

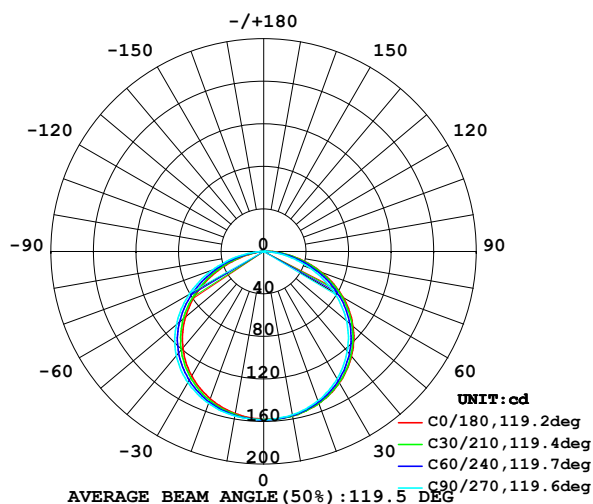
EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

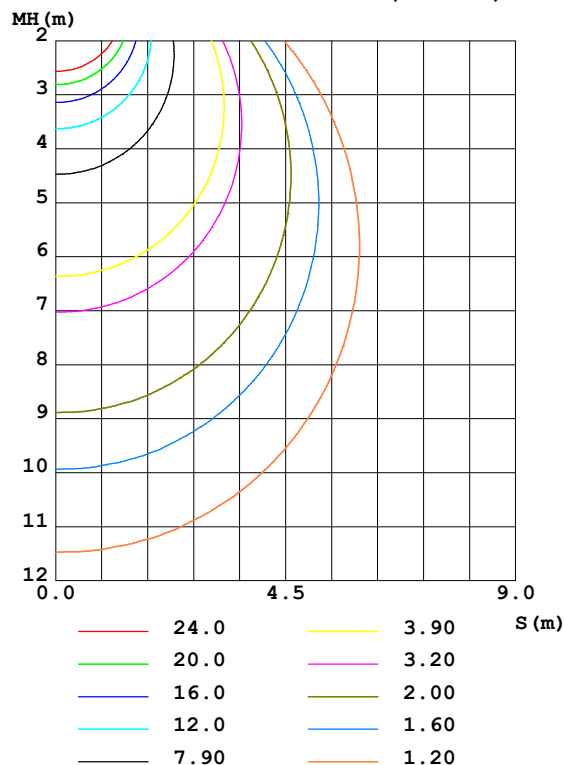
Test:U:24.00V I:0.4414A P:10.59W PF:1.000 Lamp Flux:492.842x1 lm		
NAME: LED Flexible Strips	SUR.:1m*0.01m	SERIAL No.:WY-PG-23070601
MFR.: EKLART		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 46.52 lm/W			
MODEL	EKF5RGBW410	Imax(cd)	158.8	S/MH(C0/180)	1.27
NOMINAL POWER(W)	11	LOR(%)	100.0	S/MH(C90/270)	1.34
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	492.84	η UP,DN(C0-180)	0.3,49.4
NOMINAL FLUX(lm)	492.842	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.3,50.0
LAMPS INSIDE	1	η up(%)	0.6	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	24	η down(%)	99.4	CIBSE SHR MAX	1.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:Suming Huang
Test Date:2023-07-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:42.8%
Test Distance:10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

