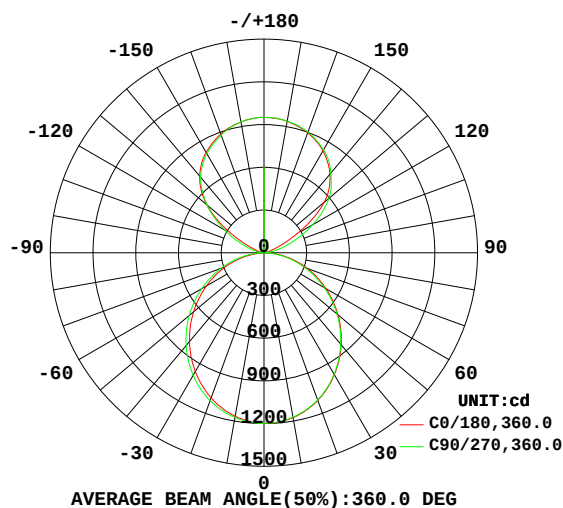


LUMINAIRE PHOTOMETRIC TEST REPORT

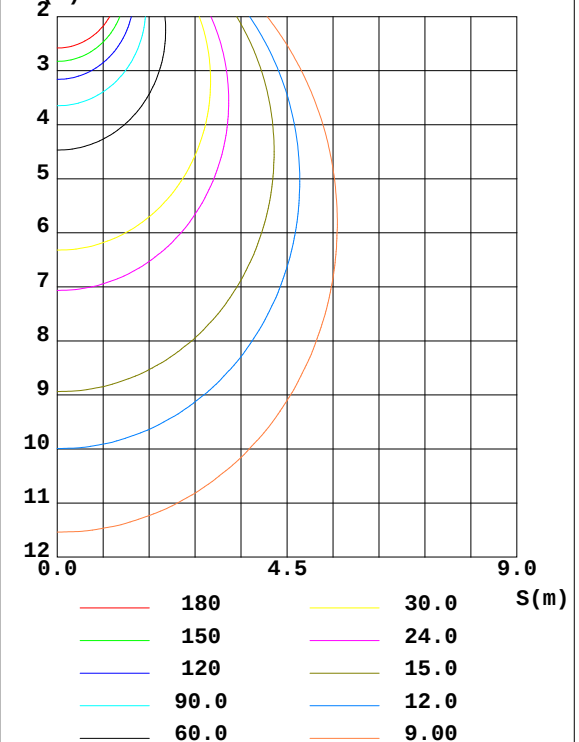
Test:U:119.8V I:0.3960A P:47.40W PF:0.9900 Freq:60.00Hz Lamp Flux:5689.25x1 lm		
NAME: 17代 白色	TYPE:50W 4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.1005*0.03+0.12*0.04	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 120.03 lm/W			
MODEL	上下发光	I _{max} (cd)	1199	S/MH(C0/180)	1.23
NOMINAL POWER(W)	50	LOR(%)	100.0	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	5689.3	η UP, DN(C0-180)	21.7, 28.9
NOMINAL FLUX(lm)	5689.25	CIE CLASS	DIFFUSE	η UP, DN(C180-360)	20.6, 28.8
LAMPS INSIDE	1	η up(%)	42.3	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down(%)	57.7	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: 何俊伟
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-2000_V1 SYSTEM V2.0.353
Humidity: 65.0%
Test Distance: 7.540m [K=1.3263]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

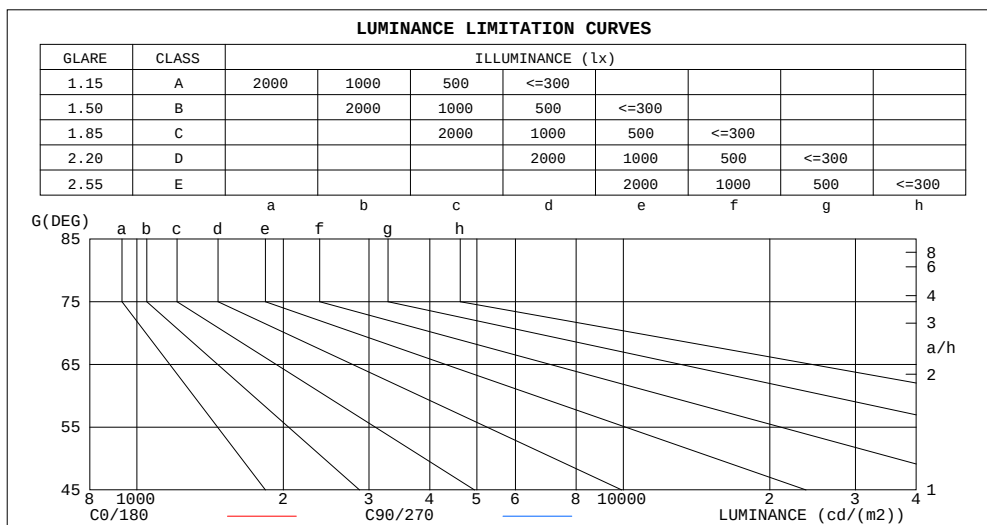
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1176	1174	1172	1174	1166	1169	1175	1171	0- 10	113.1	113.1	1.99,1.99
20	1104	1104	1100	1101	1085	1094	1106	1097	10- 20	321.7	434.8	7.64,7.64
30	988.5	991.5	985.2	986.9	964.3	977.7	995.1	982.4	20- 30	481.7	916.5	16.1,16.1
40	843.6	846.1	837.7	838.7	813.4	831.8	850.3	834.7	30- 40	571.4	1488	26.2,26.2
50	678.3	678.9	669.4	670.6	645.9	663.5	685.4	666.9	40- 50	582.6	2070	36.4,36.4
60	502.1	499.6	488.4	490.9	466.7	484.3	505.3	487.9	50- 60	519.3	2590	45.5,45.5
70	324.1	318.4	305.2	311.1	288.5	303.3	321.8	307.3	60- 70	395.5	2985	52.5,52.5
80	147.8	146.2	131.5	139.9	107.8	131.2	145.2	138.7	70- 80	234.6	3220	56.6,56.6
90	5.761	4.821	0.5734	4.337	1.536	3.713	0.4840	4.036	80- 90	63.07	3283	57.7,57.7
100	16.26	28.52	62.17	34.96	13.33	27.24	42.54	23.24	90-100	11.98	3295	57.9,57.9
110	71.17	129.9	196.0	145.5	69.64	119.2	145.2	110.5	100-110	73.77	3369	59.2,59.2
120	270.7	339.4	394.8	350.6	257.1	311.7	315.5	312.3	110-120	212.2	3581	62.9,62.9
130	551.9	565.0	594.2	561.2	524.6	538.7	521.7	541.0	120-130	390.6	3971	69.8,69.8
140	720.9	721.3	730.9	721.2	701.9	703.8	692.8	707.4	130-140	491.5	4463	78.4,78.4
150	826.9	824.7	836.1	826.2	813.8	804.9	803.8	810.9	140-150	481.5	4944	86.9,86.9
160	897.1	893.6	902.0	896.3	887.6	888.4	879.4	888.9	150-160	395.7	5340	93.9,93.9
170	937.9	939.3	939.3	934.3	933.3	934.6	933.5	936.3	160-170	259.0	5599	98.4,98.4
180	948.5	948.5	948.5	948.5	948.5	948.5	948.5	948.5	170-180	90.08	5689	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:何俊伟
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ Test System:EVERFINE G0-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:7.540m [K=1.3263]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.8V I:0.3960A P:47.40W PF:0.9900 Freq:60.00Hz Lamp Flux:5689.25x1 lm		
NAME: 17代 白色	TYPE:50W 4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.1005*0.03+0.12*0.04	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	103871	85245
80	121606	108191
75	130881	119731
70	135375	127473
65	139443	133984
60	143452	139546
55	147189	144506
50	150749	148782
45	154084	152531

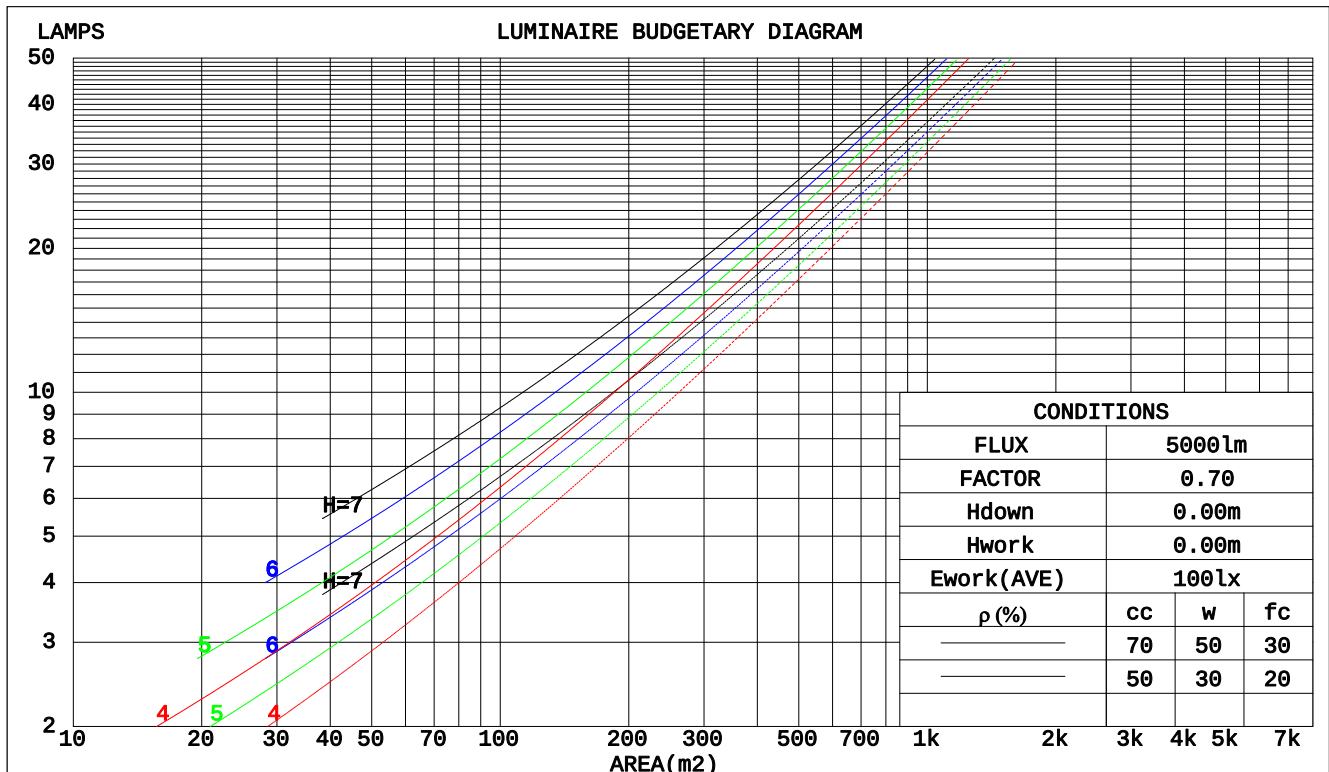
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:何俊伟
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:7.540m [K=1.3263]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.8V I:0.3960A P:47.40W PF:0.9900 Freq:60.00Hz Lamp Flux:5689.25x1 lm		
NAME: 17代 白色	TYPE:50W 4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.1005*0.03+0.12*0.04	Shielding Angle:

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.09	1.09	1.09	1.02	1.02	1.02	.88	.88	.88	.75	.75	.75	.63	.63	.63	.58
1.0	.95	.91	.87	.89	.85	.82	.77	.74	.72	.66	.64	.62	.56	.54	.53	.48
2.0	.83	.76	.71	.77	.72	.67	.67	.63	.59	.58	.54	.52	.49	.46	.44	.40
3.0	.73	.65	.59	.68	.61	.56	.59	.54	.50	.51	.47	.44	.43	.40	.38	.34
4.0	.64	.56	.50	.60	.53	.47	.52	.47	.42	.45	.41	.37	.38	.35	.32	.29
5.0	.57	.49	.43	.54	.46	.41	.47	.41	.36	.40	.36	.32	.35	.31	.28	.25
6.0	.51	.43	.37	.48	.41	.35	.42	.36	.32	.37	.32	.28	.31	.28	.25	.22
7.0	.46	.38	.32	.44	.36	.31	.38	.32	.28	.33	.28	.25	.29	.25	.22	.19
8.0	.42	.34	.29	.40	.32	.27	.35	.29	.25	.30	.26	.22	.26	.22	.20	.17
9.0	.38	.31	.26	.36	.29	.24	.32	.26	.22	.28	.23	.20	.24	.20	.18	.16
10.0	.35	.28	.23	.33	.27	.22	.29	.24	.20	.26	.21	.18	.22	.19	.16	.14



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:何俊伟
Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE G0-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:7.540m [K=1.3263]
Remarks:

WEC AND CCEC

Test:U:119.8V I:0.3960A P:47.40W PF:0.9900 Freq:60.00Hz Lamp Flux:5689.25x1 lm									
NAME: 17代 白色					TYPE:50W 4000K 3.7			WEIGHT:	
SPEC.:					DIM.:			SERIAL No.:	
MFR.: WS					SUR.:0.1005*0.03+0.12*0.04			Shielding Angle:	

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.287	.163	.052	.267	.153	.048	.230	.132	.042	.196	.113	.036	.165	.096	.031	
2.0	.268	.147	.045	.250	.138	.042	.216	.120	.037	.185	.104	.032	.156	.088	.028	
3.0	.248	.132	.039	.231	.124	.037	.200	.109	.033	.172	.094	.029	.146	.081	.025	
4.0	.229	.119	.035	.214	.112	.033	.186	.098	.029	.159	.086	.026	.135	.073	.022	
5.0	.212	.108	.031	.198	.102	.030	.172	.090	.026	.148	.078	.023	.126	.067	.020	
6.0	.197	.099	.028	.184	.093	.027	.160	.082	.024	.138	.072	.021	.117	.062	.018	
7.0	.184	.091	.026	.172	.086	.024	.150	.076	.022	.129	.066	.019	.110	.057	.017	
8.0	.172	.084	.024	.161	.079	.022	.140	.070	.020	.121	.061	.018	.103	.053	.015	
9.0	.161	.078	.022	.151	.074	.021	.132	.065	.018	.114	.057	.016	.097	.049	.014	
10.0	.152	.073	.020	.142	.069	.019	.124	.061	.017	.107	.053	.015	.091	.046	.013	

ρ _{cc}	80%			70%			50%			30%			10%			0
ρ _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.513	.513	.513	.438	.438	.438	.299	.299	.299	.172	.172	.172	.055	.055	.055	
1.0	.504	.481	.461	.431	.413	.397	.295	.284	.274	.170	.164	.160	.054	.053	.052	
2.0	.496	.459	.428	.425	.395	.370	.291	.273	.258	.168	.159	.151	.054	.051	.049	
3.0	.489	.443	.406	.419	.382	.352	.288	.265	.247	.166	.155	.146	.053	.050	.048	
4.0	.482	.431	.392	.414	.372	.340	.284	.259	.240	.165	.152	.142	.053	.049	.047	
5.0	.475	.421	.381	.408	.365	.332	.281	.255	.234	.163	.150	.139	.053	.049	.046	
6.0	.469	.414	.374	.403	.358	.326	.278	.251	.230	.161	.148	.137	.052	.048	.045	
7.0	.463	.407	.369	.398	.353	.321	.275	.248	.228	.160	.146	.135	.052	.048	.045	
8.0	.457	.402	.364	.393	.349	.318	.272	.245	.225	.158	.144	.134	.051	.047	.044	
9.0	.452	.398	.361	.389	.345	.315	.270	.243	.224	.157	.143	.133	.051	.047	.044	
10.0	.446	.394	.359	.385	.342	.313	.267	.241	.222	.156	.142	.133	.050	.047	.044	

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:何俊伟
Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE G0-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:7.540m [K=1.3263]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.8V I:0.3960A P:47.40W PF:0.9900 Freq:60.00Hz Lamp Flux:5689.25x1 lm											
NAME: 17代 白色						TYPE:50W 4000K 3.7			WEIGHT:		
SPEC.:						DIM.:			SERIAL No.:		
MFR.: WS						SUR.:0.1005*0.03+0.12*0.04			Shielding Angle:		
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	27.6	28.6	28.4	29.4	30.3	27.5	28.5	28.3	29.3	30.2	
	3H	29.1	30.0	29.9	30.8	31.8	28.9	29.8	29.7	30.6	31.6
	4H	29.7	30.6	30.5	31.4	32.4	29.5	30.3	30.3	31.1	32.2
	6H	30.2	31.0	31.0	31.8	32.8	29.8	30.6	30.7	31.5	32.5
	8H	30.3	31.1	31.1	31.9	33.0	29.9	30.7	30.8	31.6	32.6
	12H	30.4	31.1	31.2	32.0	33.0	30.0	30.7	30.8	31.6	32.6
4H	2H	28.0	28.9	28.9	29.7	30.8	28.0	28.8	28.8	29.6	30.7
	3H	29.7	30.4	30.6	31.3	32.4	29.5	30.3	30.4	31.1	32.2
	4H	30.4	31.1	31.3	32.0	33.1	30.2	30.9	31.1	31.8	32.9
	6H	31.0	31.6	31.9	32.5	33.6	30.7	31.3	31.6	32.2	33.3
	8H	31.2	31.7	32.1	32.7	33.8	30.9	31.4	31.8	32.3	33.5
	12H	31.3	31.8	32.3	32.7	33.9	31.0	31.4	31.9	32.4	33.5
8H	4H	30.6	31.1	31.5	32.1	33.2	30.4	30.9	31.3	31.9	33.0
	6H	31.4	31.8	32.3	32.7	33.9	31.1	31.5	32.0	32.4	33.6
	8H	31.6	32.0	32.6	33.0	34.2	31.3	31.7	32.3	32.6	33.8
	12H	31.8	32.1	32.8	33.1	34.3	31.5	31.8	32.4	32.7	34.0
12H	4H	30.6	31.1	31.5	32.0	33.2	30.4	30.9	31.3	31.8	33.0
	6H	31.4	31.8	32.3	32.7	33.9	31.1	31.5	32.1	32.4	33.6
	8H	31.7	32.0	32.7	33.0	34.2	31.4	31.7	32.4	32.7	33.9
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 5689 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.0)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:何俊伟
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:7.540m [K=1.3263]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.8V I:0.3960A P:47.40W PF:0.9900 Freq:60.00Hz Lamp Flux:5689.25x1 lm		
NAME: 17代 白色	TYPE:50W 4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.1005*0.03+0.12*0.04	Shielding Angle:

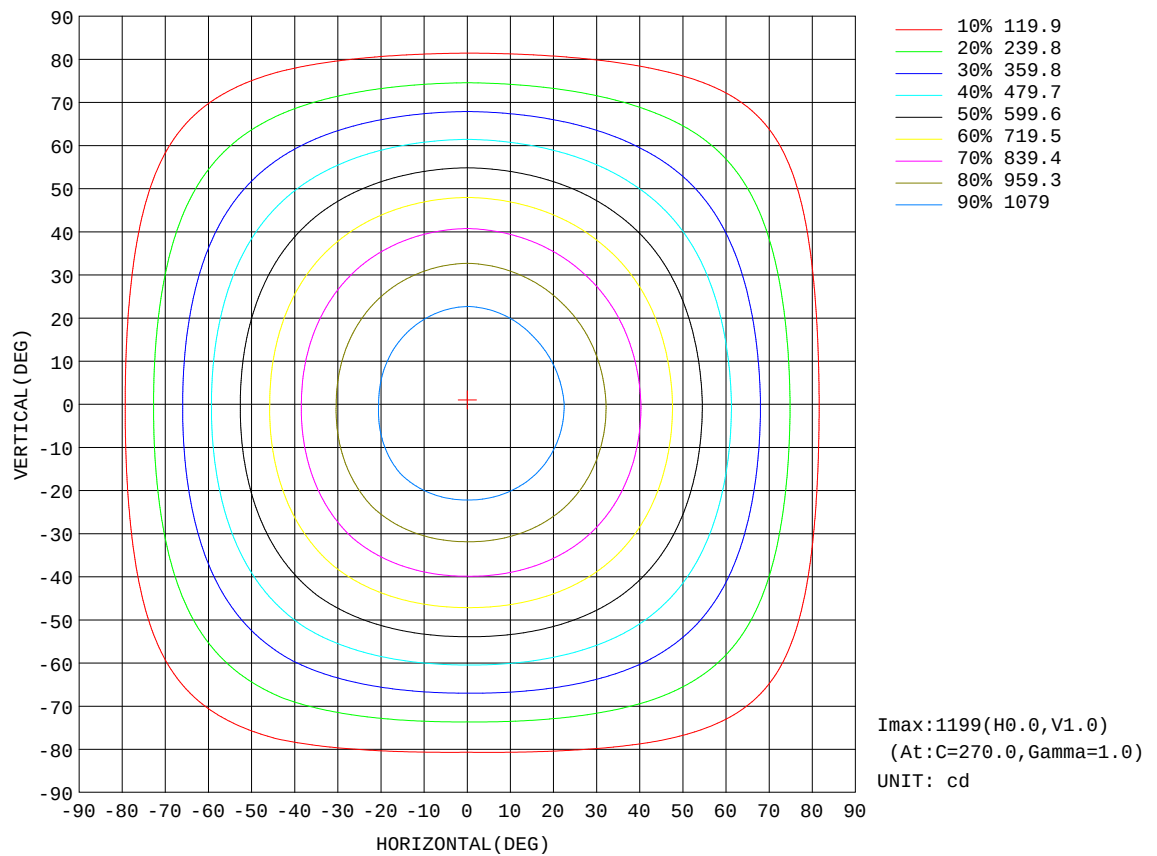
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	46	35	29	44	34	28	40	32	27	19
0.80	56	45	38	53	43	36	47	39	34	24
1.00	64	53	45	60	50	44	54	47	40	29
1.25	71	60	53	67	57	51	59	52	46	33
1.50	76	66	58	71	62	56	63	56	51	36
2.00	83	74	67	78	70	64	68	62	57	40
2.50	87	79	73	82	74	69	71	66	62	43
3.00	91	83	77	85	78	73	74	69	65	45
4.00	95	89	84	89	83	79	77	73	70	48
5.00	98	92	88	91	87	83	79	76	73	50
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:何俊伟
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:7.540m [K=1.3263]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:119.8V I:0.3960A P:47.40W PF:0.9900 Freq:60.00Hz Lamp Flux:5689.25x1 lm		
NAME: 17代 白色	TYPE:50W 4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.1005*0.03+0.12*0.04	Shielding Angle:

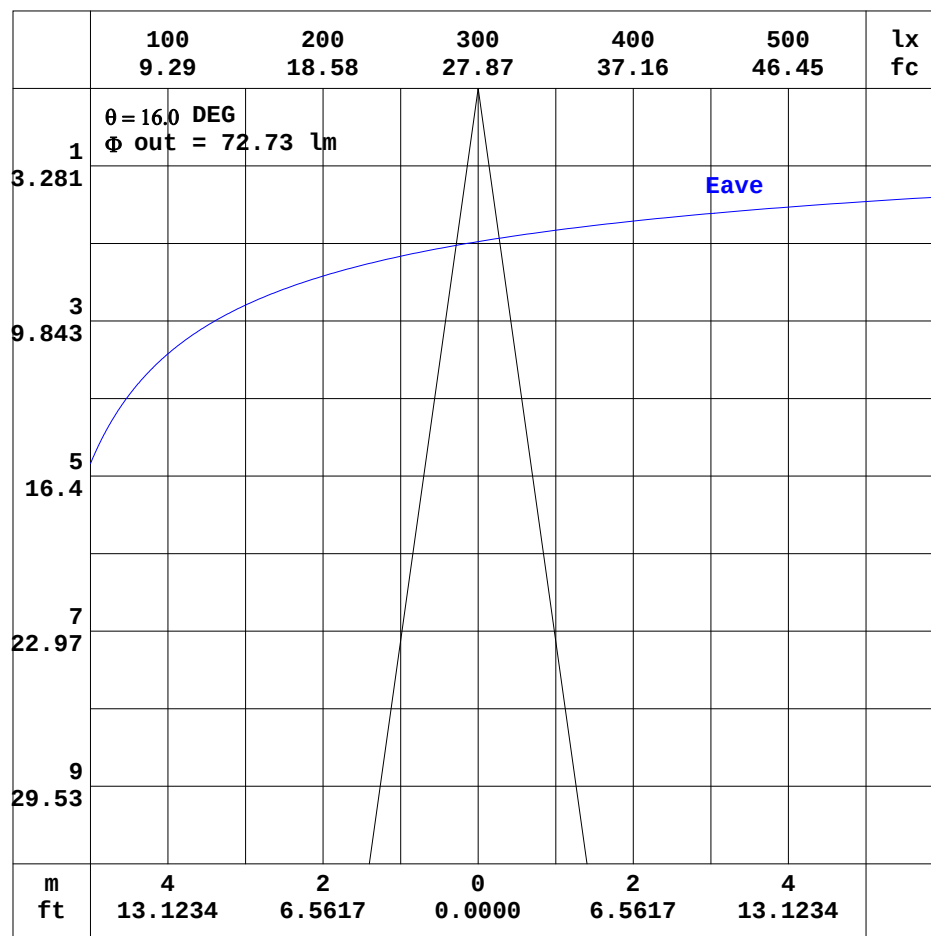


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:何俊伟
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:7.540m [K=1.3263]
Remarks:

AAI CURVES

Test:U:119.8V I:0.3960A P:47.40W PF:0.9900 Freq:60.00Hz Lamp Flux:5689.25x1 lm		
NAME: 17代 白色	TYPE:50W 4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.1005*0.03+0.12*0.04	Shielding Angle:



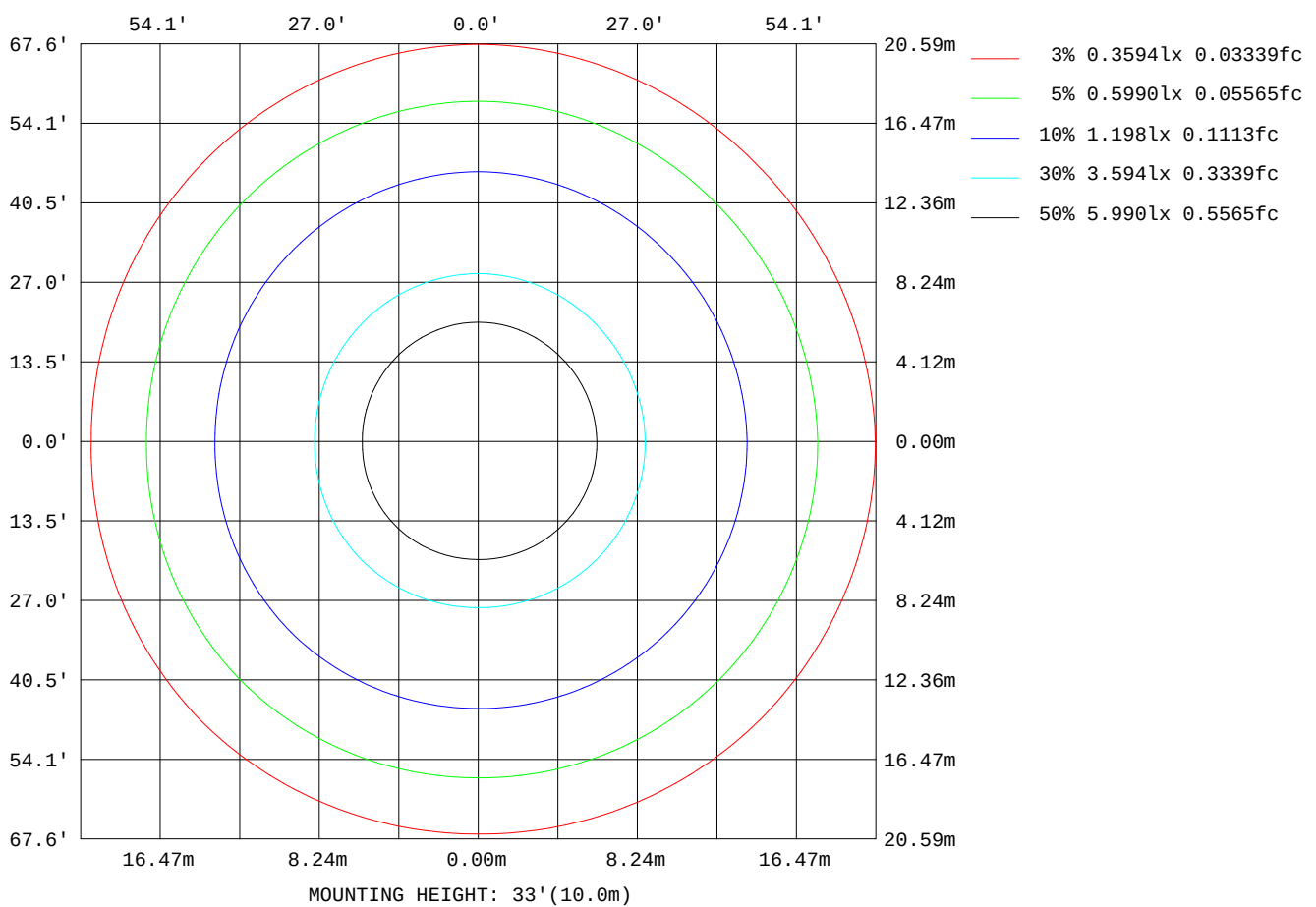
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: $0 - 360 \text{ DEG}$
 C Interval: 5.0 DEG
 Test Speed: MEDIUM
 Temperature: 25.3 DEG
 Operators: 何俊伟
 Test Date:

γ Range: $0 - 180 \text{ DEG}$
 γ Interval: 0.5 DEG
 Test System: EVERFINE G0-2000_V1 SYSTEM V2.0.353
 Humidity: 65.0%
 Test Distance: 7.540m [K=1.3263]
 Remarks:

ISOLUX DIAGRAM

Test:U:119.8V I:0.3960A P:47.40W PF:0.9900 Freq:60.00Hz Lamp Flux:5689.25x1 lm		
NAME: 17代 白色	TYPE:50W 4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.1005*0.03+0.12*0.04	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: 何俊伟
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-2000_V1 SYSTEM V2.0.353
Humidity: 65.0%
Test Distance: 7.540m [K=1.3263]
Remarks:

LED Avg.L Report

Test:U:119.8V I:0.3960A P:47.40W PF:0.9900 Freq:60.00Hz Lamp Flux:5689.25x1 lm		
NAME: 17代 白色	TYPE:50W 4000K 3.7	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.1005*0.03+0.12*0.04	Shielding Angle:

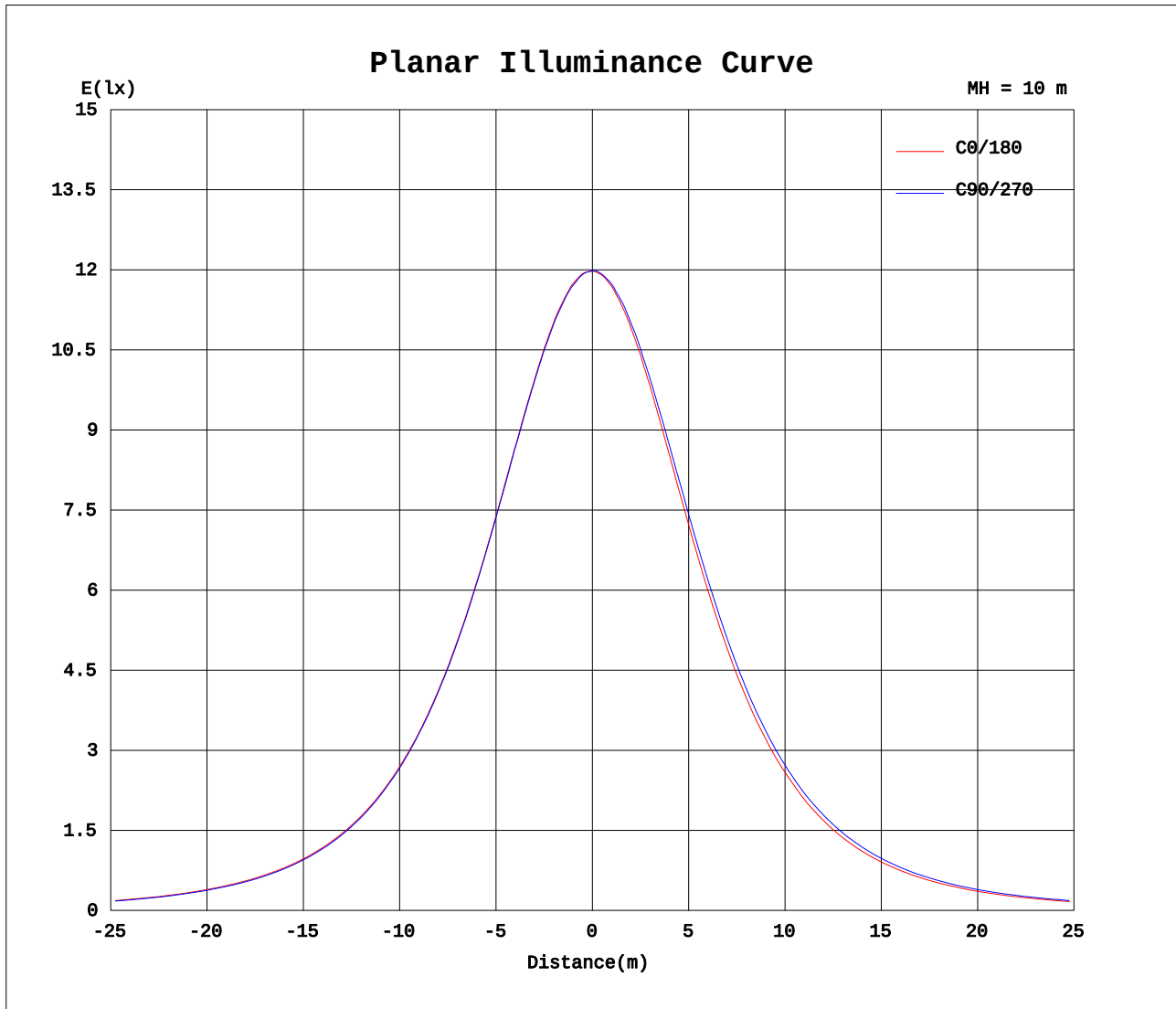
AvgL	cd/m2
L_0~180(65)av	133396
L_0~180(75)av	120317
L_0~180(85)av	74438
L_90~270(65)av	136850
L_90~270(75)av	123849
L_90~270(85)av	93077
L_45(65)av	135115
L_45(75)av	123410
L_45(85)av	92937

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:何俊伟
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:7.540m [K=1.3263]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: 何俊伟
Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-2000_V1 SYSTEM V2.0.353
Humidity: 65.0%
Test Distance: 7.540m [K=1.3263]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.8V I:0.3960A P:47.40W PF:0.9900 Freq:60.00Hz Lamp Flux:5689.25x1 lm																		
NAME: 17代 白色									TYPE:50W 4000K 3.7					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.: WS									SUR.:0.1005*0.03+0.12*0.04					Shielding Angle:				

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198
5	1193	1193	1193	1194	1194	1194	1194	1194	1193	1193	1193	1193	1192	1192	1191	1191	1191	1190	1190
10	1176	1176	1175	1175	1175	1175	1175	1175	1174	1174	1174	1174	1173	1173	1173	1172	1172	1172	1172
15	1145	1145	1145	1145	1145	1145	1145	1145	1145	1145	1144	1144	1144	1143	1143	1143	1143	1142	1142
20	1104	1104	1104	1104	1104	1104	1104	1104	1104	1104	1104	1103	1103	1102	1102	1101	1101	1100	1100
25	1051	1051	1052	1053	1053	1053	1053	1053	1053	1053	1053	1052	1051	1050	1050	1049	1048	1047	1046
30	988	989	990	991	991	991	992	992	992	992	991	990	990	989	988	987	987	986	985
35	920	920	921	922	922	922	922	922	922	922	921	921	920	919	918	917	917	916	915
40	844	844	845	846	846	846	847	847	846	846	845	844	844	843	841	840	839	839	838
45	763	764	764	765	765	765	766	765	765	765	764	763	762	761	759	758	757	756	755
50	678	679	679	680	680	680	680	680	679	679	678	677	676	675	674	672	671	670	669
55	591	591	591	592	592	591	591	591	590	590	589	588	587	585	584	583	582	581	580
60	502	502	502	502	502	502	501	501	500	500	498	497	496	494	493	492	490	489	488
65	413	413	412	412	412	411	411	410	410	409	407	406	404	403	401	400	399	397	396
70	324	324	324	323	323	322	321	320	319	318	317	315	314	312	310	309	307	306	305
75	237	237	236	236	235	235	234	233	232	231	229	227	226	224	222	221	219	218	217
80	148	148	149	149	149	149	148	148	147	146	145	143	141	139	137	136	134	133	132
85	63.4	64.0	64.5	64.9	65.1	65.1	65.0	64.8	64.4	63.8	62.6	61.3	59.9	58.4	57.0	55.6	54.3	53.1	52.0
90	5.76	5.82	5.84	5.82	5.75	5.65	5.50	5.32	5.09	4.82	4.30	3.76	3.21	2.67	2.14	1.66	1.22	0.86	0.57
95	2.85	2.47	2.26	2.22	2.35	2.65	3.12	3.75	4.56	5.53	7.47	9.52	11.6	13.7	15.7	17.6	19.3	20.8	21.9
100	16.3	16.6	17.1	18.0	19.1	20.4	22.1	23.9	26.1	28.5	32.7	37.0	41.4	45.7	49.8	53.6	57.0	59.9	62.2
105	38.5	39.7	41.4	43.4	45.8	48.5	51.7	55.2	59.1	63.4	70.5	77.7	85.0	92.1	98.8	105	111	115	119
110	71.2	77.3	83.6	89.9	96.3	103	109	116	123	130	139	148	157	166	174	181	187	192	196
115	145	155	164	173	182	191	200	208	217	225	235	244	253	261	269	276	282	286	290
120	271	279	287	295	303	311	318	325	332	339	348	356	364	371	377	383	388	392	395
125	418	422	426	430	434	439	443	447	452	456	463	469	475	480	486	490	495	498	500
130	552	553	553	554	556	557	559	561	563	565	569	573	577	581	584	587	590	593	594
135	649	649	649	649	650	650	651	652	652	653	655	657	659	661	663	665	666	667	668
140	721	721	720	720	720	720	720	720	721	721	722	724	725	726	727	728	729	730	731
145	779	778	778	777	777	777	777	778	778	779	780	782	784	785	787	788	790	791	792
150	827	826	825	825	824	824	824	824	824	825	826	827	829	830	832	833	834	835	836
155	867	865	864	864	863	863	862	862	862	862	863	864	865	866	868	869	870	871	872
160	897	896	895	895	894	894	893	893	893	894	894	895	896	897	898	899	900	901	902
165	920	920	920	920	920	920	920	920	920	920	921	922	922	923	924	924	925	925	925
170	938	938	938	938	939	939	939	939	939	939	939	940	940	940	940	940	940	939	939
175	948	948	948	949	949	950	950	950	950	950	950	950	950	950	950	950	950	950	950
180	949	949	949	949	949	949	949	949	949	949	949	949	949	949	949	949	949	949	949

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:何俊伟
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:7.540m [K=1.3263]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.8V I:0.3960A P:47.40W PF:0.9900 Freq:60.00Hz Lamp Flux:5689.25x1 lm																		
NAME: 17代 白色									TYPE:50W 4000K 3.7					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.: WS									SUR.:0.1005*0.03+0.12*0.04					Shielding Angle:				

Table--2

UNIT: cd

C(DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198
5	1190	1190	1191	1191	1191	1192	1192	1192	1192	1192	1191	1191	1190	1190	1190	1189	1189	1188	1188
10	1172	1172	1173	1173	1173	1174	1174	1174	1174	1173	1172	1171	1171	1170	1169	1168	1167	1166	1166
15	1142	1142	1142	1142	1142	1142	1142	1142	1142	1140	1139	1138	1136	1135	1134	1133	1131	1131	1131
20	1100	1101	1101	1101	1101	1101	1101	1101	1101	1099	1097	1095	1093	1091	1089	1088	1086	1085	1085
25	1047	1047	1047	1048	1048	1048	1048	1048	1048	1046	1044	1041	1039	1036	1034	1032	1030	1029	1029
30	986	986	986	987	987	987	987	987	987	985	982	979	976	974	971	968	966	964	965
35	915	915	916	916	916	916	916	916	915	913	910	907	904	902	899	897	894	893	893
40	838	838	839	839	839	840	840	839	839	836	833	830	827	823	820	818	815	813	814
45	755	756	756	757	757	757	757	757	757	754	751	748	745	742	739	737	734	732	733
50	670	670	670	671	671	671	671	671	671	668	665	662	659	656	653	650	648	646	646
55	580	581	581	582	582	582	582	582	582	579	576	573	570	567	564	561	559	557	558
60	489	489	490	490	491	491	491	491	491	488	485	482	479	476	474	471	469	467	467
65	397	397	398	399	400	400	401	401	401	398	395	392	389	386	384	381	379	377	377
70	306	307	307	308	309	310	311	311	311	309	306	303	301	298	295	293	290	288	289
75	218	219	220	221	223	224	224	225	225	223	220	217	213	210	207	204	201	199	199
80	132	134	135	136	137	138	139	140	140	137	133	129	125	121	117	114	110	108	109
85	52.5	53.2	54.0	54.7	55.3	55.9	56.2	56.2	56.0	52.9	49.5	46.0	42.4	38.8	35.5	32.4	29.7	27.5	28.5
90	0.86	1.23	1.66	2.12	2.61	3.09	3.55	3.98	4.34	4.14	3.88	3.56	3.22	2.85	2.49	2.14	1.81	1.54	1.72
95	21.2	20.2	18.8	17.3	15.6	13.8	12.0	10.1	8.27	7.22	6.26	5.40	4.63	3.96	3.38	2.90	2.51	2.22	2.07
100	60.9	59.0	56.6	53.6	50.3	46.7	42.9	38.9	35.0	31.7	28.6	25.7	22.9	20.3	18.1	16.1	14.5	13.3	13.7
105	117	114	110	106	100	94.4	88.2	81.8	75.4	70.1	65.0	60.2	55.6	51.3	47.5	44.1	41.3	39.1	39.3
110	195	192	188	183	177	170	162	154	145	136	126	116	106	96.8	88.4	81.0	74.6	69.6	71.7
115	289	286	283	278	272	265	258	249	240	228	215	202	190	178	167	158	149	143	146
120	394	392	389	384	379	373	366	359	351	339	327	315	303	292	282	272	264	257	259
125	499	496	493	489	484	479	473	467	460	452	443	435	427	419	412	406	400	396	397
130	592	590	587	584	580	575	571	566	561	556	551	547	542	538	534	530	527	525	525
135	667	666	665	663	661	659	657	654	651	648	645	641	638	635	632	629	627	625	625
140	731	730	729	728	727	726	725	723	721	719	717	714	712	710	708	705	704	702	702
145	791	790	789	787	786	784	782	780	778	776	775	773	772	770	769	768	766	765	764
150	836	835	834	833	832	831	829	828	826	825	823	822	821	819	818	816	815	814	813
155	872	872	871	871	870	870	869	868	867	865	864	862	861	859	857	856	855	853	853
160	902	902	901	901	900	899	898	897	896	895	894	893	892	891	890	889	888	888	888
165	925	924	923	922	921	920	919	918	917	916	916	915	915	915	915	914	914	914	914
170	939	938	938	937	937	936	935	935	934	934	934	934	933	933	933	933	933	933	933
175	949	949	949	948	948	947	947	947	946	946	946	946	946	946	946	947	947	947	947
180	949	949	949	949	949	949	949	949	949	949	949	949	949	949	949	949	949	949	949

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:何俊伟
Test Date:

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:7.540m [K=1.3263]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.8V I:0.3960A P:47.40W PF:0.9900 Freq:60.00Hz Lamp Flux:5689.25x1 lm																		
NAME: 17代 白色									TYPE:50W 4000K 3.7					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.: WS									SUR.:0.1005*0.03+0.12*0.04					Shielding Angle:				

Table--3

UNIT: cd

C(DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198
5	1188	1188	1189	1189	1189	1189	1190	1190	1190	1191	1191	1191	1192	1192	1192	1192	1192	1192	1192
10	1166	1167	1167	1167	1168	1168	1169	1169	1170	1171	1171	1172	1173	1174	1174	1175	1175	1175	1174
15	1131	1132	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1144	1145	1144	1144
20	1085	1086	1087	1088	1089	1091	1092	1094	1096	1097	1099	1100	1102	1103	1104	1105	1106	1105	1104
25	1030	1031	1032	1033	1035	1036	1038	1040	1042	1044	1046	1048	1050	1052	1053	1055	1056	1055	1054
30	965	966	968	969	971	973	975	978	980	982	985	987	989	991	993	994	995	994	993
35	894	895	897	899	901	903	906	908	911	913	915	918	920	922	924	925	926	925	924
40	815	817	819	821	823	826	829	832	834	837	840	842	844	846	848	849	850	849	848
45	734	735	737	739	741	744	747	749	752	755	758	761	763	766	768	769	770	769	767
50	647	649	651	653	655	658	661	663	667	670	673	675	678	680	682	684	685	684	682
55	559	560	562	564	566	569	572	575	578	581	584	587	589	591	594	595	596	595	593
60	468	470	472	474	476	479	481	484	487	490	493	496	498	501	503	504	505	504	502
65	378	380	381	383	386	388	391	393	396	399	402	404	407	409	411	412	413	412	410
70	290	291	292	294	296	299	301	303	306	308	311	313	315	318	319	321	322	321	319
75	201	202	204	206	209	211	214	216	219	221	223	225	227	228	230	231	232	231	230
80	110	113	115	118	121	124	128	131	133	135	137	139	141	142	143	144	145	145	144
85	30.2	32.3	34.7	37.5	40.4	43.5	46.6	49.7	51.6	53.4	55.1	56.6	57.9	59.1	60.1	60.9	61.6	61.4	61.1
90	1.96	2.22	2.51	2.80	3.08	3.33	3.55	3.71	3.40	3.03	2.63	2.22	1.81	1.41	1.04	0.73	0.48	0.70	0.99
95	2.01	2.04	2.15	2.36	2.64	3.01	3.46	3.98	4.93	5.93	6.93	7.93	8.88	9.76	10.5	11.2	11.7	11.2	10.5
100	14.6	15.7	17.2	18.9	20.8	22.8	25.0	27.2	29.5	31.8	34.0	36.0	37.9	39.5	40.9	41.9	42.5	41.2	39.6
105	40.1	41.5	43.3	45.6	48.2	51.2	54.3	57.7	61.6	65.6	69.4	73.1	76.5	79.5	82.1	84.0	85.3	82.9	79.8
110	75.1	79.6	85.0	91.2	97.9	105	112	119	124	128	132	136	139	141	143	145	145	143	141
115	151	157	164	173	182	191	200	208	212	215	218	220	222	223	223	223	223	222	222
120	263	269	275	282	289	297	305	312	314	315	316	317	317	317	317	316	316	316	317
125	400	403	407	412	417	422	426	430	430	430	429	428	426	425	423	422	421	421	422
130	526	528	529	531	533	535	537	539	537	535	533	531	529	527	525	523	522	523	524
135	625	626	626	627	628	629	630	630	628	626	623	621	619	617	615	613	612	613	615
140	702	702	702	703	703	703	704	704	702	701	700	698	697	695	694	693	693	694	695
145	763	762	761	760	760	759	758	758	757	756	755	755	754	754	753	753	753	754	755
150	811	810	809	808	807	806	806	805	804	804	804	803	803	803	803	804	804	804	805
155	853	852	852	852	852	852	852	852	851	850	848	847	846	845	844	844	843	844	844
160	888	888	888	888	888	888	888	888	887	886	885	884	883	882	881	880	879	880	881
165	914	914	914	914	914	914	914	914	914	914	914	913	913	913	912	912	912	912	912
170	934	934	934	934	934	934	935	935	935	934	934	934	934	934	934	934	934	934	934
175	947	947	946	946	946	946	946	946	946	946	946	946	946	946	946	946	946	946	946
180	949	949	949	949	949	949	949	949	949	949	949	949	949	949	949	949	949	949	949

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:何俊伟
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:7.540m [K=1.3263]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.8V I:0.3960A P:47.40W PF:0.9900 Freq:60.00Hz Lamp Flux:5689.25x1 lm																	
NAME: 17代 白色									TYPE:50W 4000K 3.7						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: WS									SUR.:0.1005*0.03+0.12*0.04						Shielding Angle:		

Table--4

UNIT: cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198	1198				
5	1192	1191	1191	1190	1190	1190	1190	1190	1190	1190	1190	1191	1191	1192	1192				
10	1174	1174	1173	1173	1172	1172	1171	1172	1172	1172	1172	1173	1173	1174	1175				
15	1144	1143	1142	1142	1141	1141	1140	1140	1141	1141	1141	1142	1143	1143	1144				
20	1103	1102	1101	1100	1099	1098	1097	1097	1097	1097	1098	1099	1100	1101	1102				
25	1053	1051	1050	1048	1047	1045	1044	1044	1044	1044	1045	1045	1046	1048	1049				
30	992	990	989	987	985	984	982	982	982	982	983	983	984	985	987				
35	922	921	919	917	915	914	912	912	912	912	913	914	915	916	918				
40	846	844	842	840	838	836	835	834	835	835	836	837	838	839	841				
45	765	763	761	759	756	754	752	752	752	753	753	755	756	758	760				
50	680	678	676	673	671	669	667	667	667	667	668	670	671	673	676				
55	592	589	587	585	582	580	579	579	579	579	580	582	583	586	588				
60	500	498	496	494	491	490	488	488	488	489	490	492	494	496	499				
65	408	406	404	402	400	398	396	396	397	398	399	401	403	406	409				
70	317	316	314	312	310	309	307	308	308	309	311	313	315	318	321				
75	229	227	226	225	223	222	222	222	223	224	225	227	229	231	234				
80	144	143	142	141	140	139	139	139	139	140	141	142	143	144	146				
85	60.6	60.1	59.5	58.9	58.3	57.7	57.3	57.5	57.8	58.2	58.7	59.4	60.2	61.1	62.2				
90	1.34	1.74	2.17	2.63	3.10	3.57	4.04	4.32	4.58	4.81	5.03	5.22	5.39	5.53	5.66				
95	9.73	8.85	7.89	6.90	5.90	4.91	3.98	3.53	3.17	2.88	2.67	2.55	2.50	2.54	2.65				
100	37.6	35.4	33.1	30.6	28.1	25.6	23.2	21.9	20.6	19.5	18.6	17.8	17.2	16.7	16.4				
105	76.3	72.2	67.9	63.4	58.9	54.4	50.0	47.6	45.4	43.5	42.0	40.7	39.7	39.0	38.6				
110	138	134	130	125	121	116	111	106	102	97.9	93.6	89.2	84.8	80.3	75.8				
115	220	219	216	214	211	207	203	199	194	188	182	176	169	161	154				
120	317	317	317	316	315	314	312	310	306	303	299	294	289	283	277				
125	423	424	425	427	428	428	429	429	428	428	427	425	424	422	420				
130	526	528	531	533	536	538	541	543	544	546	547	548	549	550	551				
135	617	619	622	625	627	630	633	635	637	639	641	643	644	646	647				
140	696	698	699	701	703	705	707	709	710	712	714	715	717	718	719				
145	756	757	758	760	761	763	765	766	767	769	770	772	774	775	777				
150	805	806	807	808	809	810	811	812	814	815	817	819	821	823	825				
155	845	846	848	849	851	852	854	855	856	858	859	861	862	864	865				
160	881	882	884	885	886	888	889	890	891	892	893	894	895	895	896				
165	912	913	913	913	914	914	915	915	916	916	917	917	918	919	920				
170	934	935	935	935	936	936	936	937	937	937	937	937	938	938	938				
175	947	947	947	947	947	948	948	948	948	948	948	948	948	948	948				
180	949	949	949	949	949	949	949	949	949	949	949	949	949	949	949				

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:何俊伟
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:7.540m [K=1.3263]
 Remarks: