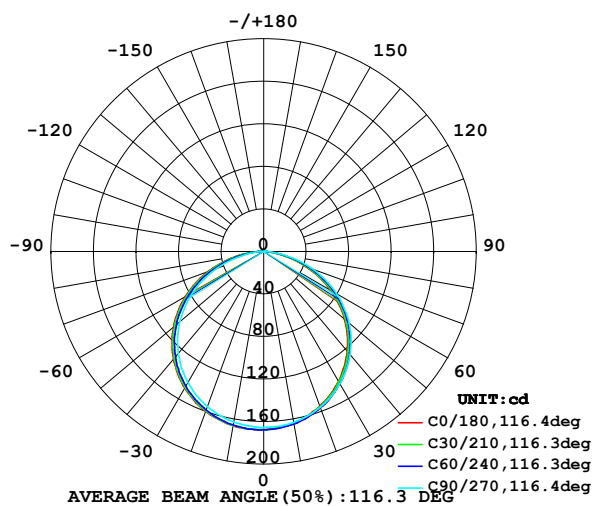


LUMINAIRE PHOTOMETRIC TEST REPORT

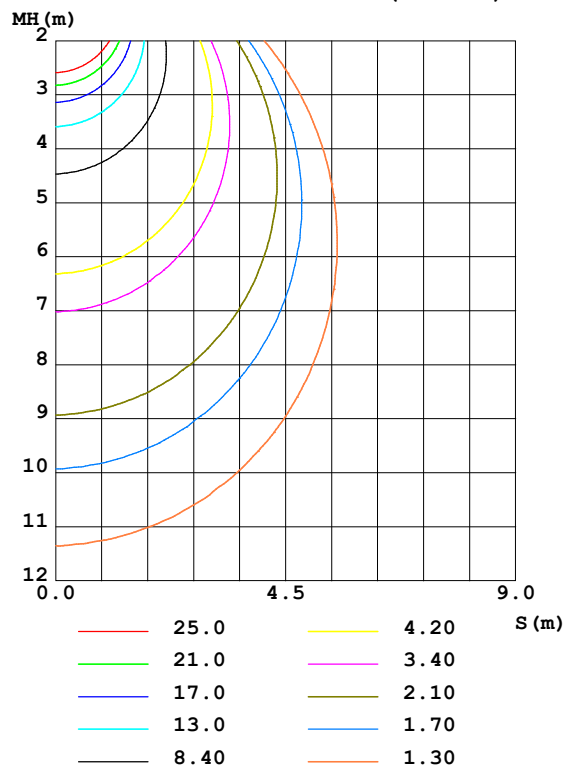
Test:U:24.00V I:0.2110A P:5.064W PF:1.000 Lamp Flux:522.235x1 lm		
NAME: LED Soft light bar	SUR.:0.08m*1.0m	SERIAL No.:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 97.97 lm/W			
MODEL	EKF5248HL90	I _{max} (cd)	168.0	S/MH (C0/180)	1.32
NOMINAL POWER(W)	/	LOR(%)	95.0	S/MH (C90/270)	1.28
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	496.12	η UP,DN(C0-180)	0.2,47.4
NOMINAL FLUX(lm)	522.235	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,47.3
LAMPS INSIDE	1	η up (%)	0.3	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down (%)	94.7	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

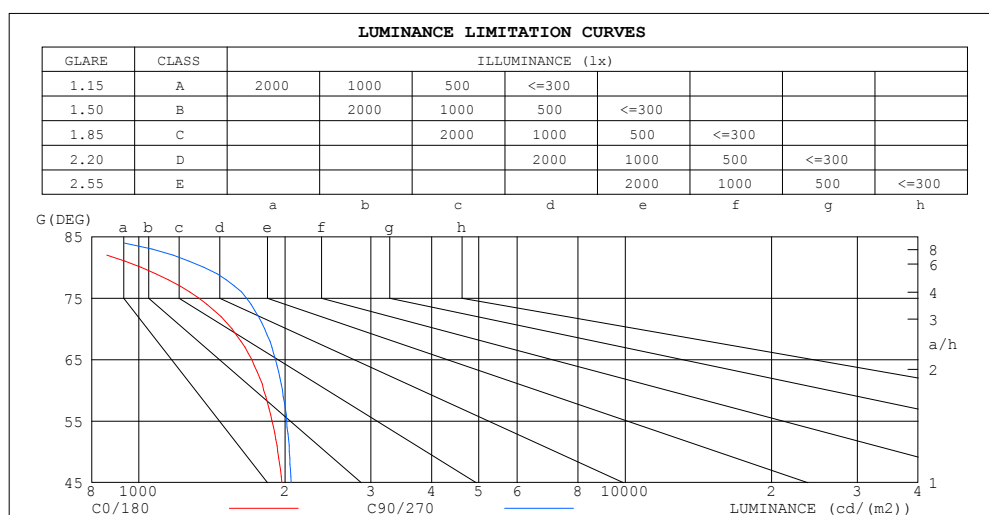
Checker: Bo Zou

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	163.7	164.5	163.2	163.4	166.3	166.0	162.9	161.3	0- 10	15.75	15.75	3.17,3.02
20	154.8	156.1	155.9	157.1	159.9	158.8	155.2	152.8	10- 20	45.33	61.08	12.3,11.7
30	140.8	142.7	143.7	145.7	148.4	146.7	142.5	139.7	20- 30	69.38	130.5	26.3,25
40	122.5	124.6	126.5	129.2	132.2	130.2	125.0	121.4	30- 40	84.79	215.2	43.4,41.2
50	99.28	102.0	104.9	108.1	110.7	108.4	102.9	99.01	40- 50	89.32	304.6	61.4,58.3
60	72.27	75.42	78.99	82.87	85.27	82.42	76.75	72.72	50- 60	81.94	386.5	77.9,74
70	42.54	45.37	49.67	54.08	56.03	52.80	47.26	43.14	60- 70	63.04	449.6	90.6,86.1
80	14.04	16.10	18.91	24.27	25.78	22.45	17.76	14.84	70- 80	35.62	485.2	97.8,92.9
90	0.6985	0.5605	0	2.774	3.332	1.886	0	0.7803	80- 90	9.353	494.5	99.7,94.7
100	0.0450	0.0375	0	0.0075	0	0	0.0001	0	90-100	0.2718	494.8	99.7,94.7
110	0.0748	0.1350	0.0598	0.1049	0.0527	0.0523	0.1049	0.0599	100-110	0.0419	494.8	99.7,94.8
120	0.1797	0.2398	0.1723	0.2173	0.1648	0.1348	0.2098	0.1648	110-120	0.1267	495.0	99.8,94.8
130	0.2786	0.3448	0.2772	0.3073	0.2549	0.2172	0.3148	0.2425	120-130	0.2072	495.2	99.8,94.8
140	0.4045	0.4422	0.3969	0.4046	0.3596	0.3071	0.3971	0.3296	130-140	0.2532	495.4	99.9,94.9
150	0.4643	0.5141	0.4270	0.4722	0.4421	0.3956	0.4720	0.4083	140-150	0.2592	495.7	99.9,94.9
160	0.5526	0.5481	0.5296	0.5394	0.5095	0.5319	0.5394	0.5244	150-160	0.2276	495.9	100,95
170	0.5493	0.5518	0.5398	0.5438	0.5446	0.5394	0.5503	0.5504	160-170	0.1540	496.1	100,95
180	0.5544	0.5544	0.5469	0.5469	0.5544	0.5469	0.5469	0.5469	170-180	0.0522	496.1	100,95
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	632	782
80	1010	1361
75	1329	1664
70	1555	1815
65	1709	1911
60	1807	1975
55	1879	2013
50	1931	2040
45	1968	2057

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

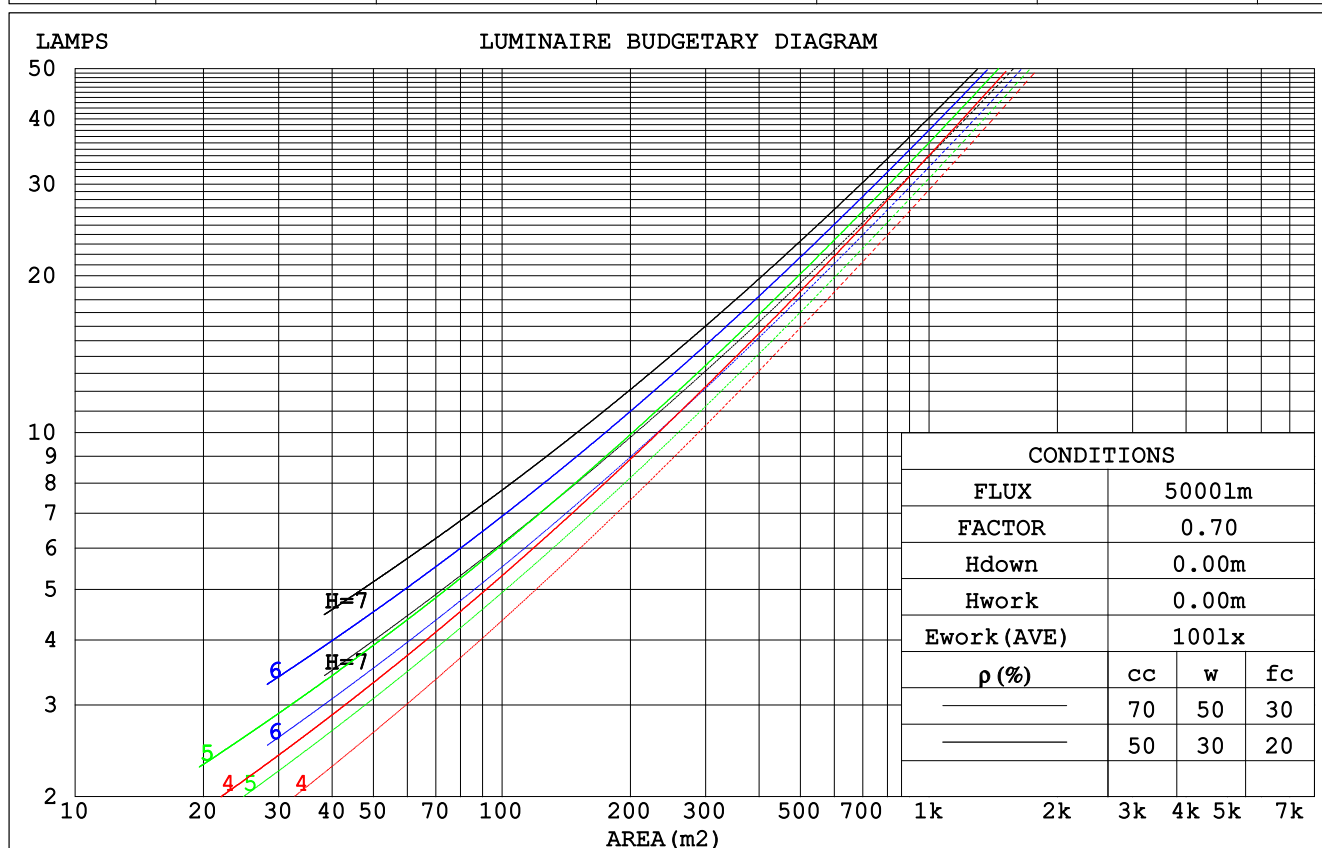
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:33.6%
 Test Distance:10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

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	1.13	1.13	1.13	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.97	.97	.97	.95
1.0	.98	.94	.91	.96	.93	.89	.92	.89	.86	.88	.86	.84	.85	.83	.81	.79
2.0	.86	.79	.73	.84	.78	.73	.80	.75	.71	.77	.73	.69	.74	.71	.68	.65
3.0	.75	.67	.61	.73	.66	.60	.71	.64	.59	.68	.63	.58	.65	.61	.57	.55
4.0	.66	.58	.51	.65	.57	.51	.63	.56	.50	.60	.54	.49	.58	.53	.49	.47
5.0	.59	.50	.44	.58	.50	.44	.56	.49	.43	.54	.48	.43	.52	.47	.42	.40
6.0	.53	.44	.38	.52	.44	.38	.50	.43	.38	.49	.42	.37	.47	.41	.37	.35
7.0	.48	.40	.34	.47	.39	.34	.46	.39	.33	.44	.38	.33	.43	.37	.33	.31
8.0	.44	.36	.30	.43	.35	.30	.42	.35	.30	.41	.34	.29	.39	.34	.29	.27
9.0	.40	.32	.27	.40	.32	.27	.38	.32	.27	.37	.31	.27	.36	.31	.26	.25
10.0	.37	.29	.24	.37	.29	.24	.36	.29	.24	.35	.28	.24	.34	.28	.24	.22



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	.297	.169	.054	.290	.166	.053	.277	.159	.051	.266	.153	.049	.255	.148	.048	
2.0	.280	.153	.047	.274	.151	.046	.262	.146	.045	.252	.141	.044	.242	.137	.043	
3.0	.259	.138	.041	.253	.136	.041	.243	.132	.040	.234	.128	.039	.226	.125	.039	
4.0	.239	.124	.036	.234	.122	.036	.225	.119	.036	.217	.116	.035	.209	.114	.035	
5.0	.221	.112	.033	.216	.111	.032	.209	.109	.032	.201	.106	.032	.194	.104	.031	
6.0	.204	.102	.029	.201	.101	.029	.194	.099	.029	.187	.097	.029	.181	.095	.028	
7.0	.190	.094	.027	.187	.093	.027	.181	.091	.026	.175	.090	.026	.169	.088	.026	
8.0	.178	.087	.024	.175	.086	.024	.169	.084	.024	.164	.083	.024	.159	.081	.024	
9.0	.166	.080	.022	.164	.080	.022	.159	.078	.022	.154	.077	.022	.149	.076	.022	
10.0	.156	.075	.021	.154	.074	.021	.149	.073	.021	.145	.072	.020	.141	.071	.020	

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	.183	.183	.183	.157	.157	.157	.107	.107	.107	.061	.061	.061	.020	.020	.020	
1.0	.174	.151	.130	.149	.129	.112	.102	.089	.077	.059	.051	.045	.019	.017	.015	
2.0	.166	.128	.095	.142	.110	.082	.098	.076	.057	.056	.044	.034	.018	.014	.011	
3.0	.159	.111	.073	.136	.096	.063	.094	.067	.044	.054	.039	.026	.017	.013	.009	
4.0	.152	.098	.057	.130	.085	.050	.090	.059	.035	.052	.035	.021	.017	.011	.007	
5.0	.145	.089	.047	.124	.077	.041	.086	.054	.029	.050	.031	.017	.016	.010	.006	
6.0	.138	.081	.039	.119	.070	.034	.082	.049	.024	.047	.029	.014	.015	.009	.005	
7.0	.132	.074	.034	.113	.064	.029	.078	.045	.021	.045	.027	.012	.015	.009	.004	
8.0	.125	.069	.030	.108	.059	.026	.075	.042	.018	.043	.025	.011	.014	.008	.004	
9.0	.120	.064	.026	.103	.055	.023	.071	.039	.016	.042	.023	.010	.013	.008	.003	
10.0	.114	.060	.024	.098	.052	.021	.068	.037	.015	.040	.022	.009	.013	.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	15.0	16.5	15.2	16.7	16.9	15.3	16.8	15.6	17.0	17.2
3H	16.3	17.8	16.6	18.0	18.2	16.8	18.3	17.1	18.5	18.7
4H	16.8	18.2	17.1	18.4	18.7	17.4	18.8	17.8	19.0	19.3
6H	17.1	18.3	17.4	18.6	18.9	17.8	19.1	18.2	19.4	19.7
8H	17.1	18.3	17.5	18.6	18.9	17.9	19.1	18.3	19.4	19.7
12H	17.1	18.3	17.5	18.6	18.9	17.9	19.1	18.3	19.4	19.7
4H 2H	15.6	16.9	15.9	17.2	17.5	15.8	17.2	16.2	17.4	17.7
3H	17.1	18.3	17.5	18.6	18.9	17.6	18.7	17.9	19.0	19.4
4H	17.7	18.8	18.1	19.1	19.5	18.3	19.4	18.7	19.7	20.0
6H	18.1	19.0	18.5	19.4	19.8	18.8	19.7	19.2	20.1	20.5
8H	18.2	19.0	18.6	19.4	19.8	18.9	19.8	19.3	20.2	20.6
12H	18.2	19.0	18.6	19.4	19.8	19.0	19.8	19.4	20.2	20.6
8H 4H	18.0	18.9	18.4	19.2	19.6	18.5	19.4	18.9	19.7	20.1
6H	18.4	19.2	18.9	19.6	20.0	19.1	19.8	19.5	20.2	20.7
8H	18.6	19.2	19.0	19.6	20.1	19.3	19.9	19.7	20.4	20.8
12H	18.6	19.2	19.1	19.6	20.1	19.4	20.0	19.9	20.4	20.9
12H 4H	18.0	18.8	18.4	19.2	19.6	18.5	19.3	18.9	19.7	20.1
6H	18.5	19.1	18.9	19.6	20.0	19.1	19.7	19.6	20.2	20.6
8H	18.6	19.2	19.1	19.6	20.1	19.3	19.9	19.8	20.3	20.8
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 522.2 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) $k(RI) \times RCR = 5$									
$k = 0.60$	54	43	36	53	43	36	52	42	36	30
0.80	64	52	45	63	52	45	61	51	45	38
1.00	72	61	54	70	60	54	68	62	53	46
1.25	78	68	61	77	68	61	74	66	60	53
1.50	83	74	67	82	73	66	79	71	65	58
2.00	90	82	75	88	80	75	85	78	73	66
2.50	94	86	80	92	85	79	88	82	78	70
3.00	97	90	85	95	89	84	91	86	82	74
4.00	101	95	91	98	93	89	94	90	87	78
5.00	103	98	94	101	96	93	96	93	90	81
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

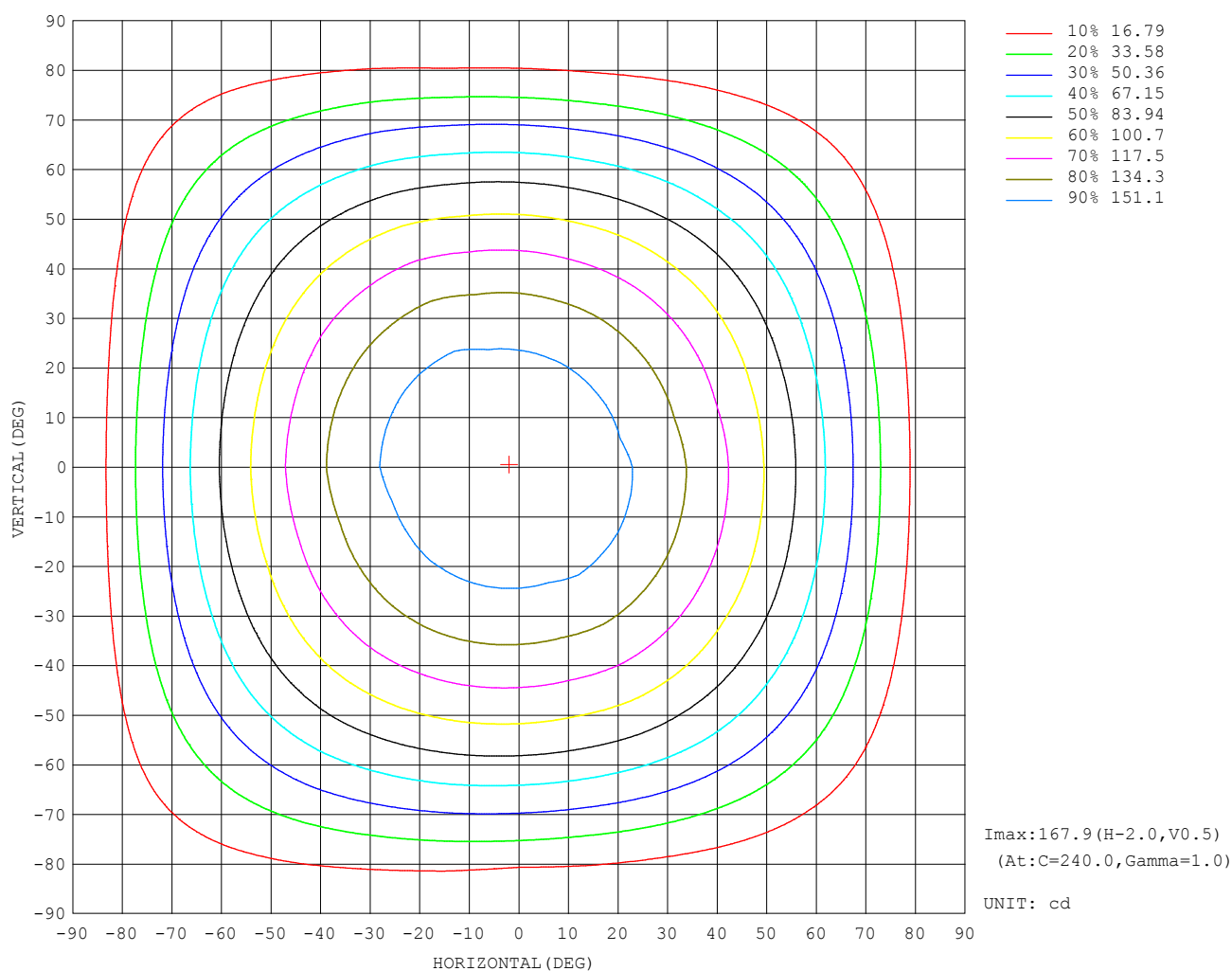
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 24.1DEG
 Operators: Bo Zou
 Test Date: 2021-05-17

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



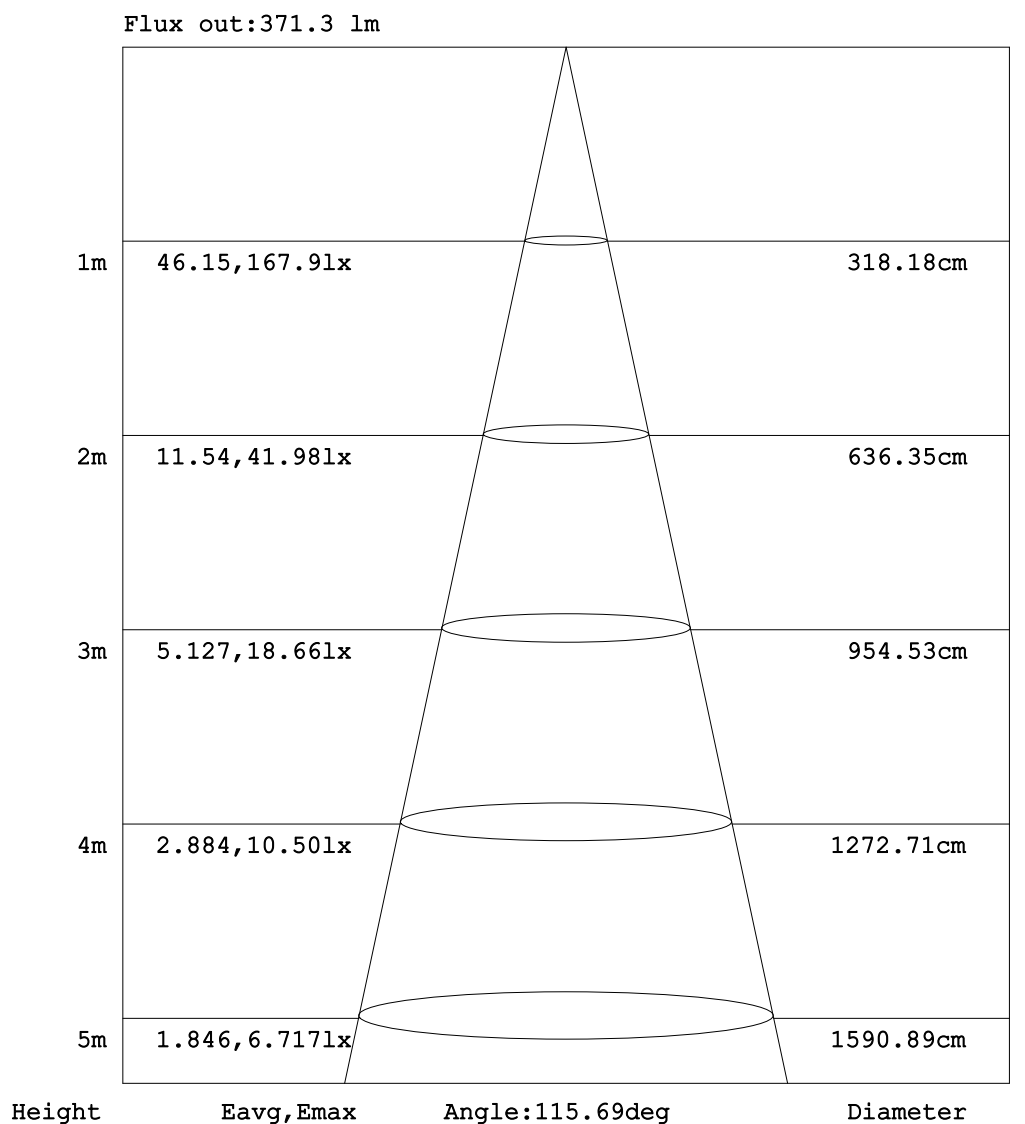
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:24.1DEG
Operators:Bo Zou
Test Date:2021-05-17

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.

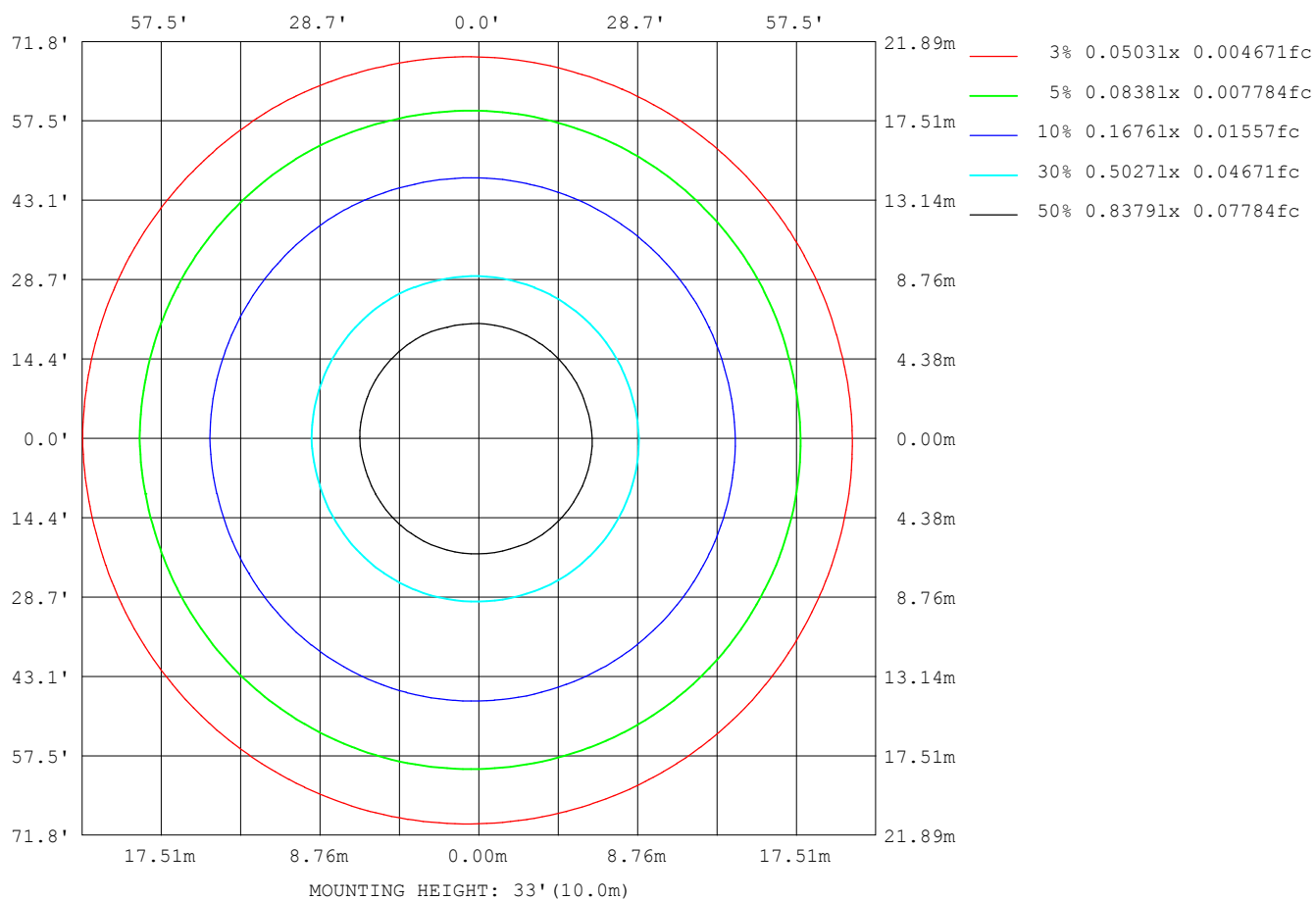
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 24.1DEG
Operators: Bo Zou
Test Date: 2021-05-17

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



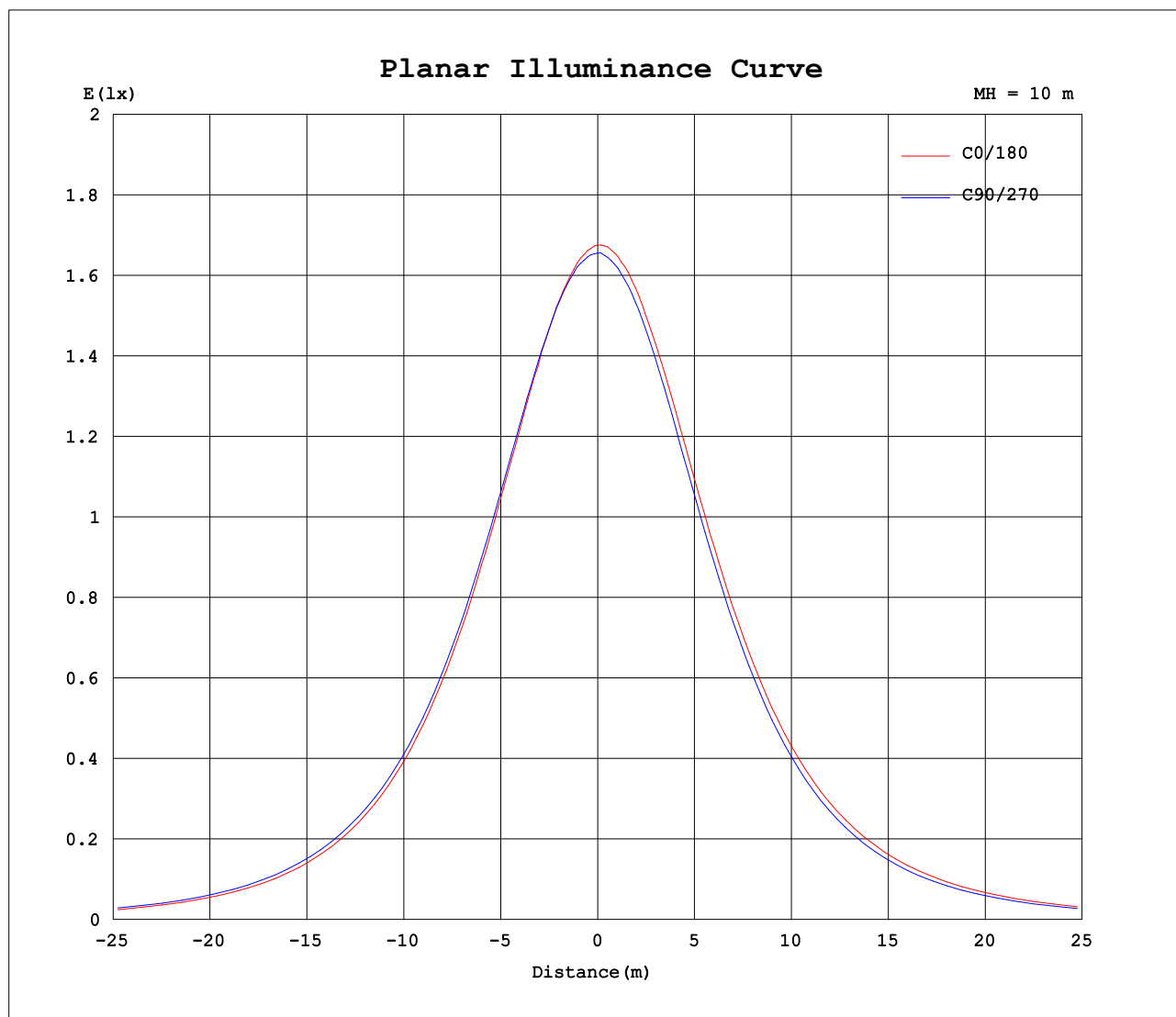
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 24.1DEG
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Checker: Bo Zou

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	168	167	167	167	168	166	166	165	165	165	165	165	168	167	167	167	168	166	166
5	166	166	166	166	167	165	165	165	165	165	165	165	168	167	167	167	168	165	165
10	164	164	164	164	165	163	163	163	163	163	164	164	166	166	166	166	166	163	163
15	160	160	160	161	161	160	160	160	161	161	161	161	164	163	163	163	163	160	160
20	155	155	155	156	156	155	156	156	157	157	157	157	160	160	160	159	159	156	155
25	148	149	149	150	151	150	150	151	151	152	152	152	155	155	154	154	153	150	150
30	141	141	142	143	144	143	144	144	145	146	146	146	148	148	148	147	146	144	143
35	132	133	133	134	135	135	136	137	137	138	138	139	141	141	140	139	138	136	134
40	122	123	123	125	126	126	126	128	128	129	130	130	132	132	131	130	129	126	125
45	111	112	113	114	115	115	116	118	118	119	120	120	122	121	121	120	119	116	115
50	99.3	100	101	102	103	104	105	106	107	108	108	109	111	110	109	108	107	104	103
55	86.2	87.0	87.9	89.2	90.4	91.3	92.4	93.9	95.1	95.9	96.5	97.1	98.6	97.8	97.1	95.8	94.6	92.0	90.3
60	72.3	73.1	73.9	75.4	76.8	77.6	79.0	80.5	81.8	82.9	83.4	83.9	85.3	84.5	83.6	82.4	81.1	78.4	76.7
65	57.8	58.4	59.2	60.7	62.0	63.1	64.6	66.4	67.7	68.7	69.4	69.8	71.0	70.2	69.3	67.8	66.5	63.9	62.3
70	42.5	43.2	44.0	45.4	46.8	48.1	49.7	51.5	52.8	54.1	54.7	55.2	56.0	55.3	54.3	52.8	51.4	48.8	47.3
75	27.5	28.1	28.9	30.2	31.5	32.8	34.4	36.3	37.7	38.9	39.6	40.1	40.8	39.9	38.9	37.4	35.8	33.6	32.0
80	14.0	14.5	15.0	16.1	17.1	18.3	18.9	21.6	23.0	24.3	24.9	25.4	25.8	24.9	24.0	22.5	21.1	18.5	17.8
85	4.41	4.61	4.83	5.34	5.97	6.80	5.45	9.07	10.4	11.4	12.1	12.4	12.6	11.9	11.0	9.77	8.60	7.22	6.06
90	0.70	0.62	0.63	0.56	0.62	0.77	0.00	1.65	2.27	2.77	3.18	3.42	3.33	2.89	2.46	1.89	1.43	1.02	0.00
95	0.17	0.08	0.11	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.06	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	0.04	0.07	0.07	0.08	0.06	0.07	0.03	0.05	0.00	0.04	0.01	0.00	0.02	0.00	0.02	0.00	0.05
110	0.07	0.13	0.07	0.13	0.06	0.13	0.06	0.12	0.05	0.10	0.06	0.10	0.05	0.03	0.07	0.05	0.08	0.06	0.10
115	0.15	0.19	0.16	0.19	0.13	0.19	0.13	0.17	0.11	0.16	0.08	0.15	0.11	0.05	0.12	0.05	0.13	0.07	0.16
120	0.18	0.25	0.18	0.24	0.17	0.25	0.17	0.22	0.15	0.22	0.15	0.19	0.16	0.10	0.17	0.13	0.19	0.14	0.21
125	0.25	0.30	0.25	0.30	0.24	0.30	0.24	0.28	0.20	0.28	0.18	0.25	0.21	0.16	0.22	0.18	0.24	0.18	0.25
130	0.28	0.34	0.28	0.34	0.28	0.34	0.28	0.33	0.27	0.31	0.25	0.31	0.25	0.19	0.27	0.22	0.29	0.25	0.31
135	0.33	0.40	0.33	0.39	0.32	0.39	0.32	0.38	0.29	0.36	0.30	0.35	0.31	0.26	0.33	0.26	0.34	0.28	0.35
140	0.40	0.45	0.39	0.44	0.39	0.43	0.40	0.40	0.37	0.40	0.33	0.39	0.36	0.29	0.37	0.31	0.39	0.32	0.40
145	0.41	0.48	0.41	0.47	0.41	0.46	0.40	0.46	0.39	0.44	0.39	0.44	0.40	0.33	0.41	0.37	0.43	0.39	0.44
150	0.46	0.52	0.45	0.51	0.44	0.50	0.43	0.49	0.42	0.47	0.41	0.47	0.44	0.39	0.45	0.40	0.47	0.41	0.47
155	0.55	0.54	0.55	0.55	0.55	0.54	0.52	0.53	0.52	0.51	0.43	0.49	0.48	0.41	0.49	0.42	0.50	0.43	0.50
160	0.55	0.56	0.54	0.55	0.55	0.55	0.53	0.54	0.54	0.54	0.55	0.55	0.51	0.52	0.52	0.53	0.53	0.54	0.54
165	0.55	0.56	0.54	0.55	0.55	0.55	0.53	0.54	0.54	0.54	0.55	0.55	0.54	0.53	0.54	0.54	0.53	0.53	0.55
170	0.55	0.56	0.54	0.55	0.55	0.55	0.54	0.54	0.54	0.54	0.55	0.55	0.54	0.54	0.55	0.54	0.54	0.54	0.55
175	0.55	0.56	0.55	0.55	0.55	0.55	0.54	0.55	0.55	0.55	0.55	0.55	0.55	0.54	0.55	0.54	0.54	0.54	0.55
180	0.55	0.56	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55

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	165	165	165	165	165													
5	164	164	164	164	164													
10	162	162	161	161	161													
15	159	158	158	157	157													
20	154	154	153	153	153													
25	148	148	147	146	146													
30	141	140	140	139	139													
35	133	132	131	131	130													
40	124	123	121	121	121													
45	113	112	111	110	110													
50	101	100	99.0	98.5	97.9													
55	88.6	87.5	86.4	85.8	85.4													
60	75.0	73.8	72.7	72.0	71.4													
65	60.5	59.3	58.1	57.5	57.0													
70	45.5	44.3	43.1	42.6	42.1													
75	30.5	29.4	28.4	27.8	27.4													
80	16.5	15.7	14.8	14.5	14.1													
85	4.67	5.36	5.00	4.84	4.58													
90	0.59	0.70	0.78	0.76	0.81													
95	0.00	0.00	0.08	0.06	0.18													
100	0.00	0.01	0.00	0.00	0.01													
105	0.01	0.05	0.01	0.04	0.01													
110	0.05	0.10	0.06	0.10	0.05													
115	0.09	0.16	0.08	0.15	0.08													
120	0.15	0.21	0.16	0.21	0.14													
125	0.19	0.26	0.19	0.26	0.19													
130	0.25	0.31	0.24	0.30	0.25													
135	0.29	0.35	0.28	0.35	0.28													
140	0.33	0.40	0.33	0.39	0.31													
145	0.40	0.43	0.39	0.43	0.39													
150	0.41	0.46	0.41	0.46	0.41													
155	0.46	0.49	0.46	0.50	0.44													
160	0.54	0.55	0.52	0.53	0.55													
165	0.55	0.55	0.55	0.54	0.54													
170	0.54	0.55	0.55	0.54	0.54													
175	0.54	0.54	0.55	0.55	0.55													
180	0.54	0.54	0.55	0.55	0.55													

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