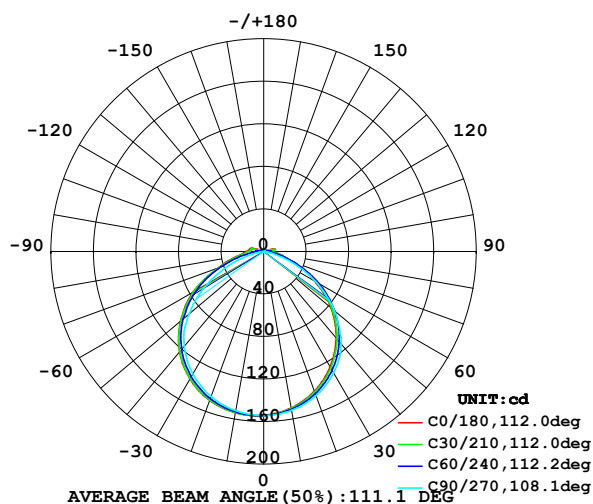


LUMINAIRE PHOTOMETRIC TEST REPORT

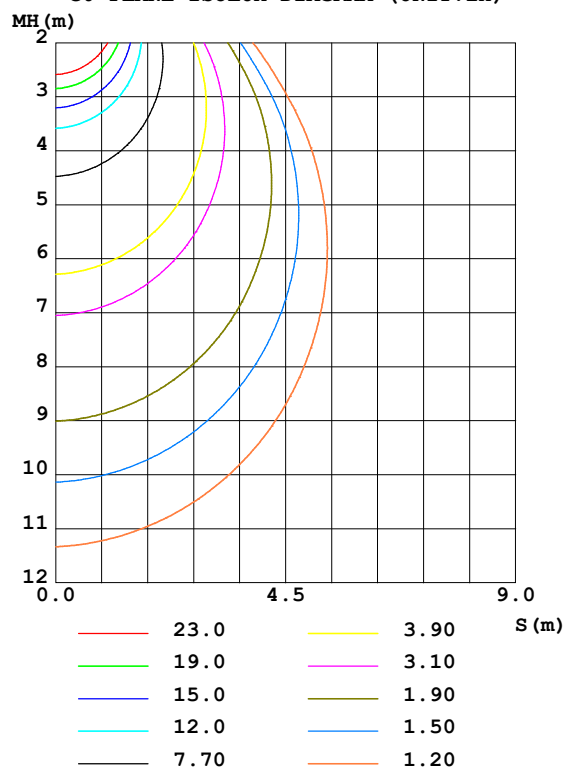
Test:U:12.00V I:0.4217A P:5.060W PF:1.000 Lamp Flux:451.554x1 lm		
NAME: LED Soft light bar	SUR.:0.1m*1m	SERIAL No.:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 89.23 lm/W			
MODEL	EKF4148HL9065	I _{max} (cd)	154.8	S/MH (C0/180)	1.33
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.28
RATED VOLTAGE (V)	12	TOTAL FLUX (lm)	451.55	η UP, DN (C0-180)	1.7, 47.3
NOMINAL FLUX (lm)	451.554	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.8, 49.2
LAMPS INSIDE	1	η up (%)	3.4	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	12	η down (%)	96.6	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: 25.4DEG
 Operators: Congren Xie
 Test Date: 2021-05-18

Checker: Congren Xie

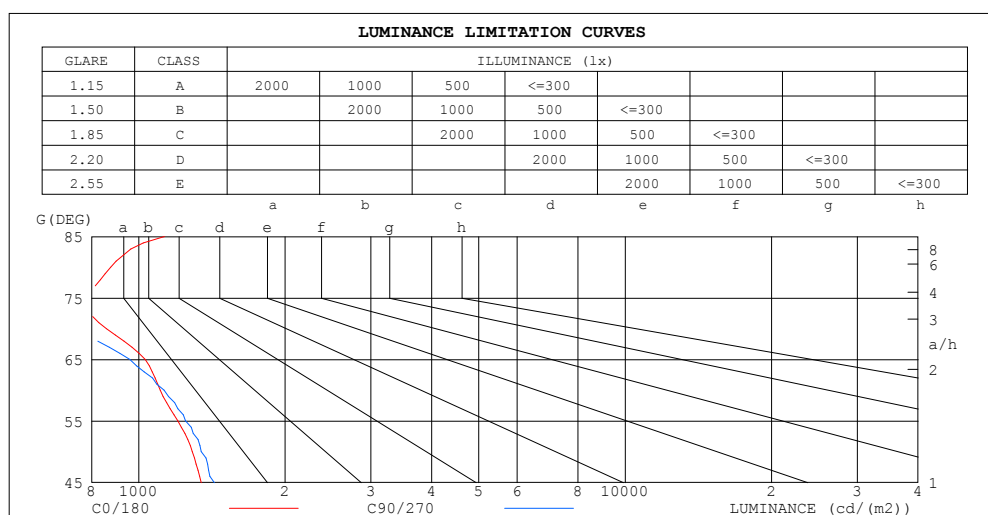
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 48.3%
 Test Distance: 10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

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	149.4	150.3	151.8	153.3	154.0	153.6	152.1	150.5	0- 10	14.61	14.61	3.24,3.24
20	139.8	141.4	144.2	147.3	149.0	147.9	145.0	141.8	10- 20	42.02	56.64	12.5,12.5
30	125.2	127.6	131.7	136.0	138.6	137.3	133.1	128.2	20- 30	64.08	120.7	26.7,26.7
40	106.3	108.9	113.2	119.5	123.2	121.6	116.3	109.7	30- 40	77.67	198.4	43.9,43.9
50	82.83	85.50	86.44	97.91	102.1	100.6	91.74	86.48	40- 50	80.35	278.7	61.7,61.7
60	55.39	57.73	56.38	70.95	77.08	74.31	60.88	58.67	50- 60	70.53	349.3	77.3,77.3
70	29.36	31.03	24.97	40.92	45.35	44.37	28.56	31.62	60- 70	49.69	399.0	88.4,88.4
80	15.19	13.41	3.186	18.88	24.88	20.57	4.821	13.40	70- 80	25.73	424.7	94.1,94.1
90	7.517	6.272	0.0400	10.79	16.86	11.56	0.0399	6.551	80- 90	11.31	436.0	96.6,96.6
100	10.64	9.070	0.0742	10.18	13.17	10.35	0.1160	8.507	90-100	8.163	444.2	98.4,98.4
110	4.396	1.228	0.1527	1.609	5.540	1.535	0.1541	1.382	100-110	4.812	449.0	99.4,99.4
120	1.353	0.4531	0.2582	0.3939	0.8681	0.3423	0.2398	0.4112	110-120	1.084	450.1	99.7,99.7
130	0.5828	0.4165	0.3325	0.4317	0.4005	0.3538	0.3481	0.3235	120-130	0.3838	450.4	99.8,99.8
140	0.5136	0.4736	0.4245	0.4816	0.4222	0.4317	0.4339	0.4335	130-140	0.3272	450.8	99.8,99.8
150	0.5380	0.5421	0.5338	0.5477	0.4736	0.4929	0.5387	0.5246	140-150	0.3082	451.1	99.9,99.9
160	0.5571	0.5972	0.5445	0.5694	0.5420	0.5382	0.5821	0.5466	150-160	0.2516	451.3	100,100
170	0.6162	0.6237	0.5934	0.6105	0.5934	0.5420	0.6219	0.5990	160-170	0.1634	451.5	100,100
180	0.6276	0.6276	0.6219	0.6276	0.6333	0.6333	0.6276	0.6390	170-180	0.0586	451.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1129	18
80	875	183
75	790	462
70	858	730
65	1031	959
60	1108	1128
55	1204	1247
50	1289	1345
45	1344	1430

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.4DEG
 Operators:Congren Xie
 Test Date:2021-05-18

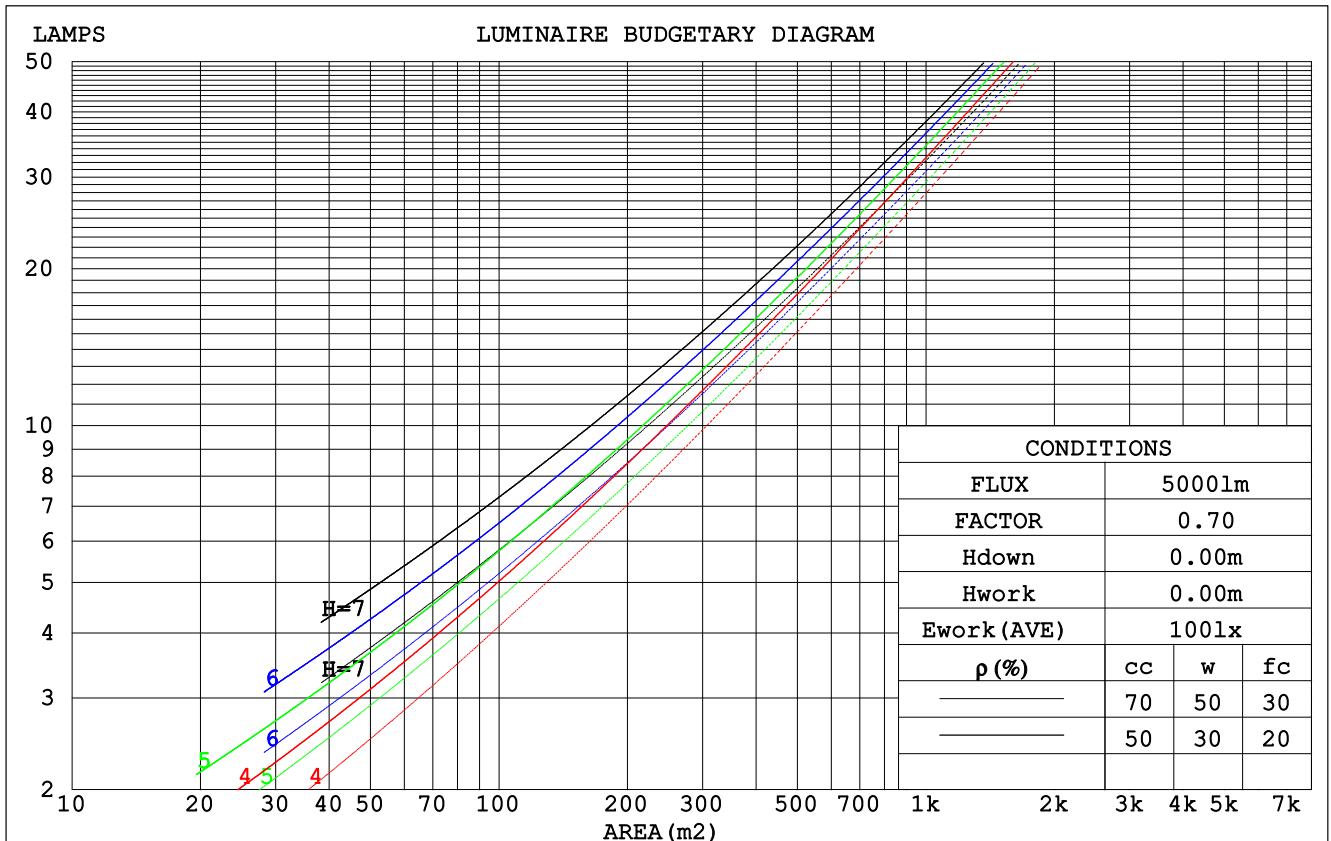
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:48.3%
 Test Distance:10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

