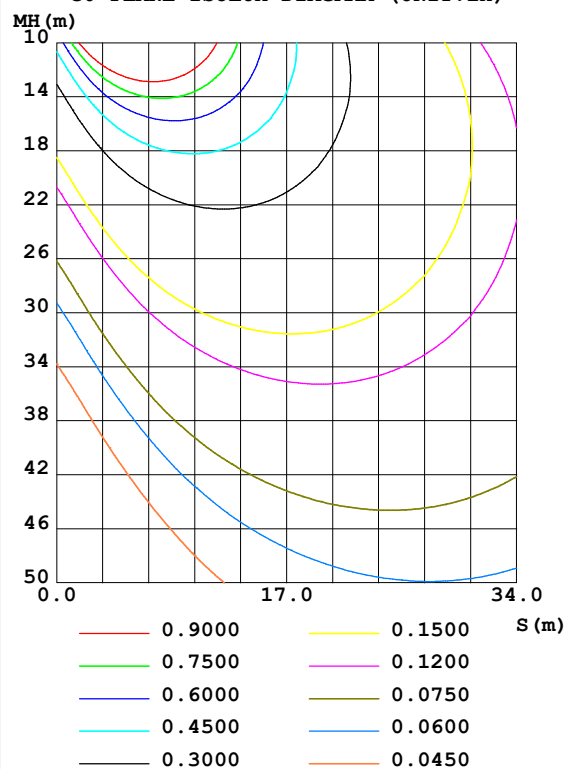
Test:U:12.00V I:0.8370A P:10.04W PF:1.000 Lamp Flux:816.883x1 lm		
NAME: EKF4196SV	SUR.:1*0.08	SERIAL No.:
MFR.: LEDIA		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 81.33 lm/W			
MODEL	EKF4196SV	I _{max} (cd)	455.3	S/MH (C0/180)	0.51
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.33
RATED VOLTAGE (V)	12	TOTAL FLUX (lm)	816.88	η UP, DN (C0-180)	5.0, 50.4
NOMINAL FLUX (lm)	816.883	CIE CLASS	DIRECT	η UP, DN (C180-360)	3.8, 40.8
LAMPS INSIDE	1	η up (%)	8.8	CIBSE SHR NOM	0.00
TEST VOLTAGE (V)	12	η down (%)	91.2	CIBSE SHR MAX	1.15

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.7DEG
 Operators: Hu Cong
 Test Date: 2021-06-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 54.2%
 Test Distance: 10.149m [K=1.0000]
 Remarks:

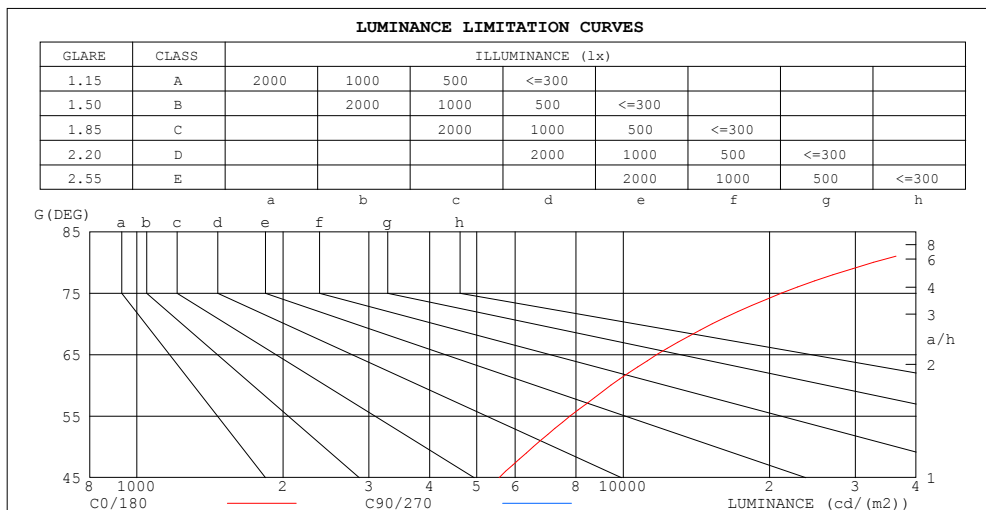
Checker: Hucong

Assessor: Chunbo Zhou

ZONAL FLUX DIAGRAM AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	97.87	79.30	50.32	38.50	34.53	38.63	50.81	80.65	0- 10	5.288	5.288	0.65,0.65
20	163.8	120.1	47.92	27.10	19.21	27.31	49.03	123.8	10- 20	18.77	24.06	2.95,2.95
30	229.7	162.7	44.24	15.80	8.351	15.83	45.83	168.6	20- 30	37.07	61.13	7.48,7.48
40	288.3	203.9	39.50	9.129	6.155	8.694	41.21	211.5	30- 40	59.70	120.8	14.8,14.8
50	336.2	239.8	33.21	7.074	4.705	6.669	35.28	248.9	40- 50	84.68	205.5	25.2,25.2
60	377.5	267.6	25.57	5.292	3.315	4.811	28.02	278.1	50- 60	108.7	314.2	38.5,38.5
70	417.2	291.0	16.78	3.541	2.244	3.130	19.49	304.0	60- 70	130.1	444.3	54.4,54.4
80	454.5	321.0	6.096	2.196	1.835	1.897	9.840	333.9	70- 80	148.9	593.2	72.6,72.6
90	391.5	267.5	0.0061	1.209	1.328	1.060	0.6150	281.5	80- 90	151.8	745.0	91.2,91.2
100	50.76	3.927	0.0238	1.037	1.447	0.8577	0.0060	4.110	90-100	67.90	812.9	99.5,99.5
110	1.754	0.2138	0.0417	1.012	1.466	0.9768	0.0477	0.3576	100-110	2.199	815.1	99.8,99.8
120	0.4471	0.0296	0.0417	0.9054	1.364	0.9417	0.1014	0.2546	110-120	0.5743	815.7	99.9,99.9
130	0.3897	0.0298	0.0477	0.8159	1.256	0.8521	0.1640	0.2469	120-130	0.4407	816.1	99.9,99.9
140	0.3814	0.0595	0.0714	0.6851	1.024	0.6971	0.1669	0.2391	130-140	0.3413	816.5	99.9,99.9
150	0.2624	0.0357	0.1073	0.4999	0.8041	0.5543	0.1737	0.1906	140-150	0.2252	816.7	100,100
160	0.2144	0.0894	0.1346	0.3275	0.5895	0.4230	0.1618	0.1541	150-160	0.1282	816.8	100,100
170	0.0596	0.1609	0.1360	0.2144	0.3679	0.3039	0.1660	0.1475	160-170	0.0615	816.9	100,100
180	0.2442	0.1846	0.1370	0.1668	0.2144	0.1966	0.1668	0.1430	170-180	0.0173	816.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	62694	251
80	32720	439
75	21170	553
70	15248	613
65	11741	632
60	9439	639
55	7787	641
50	6539	646
45	5557	645

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.7DEG
 Operators: Hu Cong
 Test Date: 2021-06-08

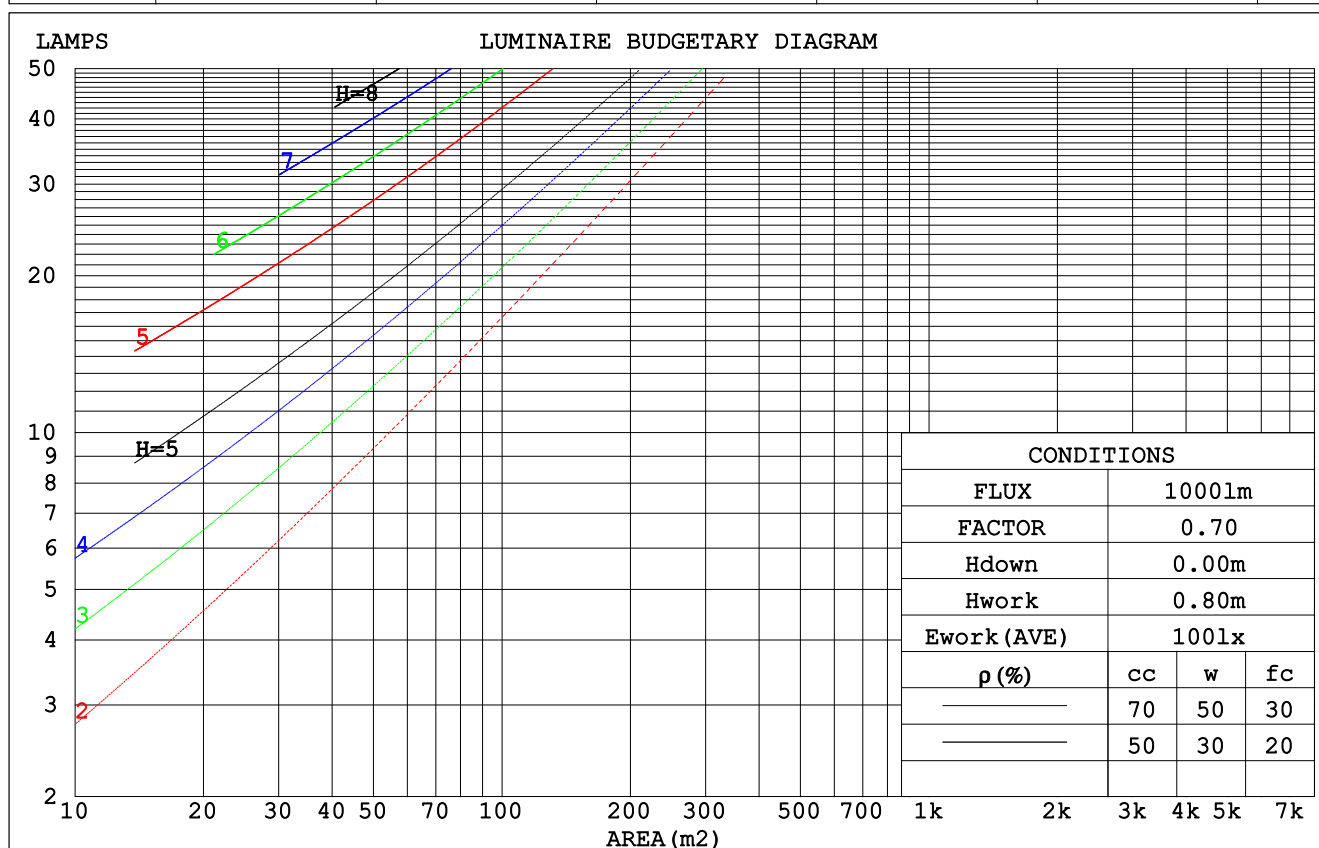
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 54.2%
 Test Distance: 10.149m [K=1.0000]
 Remarks:

Checker: Hucong

Assessor: Chunbo Zhou

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

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						Coefficients of Utilization(CU)									
0.0	1.17	1.17	1.17	1.13	1.13	1.13	1.06	1.06	1.06	.00	.00	.00	.94	.94	.94	.91
1.0	.89	.81	.74	.85	.78	.72	.79	.73	.68	.73	.69	.64	.68	.64	.61	.57
2.0	.72	.62	.53	.70	.60	.52	.64	.56	.49	.59	.52	.46	.55	.49	.44	.41
3.0	.61	.49	.40	.58	.48	.39	.54	.45	.37	.49	.42	.35	.46	.39	.34	.30
4.0	.52	.41	.32	.50	.39	.31	.46	.37	.29	.42	.34	.28	.39	.32	.27	.24
5.0	.45	.34	.26	.44	.33	.25	.40	.31	.24	.37	.29	.23	.34	.27	.22	.19
6.0	.40	.29	.21	.39	.28	.21	.36	.27	.20	.33	.25	.19	.31	.24	.18	.15
7.0	.36	.25	.18	.35	.25	.18	.32	.23	.17	.30	.22	.16	.27	.21	.15	.13
8.0	.32	.22	.16	.31	.22	.15	.29	.21	.15	.27	.19	.14	.25	.18	.13	.11
9.0	.29	.20	.14	.28	.19	.13	.26	.18	.13	.25	.17	.12	.23	.16	.12	.09
10.0	.27	.18	.12	.26	.17	.12	.24	.17	.11	.23	.16	.11	.21	.15	.10	.08



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.7DEG
 Operators: Hu Cong
 Test Date: 2021-06-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 54.2%
 Test Distance: 10.149m [K=1.0000]
 Remarks:

Checker: Hucong

Assessor: Chunbo Zhou

WEC AND CCEC

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	.558	.317	.100	.547	.312	.099	.528	.303	.097	.510	.294	.094	.494	.286	.092	
2.0	.444	.243	.075	.435	.239	.074	.417	.232	.072	.401	.225	.070	.386	.218	.069	
3.0	.375	.200	.060	.367	.196	.059	.351	.190	.058	.336	.184	.056	.322	.179	.055	
4.0	.326	.169	.050	.318	.167	.049	.304	.161	.048	.291	.156	.047	.279	.151	.046	
5.0	.289	.147	.043	.282	.145	.042	.269	.140	.041	.257	.136	.040	.246	.131	.039	
6.0	.259	.130	.037	.253	.128	.037	.241	.124	.036	.231	.120	.035	.221	.116	.034	
7.0	.235	.116	.033	.230	.114	.033	.219	.111	.032	.209	.107	.031	.200	.104	.031	
8.0	.215	.105	.030	.210	.104	.029	.201	.100	.029	.192	.097	.028	.184	.094	.027	
9.0	.198	.096	.027	.194	.095	.027	.185	.092	.026	.177	.089	.025	.170	.086	.025	
10.0	.184	.088	.024	.180	.087	.024	.172	.084	.024	.165	.082	.023	.158	.079	.023	

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	.258	.258	.258	.220	.220	.220	.150	.150	.150	.086	.086	.086	.028	.028	.028	
1.0	.265	.222	.182	.227	.190	.157	.155	.131	.109	.089	.076	.063	.029	.024	.020	
2.0	.261	.199	.148	.223	.172	.128	.153	.119	.089	.088	.069	.052	.028	.022	.017	
3.0	.253	.183	.128	.217	.158	.111	.149	.110	.078	.086	.064	.046	.028	.021	.015	
4.0	.245	.171	.116	.210	.148	.100	.144	.103	.071	.083	.060	.042	.027	.020	.014	
5.0	.236	.162	.107	.202	.140	.093	.139	.098	.066	.081	.057	.039	.026	.019	.013	
6.0	.227	.154	.102	.195	.133	.089	.135	.093	.063	.078	.055	.037	.025	.018	.012	
7.0	.218	.147	.098	.188	.128	.085	.130	.090	.060	.075	.053	.036	.024	.017	.012	
8.0	.211	.142	.094	.181	.123	.082	.125	.086	.058	.073	.051	.035	.024	.017	.012	
9.0	.203	.137	.092	.175	.119	.080	.121	.083	.057	.071	.049	.034	.023	.016	.011	
10.0	.196	.132	.090	.169	.115	.078	.118	.081	.056	.069	.048	.033	.022	.016	.011	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:24.7DEG
 Operators:Hu Cong
 Test Date:2021-06-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:54.2%
 Test Distance:10.149m [K=1.0000]
 Remarks:

Checker: Hucong

Assessor: Chunbo Zhou

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	23.0	24.8	23.4	25.2	25.6	16.1	17.9	16.5	18.3	18.7
3H	26.9	28.6	27.4	29.0	29.5	17.8	19.5	18.3	19.9	20.4
4H	29.1	30.7	29.6	31.2	31.7	18.6	20.2	19.1	20.7	21.1
6H	31.5	33.1	32.0	33.5	34.0	19.2	20.8	19.7	21.2	21.7
8H	32.8	34.3	33.3	34.8	35.3	19.4	20.9	19.9	21.4	21.9
12H	34.2	35.7	34.7	36.1	36.7	19.6	21.0	20.1	21.5	22.1
4H 2H	23.6	25.2	24.1	25.7	26.2	19.9	21.5	20.4	21.9	22.4
3H	27.9	29.3	28.4	29.8	30.3	22.1	23.6	22.6	24.1	24.6
4H	30.3	31.6	30.8	32.1	32.7	23.2	24.6	23.7	25.1	25.6
6H	32.9	34.2	33.5	34.7	35.3	24.1	25.3	24.6	25.9	26.5
8H	34.3	35.5	34.9	36.1	36.7	24.4	25.6	25.0	26.1	26.8
12H	35.9	37.0	36.4	37.5	38.1	24.7	25.8	25.2	26.3	27.0
8H 4H	30.7	31.9	31.3	32.5	33.1	26.2	27.3	26.7	27.9	28.5
6H	33.7	34.8	34.3	35.3	36.0	27.8	28.8	28.3	29.4	30.0
8H	35.4	36.3	36.0	36.9	37.6	28.5	29.4	29.0	30.0	30.6
12H	37.2	38.0	37.8	38.6	39.3	29.0	29.8	29.6	30.4	31.1
12H 4H	30.8	31.9	31.4	32.5	33.1	27.1	28.2	27.7	28.8	29.4
6H	33.9	34.9	34.5	35.5	36.1	29.1	30.1	29.7	30.6	31.3
8H	35.7	36.6	36.3	37.2	37.8	30.1	31.0	30.7	31.6	32.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.2				
2.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.3				

CIE Pub.117 Corrected 816.9 lm Total Lamp Luminous Flux. (8log(F/F0) = -0.7)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.7DEG
 Operators: Hu Cong
 Test Date: 2021-06-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 54.2%
 Test Distance: 10.149m [K=1.0000]
 Remarks:

Checker: Hucong

Assessor: Chunbo Zhou

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) $k(RI) \times RCR = 5$									
$k = 0.60$	41	27	18	40	26	18	38	26	18	10
0.80	49	34	24	48	33	24	45	32	24	15
1.00	56	41	31	55	40	30	52	42	30	20
1.25	63	48	37	61	47	37	57	45	36	25
1.50	68	53	42	66	52	42	62	50	41	30
2.00	76	62	51	74	60	50	69	58	49	37
2.50	82	68	58	79	66	57	73	63	55	42
3.00	86	73	63	83	71	62	77	68	60	47
4.00	92	81	72	88	78	70	82	74	67	54
5.00	95	86	78	92	83	76	86	78	72	59
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.7DEG
 Operators: Hu Cong
 Test Date: 2021-06-08

Checker: Hucong

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 54.2%
 Test Distance: 10.149m [K=1.0000]
 Remarks:

Assessor: Chunbo Zhou

ISOCANDELA DIAGRAM

Conical surface Flux(90deg):

160.04 lm

%lum = 19.6%

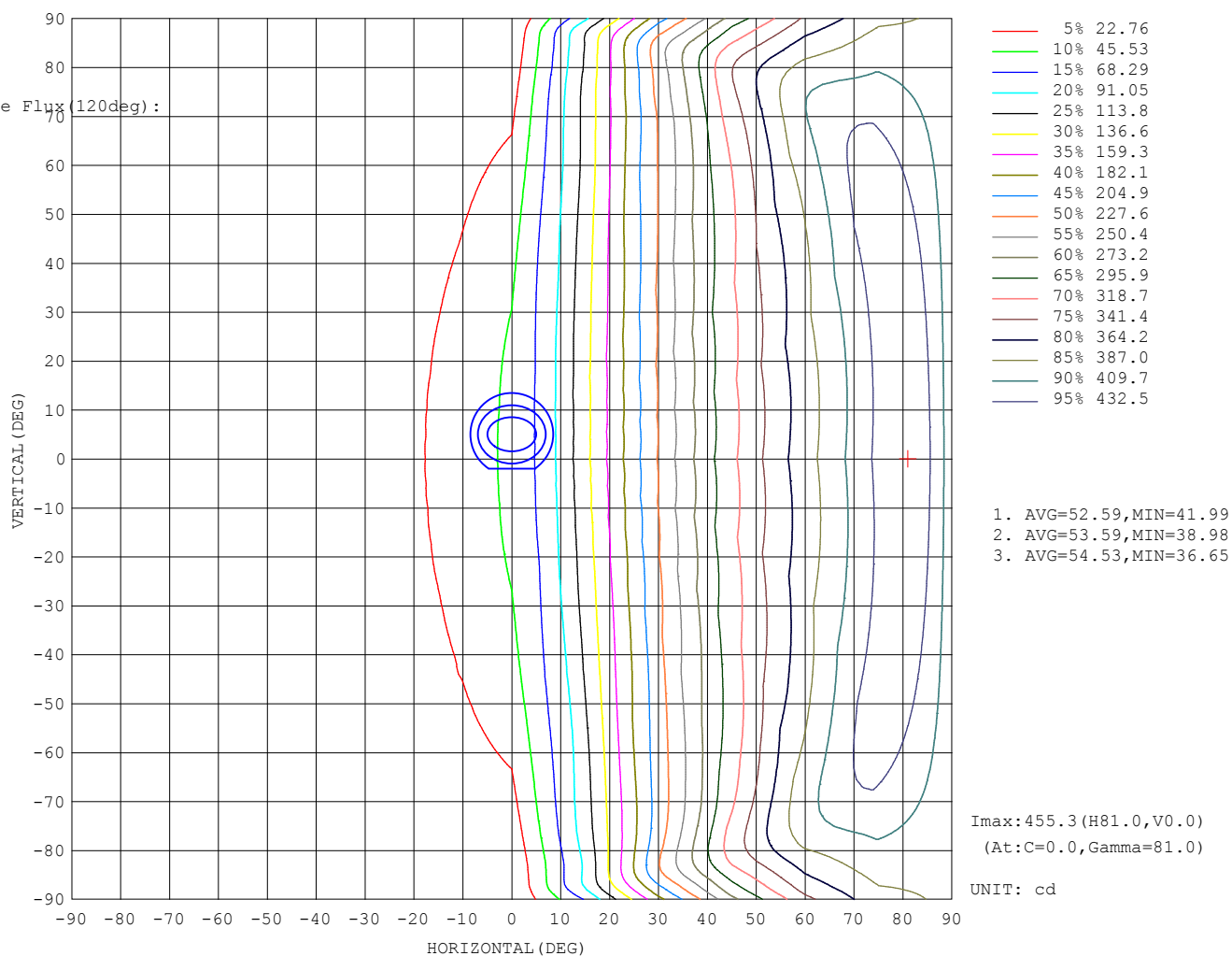
%lamp = 19.6%

Conical surface Flux(120deg):

314.2 lm

%lum = 38.5%

%lamp = 38.5%

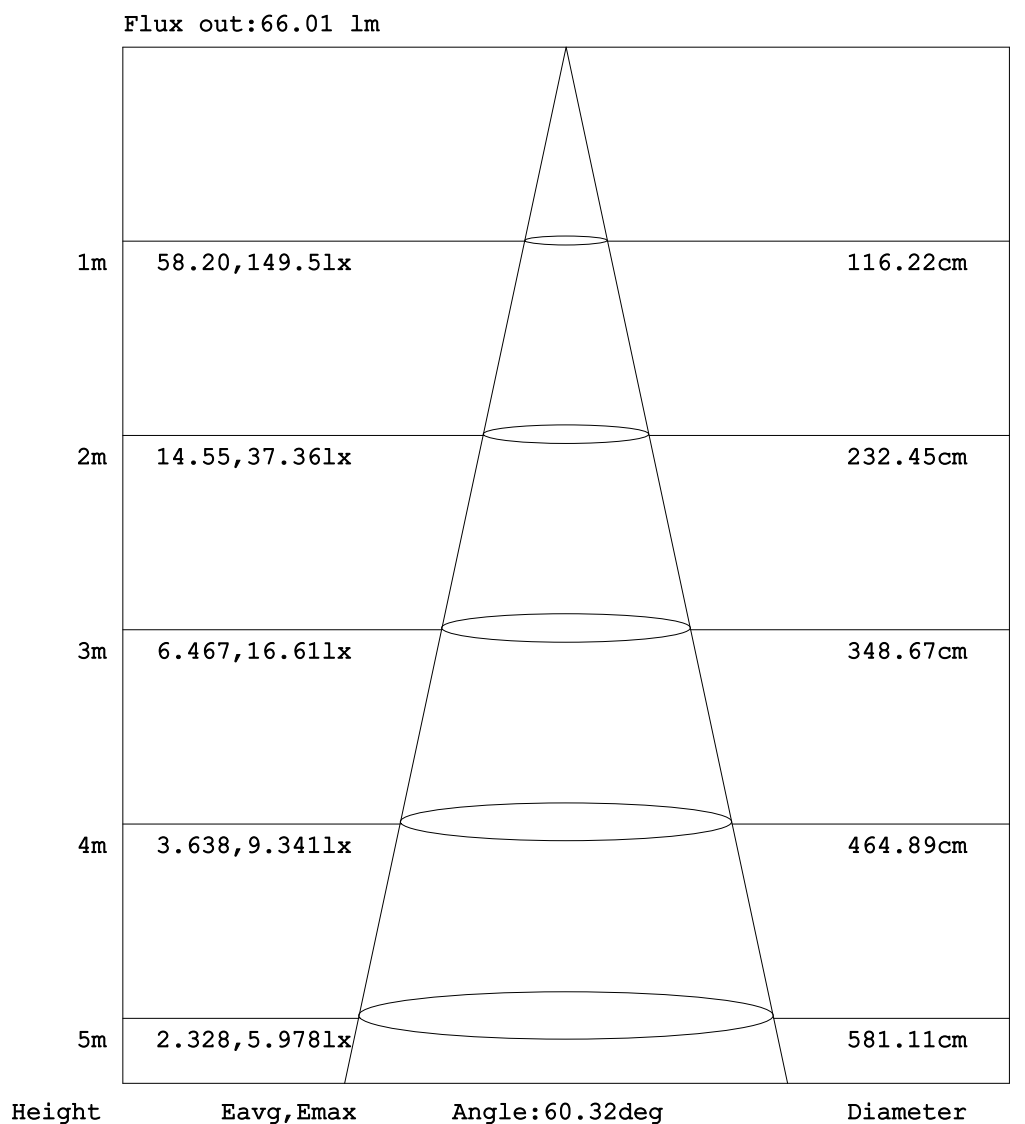


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24.7DEG
Operators:Hu Cong
Test Date:2021-06-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:54.2%
Test Distance:10.149m [K=1.0000]
Remarks:

Checker: Hucong

Assessor: Chunbo Zhou

AAI Figure

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

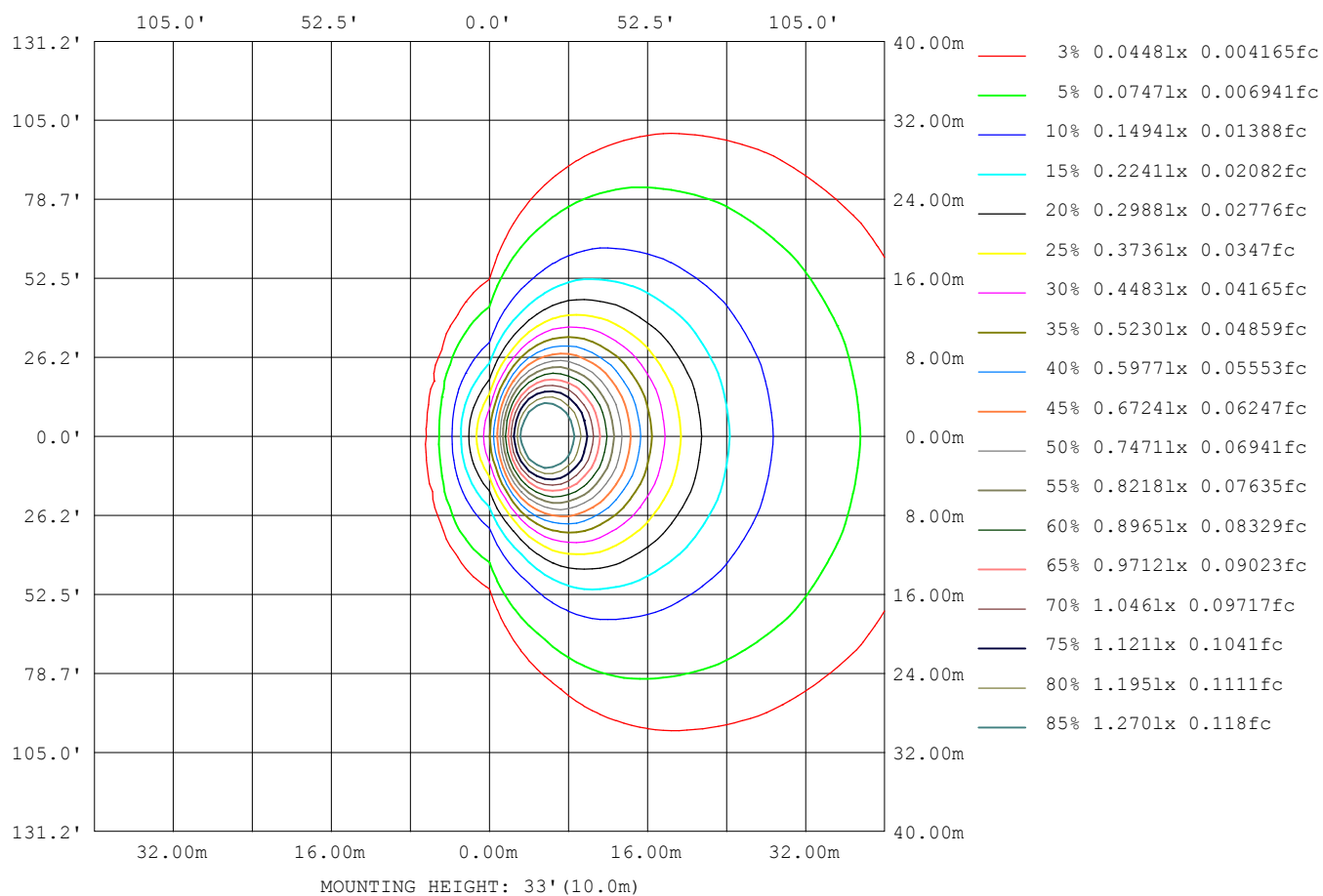
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24.7DEG
Operators:Hu Cong
Test Date:2021-06-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:54.2%
Test Distance:10.149m [K=1.0000]
Remarks:

Checker: Hucong

Assessor: Chunbo Zhou

ISOLUX DIAGRAM



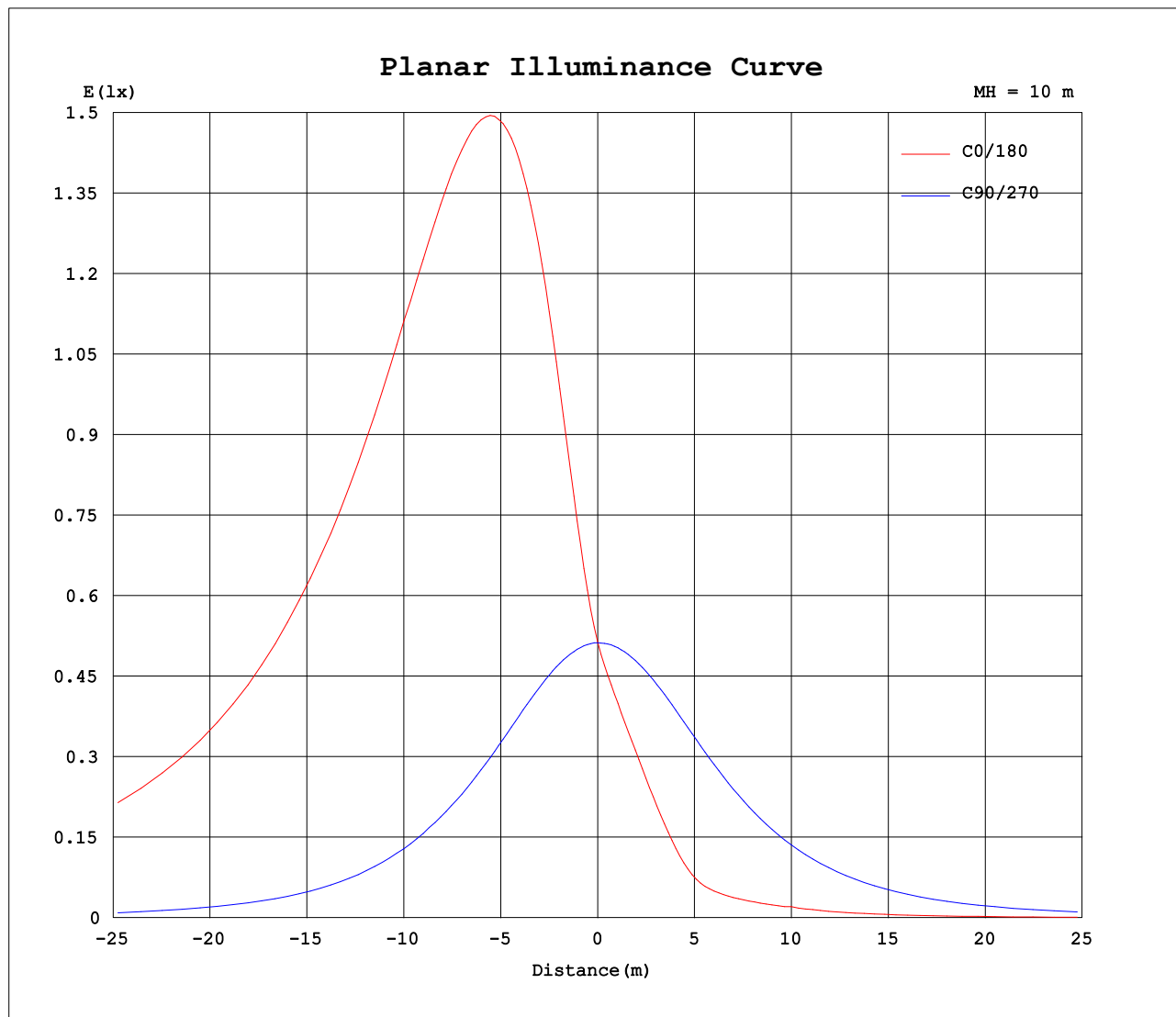
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 24.7DEG
Operators: Hu Cong
Test Date: 2021-06-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity: 54.2%
Test Distance: 10.149m [K=1.0000]
Remarks:

Checker: Hucong

Assessor: Chunbo Zhou

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 24.7DEG
Operators: Hu Cong
Test Date: 2021-06-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity: 54.2%
Test Distance: 10.149m [K=1.0000]
Remarks:

Checker: Hucong

Assessor: Chunbo Zhou

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270
0	51.4	51.2	51.4	51.2	51.4	51.2	51.2	51.2	51.2	51.3	51.1	51.2	51.4	51.2	51.4	51.2	51.4	51.2	51.2
5	70.2	68.9	66.7	62.9	58.9	54.6	51.0	48.2	46.0	44.4	43.0	42.3	42.2	42.3	43.2	44.4	46.2	48.3	51.2
10	97.9	95.0	89.0	79.3	68.8	58.2	50.3	45.3	41.5	38.5	36.2	34.9	34.5	34.9	36.4	38.6	41.8	45.5	50.8
15	130	126	115	98.9	80.4	62.2	49.3	42.4	37.0	32.8	29.5	27.5	27.0	27.5	29.8	33.0	37.4	42.7	50.1
20	164	158	143	120	93.2	66.3	47.9	39.3	32.5	27.1	22.6	20.0	19.2	20.0	23.0	27.3	33.1	39.7	49.0
25	197	190	171	142	106	70.4	46.2	36.0	28.0	21.3	16.0	13.1	12.3	13.1	16.2	21.5	28.6	36.6	47.6
30	230	222	199	163	120	74.6	44.2	32.7	23.5	15.8	10.8	8.91	8.35	8.71	10.7	15.8	24.0	33.3	45.8
35	260	252	225	184	132	78.6	42.0	29.3	19.1	11.4	8.41	7.42	6.97	7.21	8.08	11.2	19.5	29.9	43.7
40	288	279	250	204	145	82.3	39.5	25.9	15.1	9.13	7.38	6.52	6.16	6.37	7.00	8.69	15.2	26.4	41.2
45	314	305	273	223	157	86.2	36.5	23.2	12.3	8.69	7.25	6.73	5.88	5.61	6.25	7.60	11.8	23.1	38.4
50	336	326	293	240	168	88.5	33.2	19.4	10.0	7.07	5.83	4.98	4.71	4.82	5.45	6.67	9.58	19.7	35.3
55	357	346	311	255	179	90.8	29.4	16.4	8.66	6.22	5.07	4.27	3.97	4.10	4.66	5.76	8.19	16.5	31.8
60	378	365	327	268	189	93.1	25.6	13.6	7.34	5.29	4.31	3.59	3.31	3.43	3.92	4.81	6.88	13.6	28.0
65	397	384	343	279	196	95.7	21.4	10.6	5.90	4.36	3.62	2.98	2.72	2.84	3.24	3.93	5.51	10.6	23.9
70	417	403	361	291	201	98.2	16.8	6.33	4.42	3.54	3.03	2.52	2.24	2.38	2.67	3.13	4.13	6.47	19.5
75	438	422	379	303	207	99.2	11.5	2.76	3.24	2.82	2.53	2.20	1.95	2.06	2.20	2.46	3.03	2.74	14.8
80	455	440	397	321	216	96.5	6.10	1.34	2.34	2.20	2.11	2.02	1.83	1.86	1.84	1.90	2.06	1.41	9.84
85	437	425	385	318	224	94.9	1.75	0.66	1.59	1.66	1.79	1.92	1.78	1.75	1.56	1.44	1.28	0.72	5.11
90	392	378	335	267	175	70.1	0.01	0.38	0.99	1.21	1.41	1.48	1.33	1.33	1.17	1.06	0.77	0.36	0.61
95	263	247	191	111	20.5	0.04	0.01	0.27	0.64	0.98	1.25	1.42	1.32	1.23	1.10	0.83	0.50	0.18	0.00
100	50.8	42.1	18.3	3.93	0.58	0.00	0.02	0.29	0.64	1.04	1.27	1.46	1.45	1.32	1.19	0.86	0.55	0.18	0.01
105	4.36	3.60	2.20	0.93	0.12	0.00	0.04	0.30	0.64	1.04	1.30	1.47	1.47	1.41	1.27	0.94	0.58	0.18	0.02
110	1.75	1.40	0.54	0.21	0.03	0.02	0.04	0.31	0.69	1.01	1.30	1.45	1.47	1.44	1.25	0.98	0.59	0.22	0.05
115	0.59	0.45	0.37	0.11	0.04	0.03	0.04	0.31	0.68	0.99	1.29	1.38	1.46	1.42	1.20	0.98	0.59	0.22	0.08
120	0.45	0.35	0.24	0.03	0.02	0.00	0.04	0.32	0.64	0.91	1.22	1.30	1.36	1.36	1.16	0.94	0.55	0.22	0.10
125	0.39	0.32	0.21	0.01	0.00	0.01	0.04	0.32	0.61	0.87	1.14	1.24	1.30	1.29	1.08	0.90	0.52	0.23	0.17
130	0.39	0.30	0.16	0.03	0.00	0.05	0.05	0.32	0.58	0.82	1.07	1.17	1.26	1.22	1.01	0.85	0.51	0.23	0.16
135	0.41	0.25	0.08	0.05	0.02	0.10	0.06	0.32	0.57	0.79	1.03	1.11	1.16	1.13	0.92	0.78	0.47	0.23	0.15
140	0.38	0.21	0.07	0.06	0.04	0.09	0.07	0.28	0.52	0.69	0.92	0.99	1.02	1.02	0.83	0.70	0.44	0.23	0.17
145	0.33	0.05	0.05	0.04	0.05	0.10	0.09	0.24	0.46	0.59	0.80	0.87	0.90	0.91	0.74	0.63	0.42	0.23	0.19
150	0.26	0.02	0.03	0.04	0.05	0.11	0.11	0.21	0.39	0.50	0.68	0.72	0.80	0.81	0.64	0.55	0.33	0.23	0.17
155	0.24	0.02	0.02	0.05	0.05	0.11	0.13	0.20	0.35	0.43	0.57	0.59	0.69	0.70	0.55	0.48	0.31	0.22	0.16
160	0.21	0.04	0.04	0.09	0.05	0.13	0.13	0.17	0.30	0.33	0.46	0.49	0.59	0.59	0.48	0.42	0.25	0.21	0.16
165	0.06	0.06	0.04	0.11	0.10	0.14	0.14	0.15	0.26	0.26	0.38	0.38	0.48	0.48	0.43	0.36	0.23	0.20	0.16
170	0.06	0.10	0.08	0.16	0.13	0.14	0.14	0.14	0.23	0.21	0.30	0.30	0.37	0.38	0.31	0.30	0.21	0.19	0.17
175	0.14	0.16	0.13	0.18	0.14	0.15	0.14	0.14	0.19	0.18	0.23	0.21	0.27	0.30	0.22	0.24	0.16	0.18	0.17
180	0.24	0.22	0.17	0.18	0.15	0.15	0.14	0.14	0.17	0.17	0.18	0.17	0.21	0.21	0.20	0.20	0.17	0.18	0.17