Checker: Suming Huang

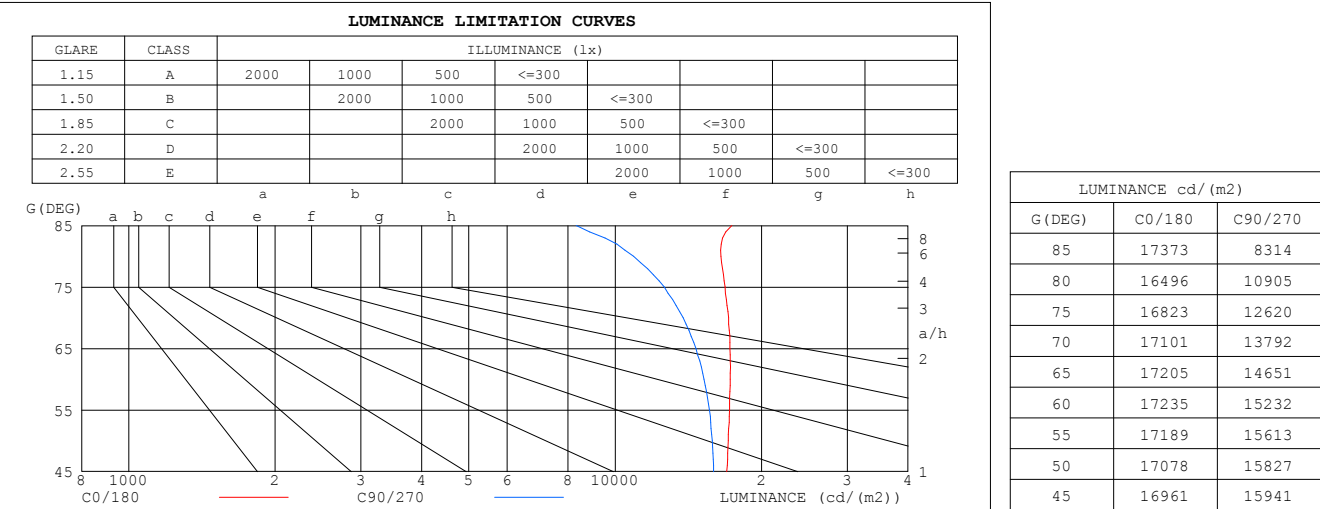
Assessor: Lijian Jiang

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

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	157.2	156.9	155.9	155.3	154.8	156.0	157.0	157.8	0- 10	15.02	15.02	3.05,3.05
20	152.1	151.5	149.3	148.7	147.4	149.7	152.0	153.0	10- 20	43.52	58.54	11.9,11.9
30	142.5	141.7	138.3	137.2	135.3	138.4	142.4	144.4	20- 30	67.30	125.8	25.5,25.5
40	128.7	126.8	122.4	120.7	118.2	122.0	127.9	130.6	30- 40	83.28	209.1	42.4,42.4
50	109.8	107.6	101.7	98.67	96.09	100.8	107.1	112.0	40- 50	88.85	298.0	60.5,60.5
60	86.17	83.71	76.16	71.76	68.86	73.85	80.98	87.73	50- 60	82.22	380.2	77.1,77.1
70	58.49	55.74	47.17	41.31	37.82	43.18	51.52	58.66	60- 70	63.47	443.7	90,90
80	28.64	26.49	18.94	12.72	9.842	14.04	21.31	28.24	70- 80	36.16	479.8	97.4,97.4
90	4.997	3.845	0.1639	0.4457	0.4408	0.3800	0.0961	4.575	80- 90	10.19	490.0	99.4,99.4
100	0.1601	0.1729	0.1601	0.2178	0.1860	0.1601	0.1601	0.1217	90-100	0.5857	490.6	99.5,99.5
110	0.1857	0.2691	0.2753	0.3395	0.2884	0.2238	0.2630	0.1729	100-110	0.2172	490.8	99.6,99.6
120	0.2943	0.3843	0.3714	0.4486	0.3972	0.3390	0.3842	0.2690	110-120	0.3051	491.1	99.7,99.7
130	0.4096	0.4996	0.4739	0.5443	0.4932	0.4545	0.4804	0.3904	120-130	0.3724	491.5	99.7,99.7
140	0.4992	0.5892	0.6084	0.6278	0.5827	0.5377	0.5700	0.4867	130-140	0.4002	491.9	99.8,99.8
150	0.6084	0.6532	0.6208	0.6853	0.6532	0.6084	0.6405	0.6084	140-150	0.3817	492.3	99.9,99.9
160	0.6659	0.7047	0.6916	0.7172	0.7047	0.6529	0.6981	0.6210	150-160	0.3035	492.6	99.9,99.9
170	0.6916	0.7172	0.6916	0.7172	0.7236	0.6916	0.7236	0.6852	160-170	0.1984	492.8	100,100
180	0.7236	0.7172	0.7108	0.7172	0.7236	0.7108	0.7236	0.7108	170-180	0.0676	492.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:Suming Huang
Test Date:2023-07-07

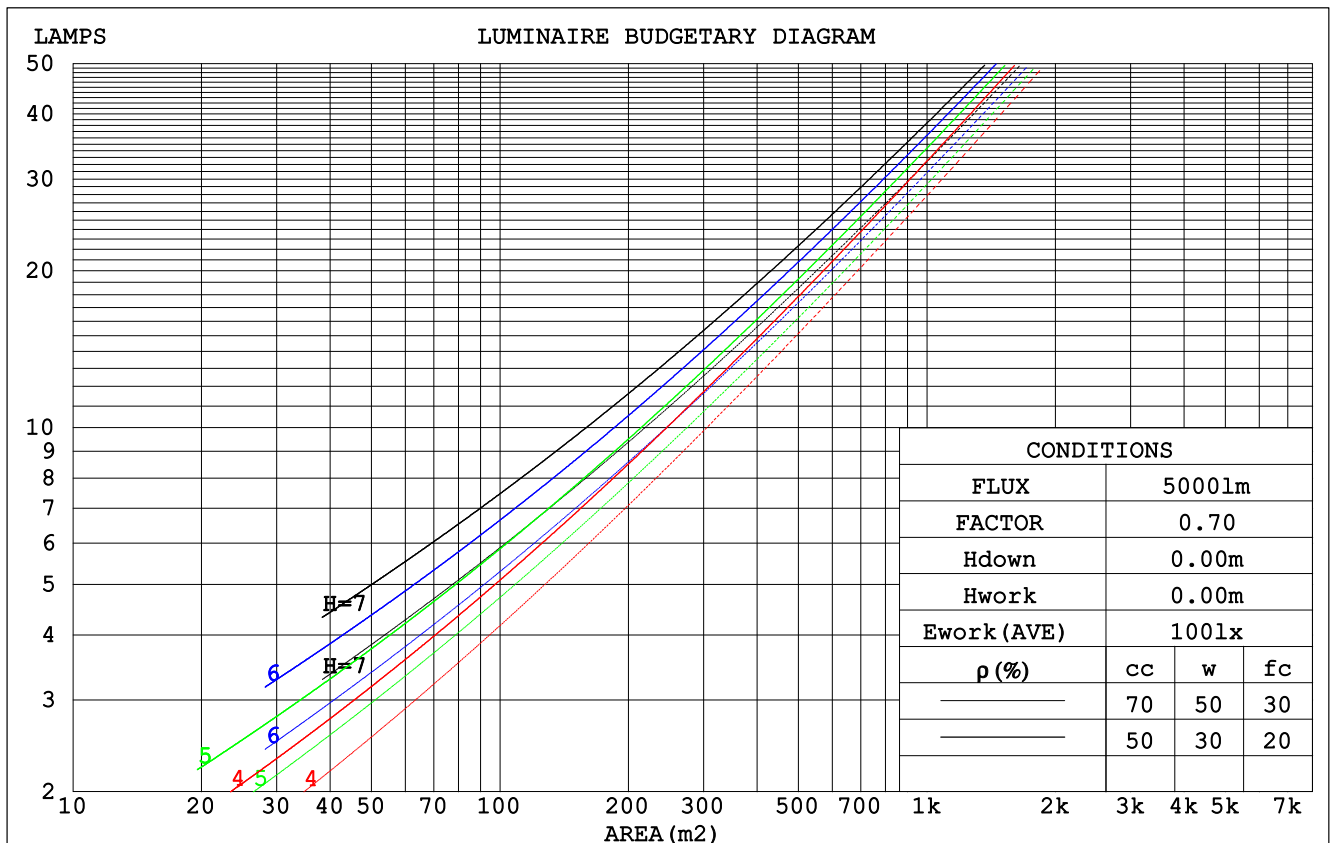
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:42.8%
Test Distance:10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

Checker: Suming Huang

Assessor: Lijian Jiang

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	1.19	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	.99
1.0	1.03	.99	.95	1.01	.97	.93	.97	.93	.90	.93	.90	.87	.89	.87	.85	.83
2.0	.90	.83	.77	.88	.81	.76	.84	.79	.74	.81	.76	.72	.78	.74	.70	.68
3.0	.78	.70	.63	.77	.69	.63	.74	.67	.62	.71	.65	.60	.68	.63	.59	.57
4.0	.69	.60	.53	.68	.60	.53	.65	.58	.52	.63	.57	.51	.61	.55	.51	.48
5.0	.62	.53	.46	.61	.52	.45	.58	.51	.45	.56	.50	.44	.54	.49	.44	.42
6.0	.55	.46	.40	.54	.46	.40	.53	.45	.39	.51	.44	.39	.49	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.48	.40	.35	.46	.39	.34	.45	.39	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.44	.36	.31	.42	.35	.30	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.27	.38	.32	.27	.25
10.0	.39	.31	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: Suming Huang
Test Date: 2023-07-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity: 42.8%
Test Distance: 10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

Checker: Suming Huang

Assessor: Lijian Jiang

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

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	.317	.180	.057	.309	.176	.056	.296	.170	.054	.283	.163	.052	.272	.157	.051	
2.0	.297	.163	.050	.291	.160	.049	.279	.155	.048	.268	.150	.047	.257	.146	.046	
3.0	.275	.146	.044	.269	.144	.043	.258	.140	.043	.248	.136	.042	.239	.132	.041	
4.0	.253	.132	.039	.248	.130	.038	.239	.127	.038	.230	.123	.037	.222	.120	.037	
5.0	.234	.119	.034	.229	.118	.034	.221	.115	.034	.213	.112	.033	.206	.110	.033	
6.0	.216	.109	.031	.213	.107	.031	.205	.105	.031	.198	.103	.030	.191	.101	.030	
7.0	.201	.100	.028	.198	.099	.028	.191	.097	.028	.185	.095	.028	.179	.093	.027	
8.0	.188	.092	.026	.185	.091	.026	.179	.089	.025	.173	.088	.025	.168	.086	.025	
9.0	.176	.085	.024	.173	.084	.024	.168	.083	.023	.162	.081	.023	.158	.080	.023	
10.0	.165	.079	.022	.163	.079	.022	.158	.077	.022	.153	.076	.022	.149	.075	.021	

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	.195	.195	.195	.167	.167	.167	.114	.114	.114	.065	.065	.065	.021	.021	.021	
1.0	.185	.160	.138	.158	.138	.119	.108	.095	.082	.062	.055	.048	.020	.018	.015	
2.0	.177	.136	.102	.152	.117	.088	.104	.081	.061	.060	.047	.036	.019	.015	.012	
3.0	.170	.119	.078	.146	.102	.068	.100	.071	.047	.058	.042	.028	.019	.013	.009	
4.0	.162	.106	.062	.139	.091	.054	.096	.064	.038	.055	.037	.023	.018	.012	.007	
5.0	.155	.095	.051	.133	.082	.045	.092	.058	.031	.053	.034	.019	.017	.011	.006	
6.0	.148	.087	.043	.127	.075	.038	.088	.053	.027	.051	.031	.016	.016	.010	.005	
7.0	.141	.080	.037	.121	.069	.033	.084	.049	.023	.049	.029	.014	.016	.009	.005	
8.0	.134	.074	.033	.116	.064	.029	.080	.045	.020	.047	.027	.012	.015	.009	.004	
9.0	.128	.069	.030	.110	.060	.026	.077	.042	.018	.045	.025	.011	.014	.008	.004	
10.0	.122	.065	.027	.106	.056	.023	.073	.040	.017	.043	.023	.010	.014	.008	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Operators:Suming Huang
 Test Date:2023-07-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:42.8%
 Test Distance:10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

