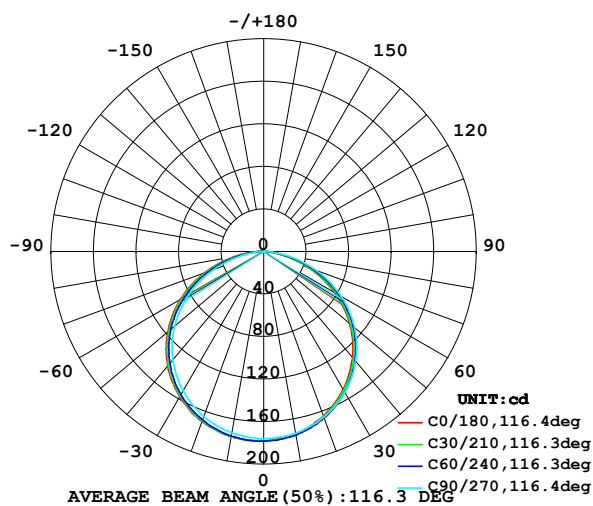


LUMINAIRE PHOTOMETRIC TEST REPORT

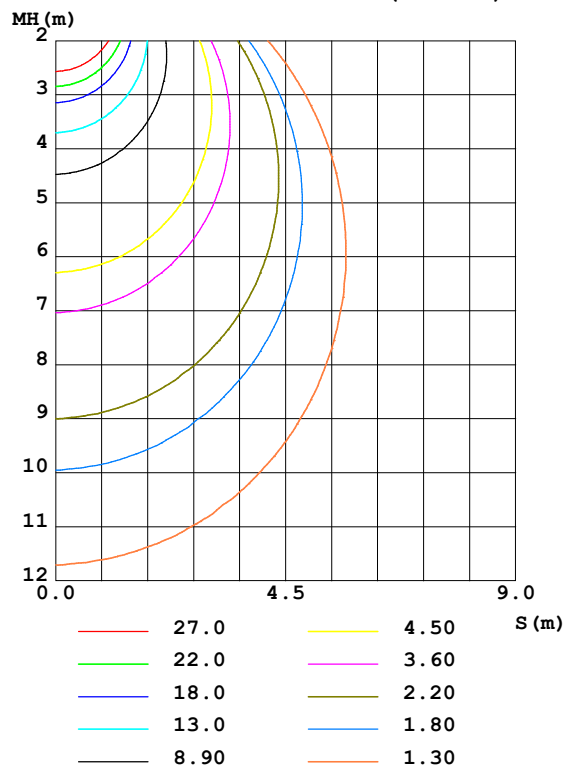
Test:U:24.00V I:0.2120A P:5.088W PF:1.000 Lamp Flux:517.166x1 lm		
NAME: LED Soft light bar	SUR.:0.08m*1.0m	SERIAL No.:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 103.68 lm/W			
MODEL	EKF5448HL90	I _{max} (cd)	178.6	S/MH (C0/180)	1.32
NOMINAL POWER(W)	/	LOR(%)	102.0	S/MH (C90/270)	1.28
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	527.51	η UP,DN(C0-180)	0.2,50.9
NOMINAL FLUX(lm)	517.166	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.2,50.8
LAMPS INSIDE	1	η up (%)	0.3	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down (%)	101.7	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

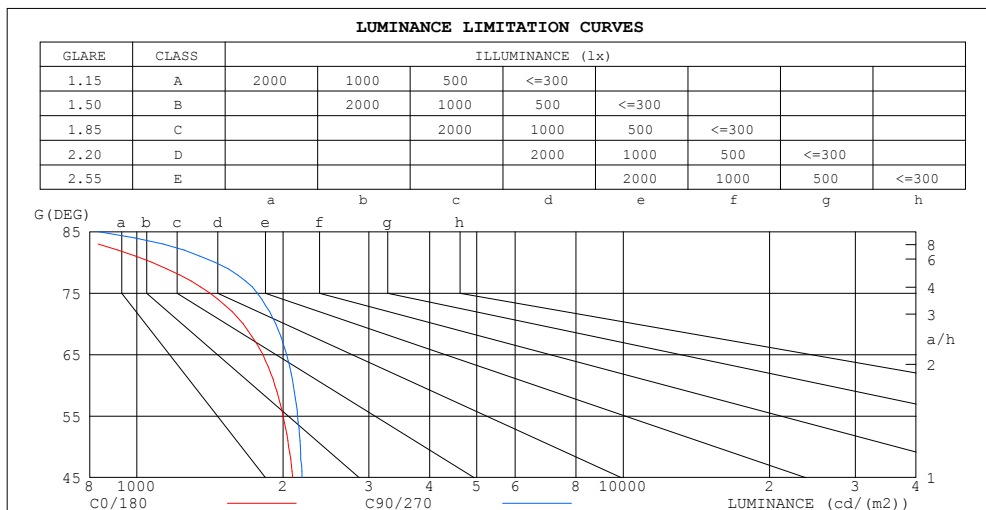
Checker: Bo Zou

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	174.0	174.9	173.5	173.8	176.8	176.5	173.2	171.5	0- 10	16.74	16.74	3.17,3.24
20	164.5	166.0	165.8	167.0	170.1	168.9	165.0	162.4	10- 20	48.20	64.94	12.3,12.6
30	149.8	151.7	152.8	154.9	157.8	156.0	151.5	148.5	20- 30	73.77	138.7	26.3,26.8
40	130.2	132.5	134.5	137.4	140.5	138.5	132.9	129.0	30- 40	90.15	228.9	43.4,44.3
50	105.6	108.4	111.6	115.0	117.7	115.2	109.4	105.3	40- 50	94.98	323.8	61.4,62.6
60	76.84	80.19	83.99	88.12	90.66	87.63	81.60	77.32	50- 60	87.13	411.0	77.9,79.5
70	45.23	48.24	52.81	57.50	59.58	56.14	50.25	45.87	60- 70	67.03	478.0	90.6,92.4
80	14.93	17.12	20.10	25.81	27.41	23.88	18.89	15.78	70- 80	37.88	515.9	97.8,99.7
90	0.7427	0.5959	0	2.950	3.543	2.005	0	0.8297	80- 90	9.945	525.8	99.7,102
100	0.0479	0.0399	0	0.0080	0	0	0.0001	0	90-100	0.2890	526.1	99.7,102
110	0.0796	0.1435	0.0636	0.1116	0.0560	0.0556	0.1115	0.0637	100-110	0.0446	526.1	99.7,102
120	0.1910	0.2549	0.1832	0.2310	0.1753	0.1433	0.2230	0.1752	110-120	0.1347	526.3	99.8,102
130	0.2962	0.3666	0.2947	0.3268	0.2710	0.2309	0.3347	0.2578	120-130	0.2203	526.5	99.8,102
140	0.4301	0.4701	0.4220	0.4302	0.3824	0.3266	0.4223	0.3504	130-140	0.2693	526.8	99.9,102
150	0.4937	0.5466	0.4541	0.5021	0.4701	0.4206	0.5019	0.4341	140-150	0.2756	527.0	99.9,102
160	0.5876	0.5828	0.5631	0.5736	0.5417	0.5656	0.5736	0.5576	150-160	0.2420	527.3	100,102
170	0.5840	0.5867	0.5739	0.5782	0.5790	0.5735	0.5851	0.5852	160-170	0.1638	527.5	100,102
180	0.5895	0.5895	0.5815	0.5815	0.5895	0.5815	0.5815	0.5815	170-180	0.0555	527.5	100,102
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	672	831
80	1074	1447
75	1413	1769
70	1653	1930
65	1817	2032
60	1921	2100
55	1998	2140
50	2053	2169
45	2093	2187

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

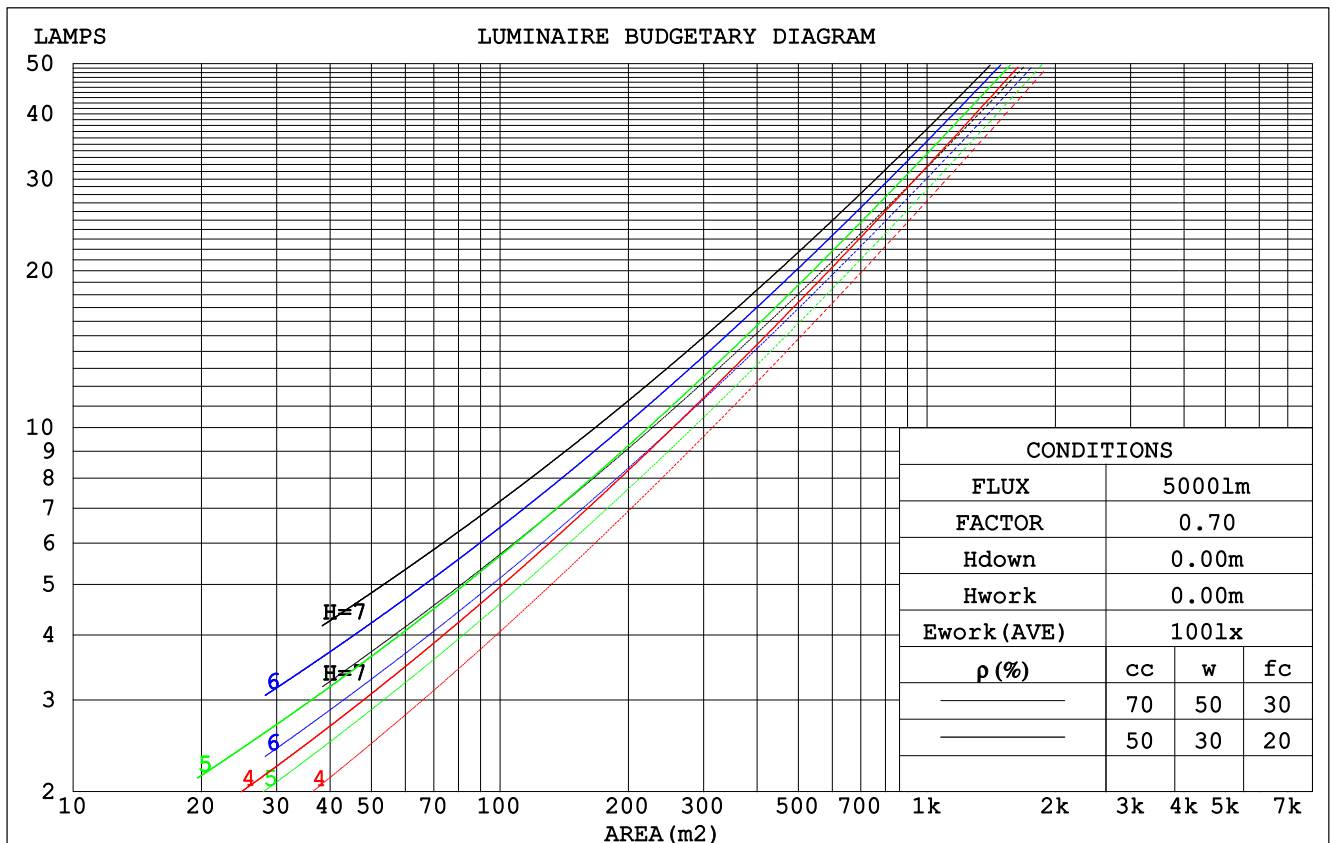
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:33.6%
Test Distance:10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

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	1.21	1.21	1.21	1.18	1.18	1.18	1.13	1.13	1.13	1.08	1.08	1.08	1.04	1.04	1.04	1.02
1.0	1.06	1.01	.97	1.03	.99	.96	.99	.96	.93	.95	.92	.90	.91	.89	.87	.85
2.0	.92	.85	.79	.90	.83	.78	.86	.81	.76	.83	.78	.74	.80	.76	.72	.70
3.0	.80	.72	.65	.79	.71	.65	.76	.69	.63	.73	.67	.62	.70	.65	.61	.59
4.0	.71	.62	.55	.70	.61	.55	.67	.60	.54	.65	.58	.53	.62	.57	.52	.50
5.0	.63	.54	.47	.62	.54	.47	.60	.52	.46	.58	.51	.46	.56	.50	.45	.43
6.0	.57	.48	.41	.56	.47	.41	.54	.46	.41	.52	.45	.40	.51	.45	.40	.38
7.0	.52	.43	.36	.51	.42	.36	.49	.41	.36	.48	.41	.35	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.45	.37	.32	.44	.37	.32	.42	.36	.31	.29
9.0	.43	.35	.29	.43	.34	.29	.41	.34	.29	.40	.33	.29	.39	.33	.28	.26
10.0	.40	.32	.26	.39	.31	.26	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24



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	.319	.181	.057	.312	.178	.056	.298	.171	.055	.285	.165	.053	.274	.159	.051	
2.0	.300	.165	.050	.294	.162	.050	.282	.157	.049	.271	.152	.048	.260	.147	.046	
3.0	.278	.148	.044	.272	.146	.044	.261	.142	.043	.251	.138	.042	.242	.134	.042	
4.0	.256	.133	.039	.251	.131	.039	.242	.128	.038	.233	.125	.038	.225	.122	.037	
5.0	.237	.121	.035	.232	.119	.035	.224	.117	.034	.216	.114	.034	.209	.111	.033	
6.0	.220	.110	.031	.216	.109	.031	.208	.107	.031	.201	.104	.031	.194	.102	.030	
7.0	.204	.101	.029	.201	.100	.028	.194	.098	.028	.188	.096	.028	.182	.094	.028	
8.0	.191	.093	.026	.187	.092	.026	.181	.091	.026	.176	.089	.026	.170	.087	.025	
9.0	.179	.086	.024	.176	.086	.024	.170	.084	.024	.165	.083	.024	.160	.081	.024	
10.0	.168	.080	.022	.165	.080	.022	.160	.079	.022	.156	.077	.022	.151	.076	.022	

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	.197	.197	.197	.168	.168	.168	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.187	.162	.139	.160	.139	.120	.109	.096	.083	.063	.055	.048	.020	.018	.016	
2.0	.179	.137	.102	.153	.118	.088	.105	.082	.062	.060	.047	.036	.019	.015	.012	
3.0	.171	.119	.078	.146	.103	.068	.101	.071	.047	.058	.042	.028	.019	.014	.009	
4.0	.163	.106	.062	.140	.091	.054	.096	.064	.038	.056	.037	.022	.018	.012	.007	
5.0	.156	.095	.050	.134	.082	.044	.092	.057	.031	.053	.034	.018	.017	.011	.006	
6.0	.148	.087	.042	.127	.075	.037	.088	.052	.026	.051	.031	.015	.016	.010	.005	
7.0	.141	.080	.036	.121	.069	.032	.084	.048	.022	.049	.028	.013	.016	.009	.004	
8.0	.135	.074	.032	.116	.064	.028	.080	.045	.020	.047	.026	.012	.015	.009	.004	
9.0	.128	.069	.028	.111	.060	.025	.077	.042	.017	.045	.025	.010	.014	.008	.003	
10.0	.123	.064	.025	.106	.056	.022	.073	.039	.016	.043	.023	.009	.014	.008	.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	15.2	16.7	15.4	16.9	17.1	15.5	17.0	15.8	17.2	17.4
3H	16.6	18.0	16.9	18.2	18.5	17.0	18.5	17.4	18.7	19.0
4H	17.0	18.4	17.4	18.6	18.9	17.6	19.0	18.0	19.3	19.5
6H	17.3	18.6	17.6	18.8	19.1	18.0	19.3	18.4	19.6	19.9
8H	17.3	18.6	17.7	18.8	19.1	18.1	19.3	18.5	19.6	19.9
12H	17.3	18.5	17.7	18.8	19.1	18.1	19.3	18.5	19.6	19.9
4H 2H	15.8	17.2	16.1	17.4	17.7	16.1	17.4	16.4	17.7	17.9
3H	17.4	18.5	17.7	18.8	19.2	17.8	19.0	18.1	19.3	19.6
4H	17.9	19.0	18.3	19.3	19.7	18.5	19.6	18.9	19.9	20.2
6H	18.3	19.2	18.7	19.6	20.0	19.0	19.9	19.4	20.3	20.7
8H	18.4	19.3	18.8	19.6	20.0	19.1	20.0	19.5	20.4	20.8
12H	18.4	19.2	18.8	19.6	20.0	19.2	20.0	19.6	20.4	20.8
8H 4H	18.2	19.1	18.6	19.4	19.8	18.7	19.6	19.1	19.9	20.3
6H	18.6	19.4	19.1	19.8	20.2	19.3	20.0	19.7	20.4	20.9
8H	18.8	19.4	19.2	19.9	20.3	19.5	20.1	20.0	20.6	21.0
12H	18.8	19.4	19.3	19.9	20.3	19.6	20.2	20.1	20.6	21.1
12H 4H	18.2	19.0	18.6	19.4	19.8	18.7	19.5	19.1	19.9	20.3
6H	18.7	19.3	19.1	19.8	20.2	19.3	20.0	19.8	20.4	20.9
8H	18.8	19.4	19.3	19.9	20.3	19.5	20.1	20.0	20.6	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

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

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	46	39	57	46	39	56	45	38	32
0.80	68	56	49	67	56	48	65	55	48	41
1.00	77	65	58	76	65	58	73	66	57	50
1.25	84	73	66	83	73	65	80	71	65	57
1.50	89	79	72	88	78	71	84	76	70	62
2.00	96	88	81	94	86	80	91	84	79	70
2.50	100	92	86	98	91	85	94	88	83	75
3.00	104	97	91	102	95	90	98	92	88	79
4.00	108	102	97	106	100	96	101	97	93	84
5.00	111	106	101	108	104	100	103	100	97	87
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

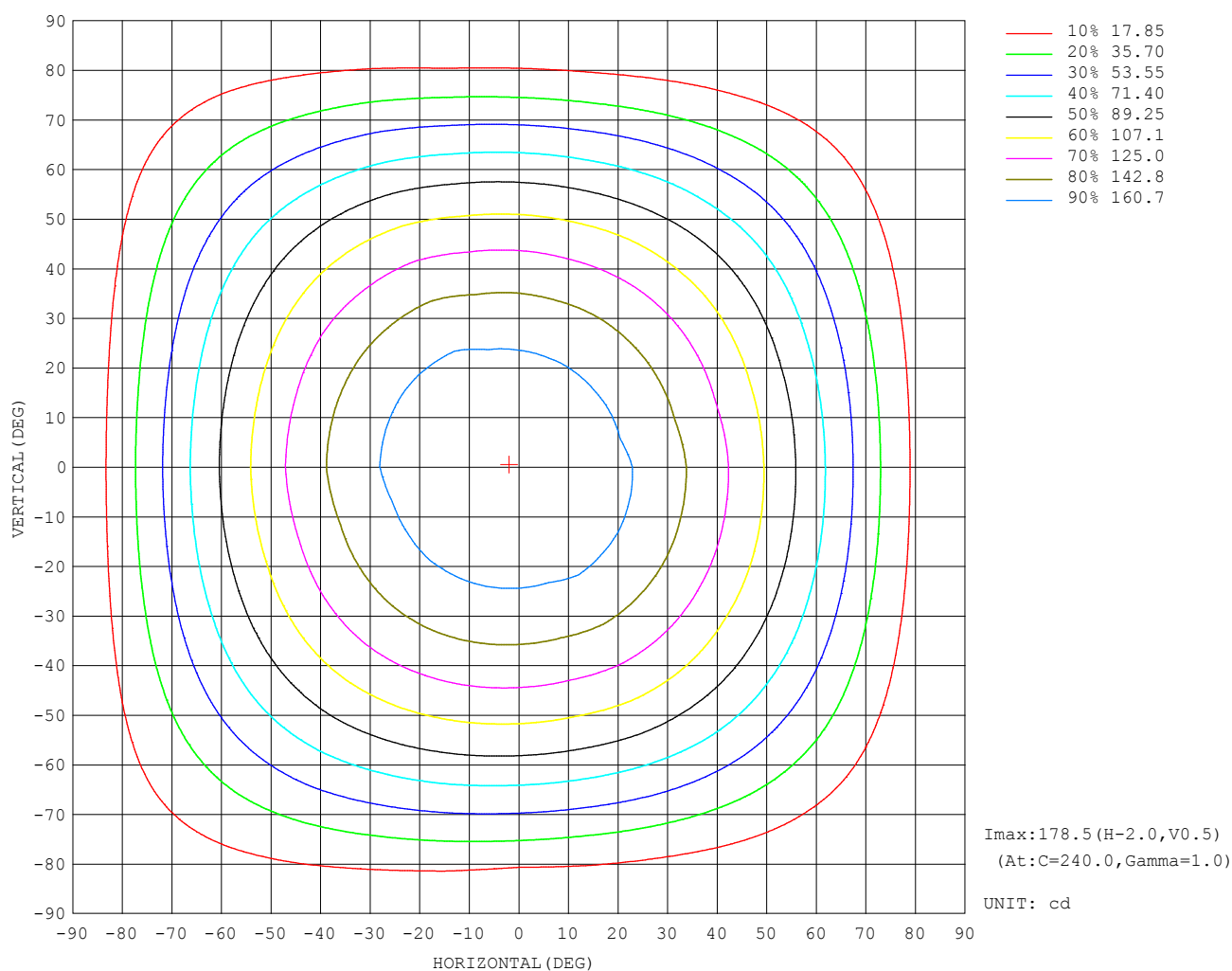
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.1DEG
 Operators: Bo Zou
 Test Date: 2021-05-17

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



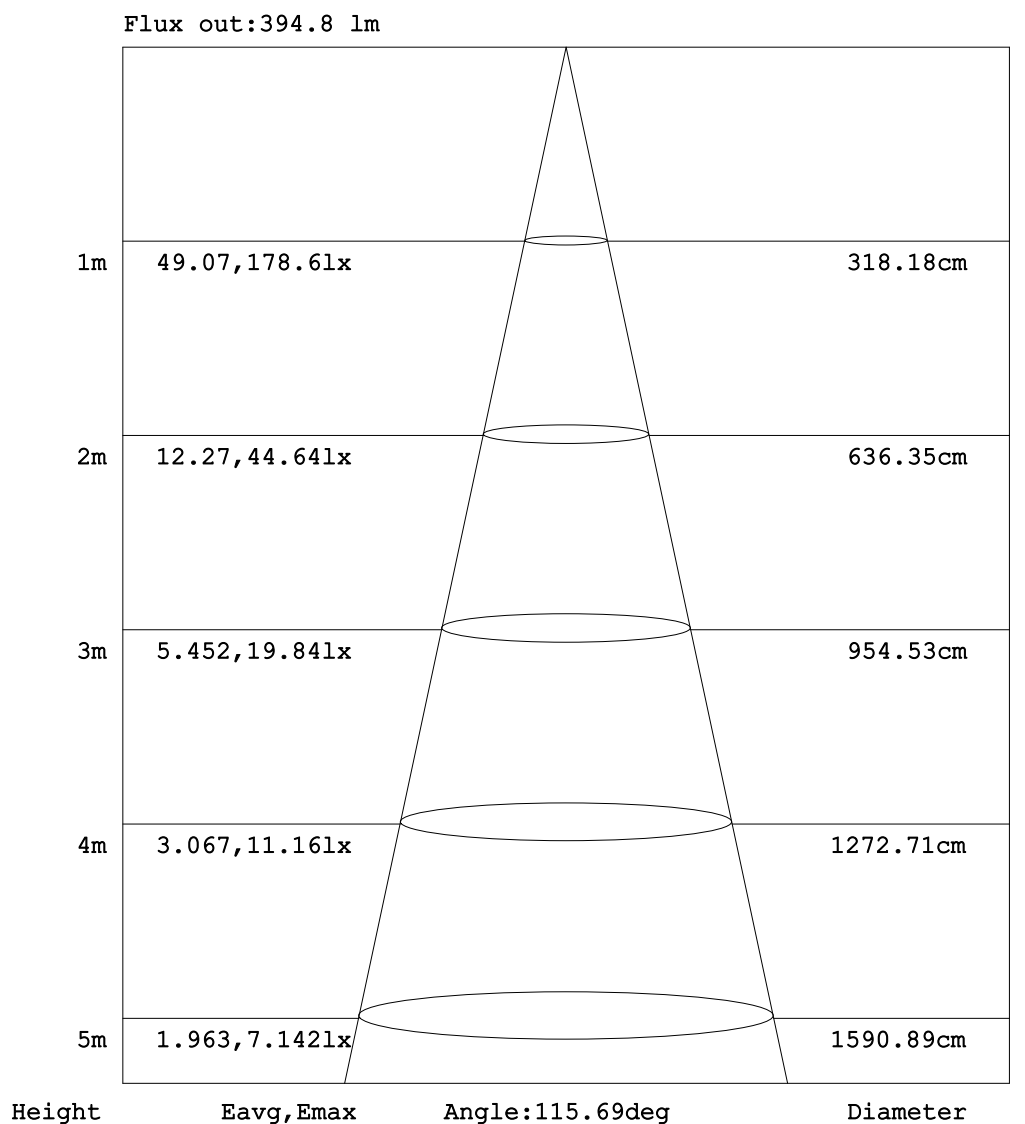
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 24.1DEG
Operators: Bo Zou
Test Date: 2021-05-17

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.

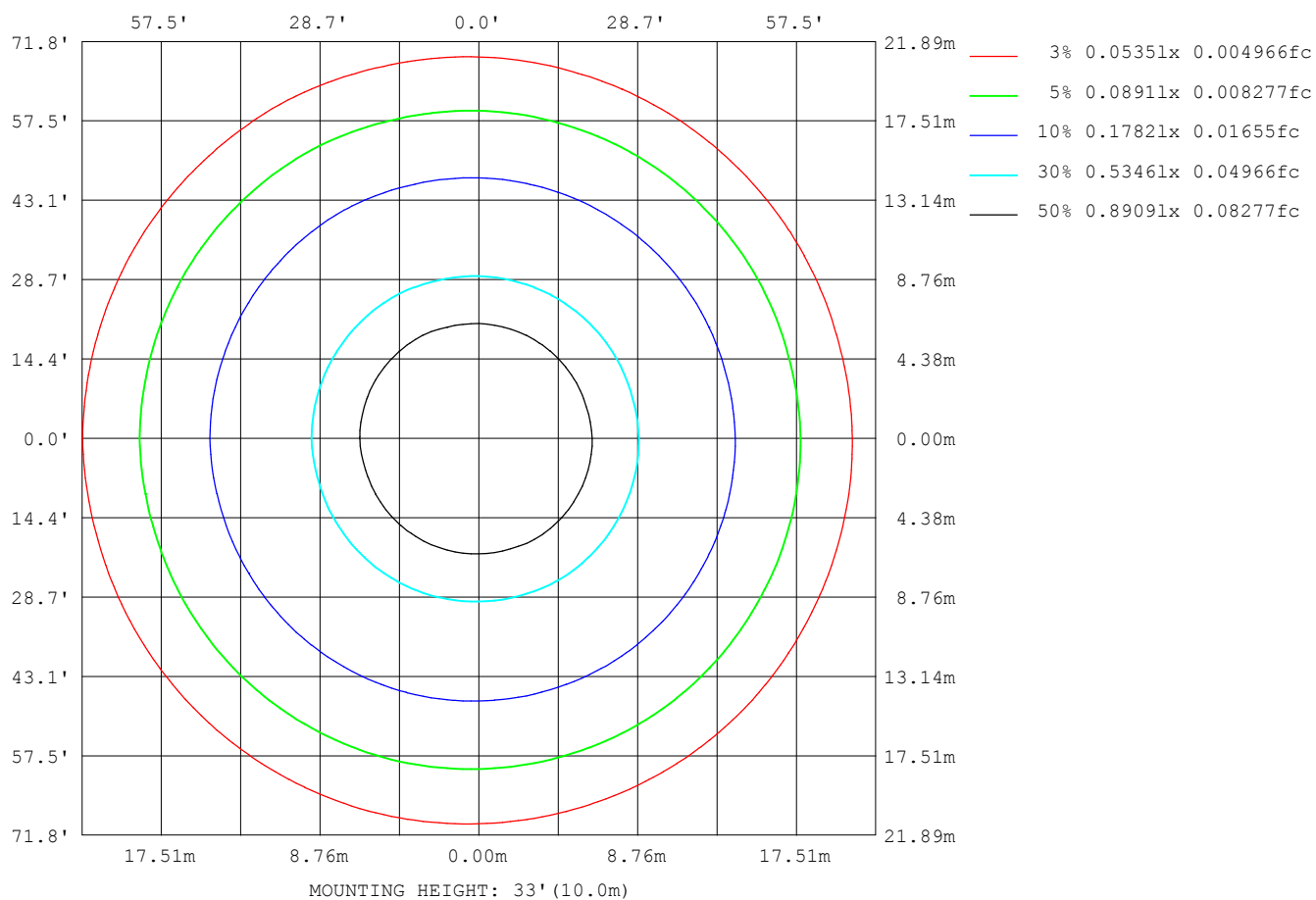
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24.1DEG
Operators:Bo Zou
Test Date:2021-05-17

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



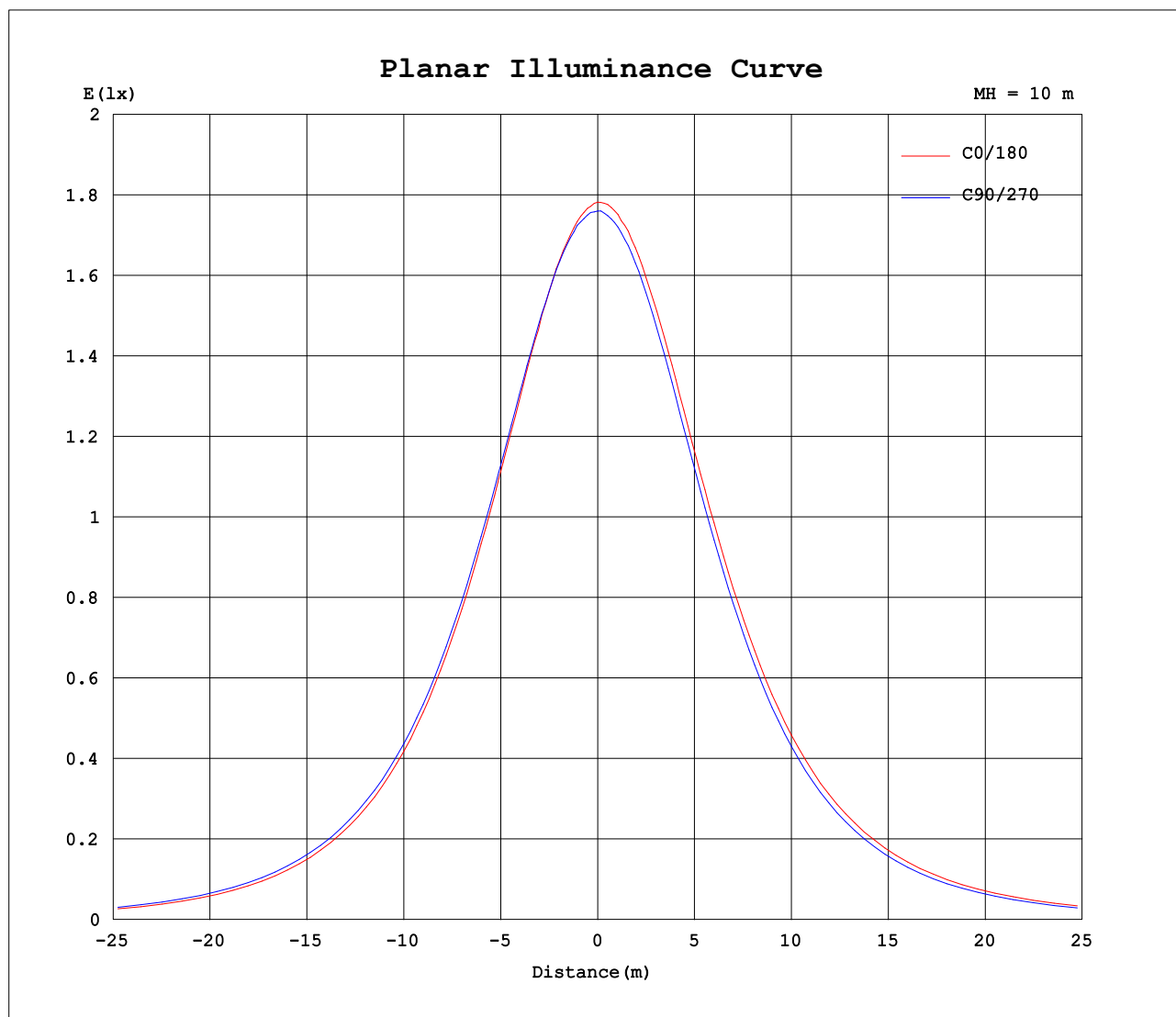
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.1DEG
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Checker: Bo Zou

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	178	178	178	178	178	176	176	176	175	175	175	175	178	178	178	178	178	176	176
5	177	177	177	177	177	176	175	175	175	176	175	176	178	178	178	178	178	176	175
10	174	174	175	175	175	174	174	174	174	174	174	174	177	177	177	176	176	174	173
15	170	170	170	171	172	170	170	171	171	171	171	172	174	174	174	173	173	170	170
20	165	165	165	166	166	165	166	166	166	167	167	167	170	170	170	169	169	166	165
25	158	158	159	159	160	159	160	160	161	161	162	162	165	164	164	163	163	160	159
30	150	150	151	152	153	152	153	153	154	155	155	156	158	157	157	156	156	153	152
35	140	141	142	143	144	143	144	145	146	147	147	147	150	149	149	148	147	144	143
40	130	131	131	132	134	134	134	136	137	137	138	138	141	140	139	138	137	134	133
45	118	119	120	121	122	123	124	125	126	127	127	128	130	129	129	127	126	123	122
50	106	106	107	108	110	110	112	113	114	115	115	116	118	117	116	115	114	111	109
55	91.7	92.5	93.4	94.8	96.1	97.1	98.2	99.8	101	102	103	103	105	104	103	102	101	97.9	96.0
60	76.8	77.7	78.5	80.2	81.6	82.5	84.0	85.6	87.0	88.1	88.6	89.2	90.7	89.8	88.9	87.6	86.2	83.4	81.6
65	61.4	62.1	62.9	64.6	65.9	67.1	68.7	70.6	72.0	73.1	73.8	74.2	75.4	74.7	73.7	72.1	70.7	67.9	66.2
70	45.2	45.9	46.8	48.2	49.8	51.1	52.8	54.7	56.1	57.5	58.2	58.7	59.6	58.8	57.7	56.1	54.6	51.9	50.3
75	29.3	29.9	30.7	32.1	33.5	34.8	36.6	38.6	40.1	41.4	42.1	42.6	43.3	42.4	41.3	39.8	38.1	35.7	34.1
80	14.9	15.4	16.0	17.1	18.2	19.5	20.1	23.0	24.5	25.8	26.5	27.0	27.4	26.5	25.5	23.9	22.4	19.7	18.9
85	4.69	4.90	5.13	5.68	6.35	7.23	5.79	9.64	11.0	12.2	12.8	13.2	13.4	12.6	11.7	10.4	9.14	7.67	6.45
90	0.74	0.66	0.67	0.60	0.66	0.82	0.00	1.76	2.41	2.95	3.38	3.63	3.54	3.07	2.62	2.01	1.52	1.09	0.00
95	0.18	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	0.06	0.08	0.05	0.08	0.07	0.09	0.06	0.07	0.03	0.06	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	0.06	0.11	0.06	0.10	0.06	0.03	0.07	0.06	0.09	0.06	0.11
115	0.16	0.21	0.17	0.21	0.14	0.20	0.14	0.18	0.12	0.17	0.09	0.16	0.12	0.06	0.13	0.06	0.14	0.08	0.17
120	0.19	0.26	0.19	0.25	0.18	0.27	0.18	0.24	0.16	0.23	0.16	0.21	0.18	0.10	0.18	0.14	0.21	0.15	0.22
125	0.26	0.32	0.26	0.32	0.25	0.32	0.25	0.29	0.22	0.29	0.19	0.27	0.22	0.17	0.24	0.19	0.26	0.19	0.27
130	0.30	0.37	0.30	0.37	0.30	0.37	0.29	0.35	0.28	0.33	0.26	0.33	0.27	0.21	0.29	0.23	0.31	0.26	0.33
135	0.35	0.42	0.35	0.41	0.34	0.41	0.34	0.41	0.31	0.38	0.32	0.37	0.33	0.28	0.35	0.28	0.37	0.30	0.37
140	0.43	0.48	0.42	0.47	0.42	0.45	0.42	0.43	0.40	0.43	0.35	0.41	0.38	0.31	0.39	0.33	0.41	0.34	0.42
145	0.44	0.51	0.44	0.50	0.44	0.49	0.43	0.49	0.42	0.47	0.41	0.47	0.42	0.35	0.44	0.40	0.46	0.41	0.47
150	0.49	0.55	0.48	0.55	0.47	0.53	0.45	0.52	0.45	0.50	0.43	0.50	0.47	0.41	0.48	0.42	0.50	0.43	0.50
155	0.59	0.57	0.59	0.58	0.58	0.57	0.56	0.57	0.56	0.54	0.46	0.53	0.51	0.43	0.52	0.45	0.53	0.46	0.53
160	0.59	0.60	0.58	0.58	0.59	0.58	0.56	0.57	0.57	0.57	0.58	0.58	0.54	0.55	0.55	0.57	0.56	0.57	0.57
165	0.59	0.60	0.58	0.58	0.59	0.58	0.57	0.58	0.58	0.58	0.59	0.59	0.57	0.56	0.58	0.57	0.57	0.57	0.59
170	0.58	0.60	0.58	0.59	0.58	0.59	0.57	0.58	0.58	0.58	0.58	0.58	0.58	0.57	0.58	0.57	0.57	0.57	0.59
175	0.58	0.60	0.58	0.59	0.58	0.59	0.58	0.58	0.58	0.58	0.58	0.58	0.59	0.58	0.59	0.57	0.58	0.58	0.58
180	0.59	0.60	0.58	0.59	0.58	0.59	0.58	0.58	0.58	0.58	0.58	0.58	0.59	0.59	0.59	0.58	0.58	0.58	0.58

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	176	175	175	175	175														
5	174	174	174	174	174														
10	172	172	172	171	171														
15	169	168	168	167	167														
20	164	163	162	162	162														
25	157	157	156	156	155														
30	150	149	149	148	148														
35	141	140	139	139	138														
40	132	130	129	129	128														
45	120	119	118	117	117														
50	108	107	105	105	104														
55	94.2	93.0	91.8	91.2	90.8														
60	79.8	78.5	77.3	76.6	76.0														
65	64.3	63.1	61.8	61.2	60.6														
70	48.3	47.1	45.9	45.3	44.8														
75	32.4	31.3	30.1	29.6	29.1														
80	17.5	16.7	15.8	15.4	15.0														
85	4.96	5.70	5.32	5.14	4.87														
90	0.62	0.75	0.83	0.81	0.86														
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	0.06	0.01	0.05	0.02														
110	0.06	0.10	0.06	0.10	0.06														
115	0.10	0.17	0.09	0.16	0.09														
120	0.16	0.22	0.18	0.22	0.15														
125	0.21	0.27	0.20	0.27	0.20														
130	0.26	0.33	0.26	0.32	0.27														
135	0.31	0.37	0.30	0.37	0.30														
140	0.35	0.42	0.35	0.41	0.33														
145	0.42	0.45	0.41	0.46	0.41														
150	0.44	0.49	0.43	0.49	0.44														
155	0.49	0.53	0.49	0.53	0.47														
160	0.57	0.58	0.56	0.57	0.58														
165	0.58	0.59	0.59	0.57	0.57														
170	0.58	0.58	0.59	0.58	0.57														
175	0.57	0.58	0.58	0.58	0.58														
180	0.57	0.57	0.58	0.58	0.58														

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