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24.7DEG
Operators:Hu Cong
Test Date:2021-06-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:54.2%
Test Distance:10.149m [K=1.0000]
Remarks:

Checker: Hucong

Assessor: Chunbo Zhou

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345													
0	51.2	51.2	51.3	51.1	51.2													
5	55.0	59.1	63.3	66.5	69.1													
10	59.3	69.7	80.6	89.1	95.5													
15	64.2	82.4	101	116	127													
20	69.4	96.4	124	145	159													
25	74.7	111	146	173	191													
30	80.2	126	169	202	223													
35	85.6	140	190	230	253													
40	90.8	153	211	255	280													
45	95.6	167	231	278	305													
50	99.6	180	249	299	327													
55	103	191	265	317	347													
60	106	202	278	334	368													
65	110	210	290	351	387													
70	114	217	304	369	405													
75	117	225	318	387	427													
80	115	233	334	405	443													
85	114	240	331	394	427													
90	86.6	195	282	345	382													
95	0.49	29.2	118	204	248													
100	0.03	0.97	4.11	20.2	39.8													
105	0.02	0.18	0.99	2.70	3.83													
110	0.04	0.17	0.36	0.64	1.56													
115	0.04	0.16	0.27	0.35	0.54													
120	0.04	0.16	0.25	0.30	0.42													
125	0.05	0.16	0.25	0.28	0.37													
130	0.07	0.16	0.25	0.26	0.35													
135	0.07	0.15	0.24	0.25	0.29													
140	0.07	0.14	0.24	0.23	0.28													
145	0.07	0.13	0.21	0.20	0.26													
150	0.07	0.13	0.19	0.16	0.23													
155	0.07	0.13	0.16	0.14	0.19													
160	0.09	0.13	0.15	0.14	0.16													
165	0.13	0.14	0.15	0.13	0.15													
170	0.13	0.13	0.15	0.14	0.15													
175	0.13	0.13	0.14	0.14	0.14													
180	0.13	0.13	0.14	0.14	0.14													

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.7DEG
 Operators: Hu Cong
 Test Date: 2021-06-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 54.2%
 Test Distance: 10.149m [K=1.0000]
 Remarks:

Checker: Hucong

Assessor: Chunbo Zhou