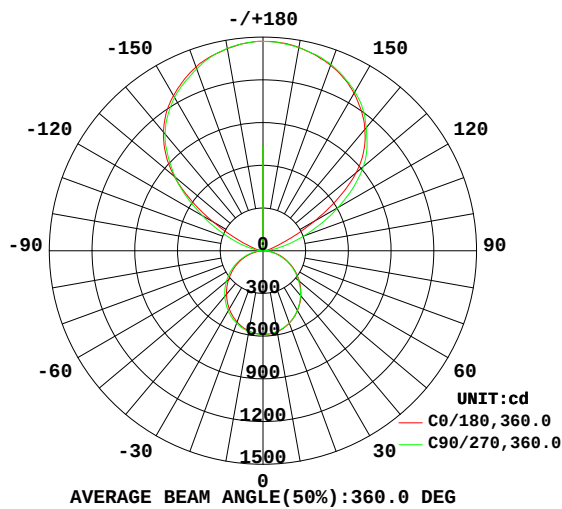


LUMINAIRE PHOTOMETRIC TEST REPORT

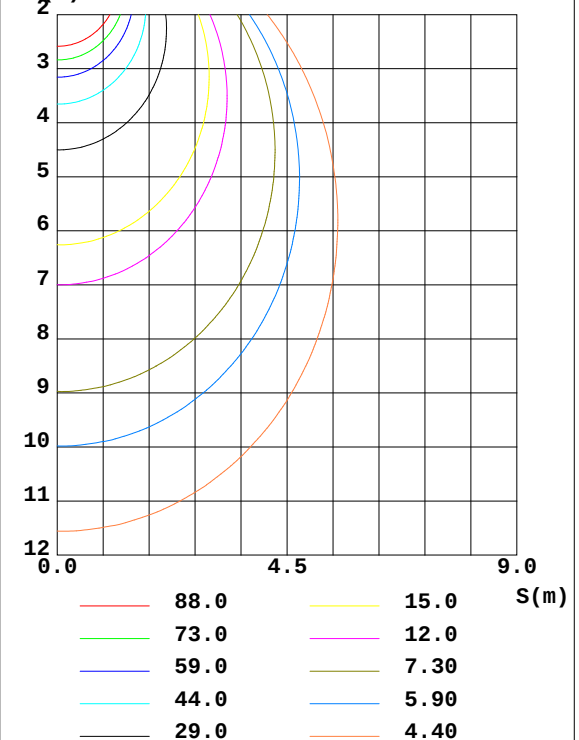
Test:U:119.8V I:0.4250A P:50.80W PF:0.9900 Freq:60.00Hz Lamp Flux:5327.83x1 lm		
NAME: 17代 白色	TYPE:50W 4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.1055*0.03+0.12*0.04	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 104.88 lm/W			
MODEL	上下发光	I _{max} (cd)	1472	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)	5327.8	η UP, DN(C0-180)	35.8, 15.1
NOMINAL FLUX(lm)	5327.83	CIE CLASS	SEMI-IND.	η UP, DN(C180-360)	34.0, 15.1
LAMPS INSIDE	1	η up(%)	69.8	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down(%)	30.2	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:

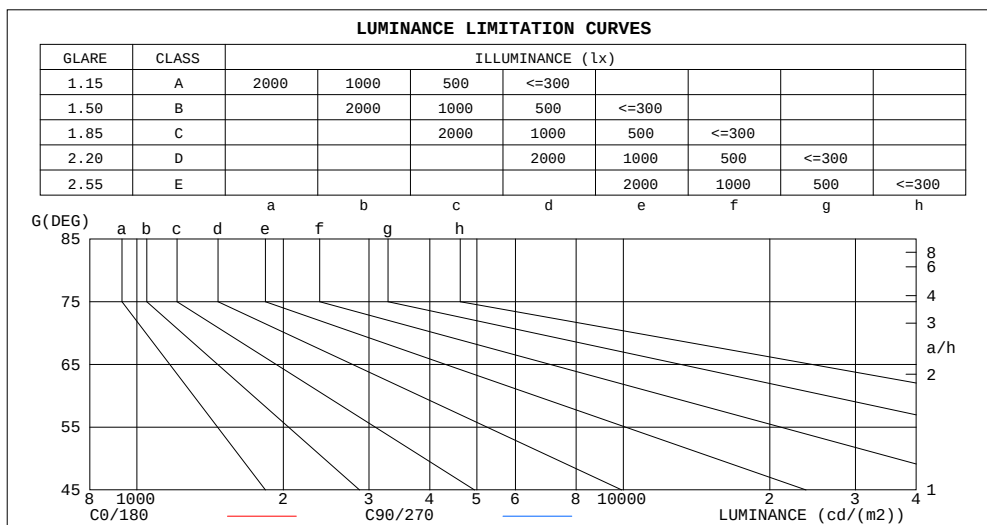
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	577.4	576.3	574.8	576.0	572.3	573.8	576.3	575.1	0- 10	55.49	55.49	1.04,1.04
20	541.4	541.5	539.6	539.9	533.0	536.8	541.9	538.2	10- 20	157.9	213.4	4,4
30	485.2	486.7	482.6	484.2	473.3	479.9	487.9	481.5	20- 30	236.3	449.7	8.44,8.44
40	414.0	414.4	410.3	411.1	399.5	408.0	417.6	410.0	30- 40	280.2	729.9	13.7,13.7
50	332.8	332.9	327.7	328.4	316.0	325.6	336.1	327.6	40- 50	285.7	1016	19.1,19.1
60	246.3	244.6	239.1	240.7	229.0	237.8	248.3	239.7	50- 60	254.6	1270	23.8,23.8
70	159.1	156.3	149.3	152.3	140.5	149.2	158.4	151.2	60- 70	194.1	1464	27.5,27.5
80	72.75	71.47	64.77	68.75	53.18	65.51	71.01	68.81	70- 80	114.6	1579	29.6,29.6
90	3.314	2.943	0.3695	3.348	1.162	2.829	0.5569	3.019	80- 90	31.66	1611	30.2,30.2
100	23.93	42.43	95.30	51.93	20.10	40.96	65.67	34.44	90-100	16.73	1627	30.5,30.5
110	106.8	199.8	303.0	223.2	107.6	187.6	223.9	173.1	100-110	113.1	1740	32.7,32.7
120	417.8	524.6	609.2	541.6	399.2	482.3	487.1	480.2	110-120	327.9	2068	38.8,38.8
130	853.8	872.4	920.4	869.1	811.5	833.7	805.6	834.0	120-130	603.7	2672	50.2,50.2
140	1113	1115	1128	1113	1087	1090	1070	1092	130-140	759.8	3432	64.4,64.4
150	1278	1275	1290	1277	1258	1250	1243	1255	140-150	744.4	4176	78.4,78.4
160	1387	1384	1394	1386	1374	1370	1360	1376	150-160	612.1	4788	89.9,89.9
170	1449	1453	1447	1444	1442	1447	1444	1443	160-170	400.3	5189	97.4,97.4
180	1469	1469	1469	1469	1469	1469	1469	1469	170-180	139.2	5328	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:0.4250A P:50.80W PF:0.9900 Freq:60.00Hz Lamp Flux:5327.83x1 lm		
NAME: 17代 白色	TYPE:50W 4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.1055*0.03+0.12*0.04	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	51424	41813
80	59852	53284
75	64252	58446
70	66465	62343
65	68448	65563
60	70382	68305
55	72230	70685
50	73965	72820
45	75645	74751

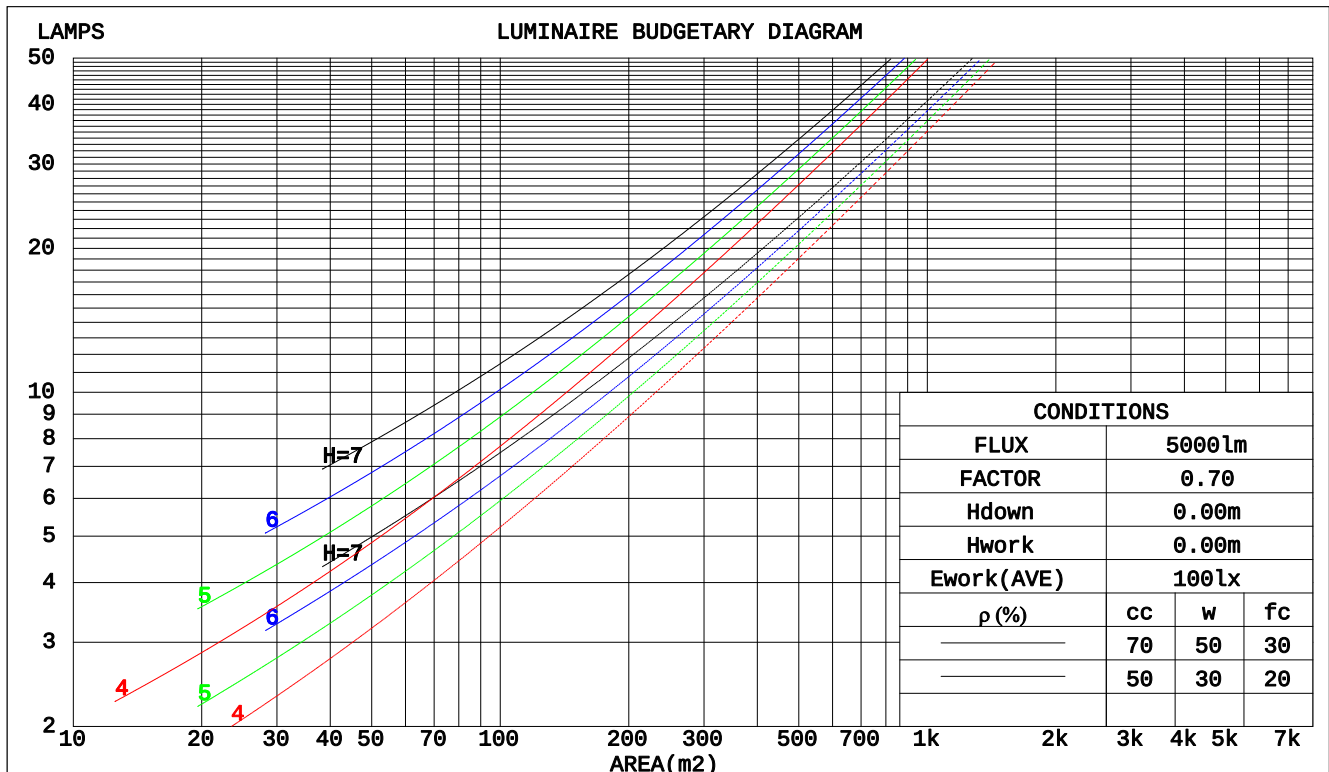
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:何俊伟
Test Date:

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:0.4250A P:50.80W PF:0.9900 Freq:60.00Hz Lamp Flux:5327.83x1 lm		
NAME: 17代 白色	TYPE:50W 4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.1055*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	1.02	1.02	1.02	.92	.92	.92	.72	.72	.72	.54	.54	.54	.38	.38	.38	.30
1.0	.89	.85	.82	.80	.77	.74	.63	.61	.59	.48	.46	.45	.33	.33	.32	.25
2.0	.78	.72	.67	.70	.65	.61	.55	.52	.49	.42	.39	.37	.29	.28	.27	.21
3.0	.68	.61	.55	.61	.55	.50	.49	.44	.41	.37	.34	.32	.26	.24	.23	.18
4.0	.60	.52	.47	.54	.48	.43	.43	.38	.35	.33	.29	.27	.23	.21	.19	.15
5.0	.53	.46	.40	.48	.41	.36	.38	.33	.30	.29	.26	.23	.21	.19	.17	.13
6.0	.48	.40	.34	.43	.36	.31	.34	.29	.26	.26	.23	.20	.19	.16	.15	.11
7.0	.43	.35	.30	.39	.32	.27	.31	.26	.23	.24	.20	.18	.17	.15	.13	.10
8.0	.39	.31	.26	.35	.29	.24	.28	.23	.20	.22	.18	.16	.16	.13	.12	.09
9.0	.35	.28	.23	.32	.26	.21	.26	.21	.18	.20	.17	.14	.14	.12	.10	.08
10.0	.32	.25	.21	.29	.23	.19	.24	.19	.16	.18	.15	.13	.13	.11	.09	.07



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:0.4250A P:50.80W PF:0.9900 Freq:60.00Hz Lamp Flux:5327.83x1 lm									
NAME: 17代 白色					TYPE:50W 4000K 5.5			WEIGHT:	
SPEC.:					DIM.:			SERIAL No.:	
MFR.: WS					SUR.:0.1055*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	.273	.155	.049	.245	.140	.044	.192	.110	.035	.144	.083	.027	.100	.058	.019	
2.0	.253	.139	.043	.227	.125	.039	.179	.100	.031	.135	.076	.024	.094	.053	.017	
3.0	.234	.124	.037	.210	.113	.034	.166	.090	.027	.125	.069	.021	.088	.049	.015	
4.0	.216	.112	.033	.195	.102	.030	.154	.082	.024	.116	.062	.019	.081	.044	.013	
5.0	.200	.102	.030	.181	.093	.027	.143	.075	.022	.108	.057	.017	.076	.040	.012	
6.0	.187	.094	.027	.168	.085	.024	.133	.068	.020	.101	.052	.015	.071	.037	.011	
7.0	.174	.086	.024	.157	.078	.022	.125	.063	.018	.094	.048	.014	.066	.034	.010	
8.0	.163	.080	.022	.147	.072	.020	.117	.058	.017	.089	.045	.013	.062	.032	.009	
9.0	.153	.074	.021	.138	.067	.019	.110	.054	.015	.084	.042	.012	.058	.030	.009	
10.0	.144	.069	.019	.130	.063	.018	.104	.051	.014	.079	.039	.011	.055	.028	.008	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.722	.722	.722	.617	.617	.617	.421	.421	.421	.242	.242	.242	.077	.077	.077	
1.0	.714	.692	.673	.611	.594	.579	.418	.409	.401	.240	.237	.233	.077	.076	.075	
2.0	.707	.672	.642	.605	.578	.555	.415	.400	.387	.239	.233	.227	.077	.075	.074	
3.0	.700	.657	.622	.600	.566	.539	.412	.393	.378	.238	.230	.223	.076	.075	.073	
4.0	.694	.645	.608	.595	.557	.528	.409	.388	.372	.237	.228	.220	.076	.074	.072	
5.0	.687	.636	.598	.590	.550	.521	.407	.385	.368	.236	.226	.218	.076	.074	.072	
6.0	.681	.629	.591	.586	.545	.515	.404	.381	.364	.234	.224	.217	.076	.073	.072	
7.0	.676	.623	.586	.581	.540	.511	.402	.379	.362	.233	.223	.216	.075	.073	.071	
8.0	.670	.618	.582	.577	.536	.508	.399	.377	.360	.232	.222	.215	.075	.073	.071	
9.0	.665	.614	.579	.573	.533	.505	.397	.375	.359	.231	.221	.214	.075	.073	.071	
10.0	.661	.610	.577	.569	.530	.504	.395	.373	.358	.230	.221	.214	.075	.072	.071	

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:0.4250A P:50.80W PF:0.9900 Freq:60.00Hz Lamp Flux:5327.83x1 lm											
NAME: 17代 白色					TYPE:50W 4000K 5.5			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.: WS					SUR.:0.1055*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	2H	22.5	23.3	23.5	24.3	25.7	22.4	23.2	23.4	24.2	25.6
	3H	23.9	24.6	25.0	25.7	27.1	23.7	24.4	24.8	25.5	26.9
	4H	24.5	25.2	25.6	26.2	27.7	24.2	24.9	25.3	26.0	27.4
	6H	24.9	25.5	26.0	26.6	28.1	24.6	25.2	25.7	26.3	27.7
	8H	25.1	25.6	26.2	26.7	28.2	24.7	25.3	25.8	26.4	27.8
	12H	25.1	25.7	26.2	26.8	28.2	24.7	25.3	25.8	26.4	27.8
4H	2H	22.9	23.5	23.9	24.6	26.0	22.8	23.4	23.8	24.5	25.9
	3H	24.5	25.0	25.6	26.1	27.6	24.3	24.8	25.4	25.9	27.4
	4H	25.2	25.7	26.3	26.8	28.3	24.9	25.4	26.0	26.5	28.0
	6H	25.7	26.1	26.8	27.3	28.8	25.4	25.8	26.5	26.9	28.5
	8H	25.9	26.3	27.0	27.4	28.9	25.5	25.9	26.7	27.1	28.6
	12H	26.0	26.4	27.1	27.5	29.0	25.6	26.0	26.7	27.1	28.6
8H	4H	25.3	25.7	26.4	26.8	28.3	25.1	25.5	26.2	26.6	28.1
	6H	26.0	26.3	27.1	27.4	29.0	25.7	26.0	26.8	27.2	28.7
	8H	26.3	26.5	27.4	27.7	29.2	25.9	26.2	27.1	27.3	28.9
	12H	26.4	26.7	27.6	27.8	29.4	26.1	26.3	27.2	27.4	29.0
12H	4H	25.2	25.6	26.4	26.7	28.3	25.0	25.4	26.2	26.5	28.1
	6H	26.0	26.3	27.1	27.4	29.0	25.7	26.0	26.9	27.1	28.7
	8H	26.3	26.5	27.5	27.7	29.3	26.0	26.2	27.1	27.4	29.0
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 5328 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.8)

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:0.4250A P:50.80W PF:0.9900 Freq:60.00Hz Lamp Flux:5327.83x1 lm		
NAME: 17代 白色	TYPE:50W 4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.1055*0.03+0.12*0.04	Shielding Angle:

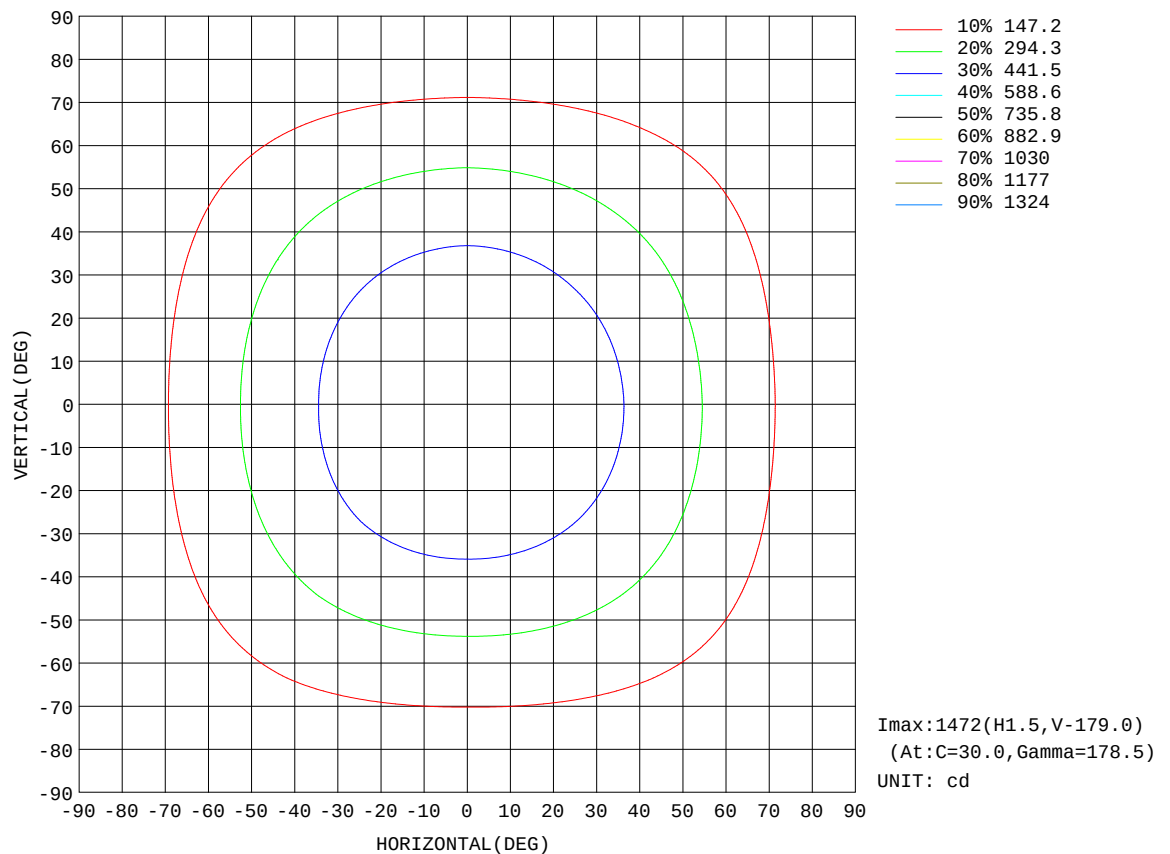
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	39	28	23	36	26	21	30	23	18	10
0.80	48	37	30	44	34	28	36	29	24	13
1.00	56	44	37	51	41	35	41	35	29	15
1.25	63	52	44	57	47	41	46	39	34	17
1.50	68	57	50	61	52	46	49	43	38	19
2.00	75	66	58	68	60	54	54	48	44	21
2.50	80	71	64	72	64	59	57	52	48	22
3.00	83	75	69	75	68	63	59	55	51	24
4.00	87	81	76	79	73	69	62	59	56	25
5.00	90	85	80	81	76	73	64	61	58	26
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:0.4250A P:50.80W PF:0.9900 Freq:60.00Hz Lamp Flux:5327.83x1 lm		
NAME: 17代 白色	TYPE:50W 4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.1055*0.03+0.12*0.04	Shielding Angle:

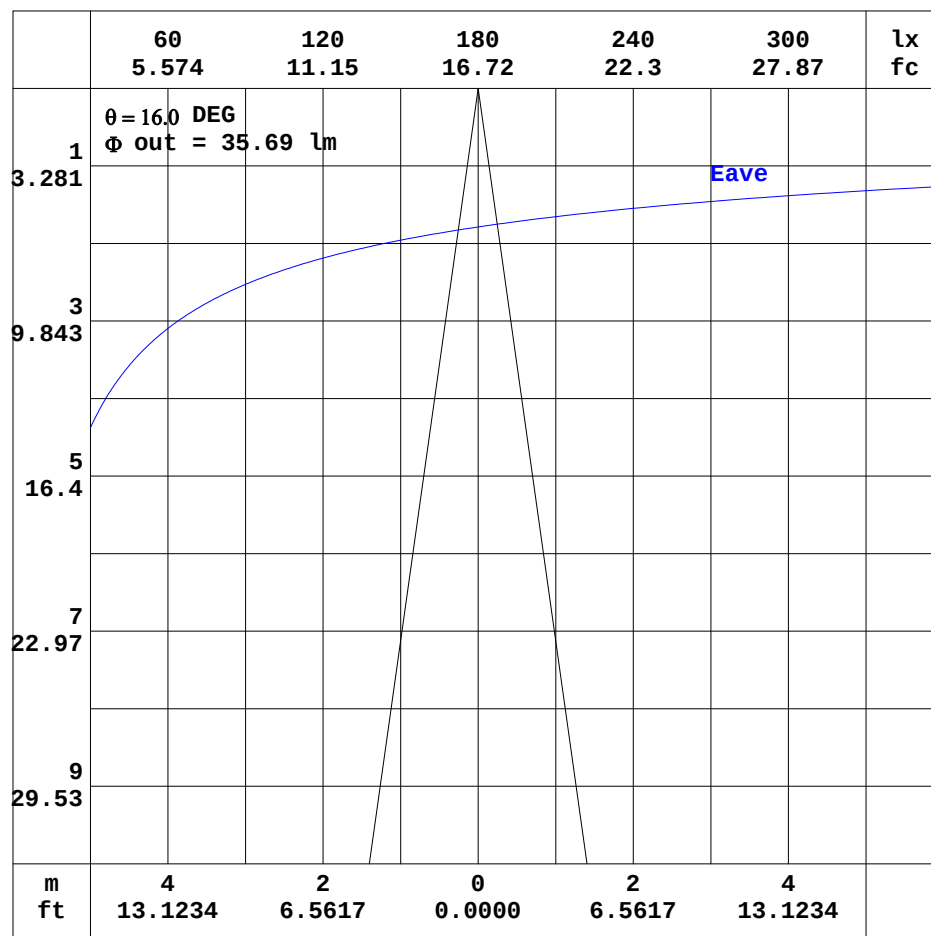


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:何俊伟
Test Date:

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:0.4250A P:50.80W PF:0.9900 Freq:60.00Hz Lamp Flux:5327.83x1 lm		
NAME: 17代 白色	TYPE:50W 4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.1055*0.03+0.12*0.04	Shielding Angle:



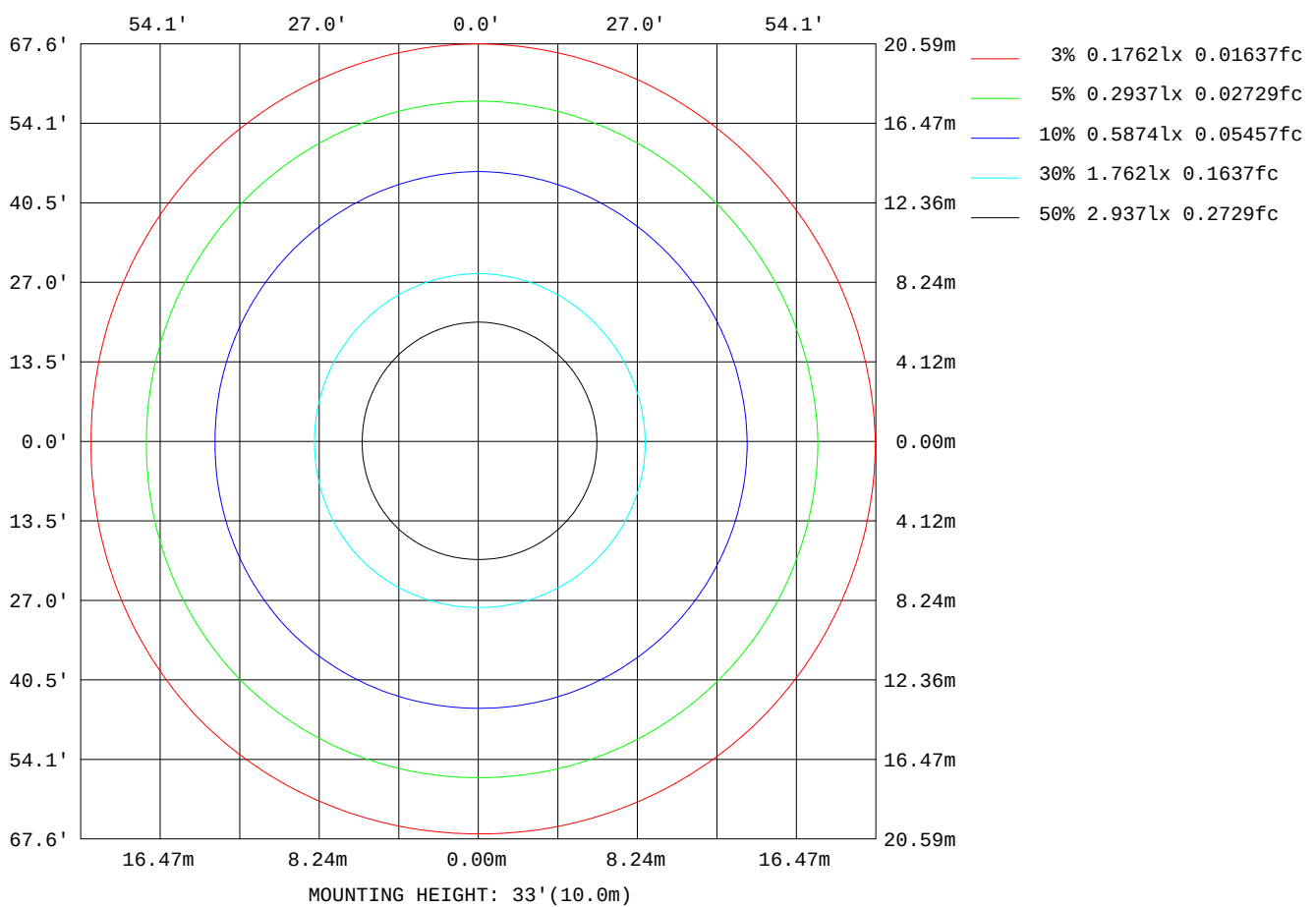
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 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:

ISOLUX DIAGRAM

Test:U:119.8V I:0.4250A P:50.80W PF:0.9900 Freq:60.00Hz Lamp Flux:5327.83x1 lm		
NAME: 17代 白色	TYPE:50W 4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.1055*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:0.4250A P:50.80W PF:0.9900 Freq:60.00Hz Lamp Flux:5327.83x1 lm		
NAME: 17代 白色	TYPE:50W 4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.1055*0.03+0.12*0.04	Shielding Angle:

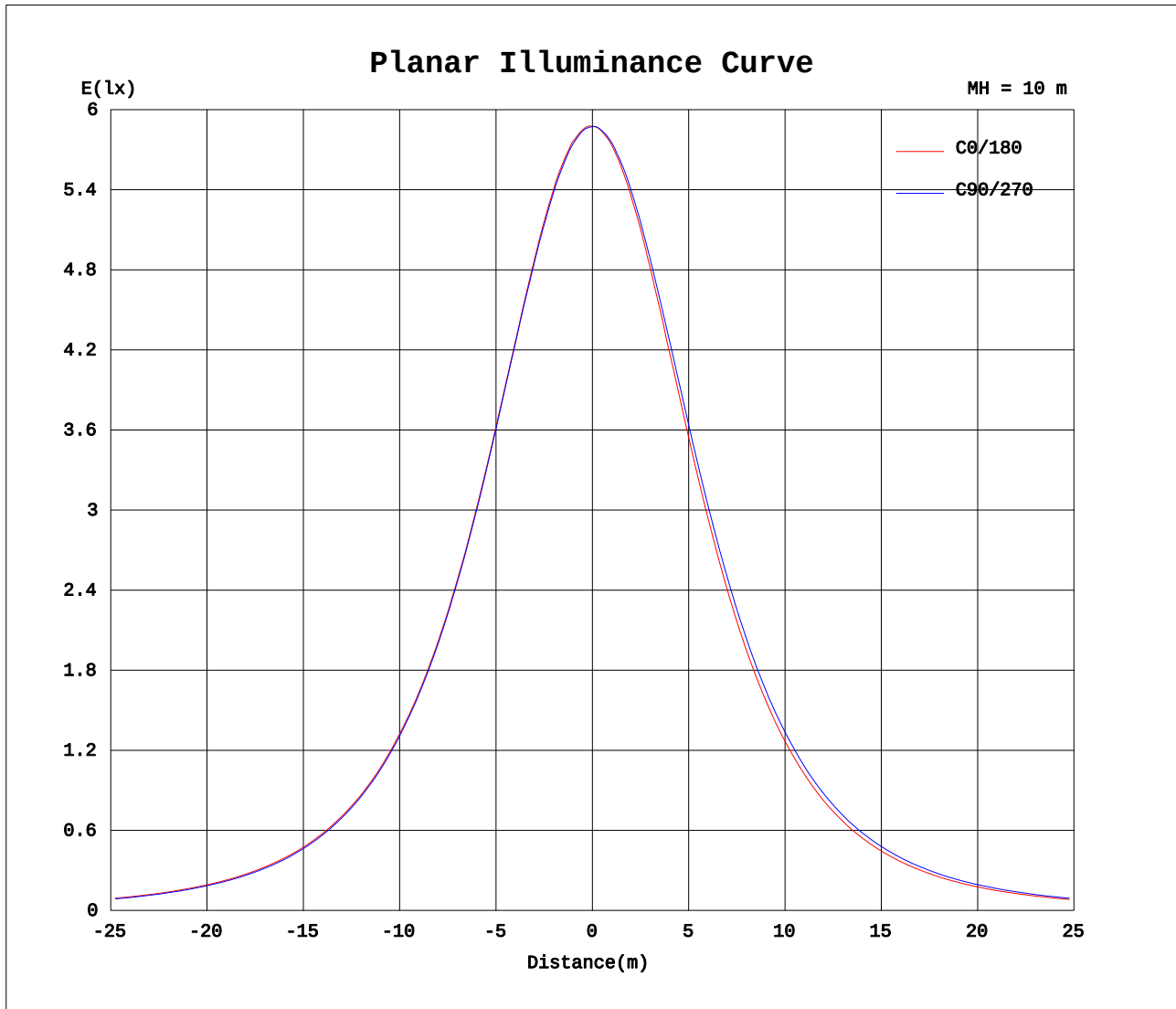
AvgL	cd/m2
L_0~180(65)av	65485
L_0~180(75)av	58722
L_0~180(85)av	37022
L_90~270(65)av	67128
L_90~270(75)av	60378
L_90~270(85)av	46010
L_45(65)av	66322
L_45(75)av	60331
L_45(85)av	47222

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:0.4250A P:50.80W PF:0.9900 Freq:60.00Hz Lamp Flux:5327.83x1 lm		
NAME: 17代 白色	TYPE:50W 4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.1055*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	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587
5	585	585	585	585	585	585	585	585	585	585	585	585	585	584	584	584	584	584	584
10	577	577	577	577	577	577	577	577	576	576	576	576	576	575	575	575	575	575	575
15	562	562	562	562	562	562	562	562	562	562	562	561	561	561	561	560	560	560	560
20	541	541	542	542	542	542	542	542	542	542	541	541	541	541	540	540	540	540	540
25	515	516	516	516	516	516	517	517	516	516	516	516	516	515	515	514	514	514	514
30	485	486	486	486	487	487	487	487	487	487	486	486	485	485	484	484	483	483	483
35	451	451	452	452	452	452	452	452	452	452	452	451	451	450	450	449	449	449	448
40	414	414	415	415	415	415	415	415	415	414	414	414	413	413	412	412	411	411	410
45	374	375	375	375	375	375	375	375	375	375	374	374	373	373	372	371	371	370	370
50	333	333	333	333	333	333	333	333	333	333	332	332	331	331	330	329	329	328	328
55	290	290	290	290	290	290	290	290	290	289	289	288	287	287	286	285	285	284	284
60	246	246	246	246	246	246	246	245	245	245	244	243	243	242	241	241	240	240	239
65	202	202	202	202	202	202	201	201	201	200	200	199	198	197	196	196	195	194	194
70	159	159	159	159	158	158	158	157	157	156	155	155	154	153	152	151	150	150	149
75	116	116	116	115	115	114	114	113	113	112	111	111	110	109	108	107	107	106	106
80	72.8	72.9	72.9	72.9	72.8	72.7	72.5	72.2	71.9	71.5	70.7	69.9	69.0	68.2	67.4	66.6	65.9	65.3	64.8
85	31.4	31.8	32.2	32.5	32.7	32.8	32.8	32.7	32.5	32.2	31.5	30.8	30.0	29.1	28.3	27.5	26.8	26.1	25.5
90	3.31	3.38	3.42	3.43	3.42	3.38	3.31	3.22	3.09	2.94	2.62	2.29	1.95	1.61	1.29	0.99	0.74	0.52	0.37
95	3.11	2.23	1.65	1.37	1.39	1.71	2.34	3.26	4.48	5.99	9.18	12.6	16.0	19.5	22.9	26.0	28.8	31.3	33.2
100	23.9	24.3	25.1	26.3	27.9	30.0	32.4	35.3	38.7	42.4	49.0	55.8	62.7	69.4	75.9	81.9	87.3	91.8	95.3
105	58.2	59.3	61.1	63.7	67.0	70.9	75.6	80.9	87.0	93.8	105	117	129	141	153	163	172	180	186
110	107	117	127	137	147	157	168	178	189	200	214	229	243	256	268	279	289	297	303
115	225	240	254	268	282	296	309	322	335	347	362	377	391	404	416	426	435	442	448
120	418	431	443	456	468	480	491	503	514	525	538	550	562	573	583	592	599	605	609
125	647	653	659	665	671	678	685	691	698	705	715	724	733	742	750	758	764	769	773
130	854	854	855	857	858	861	863	866	869	872	879	885	892	898	904	909	914	918	920
135	1002	1003	1003	1003	1004	1005	1006	1007	1009	1010	1013	1017	1020	1023	1026	1028	1031	1032	1034
140	1113	1113	1112	1112	1112	1112	1113	1113	1114	1115	1116	1118	1120	1121	1123	1125	1126	1127	1128
145	1203	1202	1202	1201	1201	1201	1202	1202	1203	1204	1206	1208	1210	1212	1214	1216	1218	1219	1220
150	1278	1277	1276	1275	1274	1274	1274	1274	1274	1275	1276	1278	1280	1282	1284	1285	1287	1288	1290
155	1339	1338	1337	1336	1335	1335	1335	1335	1335	1335	1336	1338	1339	1340	1342	1343	1344	1346	1347
160	1387	1386	1386	1385	1384	1384	1384	1384	1384	1384	1385	1386	1387	1389	1390	1391	1392	1393	1394
165	1423	1423	1423	1423	1423	1424	1424	1424	1424	1424	1425	1425	1425	1426	1426	1426	1427	1427	1427
170	1449	1450	1451	1452	1452	1453	1453	1453	1453	1453	1453	1452	1452	1451	1450	1450	1449	1448	1447
175	1466	1466	1466	1466	1466	1466	1466	1466	1466	1466	1466	1466	1466	1466	1465	1465	1465	1465	1464
180	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469