Checker: Suming Huang

Assessor: Lijian Jiang

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

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	23.1	24.6	23.4	24.8	25.0	22.6	24.2	22.9	24.4	24.6
3H	24.9	26.3	25.2	26.5	26.8	24.2	25.6	24.5	25.8	26.1
4H	25.6	27.0	26.0	27.3	27.5	24.8	26.1	25.1	26.4	26.7
6H	26.3	27.5	26.6	27.8	28.1	25.2	26.5	25.5	26.7	27.0
8H	26.5	27.7	26.9	28.0	28.3	25.3	26.5	25.6	26.8	27.1
12H	26.7	27.9	27.1	28.2	28.5	25.3	26.5	25.7	26.8	27.2
4H 2H	23.7	25.1	24.0	25.3	25.6	23.4	24.7	23.7	25.0	25.3
3H	25.7	26.9	26.1	27.2	27.5	25.1	26.3	25.5	26.6	26.9
4H	26.6	27.7	27.0	28.0	28.4	25.9	26.9	26.2	27.3	27.6
6H	27.4	28.4	27.8	28.7	29.1	26.4	27.4	26.8	27.7	28.1
8H	27.7	28.6	28.1	29.0	29.4	26.6	27.5	27.0	27.9	28.2
12H	28.0	28.8	28.4	29.2	29.6	26.7	27.5	27.1	27.9	28.3
8H 4H	26.9	27.8	27.3	28.2	28.6	26.3	27.2	26.7	27.5	27.9
6H	27.9	28.6	28.3	29.0	29.5	27.0	27.7	27.4	28.1	28.6
8H	28.3	28.9	28.8	29.4	29.9	27.2	27.9	27.7	28.3	28.8
12H	28.7	29.2	29.2	29.7	30.2	27.4	28.0	27.9	28.5	28.9
12H 4H	26.9	27.8	27.4	28.1	28.6	26.3	27.1	26.7	27.5	27.9
6H	27.9	28.6	28.4	29.0	29.5	27.1	27.8	27.6	28.2	28.7
8H	28.4	29.0	28.9	29.4	29.9	27.4	28.0	27.9	28.4	28.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117 Corrected 492.8 lm Total Lamp Luminous Flux. (8log(F/F0) = -2.5)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:Suming Huang
Test Date:2023-07-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:42.8%
Test Distance:10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

Checker: Suming Huang

Assessor: Lijian Jiang

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) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	44	37	30
0.80	66	54	47	65	54	47	63	53	46	39
1.00	75	63	56	74	63	56	71	64	55	48
1.25	82	71	64	80	70	63	78	69	63	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	79	92	84	78	89	82	76	68
2.50	98	90	84	96	89	83	92	86	81	73
3.00	102	95	89	99	93	88	95	90	86	77
4.00	106	100	95	103	98	94	99	95	91	82
5.00	108	103	99	106	101	97	101	97	94	85
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

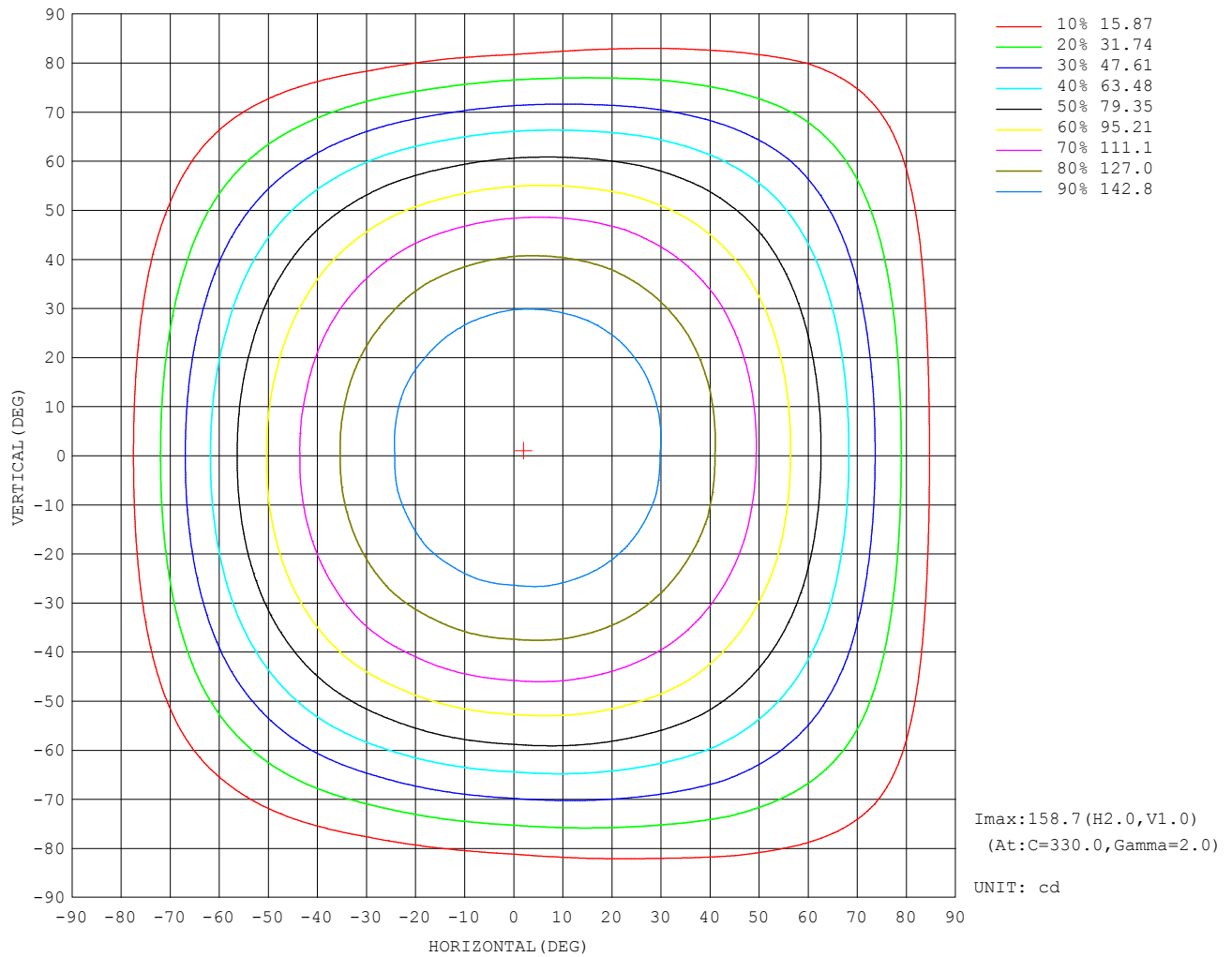
C Range: 0 - 360DEG
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 Temperature: 25.0DEG
 Operators: Suming Huang
 Test Date: 2023-07-07

Checker: Suming Huang

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 42.8%
 Test Distance: 10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

Assessor: Lijian Jiang

ISOCANDELA DIAGRAM



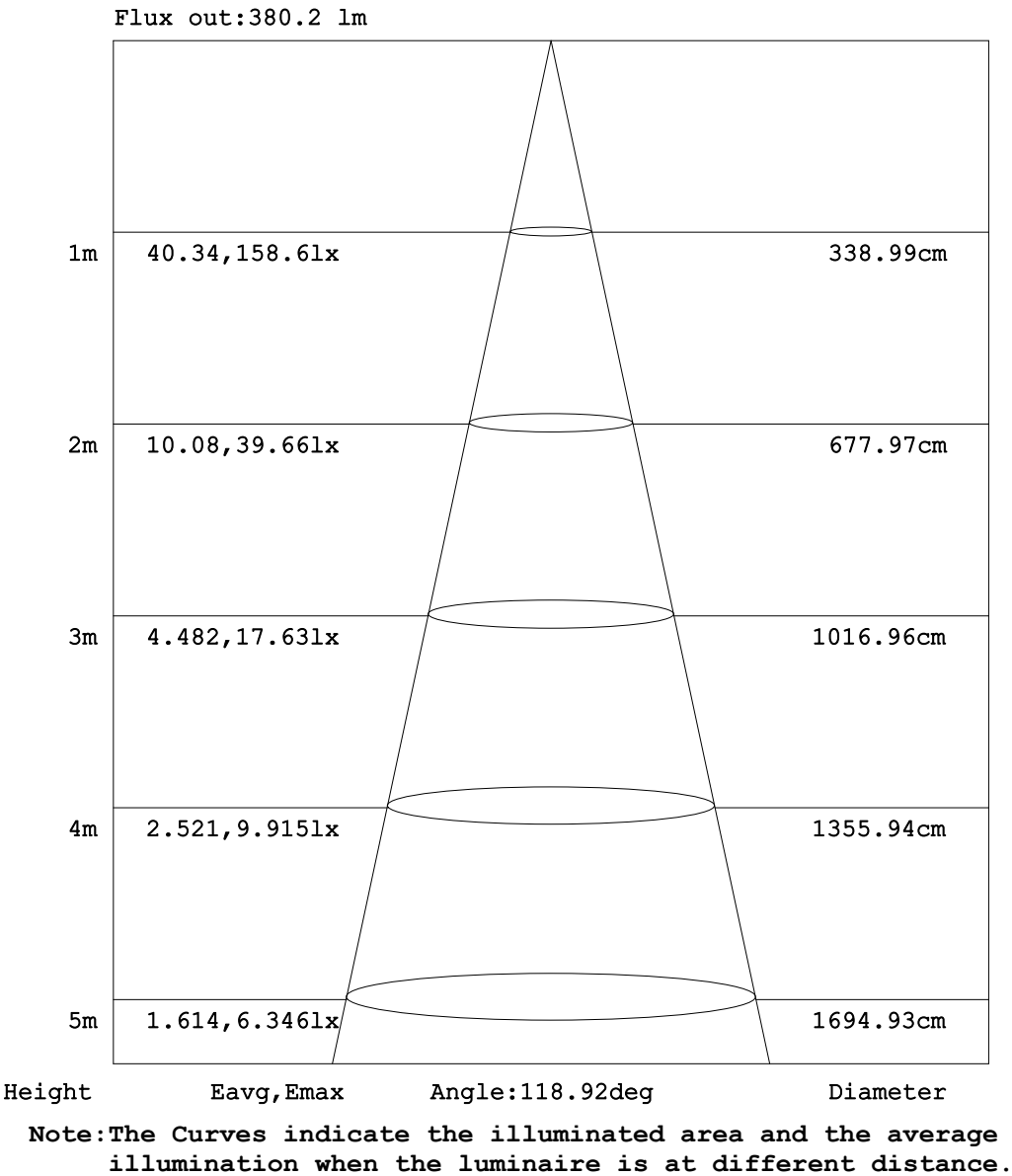
C Range: 0 - 360DEG
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Temperature:25.0DEG
Operators:Suming Huang
Test Date:2023-07-07

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:42.8%
Test Distance:10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

Checker: Suming Huang

Assessor: Lijian Jiang

AAI Figure



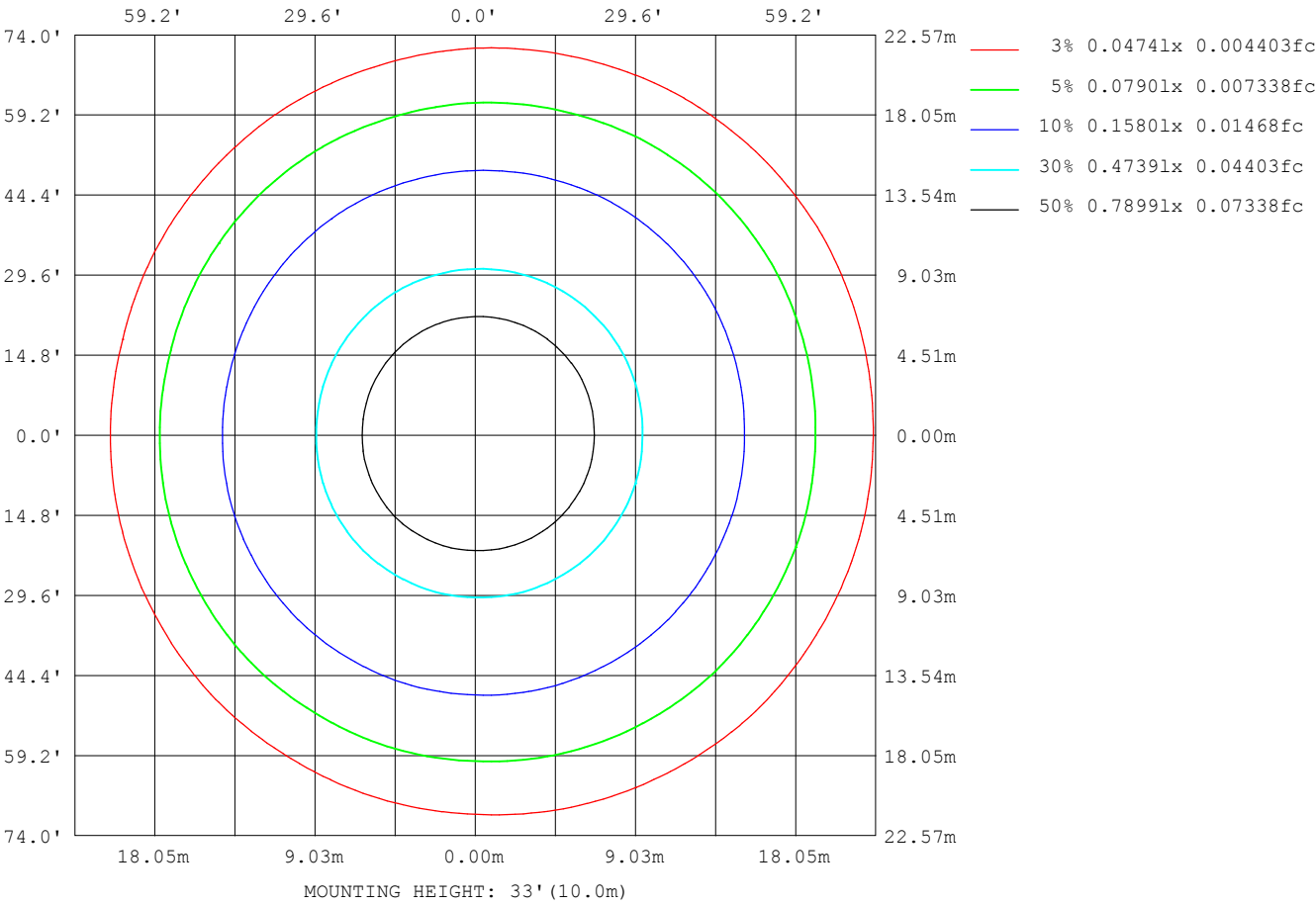
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:42.8%
Test Distance:10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

Checker: Suming Huang

Assessor: Lijian Jiang

ISOLUX DIAGRAM



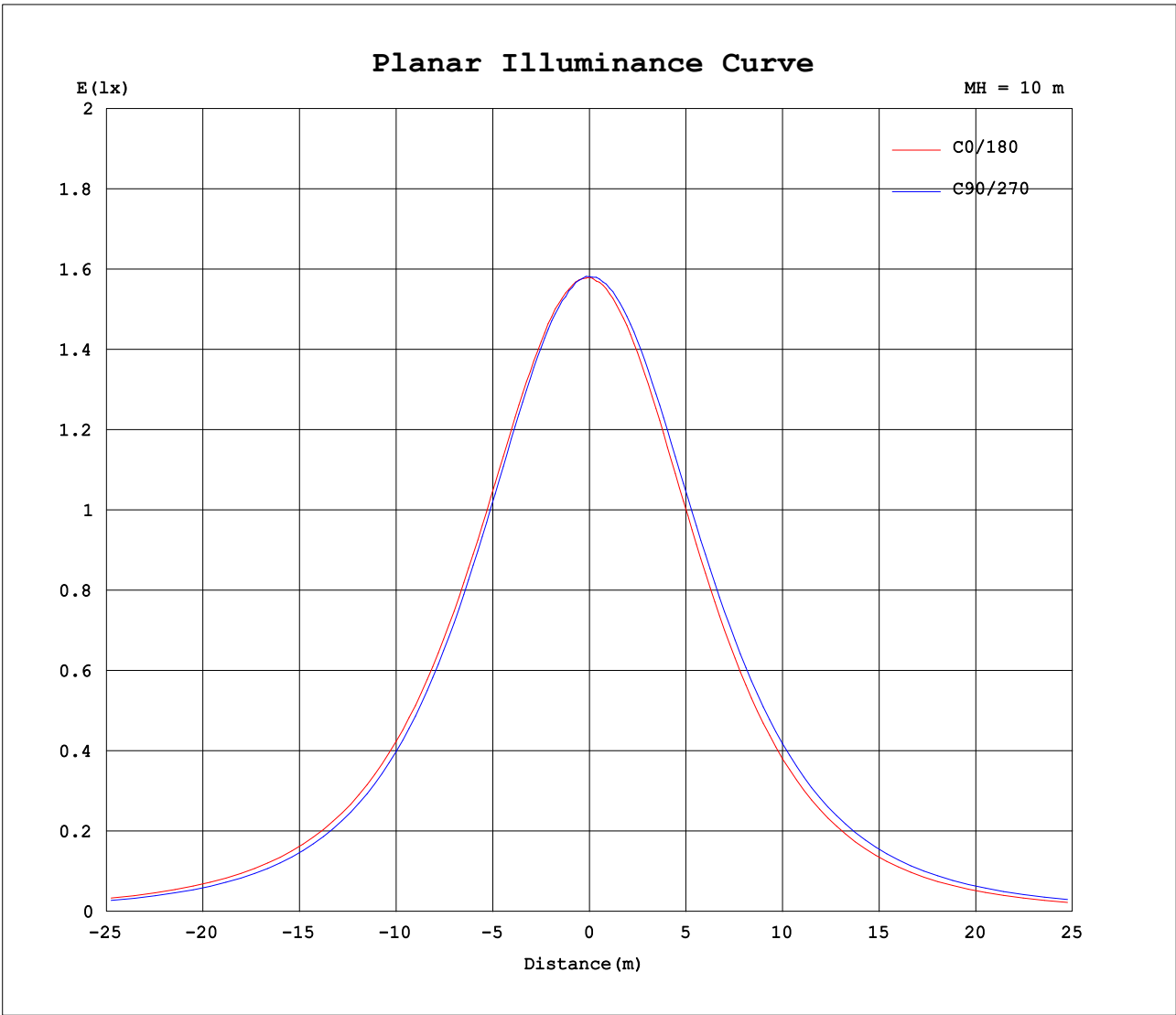
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Assessor: Lijian Jiang

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.0DEG
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γ Range: 0 - 180DEG
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Remarks: standard: GB/T 9468-2008

Checker: Suming Huang

Assessor: Lijian Jiang

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

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	158	158	158	158	158	158	158	158	158	159	158	158	158	158	158	158	158	158	158
5	158	158	158	158	158	158	157	158	157	157	157	157	157	157	158	158	158	158	158
10	157	157	157	157	157	156	156	156	156	155	155	155	155	155	156	156	157	157	157
15	155	155	155	155	154	154	153	153	153	152	152	152	152	152	153	153	154	155	155
20	152	152	152	152	151	150	149	149	149	149	148	148	147	148	149	150	151	151	152
25	148	148	148	147	146	145	144	144	144	143	143	142	142	143	144	145	146	147	148
30	143	143	142	142	140	140	138	138	137	137	136	136	135	136	137	138	140	141	142
35	136	136	136	135	133	132	131	131	130	129	129	128	128	128	130	131	133	135	136
40	129	129	128	127	126	124	122	122	121	121	120	119	118	119	121	122	125	126	128
45	120	120	119	118	116	115	113	112	111	110	109	109	108	109	110	112	115	116	118
50	110	110	109	108	106	104	102	101	99.1	98.7	97.8	96.8	96.1	96.7	98.8	101	103	105	107
55	98.6	98.6	97.2	96.4	94.2	92.0	89.6	88.1	86.5	85.8	84.5	83.8	83.1	83.5	85.7	88.1	90.6	92.4	94.7
60	86.2	86.2	84.9	83.7	81.3	79.0	76.2	74.6	72.6	71.8	70.2	69.5	68.9	69.2	71.3	73.8	76.3	78.3	81.0
65	72.7	72.7	71.3	70.4	67.5	65.0	61.9	60.0	57.9	56.8	55.1	54.2	53.6	53.9	56.3	58.8	61.6	63.7	66.6
70	58.5	58.3	56.9	55.7	52.8	50.3	47.2	45.0	42.6	41.3	39.5	38.4	37.8	38.2	40.6	43.2	46.2	48.5	51.5
75	43.5	43.4	42.2	41.0	38.2	35.6	32.7	30.4	27.8	26.2	24.4	23.2	22.7	23.2	25.6	27.8	30.7	33.2	36.2
80	28.6	28.6	27.7	26.5	23.9	21.8	18.9	16.7	14.3	12.7	11.1	10.3	9.84	10.4	12.3	14.0	15.6	18.4	21.3
85	15.1	15.1	14.5	13.4	11.3	9.41	7.25	5.60	4.00	3.22	2.62	2.43	2.36	2.57	3.23	3.57	4.50	6.49	7.37
90	5.00	5.10	4.61	3.84	2.61	1.62	0.16	0.50	0.49	0.45	0.49	0.46	0.44	0.49	0.50	0.38	0.22	0.31	0.10
95	0.67	0.67	0.52	0.26	0.20	0.15	0.12	0.15	0.17	0.19	0.20	0.17	0.15	0.18	0.16	0.18	0.13	0.12	0.12
100	0.16	0.15	0.15	0.17	0.15	0.19	0.16	0.21	0.17	0.22	0.19	0.22	0.19	0.17	0.19	0.16	0.18	0.12	0.16
105	0.17	0.21	0.19	0.22	0.18	0.25	0.19	0.26	0.21	0.28	0.22	0.28	0.23	0.18	0.24	0.18	0.23	0.20	0.21
110	0.19	0.26	0.20	0.27	0.22	0.30	0.28	0.33	0.27	0.34	0.27	0.34	0.29	0.24	0.29	0.22	0.28	0.20	0.26
115	0.27	0.31	0.28	0.33	0.28	0.36	0.31	0.38	0.32	0.39	0.32	0.38	0.35	0.27	0.35	0.28	0.33	0.26	0.33
120	0.29	0.37	0.31	0.38	0.35	0.42	0.37	0.44	0.37	0.45	0.38	0.44	0.40	0.34	0.40	0.34	0.38	0.32	0.38
125	0.37	0.42	0.37	0.45	0.39	0.47	0.42	0.50	0.45	0.51	0.44	0.49	0.44	0.38	0.45	0.38	0.45	0.37	0.44
130	0.41	0.47	0.42	0.50	0.46	0.52	0.47	0.54	0.47	0.54	0.48	0.54	0.49	0.44	0.50	0.45	0.49	0.43	0.48
135	0.48	0.54	0.48	0.54	0.49	0.57	0.52	0.58	0.58	0.58	0.54	0.59	0.54	0.48	0.54	0.48	0.54	0.48	0.54
140	0.50	0.57	0.51	0.59	0.61	0.62	0.61	0.63	0.61	0.63	0.61	0.63	0.58	0.53	0.58	0.54	0.58	0.51	0.57
145	0.61	0.61	0.61	0.63	0.61	0.64	0.61	0.65	0.61	0.66	0.61	0.66	0.63	0.60	0.62	0.61	0.63	0.61	0.62
150	0.61	0.65	0.61	0.65	0.61	0.67	0.62	0.69	0.61	0.69	0.61	0.69	0.65	0.60	0.65	0.61	0.64	0.61	0.64
155	0.61	0.68	0.61	0.69	0.62	0.70	0.67	0.71	0.68	0.72	0.67	0.71	0.69	0.62	0.67	0.61	0.68	0.61	0.67
160	0.67	0.71	0.67	0.70	0.68	0.71	0.69	0.72	0.70	0.72	0.69	0.73	0.70	0.67	0.71	0.65	0.70	0.65	0.70
165	0.69	0.72	0.69	0.72	0.69	0.71	0.69	0.72	0.70	0.72	0.69	0.73	0.72	0.69	0.72	0.69	0.71	0.69	0.73
170	0.69	0.72	0.69	0.72	0.69	0.71	0.69	0.72	0.70	0.72	0.70	0.73	0.72	0.69	0.72	0.69	0.71	0.69	0.72
175	0.71	0.72	0.70	0.72	0.70	0.71	0.70	0.72	0.71	0.72	0.70	0.73	0.72	0.71	0.72	0.70	0.71	0.70	0.72
180	0.72	0.72	0.71	0.72	0.71	0.71	0.71	0.72	0.71	0.72	0.71	0.73	0.72	0.72	0.72	0.71	0.71	0.72	0.72

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:Suming Huang
Test Date:2023-07-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:42.8%
Test Distance:10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

Checker: Suming Huang

Assessor: Lijian Jiang

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345														
0	158	158	159	158	158														
5	158	158	158	159	158														
10	157	158	158	158	158														
15	156	156	156	156	156														
20	153	153	153	153	153														
25	149	149	149	149	149														
30	143	144	144	144	144														
35	137	138	138	138	137														
40	129	130	131	131	130														
45	120	122	122	122	121														
50	109	111	112	112	111														
55	97.0	99.4	101	101	99.7														
60	83.4	86.2	87.7	88.2	87.2														
65	69.1	71.9	73.7	74.5	73.7														
70	54.2	56.9	58.7	59.6	58.9														
75	38.8	41.6	43.3	44.3	43.8														
80	24.1	26.6	28.2	29.2	28.9														
85	11.0	13.0	14.6	15.7	15.3														
90	1.97	3.55	4.57	5.38	5.20														
95	0.12	0.13	0.38	0.64	0.70														
100	0.12	0.15	0.12	0.13	0.13														
105	0.18	0.19	0.15	0.18	0.13														
110	0.19	0.24	0.17	0.22	0.19														
115	0.28	0.30	0.22	0.27	0.20														
120	0.29	0.35	0.27	0.34	0.28														
125	0.37	0.40	0.34	0.39	0.32														
130	0.41	0.46	0.39	0.44	0.37														
135	0.48	0.51	0.46	0.49	0.42														
140	0.50	0.56	0.49	0.54	0.47														
145	0.61	0.60	0.59	0.58	0.54														
150	0.61	0.64	0.61	0.63	0.61														
155	0.61	0.67	0.61	0.65	0.61														
160	0.63	0.69	0.62	0.69	0.62														
165	0.68	0.71	0.68	0.72	0.69														
170	0.68	0.71	0.69	0.71	0.69														
175	0.70	0.71	0.70	0.71	0.70														
180	0.71	0.71	0.71	0.71	0.72														

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:Suming Huang
Test Date:2023-07-07

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:42.8%
Test Distance:10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

Checker: Suming Huang

Assessor: Lijian Jiang