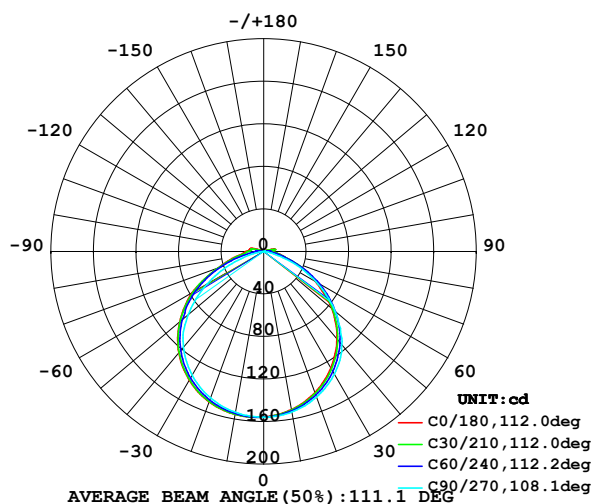


LUMINAIRE PHOTOMETRIC TEST REPORT

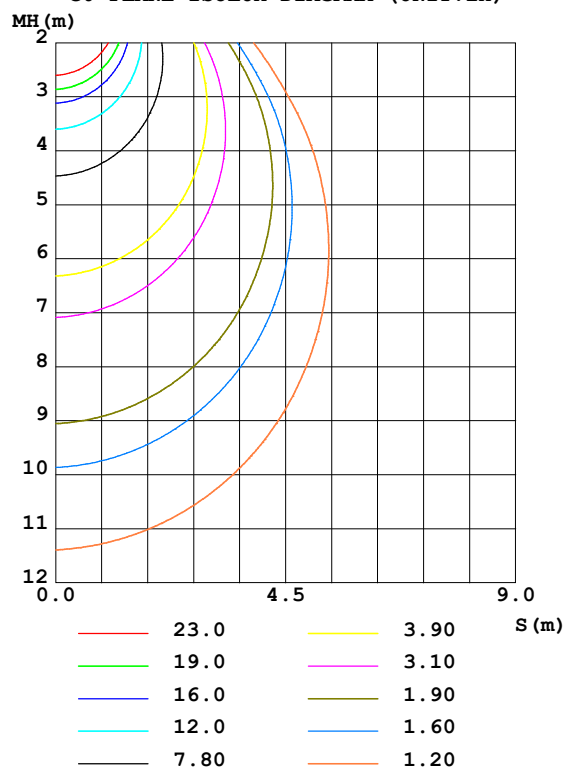
Test:U:12.00V I:0.3908A P:4.690W PF:1.000 Lamp Flux:456.115x1 lm		
NAME: LED Soft light bar	SUR.:0.1m*1m	SERIAL No.:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 97.26 lm/W			
MODEL	EKF4448HL9065	I _{max} (cd)	156.3	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)	456.12	η UP, DN (C0-180)	1.7, 47.3
NOMINAL FLUX (lm)	456.115	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

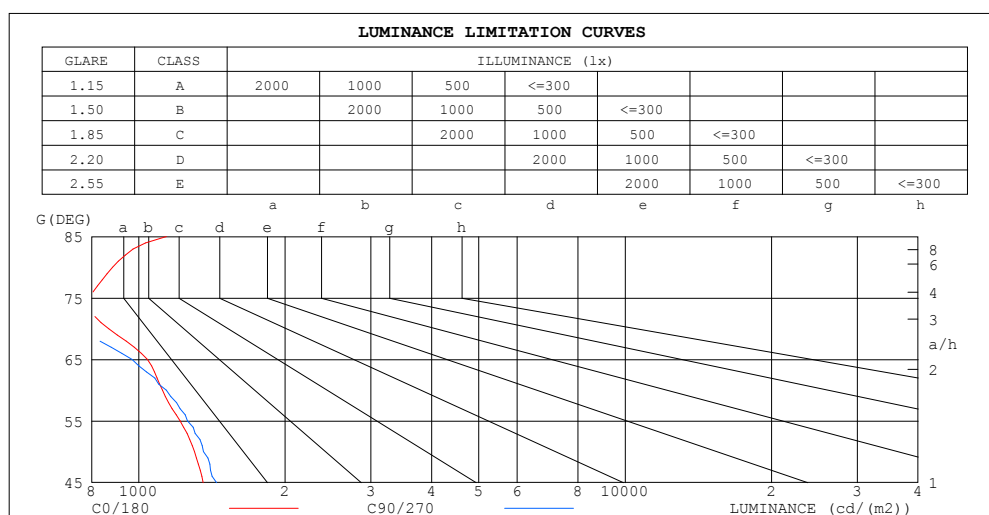
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity: 48.3%
 Test Distance: 10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

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	150.9	151.8	153.3	154.8	155.6	155.2	153.6	152.1	0- 10	14.76	14.76	3.24,3.24
20	141.2	142.8	145.7	148.7	150.5	149.4	146.5	143.2	10- 20	42.45	57.21	12.5,12.5
30	126.5	128.9	133.0	137.4	140.0	138.7	134.5	129.5	20- 30	64.72	121.9	26.7,26.7
40	107.3	109.9	114.4	120.8	124.4	122.8	117.5	110.8	30- 40	78.45	200.4	43.9,43.9
50	83.67	86.37	87.31	98.90	103.1	101.6	92.66	87.36	40- 50	81.16	281.6	61.7,61.7
60	55.95	58.32	56.95	71.67	77.85	75.06	61.50	59.26	50- 60	71.24	352.8	77.3,77.3
70	29.66	31.35	25.22	41.34	45.81	44.81	28.84	31.94	60- 70	50.20	403.0	88.4,88.4
80	15.35	13.54	3.218	19.07	25.13	20.78	4.870	13.53	70- 80	25.99	429.0	94.1,94.1
90	7.593	6.336	0.0404	10.90	17.03	11.67	0.0403	6.617	80- 90	11.43	440.4	96.6,96.6
100	10.75	9.161	0.0749	10.28	13.31	10.45	0.1172	8.593	90-100	8.245	448.7	98.4,98.4
110	4.440	1.241	0.1542	1.626	5.596	1.551	0.1557	1.396	100-110	4.861	453.5	99.4,99.4
120	1.367	0.4577	0.2608	0.3978	0.8769	0.3458	0.2422	0.4153	110-120	1.095	454.6	99.7,99.7
130	0.5887	0.4207	0.3358	0.4361	0.4046	0.3573	0.3516	0.3267	120-130	0.3877	455.0	99.8,99.8
140	0.5188	0.4784	0.4288	0.4864	0.4265	0.4361	0.4382	0.4379	130-140	0.3305	455.3	99.8,99.8
150	0.5435	0.5476	0.5392	0.5533	0.4784	0.4979	0.5441	0.5299	140-150	0.3113	455.6	99.9,99.9
160	0.5628	0.6033	0.5500	0.5752	0.5475	0.5437	0.5879	0.5521	150-160	0.2542	455.9	100,100
170	0.6224	0.6300	0.5994	0.6167	0.5994	0.5475	0.6282	0.6051	160-170	0.1650	456.1	100,100
180	0.6340	0.6340	0.6282	0.6340	0.6397	0.6397	0.6340	0.6455	170-180	0.0592	456.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1140	19
80	884	185
75	798	466
70	867	737
65	1041	969
60	1119	1139
55	1216	1260
50	1302	1358
45	1357	1445

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

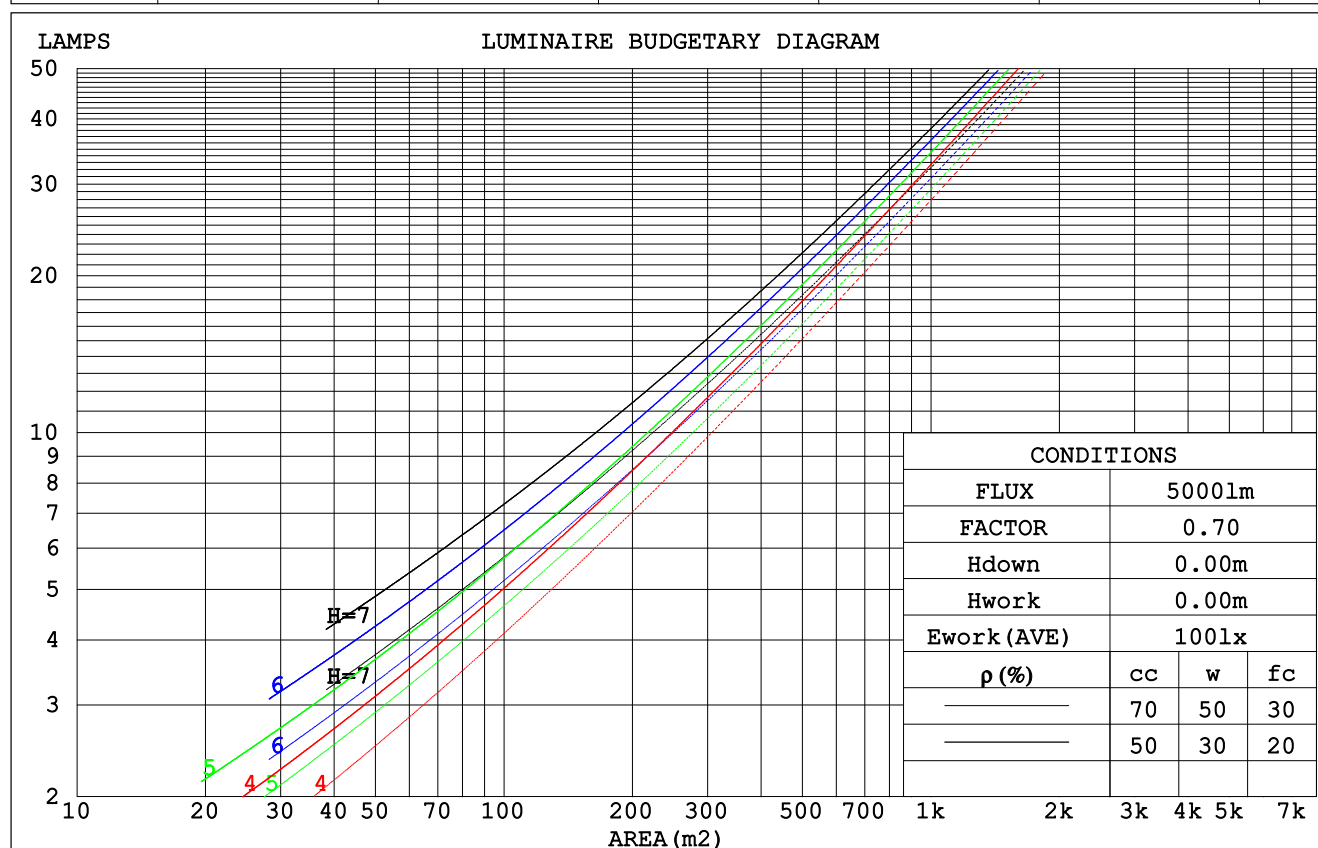
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.291
 Humidity:48.3%
 Test Distance:10.149m [K=1.0000]
 Remarks: standard: GB/T 9468-2008

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	13.3	14.7	14.9	13.2	14.7	13.5	14.9	15.2
3H	14.1	15.4	14.4	15.7	16.0	14.3	15.6	14.6	15.9	16.2
4H	14.5	15.7	14.8	16.0	16.4	14.5	15.8	14.9	16.1	16.4
6H	14.9	16.1	15.2	16.4	16.7	14.5	15.7	14.9	16.0	16.4
8H	15.1	16.2	15.5	16.6	16.9	14.5	15.6	14.9	16.0	16.3
12H	15.3	16.4	15.7	16.7	17.1	14.4	15.5	14.8	15.9	16.3
4H 2H	13.4	14.7	13.8	15.0	15.4	13.6	14.9	14.0	15.2	15.6
3H	14.7	15.8	15.1	16.2	16.6	14.9	16.0	15.3	16.3	16.7
4H	15.2	16.2	15.7	16.6	17.0	15.2	16.3	15.7	16.6	17.0
6H	15.8	16.7	16.3	17.1	17.6	15.4	16.3	15.8	16.7	17.1
8H	16.1	16.9	16.6	17.4	17.8	15.4	16.2	15.9	16.7	17.1
12H	16.4	17.2	16.9	17.6	18.1	15.4	16.2	15.9	16.6	17.1
8H 4H	15.4	16.2	15.9	16.7	17.1	15.4	16.2	15.9	16.7	17.1
6H	16.2	16.9	16.7	17.3	17.8	15.7	16.4	16.2	16.9	17.4
8H	16.6	17.2	17.1	17.7	18.2	15.8	16.4	16.3	16.9	17.4
12H	17.0	17.6	17.6	18.1	18.6	15.9	16.4	16.4	16.9	17.5
12H 4H	15.4	16.2	15.9	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	16.0	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 456.1 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.7)

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		

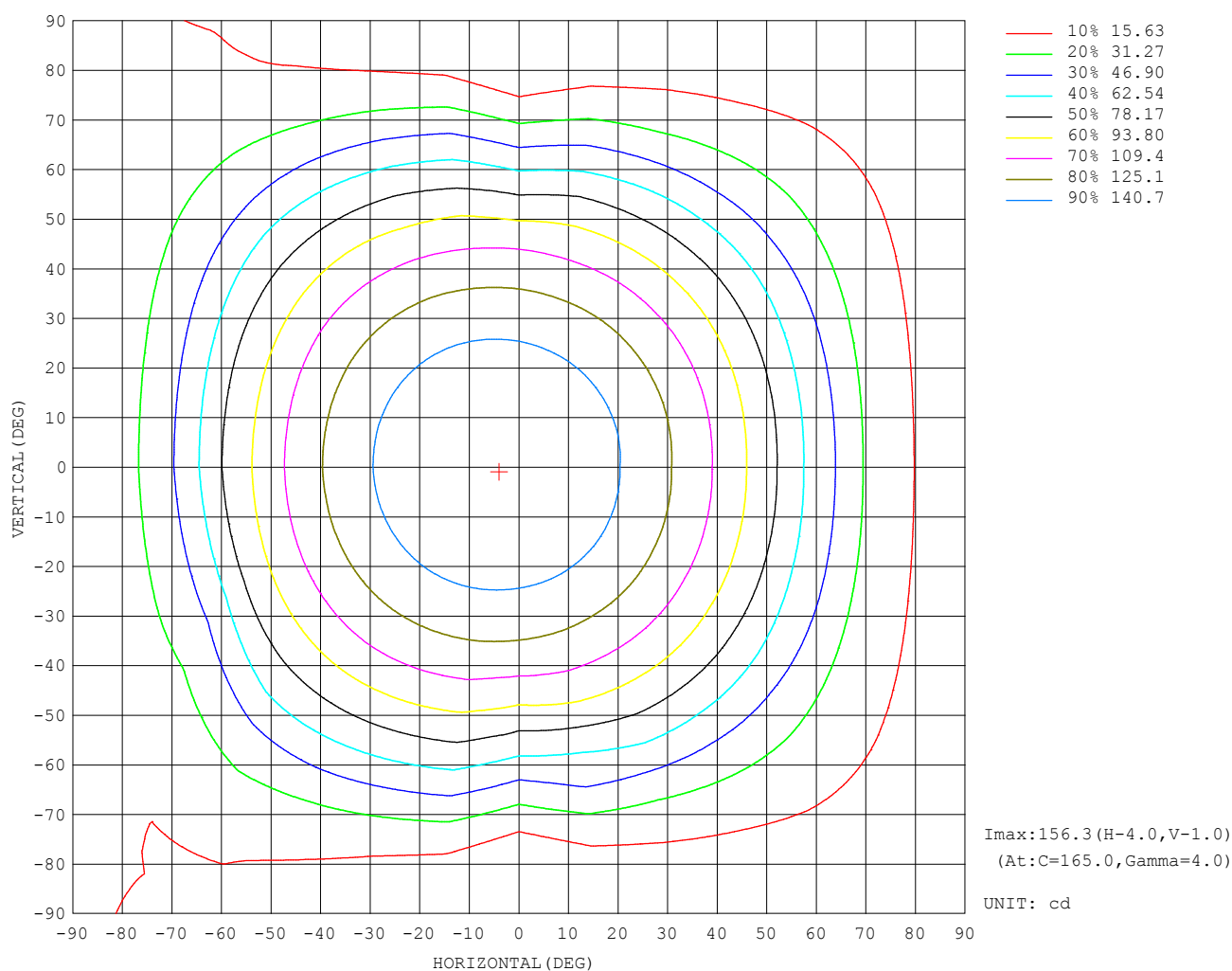
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.4DEG
 Operators: Congren Xie
 Test Date: 2021-05-18

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



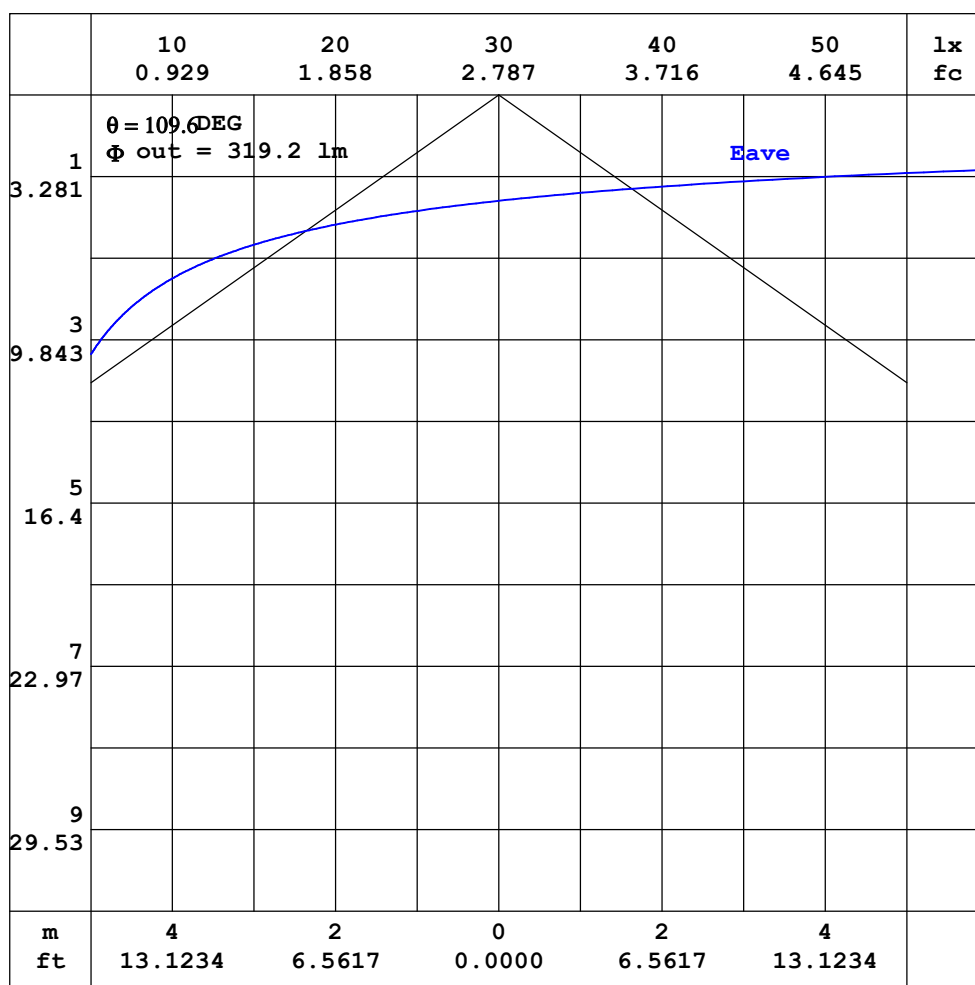
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.4DEG
Operators:Congren Xie
Test Date:2021-05-18

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.

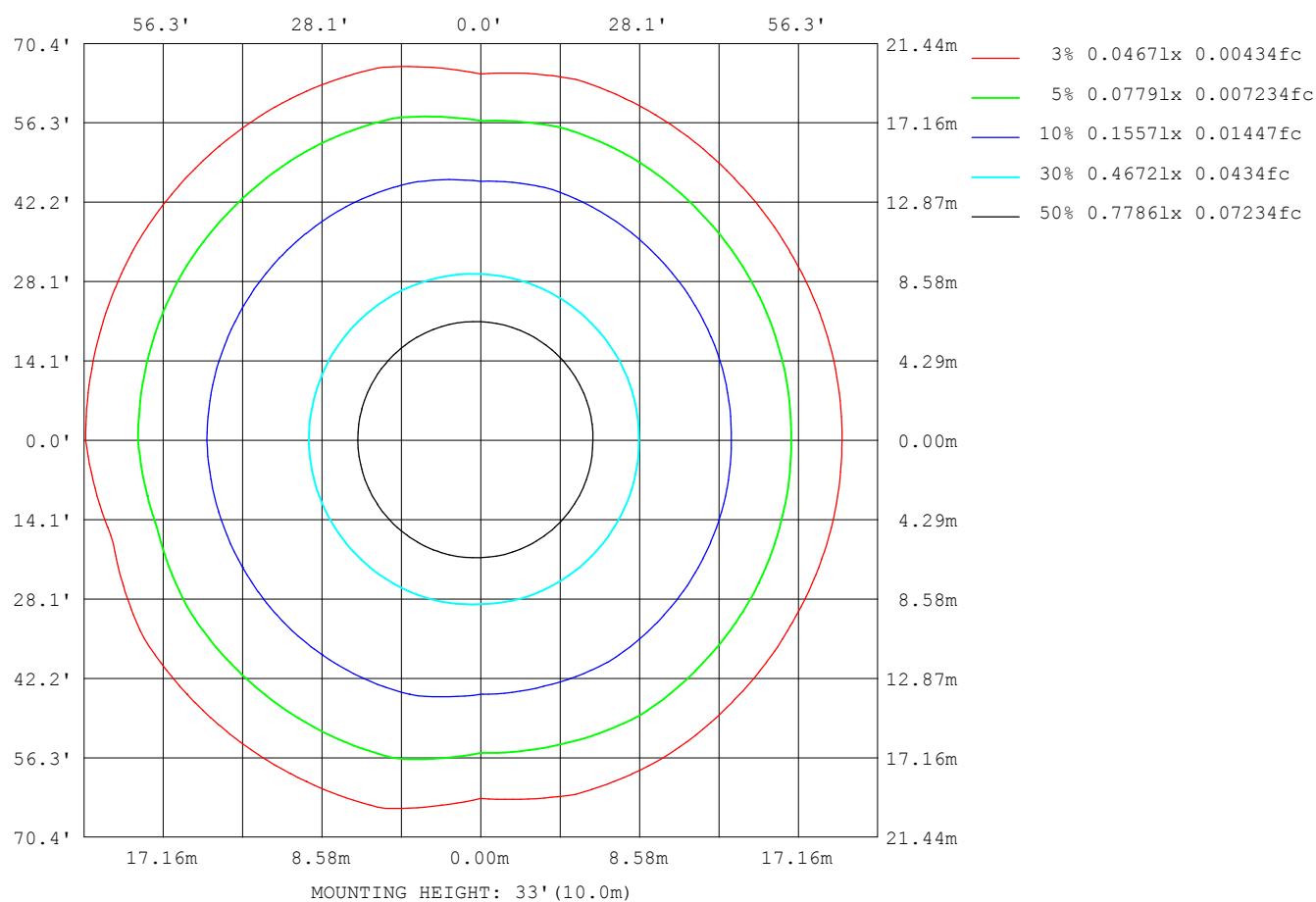
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.4DEG
 Operators: Congren Xie
 Test Date: 2021-05-18

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



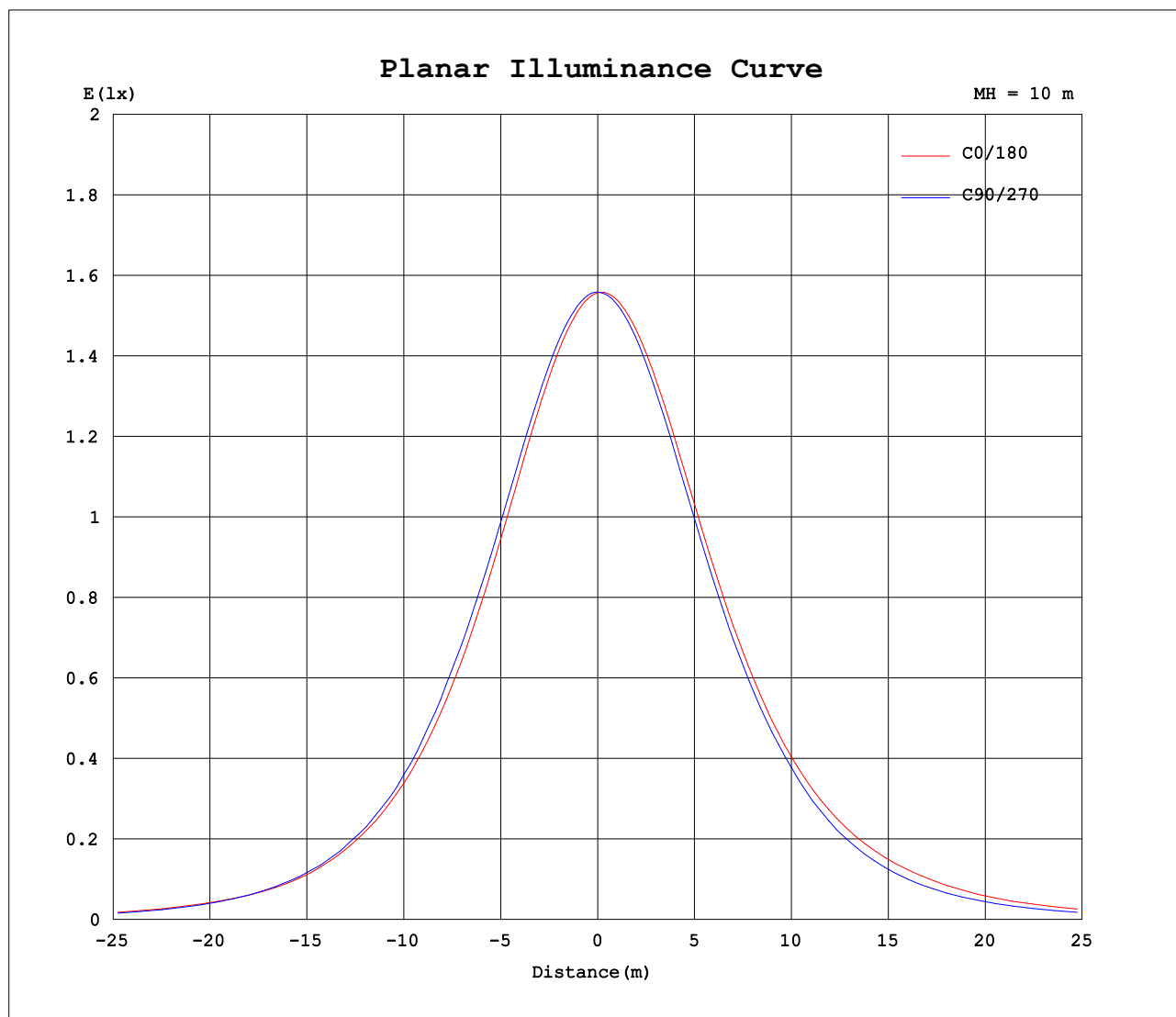
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.4DEG
Operators: Congren Xie
Test Date: 2021-05-18

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

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	156	156	156	156	156	156	156	156	156	156	156	156	156	156	156	156	156	156	156
5	154	154	154	154	155	155	155	155	156	156	156	156	156	156	156	156	156	156	155
10	151	151	151	152	152	153	153	154	154	155	155	156	156	156	155	155	155	154	154
15	147	147	147	148	149	149	150	151	152	152	153	153	154	154	153	153	152	152	151
20	141	141	142	143	144	145	146	147	148	149	150	150	150	150	150	149	149	148	147
25	134	135	135	136	138	139	140	141	143	144	145	145	146	146	145	145	144	142	141
30	126	127	128	129	130	132	133	135	136	137	138	139	140	140	140	139	138	136	134
35	117	118	119	120	122	123	125	127	128	130	131	132	133	133	132	131	130	128	127
40	107	108	108	110	112	114	114	117	119	121	122	123	124	124	124	123	121	119	117
45	96.0	96.4	97.2	98.7	101	103	102	107	109	111	112	113	114	114	114	113	111	109	107
50	83.7	84.0	84.7	86.4	88.0	88.7	87.3	94.9	97.0	98.9	100	102	103	103	103	102	100	97.8	92.7
55	69.8	70.6	71.4	72.7	74.8	73.0	72.3	82.1	84.0	85.9	87.5	89.3	91.0	90.9	90.1	89.0	87.4	84.8	77.6
60	56.0	56.2	57.1	58.3	60.5	58.3	56.9	68.1	69.9	71.7	73.7	73.3	77.9	77.7	76.8	75.1	73.6	71.0	61.5
65	44.0	44.3	43.6	44.0	45.5	47.6	40.9	53.2	54.8	56.7	58.5	53.3	60.8	61.2	61.5	60.4	58.8	56.0	44.8
70	29.7	30.5	31.8	31.3	31.1	32.8	25.2	37.6	39.5	41.3	42.4	38.5	45.8	46.0	45.7	44.8	43.4	40.6	28.8
75	20.7	20.6	20.4	21.0	19.7	19.6	12.1	23.3	25.8	27.7	30.6	28.6	35.0	34.7	33.3	31.0	29.0	25.9	14.7
80	15.3	15.4	14.9	13.5	12.0	10.3	3.22	12.6	15.6	19.1	21.7	20.0	25.1	24.8	23.3	20.8	17.6	14.3	4.87
85	9.94	10.0	9.66	8.93	7.14	4.94	0.16	5.90	9.28	12.6	15.6	15.6	19.1	18.9	17.2	14.0	10.5	7.02	0.15
90	7.59	7.58	7.27	6.34	4.77	2.28	0.04	2.62	6.94	10.9	14.0	14.6	17.0	16.5	14.8	11.7	7.60	3.42	0.04
95	8.94	9.06	9.00	8.37	6.61	1.48	0.06	1.59	7.00	10.3	12.5	12.9	14.1	13.8	12.7	10.6	7.50	2.07	0.05
100	10.7	11.0	10.8	9.16	3.20	0.40	0.07	0.22	3.44	10.3	12.3	12.5	13.3	13.2	12.4	10.4	3.80	0.44	0.12
105	9.10	8.66	6.46	3.26	0.97	0.35	0.07	0.24	0.95	3.94	8.62	11.0	12.1	11.4	8.72	3.91	0.99	0.24	0.13
110	4.44	4.08	2.68	1.24	0.47	0.29	0.15	0.28	0.33	1.63	3.53	4.89	5.60	4.85	3.42	1.55	0.41	0.25	0.16
115	2.22	1.98	1.28	0.55	0.32	0.25	0.18	0.31	0.32	0.46	1.52	2.53	2.91	2.56	1.42	0.34	0.33	0.26	0.20
120	1.37	1.16	0.80	0.46	0.32	0.30	0.26	0.35	0.33	0.40	0.43	0.62	0.88	0.62	0.36	0.35	0.36	0.28	0.24
125	0.82	0.72	0.48	0.41	0.35	0.35	0.29	0.37	0.34	0.43	0.42	0.45	0.39	0.39	0.39	0.35	0.39	0.30	0.30
130	0.59	0.50	0.47	0.42	0.35	0.39	0.34	0.42	0.39	0.44	0.43	0.45	0.40	0.39	0.41	0.36	0.42	0.34	0.35
135	0.50	0.50	0.47	0.44	0.41	0.43	0.38	0.45	0.45	0.46	0.44	0.46	0.42	0.40	0.43	0.43	0.44	0.36	0.39
140	0.52	0.51	0.48	0.48	0.47	0.47	0.43	0.48	0.48	0.49	0.45	0.47	0.43	0.40	0.46	0.44	0.46	0.43	0.44
145	0.53	0.54	0.50	0.51	0.52	0.54	0.52	0.51	0.51	0.51	0.47	0.50	0.45	0.45	0.49	0.45	0.50	0.45	0.51
150	0.54	0.56	0.55	0.55	0.53	0.57	0.54	0.54	0.55	0.55	0.52	0.54	0.48	0.46	0.51	0.50	0.52	0.54	0.54
155	0.55	0.58	0.55	0.58	0.54	0.58	0.54	0.56	0.54	0.56	0.53	0.56	0.51	0.48	0.53	0.54	0.55	0.54	0.57
160	0.56	0.59	0.55	0.60	0.55	0.60	0.55	0.58	0.54	0.58	0.54	0.58	0.55	0.54	0.55	0.54	0.56	0.55	0.59
165	0.61	0.62	0.59	0.62	0.57	0.62	0.56	0.60	0.55	0.59	0.54	0.60	0.58	0.54	0.57	0.55	0.59	0.56	0.61
170	0.62	0.63	0.62	0.63	0.62	0.63	0.60	0.62	0.58	0.62	0.55	0.62	0.60	0.55	0.59	0.55	0.62	0.57	0.63
175	0.63	0.63	0.63	0.64	0.63	0.63	0.63	0.65	0.62	0.63	0.62	0.64	0.63	0.59	0.63	0.61	0.64	0.62	0.63
180	0.63	0.65	0.63	0.63	0.64	0.63	0.63	0.64	0.63	0.63	0.64	0.64	0.64	0.63	0.65	0.64	0.64	0.64	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	156	156	156	156	156													
5	155	155	155	154	154													
10	153	153	152	152	151													
15	150	149	148	148	147													
20	145	144	143	142	142													
25	140	138	137	136	135													
30	133	131	129	128	127													
35	125	123	121	119	118													
40	115	113	111	109	108													
45	104	102	99.6	98.1	97.0													
50	92.5	89.9	87.4	85.7	84.7													
55	79.3	76.4	73.8	72.3	71.1													
60	63.8	61.9	59.3	57.8	56.6													
65	48.8	46.8	44.7	44.2	44.5													
70	33.4	32.2	31.9	32.2	30.9													
75	20.8	20.5	21.2	20.6	20.9													
80	10.6	12.5	13.5	14.7	15.3													
85	5.17	7.21	8.61	9.42	9.85													
90	2.60	5.31	6.62	7.27	7.53													
95	1.46	6.69	8.54	8.90	8.88													
100	0.32	3.02	8.59	10.4	10.6													
105	0.25	0.89	3.27	6.18	8.42													
110	0.26	0.33	1.40	2.73	4.03													
115	0.22	0.26	0.62	1.32	1.98													
120	0.23	0.26	0.42	0.70	1.17													
125	0.27	0.31	0.31	0.52	0.74													
130	0.33	0.36	0.33	0.39	0.46													
135	0.35	0.40	0.35	0.42	0.43													
140	0.42	0.44	0.44	0.45	0.46													
145	0.54	0.50	0.48	0.49	0.49													
150	0.54	0.57	0.53	0.53	0.55													
155	0.54	0.58	0.55	0.55	0.55													
160	0.54	0.59	0.55	0.59	0.56													
165	0.57	0.61	0.58	0.62	0.60													
170	0.61	0.62	0.61	0.63	0.62													
175	0.62	0.63	0.63	0.63	0.62													
180	0.63	0.64	0.65	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

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]
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Assessor: Chunbo Zhou