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:0.4250A P:50.80W PF:0.9900 Freq:60.00Hz Lamp Flux:5327.83x1 lm		
NAME: 17代 白色	TYPE:50W 4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.1055*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	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587
5	584	584	584	584	584	585	585	585	585	585	585	584	584	584	584	584	584	583	583
10	575	575	575	575	576	576	576	576	576	576	575	575	574	574	573	573	573	572	572
15	560	560	560	561	561	561	561	561	561	561	560	559	559	558	557	557	556	556	556
20	540	540	540	540	540	540	540	540	540	539	538	538	537	536	535	534	534	533	533
25	514	514	514	514	514	514	514	514	514	513	512	511	509	508	507	506	505	505	505
30	483	483	483	484	484	484	484	484	484	483	482	480	479	478	476	475	474	473	473
35	449	449	449	449	449	450	450	450	449	448	447	445	444	442	441	439	438	437	438
40	410	411	411	411	411	411	411	411	411	410	408	407	406	404	403	401	400	399	400
45	370	370	371	371	371	371	371	371	371	370	368	367	365	364	362	361	360	359	359
50	328	328	328	328	329	329	329	329	328	327	326	324	322	321	319	318	317	316	316
55	284	284	285	285	285	285	285	285	285	284	282	281	279	278	276	275	274	273	273
60	239	240	240	240	240	241	241	241	241	239	238	237	235	234	232	231	230	229	229
65	194	195	195	195	196	196	196	196	196	195	194	192	191	190	188	187	186	185	185
70	150	150	150	151	151	152	152	152	152	151	150	148	147	145	144	143	141	141	141
75	106	107	107	108	108	109	109	109	109	108	107	105	103	102	100	98.6	97.4	96.4	96.9
80	65.2	65.8	66.4	67.0	67.6	68.1	68.5	68.7	68.8	67.1	65.3	63.3	61.4	59.4	57.6	55.9	54.4	53.2	53.8
85	25.9	26.3	26.7	27.2	27.7	28.0	28.3	28.4	28.4	26.8	25.1	23.3	21.4	19.6	17.9	16.3	14.9	13.8	14.4
90	0.62	0.93	1.27	1.64	2.02	2.40	2.75	3.08	3.35	3.19	2.99	2.75	2.47	2.19	1.90	1.63	1.38	1.16	1.30
95	31.9	30.1	27.8	25.2	22.4	19.3	16.2	13.1	10.2	8.67	7.36	6.23	5.26	4.45	3.78	3.25	2.85	2.57	2.22
100	93.3	90.2	86.2	81.5	76.2	70.4	64.4	58.2	51.9	47.1	42.4	38.0	33.9	30.2	26.9	24.1	21.8	20.1	20.7
105	183	178	171	163	154	144	133	123	112	104	96.4	89.3	82.6	76.6	71.2	66.6	62.9	60.0	60.4
110	301	296	289	281	272	261	249	237	223	208	192	177	162	149	136	125	115	108	111
115	446	442	436	429	420	409	397	384	370	351	332	313	294	276	259	244	232	222	226
120	608	605	600	593	585	576	566	554	542	524	506	488	470	452	436	422	409	399	403
125	771	768	763	757	750	742	733	723	713	700	687	674	662	650	639	628	620	613	615
130	918	914	910	904	898	891	884	877	869	861	854	846	839	832	826	820	816	811	812
135	1032	1031	1028	1025	1022	1018	1015	1010	1006	1001	996	992	987	982	978	974	971	968	968
140	1127	1127	1125	1124	1122	1120	1118	1116	1113	1110	1107	1104	1101	1098	1095	1092	1089	1087	1087
145	1219	1218	1216	1214	1211	1209	1206	1204	1201	1199	1197	1195	1193	1191	1189	1187	1186	1184	1183
150	1289	1288	1287	1286	1285	1283	1281	1279	1277	1275	1273	1271	1268	1266	1264	1262	1260	1258	1257
155	1347	1346	1346	1345	1345	1344	1343	1341	1340	1338	1336	1333	1331	1329	1327	1325	1323	1321	1320
160	1393	1393	1392	1391	1391	1389	1388	1387	1386	1384	1383	1382	1380	1379	1378	1376	1375	1374	1373
165	1426	1426	1425	1424	1423	1422	1422	1421	1420	1419	1418	1417	1417	1416	1415	1415	1414	1414	1413
170	1447	1446	1446	1446	1445	1445	1445	1444	1444	1444	1443	1443	1443	1442	1442	1442	1442	1442	1442
175	1464	1464	1463	1463	1463	1462	1462	1462	1462	1462	1462	1462	1462	1462	1462	1462	1462	1463	1463
180	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469

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:0.4250A P:50.80W PF:0.9900 Freq:60.00Hz Lamp Flux:5327.83x1 lm		
NAME: 17代 白色	TYPE:50W 4000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.1055*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	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587
5	583	583	583	584	584	584	584	584	584	584	584	584	584	584	585	585	585	585	585
10	572	572	573	573	573	573	574	574	574	574	575	575	575	576	576	576	576	576	576
15	556	556	556	556	557	557	558	558	559	559	559	560	560	561	561	561	562	561	561
20	533	534	534	534	535	535	536	537	537	538	539	539	540	541	541	542	542	542	541
25	505	506	506	507	508	509	510	511	512	513	514	514	515	516	517	517	518	517	517
30	474	474	475	476	477	478	479	480	481	482	483	484	485	486	487	487	488	487	487
35	438	439	440	441	442	443	444	446	447	448	449	450	452	452	453	454	454	454	453
40	400	401	402	403	404	405	407	408	409	411	412	413	414	415	416	417	418	417	416
45	360	360	361	362	364	365	366	368	369	371	372	373	375	376	377	378	378	378	377
50	317	318	319	320	321	323	324	326	327	329	330	331	333	334	335	336	336	336	335
55	274	274	275	277	278	279	281	282	284	285	287	288	289	290	292	292	293	292	291
60	230	231	231	233	234	235	236	238	239	241	242	243	245	246	247	248	248	248	247
65	186	186	187	188	189	191	192	193	195	196	197	199	200	201	202	203	203	203	202
70	141	142	143	144	145	147	148	149	150	152	153	154	155	156	157	158	158	158	157
75	97.6	98.5	99.6	101	102	104	105	107	108	109	109	110	111	112	112	113	113	113	112
80	54.7	55.9	57.3	58.8	60.4	62.1	63.8	65.5	66.5	67.4	68.1	68.9	69.5	70.0	70.4	70.8	71.0	70.9	70.7
85	15.3	16.4	17.7	19.1	20.6	22.2	23.8	25.4	26.3	27.1	27.9	28.5	29.1	29.6	30.0	30.4	30.6	30.6	30.5
90	1.47	1.67	1.89	2.11	2.33	2.52	2.70	2.83	2.61	2.36	2.08	1.79	1.50	1.22	0.96	0.73	0.56	0.72	0.94
95	1.99	1.87	1.88	2.02	2.29	2.71	3.26	3.97	5.63	7.38	9.18	11.0	12.7	14.3	15.7	16.9	17.8	16.9	15.7
100	21.9	23.6	25.8	28.3	31.2	34.3	37.6	41.0	44.6	48.2	51.7	55.0	58.0	60.7	62.9	64.6	65.7	63.6	60.9
105	61.8	63.9	66.8	70.3	74.3	78.8	83.6	88.7	94.8	101	107	113	118	123	127	130	132	128	123
110	117	124	133	143	154	165	176	188	195	201	207	212	216	219	222	223	224	221	218
115	234	244	255	268	281	295	309	322	328	333	337	340	343	344	345	345	344	343	342
120	409	417	426	437	448	460	471	482	485	488	489	490	490	490	489	488	487	488	488
125	619	624	630	637	644	652	659	665	665	664	663	661	659	657	655	652	650	651	652
130	814	816	819	822	825	829	831	834	831	828	825	821	817	814	811	808	806	807	809
135	969	970	971	973	974	976	977	977	974	970	966	962	958	954	950	947	945	947	949
140	1087	1087	1088	1088	1089	1089	1090	1090	1088	1085	1082	1080	1077	1075	1073	1071	1070	1071	1073
145	1182	1181	1180	1179	1178	1177	1176	1175	1173	1171	1170	1168	1167	1166	1165	1165	1164	1165	1167
150	1256	1255	1254	1253	1252	1252	1251	1250	1249	1248	1247	1246	1245	1244	1243	1243	1243	1243	1244
155	1320	1319	1319	1319	1318	1318	1318	1317	1316	1314	1312	1310	1309	1307	1306	1305	1304	1306	1307
160	1373	1372	1372	1372	1371	1371	1370	1370	1368	1367	1365	1364	1363	1362	1361	1360	1360	1361	1362
165	1413	1413	1413	1413	1413	1414	1414	1414	1413	1413	1413	1412	1412	1412	1411	1411	1411	1410	1410
170	1443	1443	1444	1445	1445	1446	1446	1447	1446	1446	1446	1446	1445	1445	1445	1444	1444	1444	1443
175	1463	1464	1464	1464	1465	1465	1465	1466	1465	1465	1465	1465	1465	1464	1464	1464	1464	1463	1463
180	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469

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:0.4250A P:50.80W PF:0.9900 Freq:60.00Hz Lamp Flux:5327.83x1 lm																	
NAME: 17代 白色									TYPE:50W 4000K 5.5						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: WS									SUR.:0.1055*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	587	587	587	587	587	587	587	587	587	587	587	587	587	587	587				
5	585	585	585	585	584	584	584	584	585	585	585	585	585	585	585				
10	576	576	576	575	575	575	575	575	575	575	576	576	576	577	577				
15	561	561	560	560	560	559	559	559	559	560	560	560	561	561	562				
20	541	540	540	539	539	539	538	538	538	538	539	539	540	540	541				
25	516	515	515	514	513	513	512	512	512	512	512	513	513	514	515				
30	486	485	485	484	483	482	482	481	481	482	482	482	483	484	484				
35	452	452	451	450	449	448	447	447	447	447	448	448	449	449	450				
40	416	415	414	413	412	411	410	410	410	410	410	411	411	412	413				
45	376	375	374	373	372	371	370	370	370	370	370	371	371	372	373				
50	334	333	332	331	329	329	328	328	328	328	328	329	330	330	332				
55	290	289	288	287	286	285	284	284	284	284	285	285	286	287	289				
60	246	245	244	243	242	241	240	240	240	240	241	242	242	244	245				
65	201	200	199	198	197	196	195	195	195	196	196	197	198	199	201				
70	156	155	154	153	153	152	151	151	152	152	153	154	155	156	158				
75	112	111	111	110	110	109	109	109	110	110	111	112	113	114	115				
80	70.4	70.2	69.9	69.5	69.3	69.0	68.8	68.9	69.2	69.4	69.8	70.3	70.8	71.4	72.0				
85	30.4	30.2	30.0	29.8	29.6	29.4	29.3	29.3	29.4	29.6	29.8	30.0	30.3	30.6	31.0				
90	1.19	1.47	1.78	2.10	2.41	2.72	3.02	3.16	3.27	3.36	3.42	3.45	3.46	3.44	3.39				
95	14.2	12.6	10.9	9.12	7.33	5.58	3.94	3.21	2.63	2.22	1.96	1.87	1.94	2.17	2.56				
100	57.7	54.1	50.3	46.3	42.3	38.3	34.4	32.2	30.3	28.6	27.2	26.0	25.1	24.5	24.1				
105	117	111	104	97.0	89.9	82.8	76.0	72.2	68.8	65.9	63.4	61.4	59.9	58.9	58.3				
110	213	208	202	195	188	181	173	167	160	153	146	138	131	123	115				
115	340	337	333	329	324	319	312	305	298	289	280	271	260	249	237				
120	488	488	488	487	485	483	480	476	471	466	459	452	445	436	427				
125	653	655	656	657	659	660	661	660	660	659	658	656	654	652	649				
130	812	815	819	822	826	830	834	837	839	842	844	846	848	850	852				
135	952	955	959	963	968	972	977	980	983	986	989	992	995	997	1000				
140	1075	1077	1080	1083	1086	1089	1092	1095	1097	1100	1102	1104	1106	1109	1111				
145	1168	1170	1172	1175	1177	1180	1182	1184	1187	1189	1191	1193	1196	1198	1200				
150	1245	1246	1247	1249	1251	1253	1255	1257	1259	1261	1264	1266	1269	1272	1275				
155	1309	1311	1314	1316	1319	1321	1324	1326	1328	1329	1331	1333	1334	1336	1337				
160	1364	1366	1368	1370	1372	1374	1376	1377	1379	1380	1382	1383	1384	1385	1386				
165	1410	1410	1410	1410	1410	1411	1411	1412	1413	1414	1415	1416	1418	1419	1421				
170	1443	1443	1443	1443	1443	1443	1443	1443	1444	1444	1445	1446	1447	1447	1448				
175	1463	1463	1462	1462	1462	1462	1462	1462	1463	1463	1463	1464	1464	1465	1465				
180	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469	1469				

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: