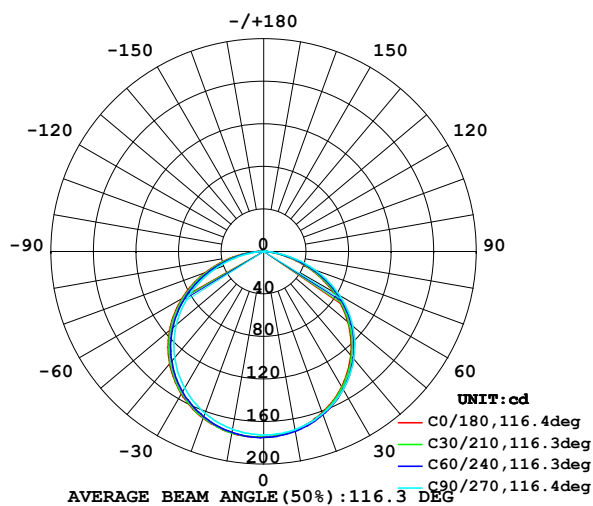


LUMINAIRE PHOTOMETRIC TEST REPORT

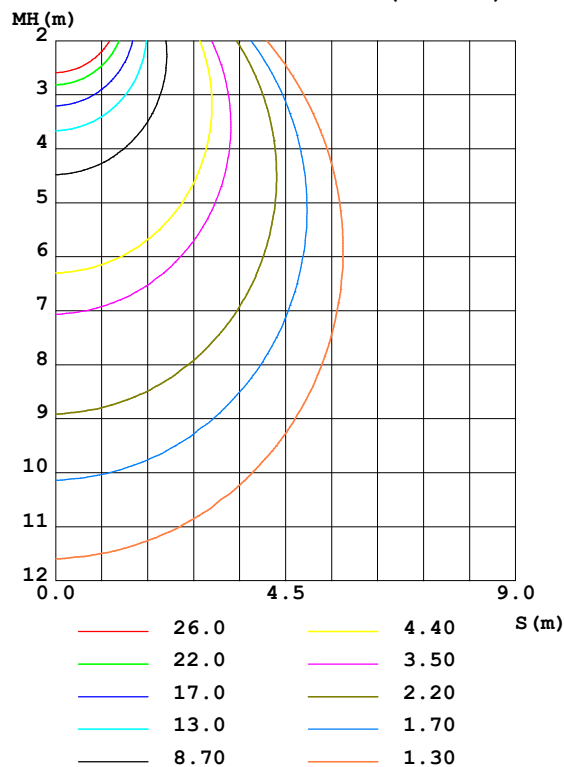
Test:U:12.00V I:0.4180A P:5.016W PF:1.000 Lamp Flux:517.166x1 lm		
NAME: LED Soft light bar	SUR.:0.08m*1.0m	SERIAL No.:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 103.10 lm/W			
MODEL	EKF4448HL90	Imax(cd)	175.1	S/MH(C0/180)	1.32
NOMINAL POWER(W)	/	LOR(%)	100.0	S/MH(C90/270)	1.28
RATED VOLTAGE(V)	12	TOTAL FLUX(lm)	517.17	η UP,DN(C0-180)	0.2,49.9
NOMINAL FLUX(lm)	517.166	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.2,49.8
LAMPS INSIDE	1	η up(%)	0.3	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	12	η down(%)	99.7	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24.1DEG
Operators:Bo Zou
Test Date:2021-05-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:33.6%
Test Distance:10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

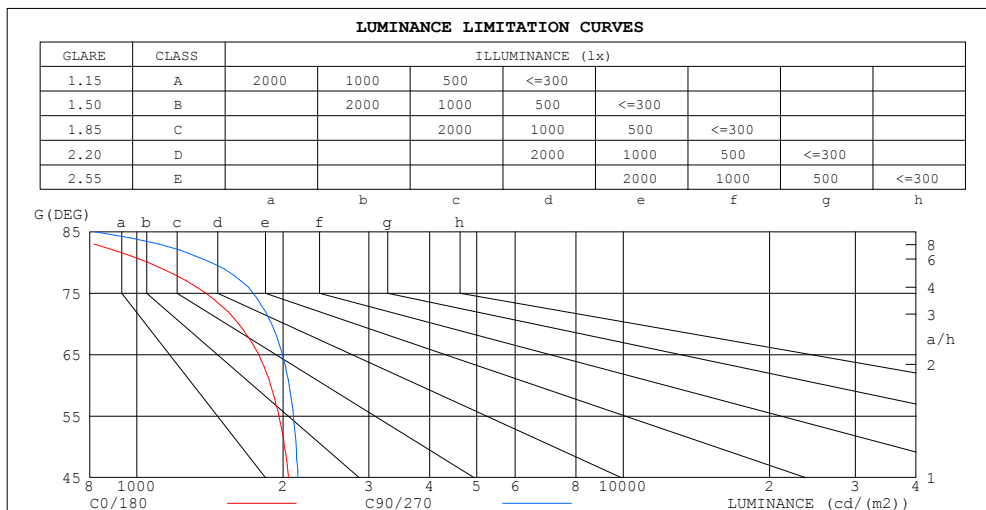
Checker: Bo Zou

Assessor: Chunbo Zou

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	170.6	171.4	170.1	170.4	173.3	173.0	169.8	168.2	0- 10	16.41	16.41	3.17,3.17
20	161.3	162.7	162.5	163.7	166.7	165.6	161.8	159.3	10- 20	47.25	63.67	12.3,12.3
30	146.8	148.7	149.8	151.9	154.7	152.9	148.5	145.6	20- 30	72.32	136.0	26.3,26.3
40	127.7	129.9	131.8	134.7	137.8	135.7	130.3	126.5	30- 40	88.38	224.4	43.4,43.4
50	103.5	106.3	109.4	112.7	115.4	113.0	107.3	103.2	40- 50	93.11	317.5	61.4,61.4
60	75.33	78.62	82.34	86.39	88.89	85.91	80.00	75.80	50- 60	85.42	402.9	77.9,77.9
70	44.35	47.29	51.78	56.38	58.41	55.03	49.27	44.97	60- 70	65.72	468.6	90.6,90.6
80	14.63	16.79	19.71	25.30	26.87	23.41	18.52	15.47	70- 80	37.13	505.8	97.8,97.8
90	0.7281	0.5842	0	2.892	3.474	1.966	0	0.8134	80- 90	9.750	515.5	99.7,99.7
100	0.0469	0.0391	0	0.0079	0	0	0.0001	0	90-100	0.2833	515.8	99.7,99.7
110	0.0780	0.1407	0.0624	0.1094	0.0549	0.0545	0.1093	0.0625	100-110	0.0437	515.8	99.7,99.7
120	0.1873	0.2500	0.1796	0.2265	0.1718	0.1405	0.2187	0.1718	110-120	0.1321	516.0	99.8,99.8
130	0.2904	0.3594	0.2890	0.3204	0.2657	0.2264	0.3281	0.2528	120-130	0.2160	516.2	99.8,99.8
140	0.4217	0.4609	0.4137	0.4217	0.3749	0.3201	0.4140	0.3435	130-140	0.2640	516.4	99.9,99.9
150	0.4840	0.5359	0.4452	0.4922	0.4609	0.4123	0.4921	0.4256	140-150	0.2702	516.7	99.9,99.9
160	0.5760	0.5714	0.5520	0.5623	0.5311	0.5545	0.5623	0.5467	150-160	0.2372	517.0	100,100
170	0.5726	0.5752	0.5627	0.5669	0.5677	0.5623	0.5736	0.5737	160-170	0.1606	517.1	100,100
180	0.5779	0.5779	0.5701	0.5701	0.5779	0.5701	0.5701	0.5701	170-180	0.0544	517.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.1DEG
 Operators: Bo Zou
 Test Date: 2021-05-17

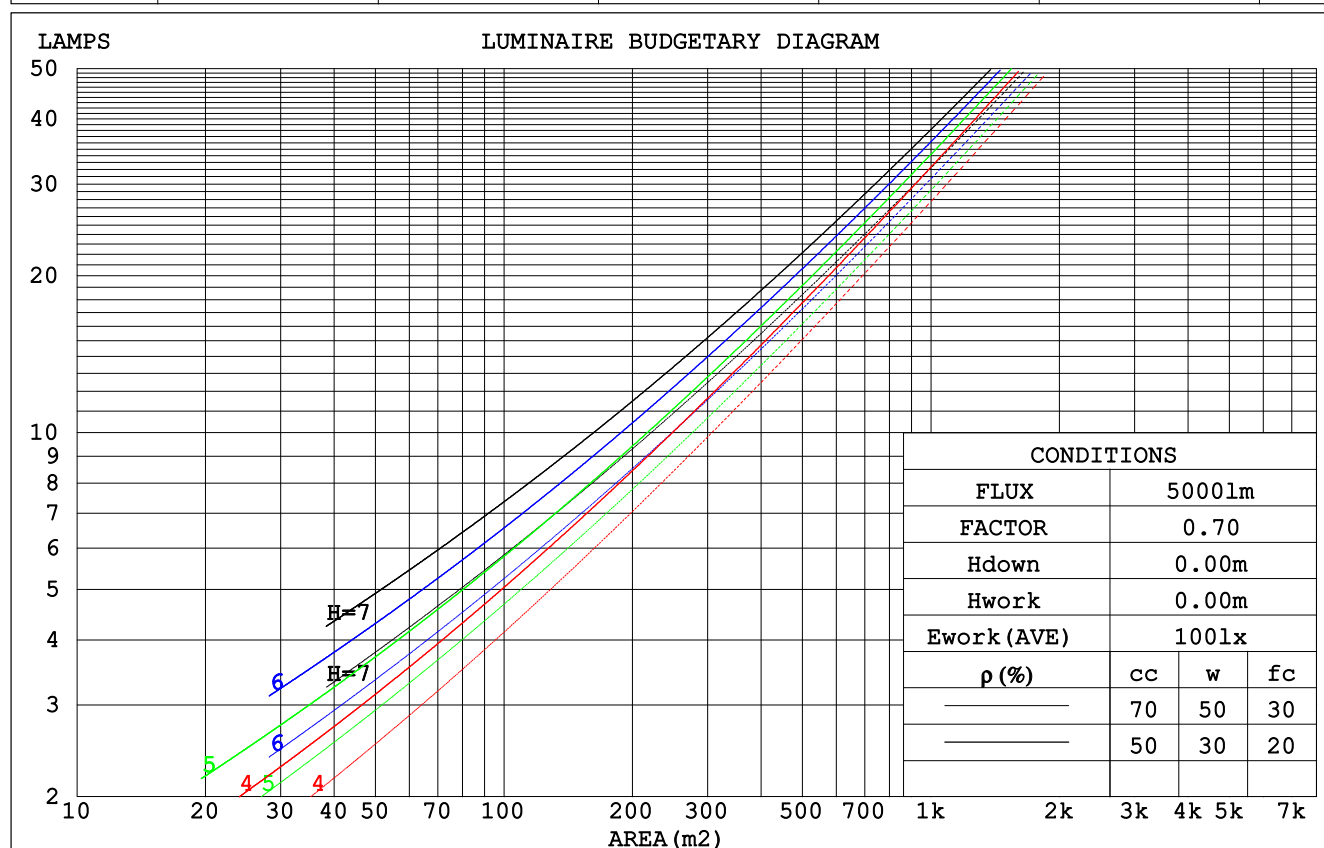
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 33.6%
 Test Distance: 10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

Checker: Bo Zou

Assessor: Chunbo Zou

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	.00
1.0	1.04	.99	.95	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.77	.88	.82	.76	.85	.79	.75	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.71	.64	.77	.70	.63	.74	.68	.62	.71	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.68	.60	.54	.66	.59	.53	.63	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.46	.57	.50	.45	.55	.49	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.40	.51	.45	.39	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.41	.35	.48	.41	.35	.47	.40	.35	.45	.39	.34	.32
8.0	.46	.38	.32	.45	.37	.31	.44	.37	.31	.43	.36	.31	.42	.35	.31	.29
9.0	.42	.34	.28	.42	.34	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.25	.36	.30	.25	.36	.30	.25	.23



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.1DEG
 Operators: Bo Zou
 Test Date: 2021-05-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 33.6%
 Test Distance: 10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

Checker: Bo Zou

Assessor: Chunbo Zou

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	.313	.178	.056	.305	.174	.055	.292	.168	.054	.280	.161	.052	.268	.155	.050	
2.0	.294	.161	.050	.288	.159	.049	.276	.154	.048	.265	.149	.047	.255	.144	.045	
3.0	.272	.145	.043	.267	.143	.043	.256	.139	.042	.247	.135	.041	.238	.132	.041	
4.0	.251	.131	.038	.246	.129	.038	.237	.126	.038	.228	.123	.037	.220	.120	.036	
5.0	.232	.118	.034	.228	.117	.034	.219	.114	.034	.212	.112	.033	.205	.109	.033	
6.0	.215	.108	.031	.211	.107	.031	.204	.104	.030	.197	.102	.030	.190	.100	.030	
7.0	.200	.099	.028	.197	.098	.028	.190	.096	.028	.184	.094	.027	.178	.093	.027	
8.0	.187	.091	.026	.184	.090	.026	.178	.089	.025	.172	.087	.025	.167	.086	.025	
9.0	.175	.085	.024	.172	.084	.024	.167	.083	.023	.162	.081	.023	.157	.080	.023	
10.0	.165	.079	.022	.162	.078	.022	.157	.077	.022	.153	.076	.022	.148	.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	.193	.193	.193	.165	.165	.165	.113	.113	.113	.065	.065	.065	.021	.021	.021	
1.0	.183	.159	.137	.157	.136	.118	.107	.094	.081	.062	.054	.047	.020	.017	.015	
2.0	.175	.134	.100	.150	.116	.087	.103	.080	.060	.059	.047	.035	.019	.015	.012	
3.0	.167	.117	.076	.144	.101	.066	.099	.070	.046	.057	.041	.027	.018	.013	.009	
4.0	.160	.104	.061	.137	.089	.053	.094	.062	.037	.055	.037	.022	.018	.012	.007	
5.0	.152	.093	.049	.131	.081	.043	.090	.056	.030	.052	.033	.018	.017	.011	.006	
6.0	.145	.085	.041	.125	.073	.036	.086	.051	.026	.050	.030	.015	.016	.010	.005	
7.0	.138	.078	.036	.119	.068	.031	.082	.047	.022	.048	.028	.013	.015	.009	.004	
8.0	.132	.072	.031	.114	.063	.027	.079	.044	.019	.046	.026	.011	.015	.008	.004	
9.0	.126	.067	.028	.108	.058	.024	.075	.041	.017	.044	.024	.010	.014	.008	.003	
10.0	.120	.063	.025	.104	.055	.022	.072	.038	.015	.042	.023	.009	.014	.007	.003	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:24.1DEG
 Operators:Bo Zou
 Test Date:2021-05-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:33.6%
 Test Distance:10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

Checker: Bo Zou

Assessor: Chunbo Zou

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	15.1	16.6	15.4	16.8	17.1	15.4	17.0	15.7	17.2	17.4
3H	16.5	17.9	16.8	18.1	18.4	17.0	18.4	17.3	18.6	18.9
4H	17.0	18.3	17.3	18.6	18.8	17.6	18.9	17.9	19.2	19.4
6H	17.2	18.5	17.6	18.8	19.1	18.0	19.2	18.3	19.5	19.8
8H	17.3	18.5	17.6	18.8	19.1	18.1	19.3	18.4	19.6	19.9
12H	17.3	18.4	17.6	18.7	19.1	18.1	19.3	18.4	19.6	19.9
4H 2H	15.7	17.1	16.1	17.3	17.6	16.0	17.3	16.3	17.6	17.9
3H	17.3	18.5	17.6	18.8	19.1	17.7	18.9	18.1	19.2	19.5
4H	17.9	18.9	18.3	19.3	19.6	18.4	19.5	18.8	19.8	20.2
6H	18.2	19.2	18.6	19.5	19.9	18.9	19.9	19.3	20.2	20.6
8H	18.3	19.2	18.7	19.6	20.0	19.0	19.9	19.5	20.3	20.7
12H	18.3	19.1	18.8	19.5	19.9	19.1	19.9	19.5	20.3	20.7
8H 4H	18.1	19.0	18.5	19.4	19.8	18.6	19.5	19.0	19.9	20.3
6H	18.6	19.3	19.0	19.7	20.2	19.2	20.0	19.7	20.4	20.8
8H	18.7	19.4	19.2	19.8	20.3	19.4	20.1	19.9	20.5	21.0
12H	18.8	19.3	19.2	19.8	20.3	19.5	20.1	20.0	20.6	21.0
12H 4H	18.1	18.9	18.6	19.3	19.7	18.6	19.4	19.0	19.8	20.2
6H	18.6	19.3	19.1	19.7	20.2	19.2	19.9	19.7	20.3	20.8
8H	18.8	19.3	19.2	19.8	20.3	19.5	20.0	19.9	20.5	21.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 517.2 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.3)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:24.1DEG
 Operators:Bo Zou
 Test Date:2021-05-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:33.6%
 Test Distance:10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

Checker: Bo Zou

Assessor: Chunbo Zou

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) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	47	64	54	47	40
1.00	75	64	57	74	63	56	72	65	56	49
1.25	82	72	65	81	71	64	78	70	63	56
1.50	88	78	70	86	77	70	83	75	69	61
2.00	95	86	79	93	85	79	89	82	77	69
2.50	98	91	84	96	89	84	93	86	82	73
3.00	102	95	89	100	93	88	96	90	86	77
4.00	106	100	95	104	98	94	99	95	91	82
5.00	108	104	99	106	102	98	101	98	95	85
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

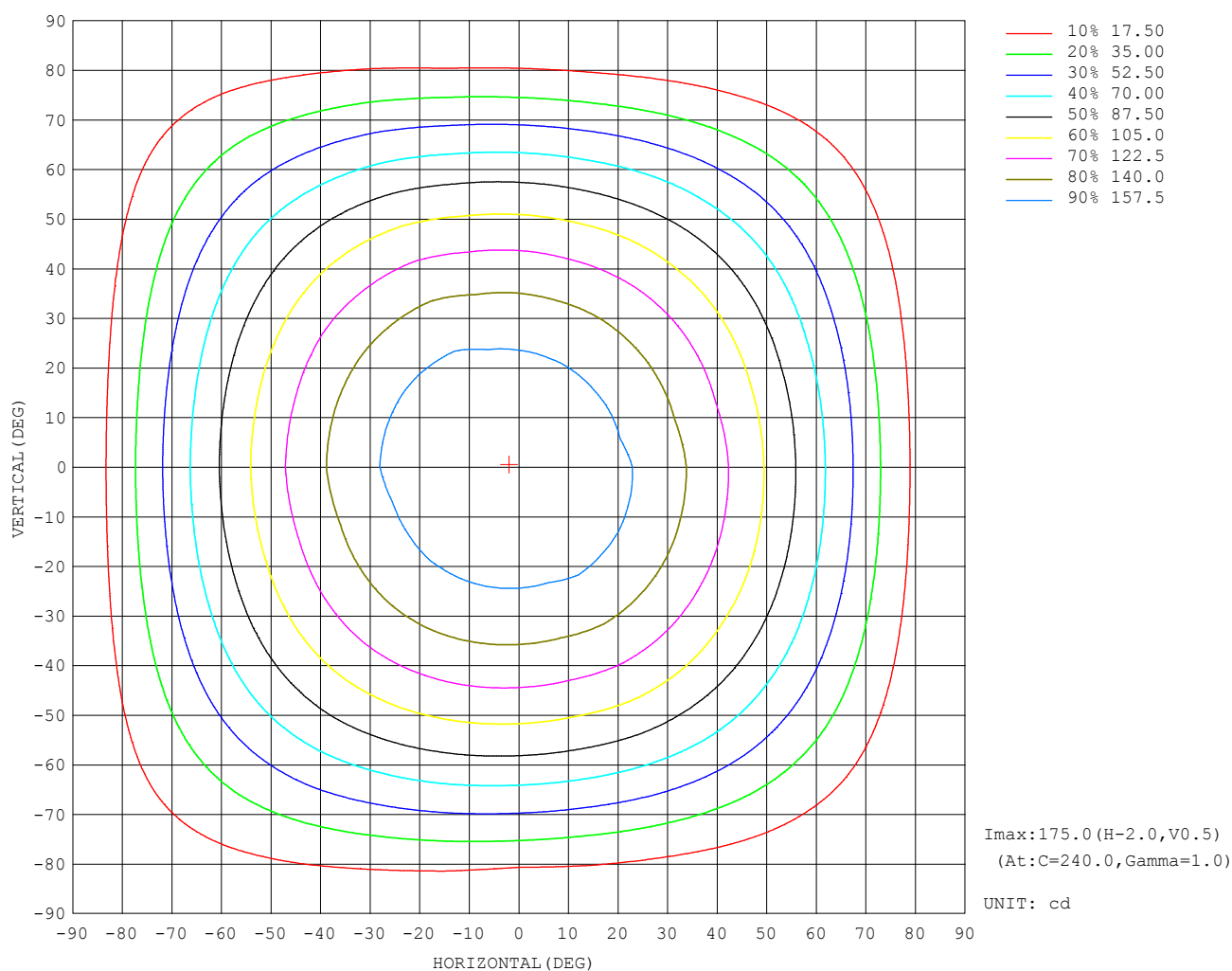
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.1DEG
 Operators: Bo Zou
 Test Date: 2021-05-17

Checker: Bo Zou

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 33.6%
 Test Distance: 10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

Assessor: Chunbo Zou

ISOCANDELA DIAGRAM



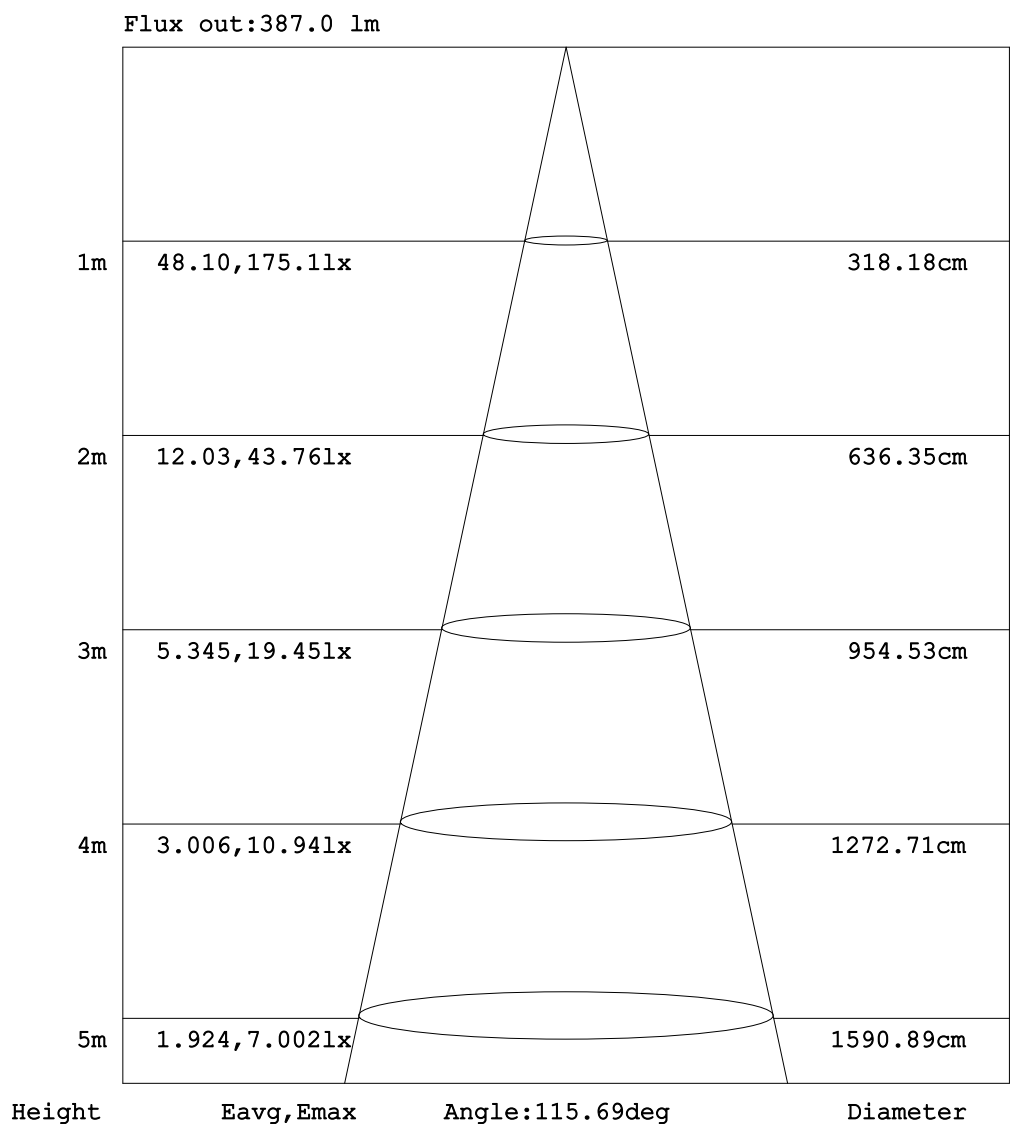
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 24.1DEG
Operators: Bo Zou
Test Date: 2021-05-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity: 33.6%
Test Distance: 10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

Checker: Bo Zou

Assessor: Chunbo Zou

AAI Figure



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

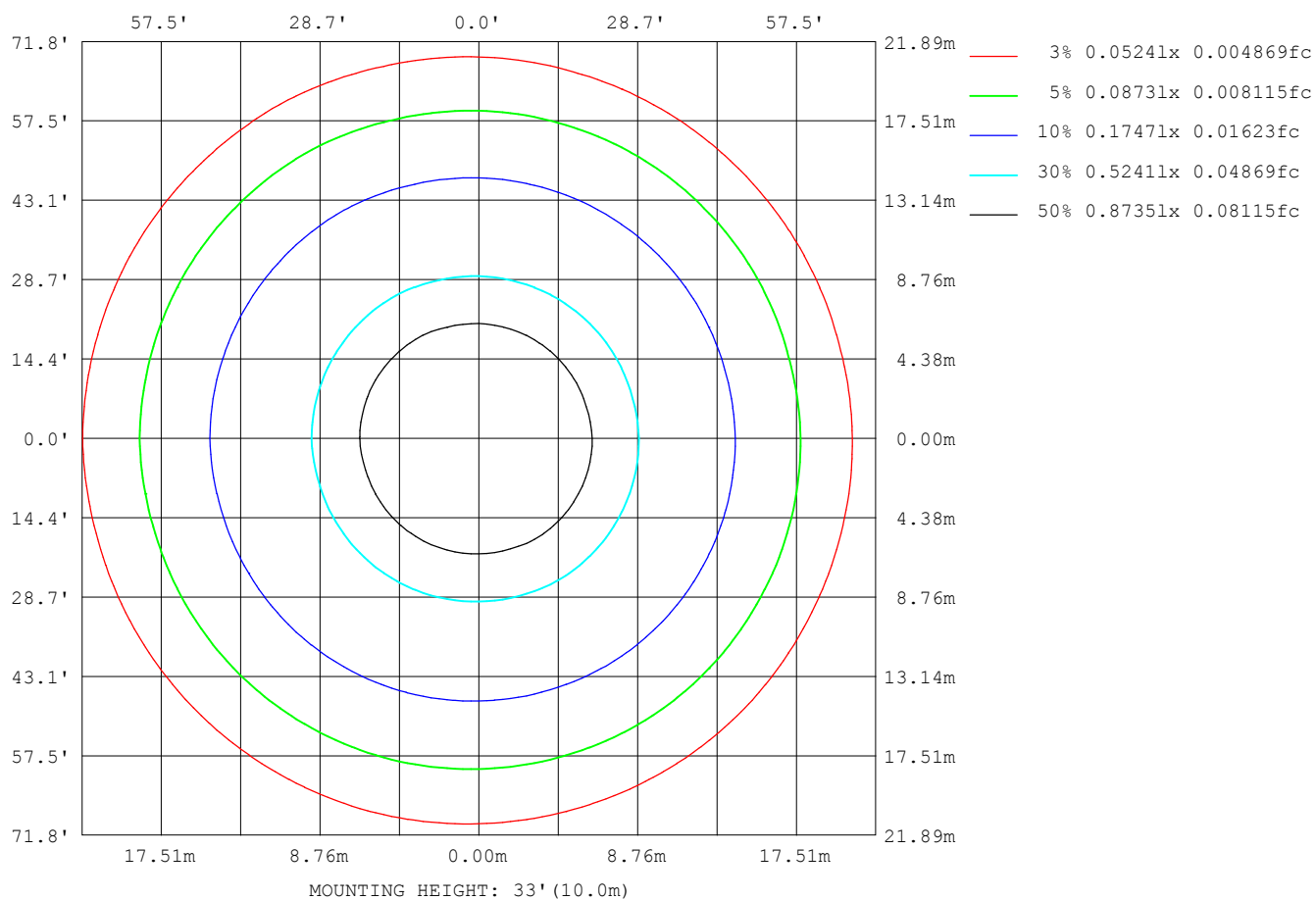
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 24.1DEG
Operators: Bo Zou
Test Date: 2021-05-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity: 33.6%
Test Distance: 10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

Checker: Bo Zou

Assessor: Chunbo Zou

ISOLUX DIAGRAM



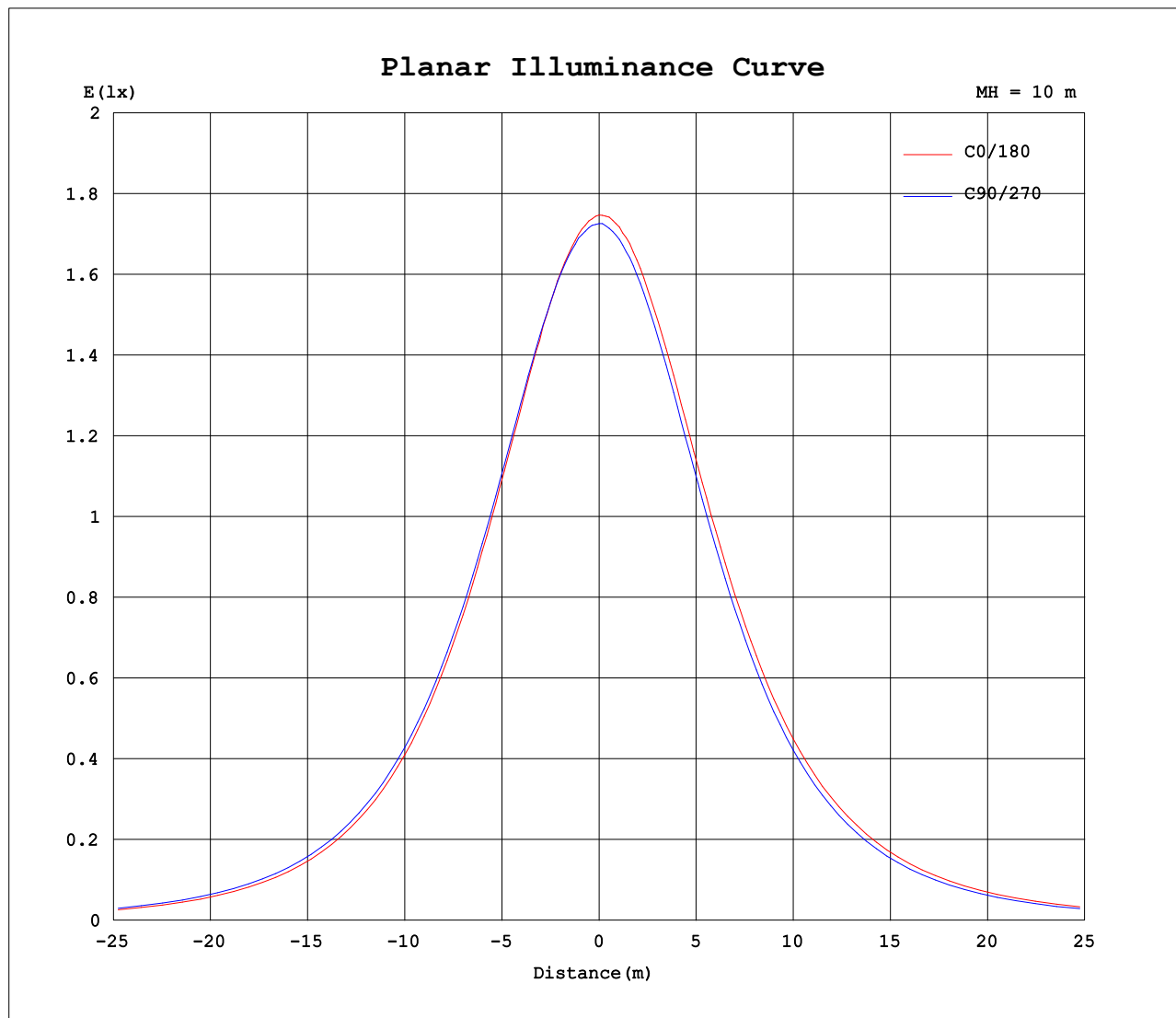
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 24.1DEG
Operators: Bo Zou
Test Date: 2021-05-17

Checker: Bo Zou

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity: 33.6%
Test Distance: 10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

Assessor: Chunbo Zou

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 24.1DEG
Operators: Bo Zou
Test Date: 2021-05-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity: 33.6%
Test Distance: 10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

Checker: Bo Zou

Assessor: Chunbo Zou

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	175	175	175	174	175	173	173	172	172	172	172	172	175	175	175	174	175	173	173
5	173	174	174	174	174	172	172	172	172	172	172	172	175	175	174	174	175	172	172
10	171	171	171	171	172	170	170	170	170	170	171	171	173	174	173	173	173	170	170
15	167	167	167	168	168	167	167	167	168	167	168	168	171	170	170	170	170	167	166
20	161	162	162	163	163	162	163	163	163	164	164	164	167	167	166	166	165	163	162
25	155	155	155	156	157	156	157	157	158	158	158	159	161	161	161	160	160	157	156
30	147	147	148	149	150	149	150	150	151	152	152	153	155	154	154	153	153	150	149
35	138	138	139	140	141	141	141	142	143	144	144	145	147	146	146	145	144	141	140
40	128	128	129	130	131	131	132	133	134	135	135	135	138	137	137	136	135	132	130
45	116	117	117	119	120	120	121	123	123	124	125	125	127	127	126	125	124	121	119
50	103	104	105	106	108	108	109	111	112	113	113	114	115	115	114	113	112	109	107
55	89.9	90.6	91.6	92.9	94.3	95.2	96.3	97.9	99.1	100.0	101	101	103	102	101	99.9	98.6	95.9	94.1
60	75.3	76.2	77.0	78.6	80.0	80.9	82.3	84.0	85.3	86.4	86.9	87.5	88.9	88.1	87.1	85.9	84.5	81.8	80.0
65	60.2	60.8	61.7	63.3	64.6	65.8	67.3	69.2	70.6	71.6	72.4	72.7	74.0	73.2	72.3	70.7	69.3	66.6	64.9
70	44.3	45.0	45.9	47.3	48.8	50.1	51.8	53.6	55.0	56.4	57.0	57.5	58.4	57.6	56.6	55.0	53.6	50.9	49.3
75	28.7	29.3	30.1	31.5	32.8	34.1	35.9	37.8	39.3	40.6	41.3	41.8	42.5	41.6	40.5	39.0	37.4	35.0	33.4
80	14.6	15.1	15.7	16.8	17.8	19.1	19.7	22.6	24.0	25.3	26.0	26.4	26.9	26.0	25.0	23.4	22.0	19.3	18.5
85	4.60	4.80	5.03	5.57	6.22	7.09	5.68	9.45	10.8	11.9	12.6	13.0	13.1	12.4	11.5	10.2	8.96	7.52	6.32
90	0.73	0.65	0.66	0.58	0.65	0.80	0.00	1.72	2.36	2.89	3.32	3.56	3.47	3.01	2.57	1.97	1.49	1.06	0.00
95	0.17	0.09	0.12	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.02	0.03	0.08	0.01	0.02	0.00	0.00	0.00
100	0.05	0.03	0.02	0.04	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.05	0.08	0.05	0.08	0.07	0.09	0.06	0.07	0.03	0.05	0.00	0.04	0.02	0.00	0.02	0.00	0.02	0.00	0.05
110	0.08	0.14	0.07	0.14	0.06	0.14	0.06	0.13	0.05	0.11	0.06	0.10	0.05	0.03	0.07	0.05	0.09	0.06	0.11
115	0.15	0.20	0.16	0.20	0.14	0.20	0.14	0.18	0.12	0.16	0.09	0.16	0.12	0.05	0.12	0.05	0.14	0.08	0.16
120	0.19	0.26	0.19	0.25	0.18	0.27	0.18	0.23	0.16	0.23	0.16	0.20	0.17	0.10	0.18	0.14	0.20	0.15	0.22
125	0.26	0.31	0.26	0.31	0.25	0.31	0.25	0.29	0.21	0.29	0.19	0.27	0.22	0.16	0.23	0.19	0.25	0.19	0.27
130	0.29	0.36	0.29	0.36	0.30	0.36	0.29	0.34	0.28	0.32	0.26	0.32	0.27	0.20	0.28	0.23	0.30	0.26	0.33
135	0.34	0.41	0.34	0.41	0.34	0.41	0.34	0.40	0.30	0.37	0.31	0.37	0.32	0.27	0.34	0.27	0.36	0.30	0.37
140	0.42	0.47	0.41	0.46	0.41	0.45	0.41	0.42	0.39	0.42	0.34	0.41	0.37	0.30	0.38	0.32	0.41	0.34	0.41
145	0.43	0.50	0.43	0.49	0.43	0.48	0.42	0.48	0.41	0.46	0.41	0.46	0.41	0.34	0.43	0.39	0.45	0.41	0.46
150	0.48	0.54	0.47	0.54	0.46	0.52	0.45	0.51	0.44	0.49	0.43	0.49	0.46	0.41	0.47	0.41	0.49	0.43	0.49
155	0.58	0.56	0.58	0.57	0.57	0.56	0.55	0.55	0.55	0.53	0.45	0.52	0.50	0.42	0.51	0.44	0.52	0.45	0.52
160	0.58	0.59	0.56	0.57	0.58	0.57	0.55	0.56	0.56	0.56	0.57	0.57	0.53	0.54	0.54	0.55	0.55	0.56	0.56
165	0.57	0.59	0.57	0.57	0.57	0.57	0.56	0.56	0.56	0.56	0.58	0.58	0.56	0.55	0.57	0.56	0.55	0.56	0.58
170	0.57	0.59	0.57	0.58	0.57	0.57	0.56	0.57	0.57	0.57	0.57	0.57	0.57	0.56	0.57	0.56	0.56	0.56	0.57
175	0.57	0.59	0.57	0.58	0.57	0.58	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.58	0.56	0.57	0.57	0.57
180	0.58	0.59	0.57	0.58	0.57	0.58	0.57	0.57	0.57	0.57	0.57	0.57	0.58	0.58	0.58	0.57	0.57	0.57	0.57

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24.1DEG
Operators:Bo Zou
Test Date:2021-05-17

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:33.6%
Test Distance:10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

Checker: Bo Zou

Assessor: Chunbo Zou

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345													
0	172	172	172	172	172													
5	171	171	171	171	171													
10	169	169	168	168	168													
15	165	165	164	164	164													
20	161	160	159	159	159													
25	154	154	153	153	152													
30	147	146	146	145	145													
35	139	138	137	136	136													
40	129	128	127	126	126													
45	118	117	116	115	115													
50	106	105	103	103	102													
55	92.4	91.2	90.0	89.4	89.0													
60	78.2	76.9	75.8	75.1	74.5													
65	63.1	61.9	60.6	60.0	59.4													
70	47.4	46.2	45.0	44.4	43.9													
75	31.8	30.7	29.6	29.0	28.5													
80	17.2	16.3	15.5	15.1	14.7													
85	4.87	5.59	5.22	5.04	4.78													
90	0.61	0.73	0.81	0.80	0.84													
95	0.00	0.00	0.08	0.06	0.19													
100	0.00	0.01	0.00	0.00	0.01													
105	0.01	0.05	0.01	0.05	0.02													
110	0.05	0.10	0.06	0.10	0.05													
115	0.09	0.16	0.09	0.16	0.09													
120	0.16	0.22	0.17	0.22	0.15													
125	0.20	0.27	0.20	0.27	0.19													
130	0.26	0.32	0.25	0.31	0.27													
135	0.30	0.37	0.30	0.37	0.30													
140	0.34	0.41	0.34	0.41	0.33													
145	0.41	0.45	0.41	0.45	0.41													
150	0.43	0.48	0.43	0.48	0.43													
155	0.48	0.52	0.48	0.52	0.46													
160	0.56	0.57	0.55	0.56	0.57													
165	0.57	0.57	0.58	0.56	0.56													
170	0.57	0.57	0.57	0.56	0.56													
175	0.56	0.56	0.57	0.57	0.57													
180	0.56	0.56	0.57	0.57	0.57													

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:24.1DEG
 Operators:Bo Zou
 Test Date:2021-05-17

Checker: Bo Zou

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:33.6%
 Test Distance:10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

Assessor: Chunbo Zou