Checker: Congren Xie

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	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.03	.99	.95	1.01	.97	.93	.96	.92	.90	.91	.89	.86	.87	.85	.83	.81
2.0	.90	.83	.78	.88	.82	.76	.84	.79	.74	.80	.76	.72	.77	.73	.70	.68
3.0	.79	.71	.65	.77	.70	.64	.74	.68	.62	.71	.65	.61	.68	.63	.59	.57
4.0	.70	.62	.55	.69	.61	.54	.66	.59	.53	.63	.57	.52	.60	.55	.51	.49
5.0	.63	.54	.47	.61	.53	.47	.59	.52	.46	.57	.50	.45	.54	.49	.44	.42
6.0	.56	.48	.41	.55	.47	.41	.53	.46	.40	.51	.45	.40	.49	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.36	.47	.40	.35	.45	.39	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.31	.41	.35	.31	.29
9.0	.43	.35	.29	.42	.34	.29	.41	.34	.29	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.32	.26	.39	.31	.26	.38	.31	.26	.36	.30	.26	.35	.30	.25	.24



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.4DEG
 Operators: Congren Xie
 Test Date: 2021-05-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 48.3%
 Test Distance: 10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

Checker: Congren Xie

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	.308	.175	.055	.300	.171	.054	.284	.163	.052	.270	.156	.050	.257	.149	.048	
2.0	.287	.157	.048	.280	.154	.047	.266	.148	.046	.254	.142	.045	.243	.137	.043	
3.0	.265	.141	.042	.259	.139	.042	.247	.134	.041	.236	.129	.040	.226	.125	.039	
4.0	.245	.127	.037	.240	.125	.037	.229	.121	.036	.219	.118	.035	.210	.114	.035	
5.0	.227	.116	.034	.222	.114	.033	.212	.111	.033	.203	.107	.032	.195	.104	.031	
6.0	.211	.106	.030	.206	.104	.030	.198	.101	.029	.190	.099	.029	.182	.096	.028	
7.0	.196	.097	.028	.192	.096	.027	.185	.093	.027	.177	.091	.026	.171	.089	.026	
8.0	.184	.090	.025	.180	.089	.025	.173	.086	.025	.166	.084	.024	.160	.082	.024	
9.0	.172	.083	.023	.169	.082	.023	.163	.080	.023	.157	.079	.022	.151	.077	.022	
10.0	.162	.078	.022	.159	.077	.021	.153	.075	.021	.148	.073	.021	.143	.072	.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	.217	.217	.217	.185	.185	.185	.126	.126	.126	.073	.073	.073	.023	.023	.023	
1.0	.207	.183	.161	.177	.157	.139	.121	.108	.096	.070	.062	.056	.022	.020	.018	
2.0	.198	.159	.125	.170	.136	.108	.116	.094	.075	.067	.055	.044	.022	.018	.014	
3.0	.190	.141	.102	.163	.122	.088	.112	.085	.062	.065	.049	.036	.021	.016	.012	
4.0	.183	.128	.086	.157	.110	.075	.108	.077	.052	.062	.045	.031	.020	.015	.010	
5.0	.175	.117	.075	.151	.102	.065	.104	.071	.046	.060	.042	.027	.019	.014	.009	
6.0	.168	.109	.067	.145	.095	.058	.100	.066	.041	.058	.039	.024	.019	.013	.008	
7.0	.162	.102	.061	.139	.089	.053	.096	.062	.037	.056	.037	.022	.018	.012	.007	
8.0	.155	.097	.056	.134	.084	.049	.092	.059	.035	.054	.035	.021	.017	.011	.007	
9.0	.149	.092	.053	.129	.080	.046	.089	.056	.033	.052	.033	.019	.017	.011	.006	
10.0	.144	.087	.050	.124	.076	.044	.086	.053	.031	.050	.032	.018	.016	.010	.006	

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.4DEG
 Operators:Congren Xie
 Test Date:2021-05-18

Checker: Congren Xie

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:48.3%
 Test Distance:10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

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	12.9	14.4	13.2	14.6	14.9	13.2	14.6	13.5	14.9	15.2
3H	14.0	15.4	14.4	15.7	16.0	14.2	15.6	14.6	15.9	16.2
4H	14.4	15.7	14.8	16.0	16.3	14.5	15.7	14.8	16.0	16.4
6H	14.8	16.0	15.2	16.4	16.7	14.5	15.7	14.9	16.0	16.4
8H	15.0	16.2	15.4	16.5	16.9	14.4	15.6	14.8	15.9	16.3
12H	15.2	16.4	15.6	16.7	17.1	14.4	15.5	14.8	15.9	16.2
4H 2H	13.4	14.7	13.8	15.0	15.3	13.6	14.9	14.0	15.2	15.5
3H	14.7	15.8	15.1	16.2	16.5	14.8	16.0	15.2	16.3	16.7
4H	15.2	16.2	15.6	16.6	17.0	15.2	16.2	15.6	16.6	17.0
6H	15.8	16.7	16.2	17.1	17.5	15.4	16.3	15.8	16.7	17.1
8H	16.1	16.9	16.5	17.3	17.8	15.4	16.2	15.8	16.6	17.1
12H	16.3	17.1	16.8	17.6	18.0	15.3	16.1	15.8	16.6	17.0
8H 4H	15.4	16.2	15.8	16.6	17.1	15.4	16.2	15.8	16.6	17.1
6H	16.1	16.8	16.6	17.3	17.8	15.7	16.4	16.2	16.8	17.4
8H	16.5	17.2	17.1	17.6	18.2	15.8	16.4	16.3	16.9	17.4
12H	17.0	17.5	17.5	18.0	18.6	15.8	16.4	16.4	16.9	17.4
12H 4H	15.4	16.1	15.8	16.6	17.1	15.4	16.2	15.9	16.6	17.1
6H	16.2	16.8	16.7	17.3	17.8	15.8	16.4	16.3	16.9	17.4
8H	16.7	17.2	17.2	17.7	18.3	15.9	16.5	16.5	17.0	17.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
1.5H	+ 0.2 / - 0.4					+ 0.3 / - 0.6				
2.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.6				

CIE Pub.117 Corrected 451.6 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.8)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.4DEG
 Operators:Congren Xie
 Test Date:2021-05-18

Checker: Congren Xie

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:48.3%
 Test Distance:10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

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) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	38	32
0.80	67	55	48	66	55	48	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	69	63	56
1.50	87	77	70	85	76	70	82	74	68	61
2.00	94	85	79	92	84	78	88	82	76	68
2.50	98	90	84	96	88	83	91	85	81	72
3.00	101	94	88	99	92	87	94	89	85	76
4.00	105	99	94	103	97	93	98	93	90	80
5.00	108	102	98	105	100	96	100	96	93	83
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

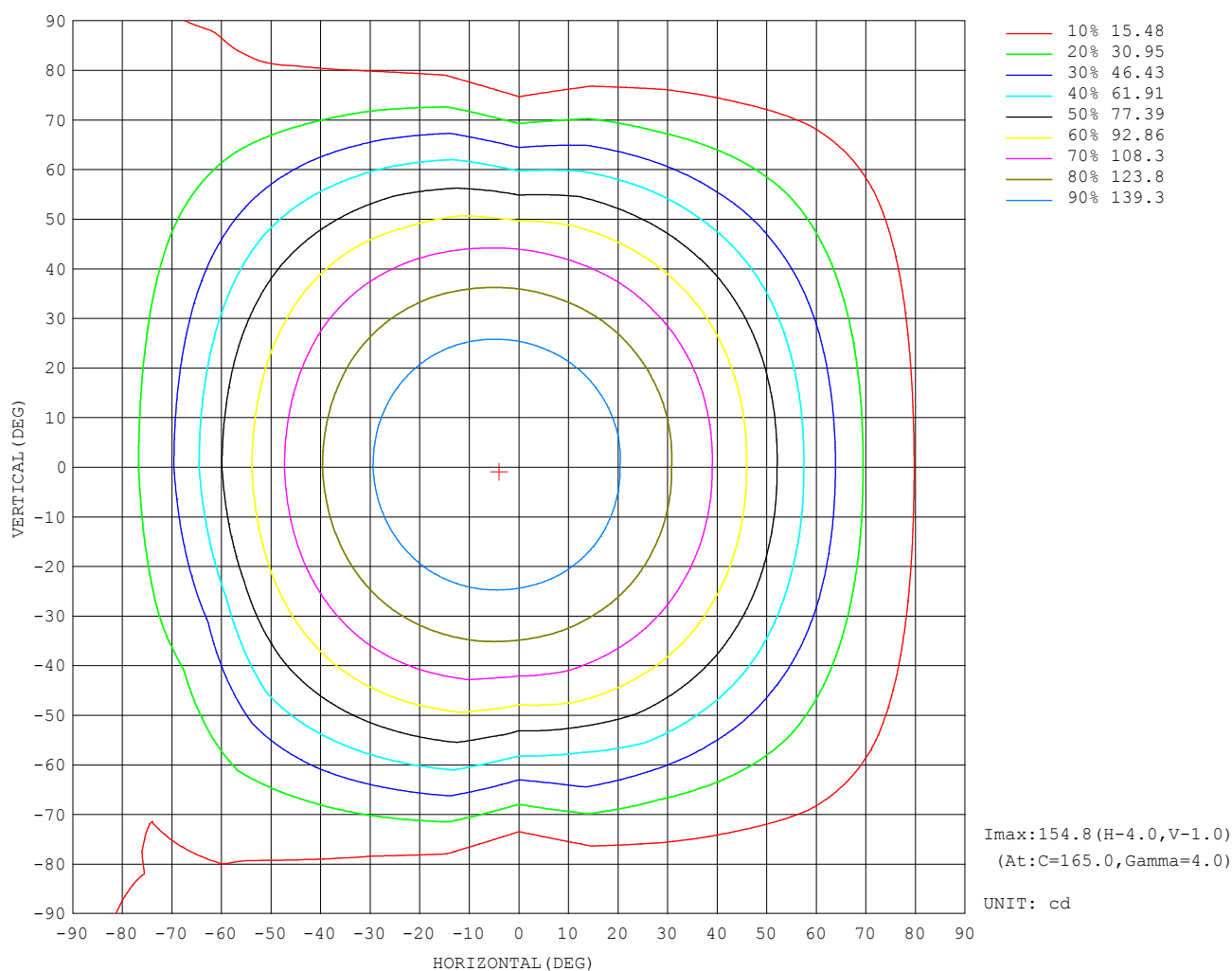
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.4DEG
 Operators: Congren Xie
 Test Date: 2021-05-18

Checker: Congren Xie

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 48.3%
 Test Distance: 10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

Assessor: Chunbo Zhou

ISOCANDELA DIAGRAM



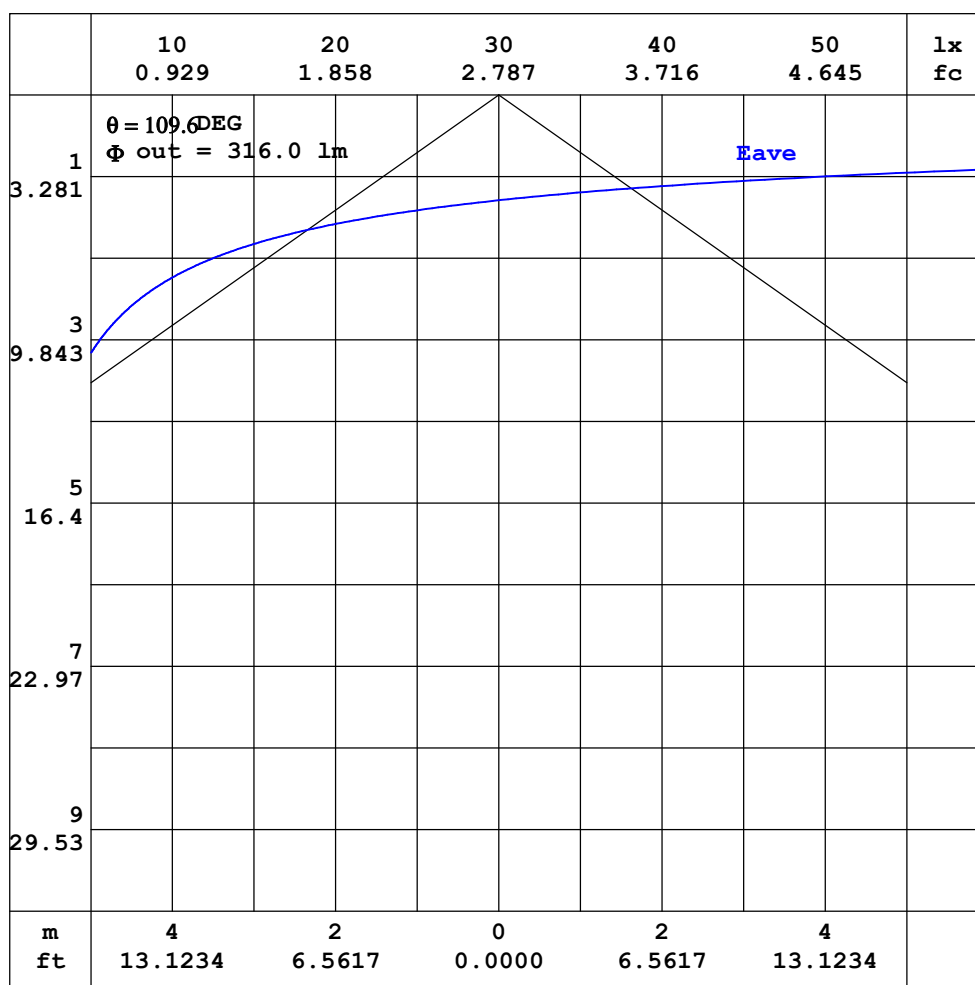
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.4DEG
Operators:Congren Xie
Test Date:2021-05-18

Checker: Congren Xie

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:48.3%
Test Distance:10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

Assessor: Chunbo Zhou

AAI CURVES



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

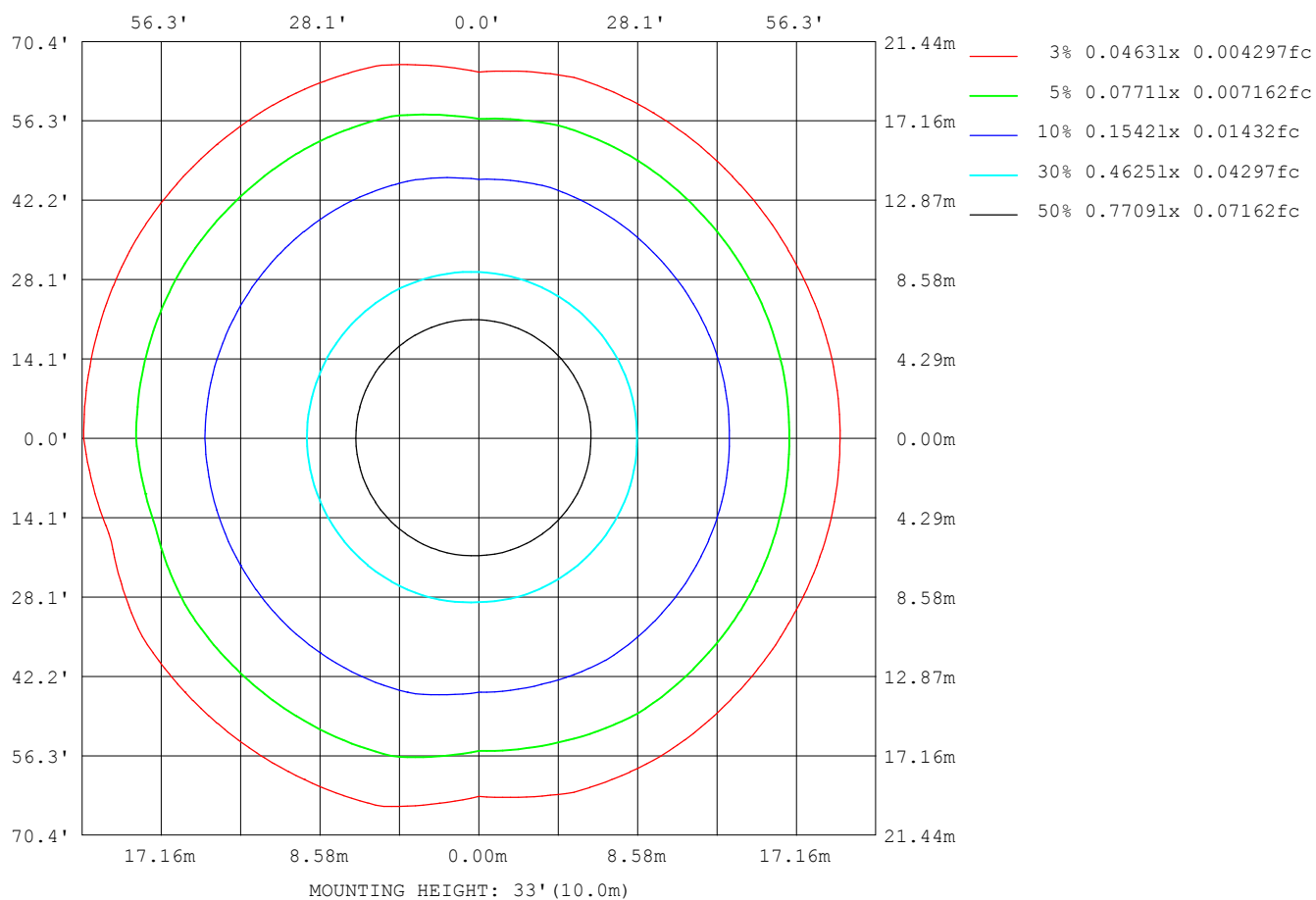
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.4DEG
 Operators: Congren Xie
 Test Date: 2021-05-18

Checker: Congren Xie

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 48.3%
 Test Distance: 10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

Assessor: Chunbo Zhou

ISOLUX DIAGRAM



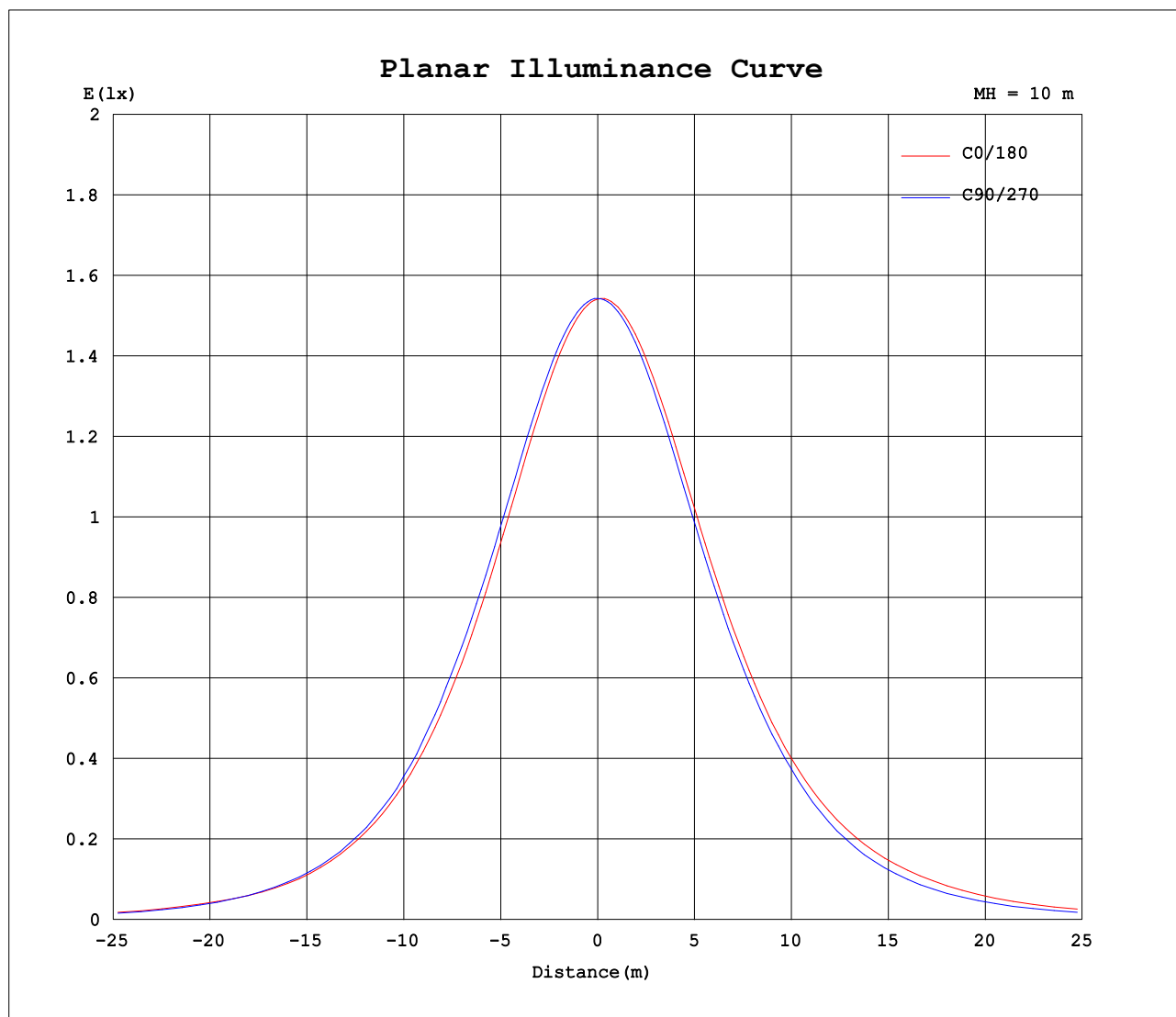
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.4DEG
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Test Date: 2021-05-18

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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity: 48.3%
Test Distance: 10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

Assessor: Chunbo Zhou

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.4DEG
Operators: Congren Xie
Test Date: 2021-05-18

Checker: Congren Xie

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity: 48.3%
Test Distance: 10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

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	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154	154
5	152	153	153	153	153	153	154	154	154	154	155	155	155	155	155	155	154	154	154
10	149	150	150	150	151	151	152	152	153	153	154	154	154	154	154	154	153	153	152
15	145	145	146	146	147	148	149	149	150	151	151	152	152	152	152	151	151	150	149
20	140	140	141	141	142	143	144	145	146	147	148	149	149	149	149	148	147	146	145
25	133	134	134	135	136	137	139	140	141	142	143	144	144	144	144	143	142	141	140
30	125	126	126	128	129	130	132	133	135	136	137	138	139	139	138	137	136	135	133
35	116	117	117	119	120	122	124	125	127	128	130	131	131	131	131	130	129	127	125
40	106	107	107	109	111	113	113	116	118	120	121	122	123	123	123	122	120	118	116
45	95.0	95.5	96.2	97.8	99.6	102	101	106	108	109	111	112	113	113	113	112	110	108	106
50	82.8	83.2	83.9	85.5	87.2	87.8	86.4	93.9	96.1	97.9	99.4	101	102	102	102	101	99.0	96.8	91.7
55	69.1	69.9	70.7	71.9	74.0	72.3	71.5	81.3	83.1	85.1	86.6	88.4	90.1	89.9	89.2	88.1	86.5	84.0	76.8
60	55.4	55.6	56.5	57.7	59.9	57.7	56.4	67.5	69.2	71.0	73.0	72.6	77.1	76.9	76.0	74.3	72.9	70.3	60.9
65	43.6	43.8	43.2	43.6	45.0	47.1	40.5	52.6	54.3	56.1	57.9	52.7	60.2	60.6	60.9	59.8	58.2	55.5	44.4
70	29.4	30.2	31.4	31.0	30.7	32.5	25.0	37.3	39.1	40.9	41.9	38.1	45.4	45.5	45.2	44.4	43.0	40.2	28.6
75	20.4	20.4	20.2	20.7	19.5	19.4	11.9	23.1	25.5	27.4	30.3	28.3	34.6	34.4	32.9	30.7	28.7	25.6	14.6
80	15.2	15.3	14.8	13.4	11.9	10.2	3.19	12.5	15.4	18.9	21.5	19.8	24.9	24.5	23.1	20.6	17.4	14.2	4.82
85	9.84	9.91	9.56	8.84	7.07	4.89	0.16	5.84	9.19	12.5	15.5	15.5	19.0	18.7	17.0	13.9	10.4	6.95	0.15
90	7.52	7.50	7.20	6.27	4.72	2.26	0.04	2.59	6.87	10.8	13.8	14.5	16.9	16.3	14.6	11.6	7.52	3.38	0.04
95	8.85	8.97	8.91	8.28	6.54	1.47	0.06	1.58	6.93	10.2	12.4	12.8	13.9	13.7	12.5	10.5	7.43	2.05	0.05
100	10.6	10.9	10.7	9.07	3.17	0.40	0.07	0.22	3.41	10.2	12.2	12.4	13.2	13.1	12.2	10.3	3.76	0.43	0.12
105	9.01	8.57	6.40	3.23	0.97	0.34	0.07	0.24	0.94	3.90	8.53	10.9	12.0	11.3	8.64	3.87	0.98	0.24	0.13
110	4.40	4.04	2.65	1.23	0.47	0.29	0.15	0.27	0.33	1.61	3.49	4.84	5.54	4.81	3.39	1.54	0.41	0.25	0.15
115	2.20	1.96	1.27	0.54	0.32	0.25	0.18	0.31	0.32	0.46	1.51	2.51	2.88	2.53	1.40	0.34	0.33	0.26	0.19
120	1.35	1.15	0.79	0.45	0.31	0.30	0.26	0.34	0.33	0.39	0.42	0.61	0.87	0.61	0.36	0.34	0.35	0.28	0.24
125	0.81	0.71	0.47	0.41	0.34	0.34	0.29	0.37	0.34	0.42	0.42	0.44	0.39	0.39	0.38	0.35	0.38	0.30	0.30
130	0.58	0.49	0.47	0.42	0.35	0.39	0.33	0.41	0.39	0.43	0.43	0.45	0.40	0.39	0.40	0.35	0.42	0.34	0.35
135	0.50	0.50	0.46	0.44	0.41	0.42	0.38	0.45	0.45	0.46	0.44	0.46	0.41	0.39	0.42	0.42	0.44	0.36	0.39
140	0.51	0.50	0.48	0.47	0.47	0.47	0.42	0.48	0.48	0.48	0.45	0.47	0.42	0.39	0.46	0.43	0.46	0.43	0.43
145	0.53	0.53	0.49	0.51	0.51	0.54	0.51	0.50	0.51	0.50	0.47	0.50	0.45	0.44	0.48	0.44	0.49	0.44	0.51
150	0.54	0.55	0.55	0.54	0.53	0.56	0.53	0.53	0.54	0.55	0.52	0.53	0.47	0.46	0.51	0.49	0.52	0.53	0.54
155	0.55	0.57	0.55	0.58	0.54	0.58	0.54	0.55	0.53	0.55	0.53	0.55	0.51	0.48	0.53	0.54	0.54	0.54	0.56
160	0.56	0.59	0.55	0.60	0.54	0.59	0.54	0.58	0.54	0.57	0.53	0.57	0.54	0.53	0.55	0.54	0.56	0.54	0.58
165	0.60	0.61	0.58	0.61	0.56	0.62	0.55	0.60	0.54	0.59	0.54	0.59	0.57	0.54	0.56	0.54	0.59	0.55	0.60
170	0.62	0.62	0.62	0.62	0.62	0.62	0.59	0.62	0.57	0.61	0.55	0.62	0.59	0.54	0.59	0.54	0.62	0.56	0.62
175	0.63	0.63	0.62	0.63	0.63	0.62	0.62	0.64	0.61	0.62	0.61	0.63	0.63	0.59	0.62	0.60	0.63	0.62	0.63
180	0.63	0.64	0.63	0.63	0.63	0.63	0.62	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.64	0.63	0.63	0.63	0.63

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.4DEG
Operators:Congren Xie
Test Date:2021-05-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
Humidity:48.3%
Test Distance:10.149m [K=1.0000]
Remarks: standard: GB/T 9468-2008

Checker: Congren Xie

Assessor: Chunbo Zhou

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: cd

C (DEG) γ (DEG)	285	300	315	330	345													
0	154	154	154	154	154													
5	154	153	153	153	153													
10	152	151	151	150	150													
15	148	148	147	146	146													
20	144	143	142	141	140													
25	138	137	136	135	134													
30	131	130	128	127	126													
35	123	121	120	118	117													
40	114	112	110	108	107													
45	103	101	98.6	97.1	96.1													
50	91.6	89.0	86.5	84.8	83.9													
55	78.5	75.6	73.0	71.6	70.4													
60	63.2	61.3	58.7	57.2	56.1													
65	48.3	46.3	44.2	43.7	44.1													
70	33.1	31.8	31.6	31.9	30.6													
75	20.5	20.3	21.0	20.4	20.7													
80	10.5	12.3	13.4	14.6	15.2													
85	5.12	7.14	8.52	9.32	9.75													
90	2.57	5.26	6.55	7.20	7.46													
95	1.45	6.62	8.45	8.82	8.79													
100	0.32	2.99	8.51	10.3	10.5													
105	0.25	0.88	3.24	6.12	8.34													
110	0.26	0.33	1.38	2.70	3.99													
115	0.22	0.25	0.62	1.31	1.96													
120	0.23	0.26	0.41	0.70	1.15													
125	0.27	0.30	0.30	0.52	0.74													
130	0.33	0.35	0.32	0.39	0.46													
135	0.35	0.40	0.34	0.41	0.43													
140	0.42	0.44	0.43	0.45	0.46													
145	0.54	0.50	0.47	0.48	0.48													
150	0.53	0.57	0.52	0.53	0.54													
155	0.54	0.58	0.54	0.54	0.55													
160	0.54	0.59	0.55	0.59	0.55													
165	0.56	0.60	0.57	0.61	0.59													
170	0.60	0.62	0.60	0.62	0.62													
175	0.62	0.62	0.62	0.63	0.62													
180	0.63	0.63	0.64	0.63	0.62													

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.4DEG
 Operators:Congren Xie
 Test Date:2021-05-18

Checker: Congren Xie

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:48.3%
 Test Distance:10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

Assessor: Chunbo Zhou