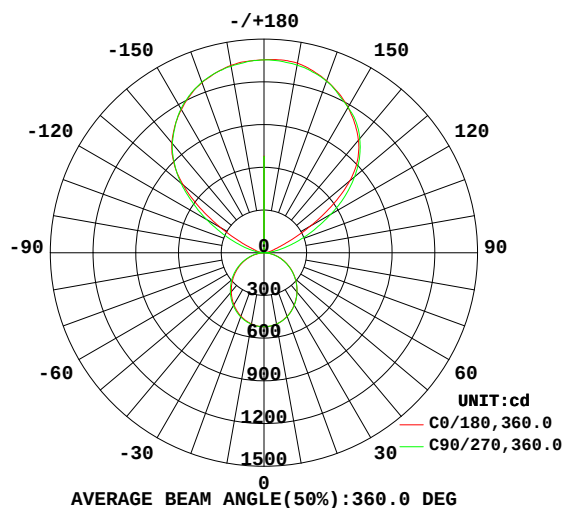


LUMINAIRE PHOTOMETRIC TEST REPORT

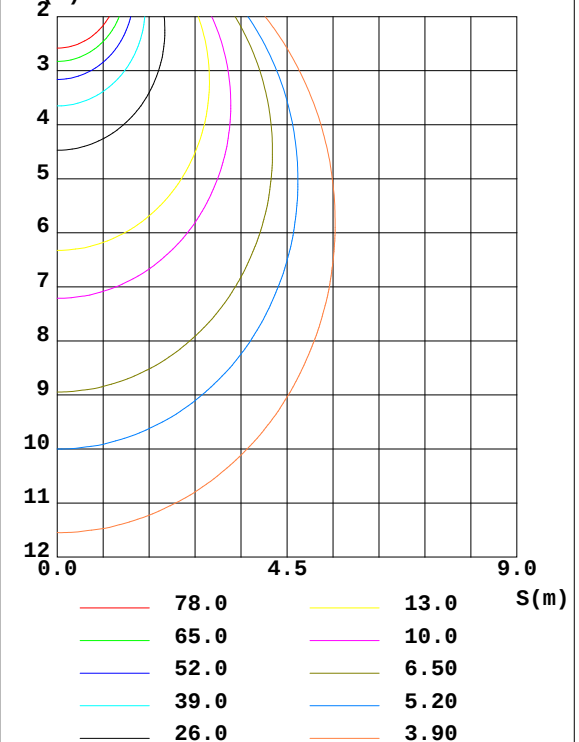
Test:U:119.8V I:0.4220A P:50.60W PF:0.9990 Freq:60.00Hz Lamp Flux:4848.01x1 lm		
NAME: 17代 白色	TYPE:50W 3000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.1055*0.03+0.12*0.04	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 95.81 lm/W			
MODEL	上下发光	I _{max} (cd)	1359	S/MH(C0/180)	1.22
NOMINAL POWER(W)	50	LOR(%)	100.0	S/MH(C90/270)	1.24
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	4848.0	η UP, DN(C0-180)	36.0,14.6
NOMINAL FLUX(lm)	4848.01	CIE CLASS	SEMI-IND.	η UP, DN(C180-360)	34.7,14.7
LAMPS INSIDE	1	η up(%)	70.7	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.0	η down(%)	29.3	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:

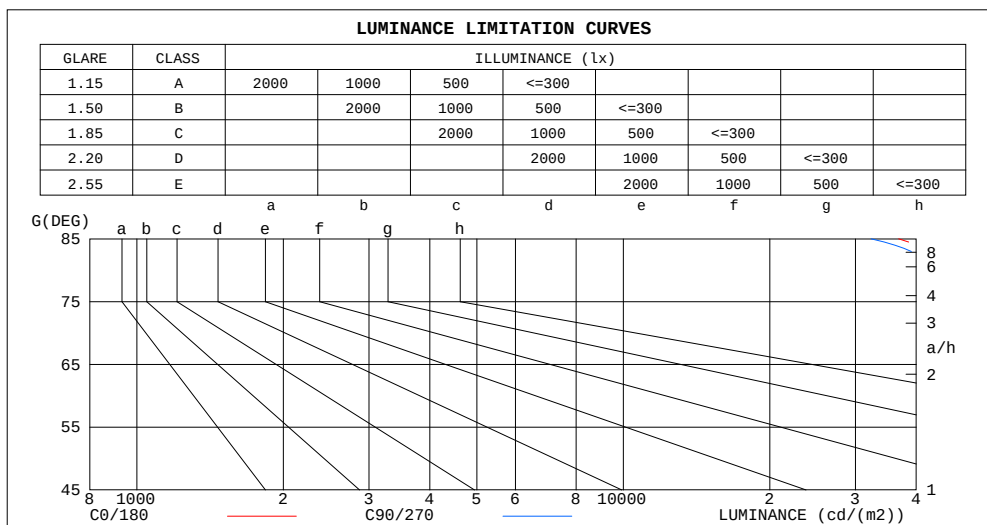
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	508.5	508.8	508.5	510.3	508.1	509.4	510.2	507.4	0- 10	49.10	49.10	1.01,1.01
20	475.3	476.8	476.8	479.5	474.8	477.4	479.5	474.2	10- 20	139.7	188.8	3.89,3.89
30	424.1	426.1	425.8	430.7	422.8	428.3	430.4	422.4	20- 30	208.9	397.7	8.2,8.2
40	360.5	361.8	361.3	366.1	358.1	364.1	367.6	357.6	30- 40	247.4	645.0	13.3,13.3
50	288.5	288.3	287.6	293.6	285.5	291.5	295.7	284.4	40- 50	251.8	896.9	18.5,18.5
60	211.8	210.4	208.7	215.6	208.6	214.0	217.9	206.8	50- 60	224.2	1121	23.1,23.1
70	134.7	130.6	129.2	136.7	129.6	135.8	137.0	129.9	60- 70	170.5	1292	26.6,26.6
80	58.88	58.48	54.59	64.24	52.84	63.22	61.38	58.16	70- 80	100.7	1392	28.7,28.7
90	1.859	2.387	0.3423	3.275	1.040	2.821	0.5118	2.606	80- 90	27.63	1420	29.3,29.3
100	23.15	37.52	84.80	47.77	19.06	38.57	62.81	33.64	90-100	15.56	1435	29.6,29.6
110	94.99	181.7	270.6	193.2	90.93	170.7	212.8	163.2	100-110	102.9	1538	31.7,31.7
120	378.6	475.9	542.9	485.7	345.4	453.6	462.5	452.7	110-120	296.8	1835	37.9,37.9
130	787.0	801.1	830.9	803.4	741.9	771.1	761.6	778.3	120-130	555.4	2390	49.3,49.3
140	1032	1020	1047	1021	1007	1004	1002	1011	130-140	702.2	3093	63.8,63.8
150	1181	1182	1180	1169	1161	1168	1167	1172	140-150	688.1	3781	78,78
160	1285	1284	1283	1281	1273	1274	1275	1283	150-160	567.7	4348	89.7,89.7
170	1352	1346	1338	1337	1336	1325	1330	1338	160-170	371.0	4719	97.3,97.3
180	1354	1354	1354	1354	1354	1354	1354	1354	170-180	128.5	4848	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:0.4220A P:50.60W PF:0.9990 Freq:60.00Hz Lamp Flux:4848.01x1 lm		
NAME: 17代 白色	TYPE:50W 3000K 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	36819	32309
80	48440	44908
75	53430	49967
70	56276	53952
65	58515	57052
60	60514	59634
55	62338	61887
50	64112	63921
45	65748	65699

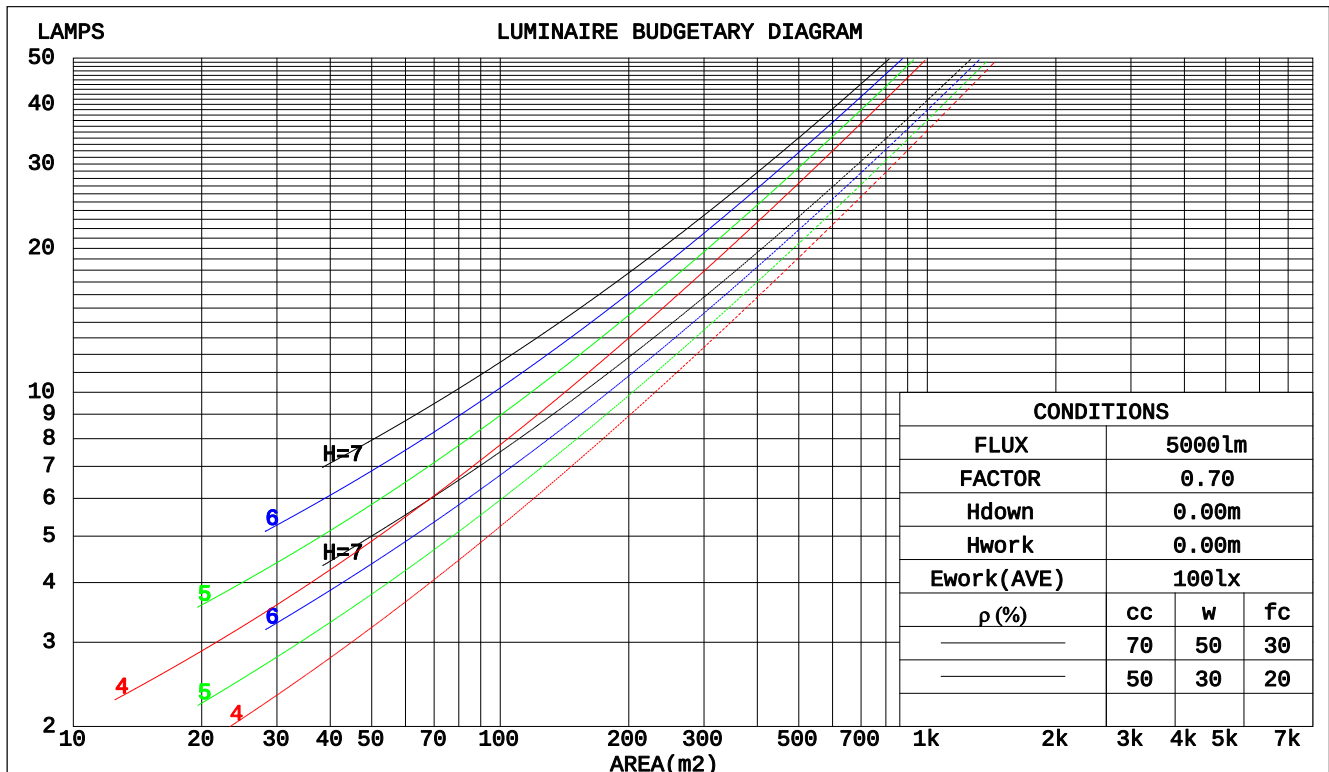
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:何俊伟
Test Date:

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:0.4220A P:50.60W PF:0.9990 Freq:60.00Hz Lamp Flux:4848.01x1 lm		
NAME: 17代 白色	TYPE:50W 3000K 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	.37	.37	.37	.29
1.0	.89	.85	.82	.80	.77	.74	.63	.61	.59	.47	.46	.44	.33	.32	.31	.25
2.0	.77	.72	.67	.70	.65	.60	.55	.51	.48	.41	.39	.37	.29	.27	.26	.20
3.0	.68	.61	.55	.61	.55	.50	.48	.44	.40	.36	.34	.31	.25	.24	.22	.17
4.0	.60	.52	.46	.54	.47	.42	.43	.38	.34	.32	.29	.27	.23	.21	.19	.15
5.0	.53	.45	.40	.48	.41	.36	.38	.33	.29	.29	.26	.23	.20	.18	.16	.13
6.0	.48	.40	.34	.43	.36	.31	.34	.29	.26	.26	.23	.20	.18	.16	.14	.11
7.0	.43	.35	.30	.39	.32	.27	.31	.26	.22	.24	.20	.18	.17	.14	.13	.10
8.0	.39	.31	.26	.35	.29	.24	.28	.23	.20	.21	.18	.16	.15	.13	.11	.09
9.0	.35	.28	.23	.32	.26	.21	.26	.21	.18	.20	.16	.14	.14	.12	.10	.08
10.0	.32	.25	.21	.29	.23	.19	.24	.19	.16	.18	.15	.12	.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:0.4220A P:50.60W PF:0.9990 Freq:60.00Hz Lamp Flux:4848.01x1 lm					
NAME: 17代 白色			TYPE:50W 3000K 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	.272	.155	.049	.244	.139	.044	.191	.110	.035	.142	.082	.026	.097	.056	.018	
2.0	.252	.138	.042	.226	.125	.038	.178	.099	.031	.133	.075	.023	.092	.052	.016	
3.0	.233	.124	.037	.209	.112	.034	.165	.089	.027	.124	.068	.021	.086	.047	.015	
4.0	.216	.112	.033	.194	.101	.030	.153	.081	.024	.115	.062	.019	.079	.043	.013	
5.0	.200	.102	.030	.180	.092	.027	.142	.074	.022	.107	.056	.017	.074	.039	.012	
6.0	.186	.093	.027	.168	.085	.024	.132	.068	.020	.100	.052	.015	.069	.036	.011	
7.0	.174	.086	.024	.157	.078	.022	.124	.063	.018	.093	.048	.014	.065	.034	.010	
8.0	.163	.079	.022	.147	.072	.020	.116	.058	.017	.088	.044	.013	.061	.031	.009	
9.0	.153	.074	.021	.138	.067	.019	.109	.054	.015	.082	.041	.012	.057	.029	.008	
10.0	.144	.069	.019	.130	.063	.017	.103	.051	.014	.078	.039	.011	.054	.027	.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	.729	.729	.729	.623	.623	.623	.425	.425	.425	.244	.244	.244	.078	.078	.078		
1.0	.721	.700	.681	.617	.601	.586	.422	.413	.405	.243	.239	.236	.078	.077	.076		
2.0	.714	.679	.650	.611	.584	.562	.419	.404	.392	.242	.235	.230	.078	.076	.075		
3.0	.707	.664	.629	.606	.573	.546	.416	.398	.383	.240	.232	.226	.077	.075	.074		
4.0	.701	.652	.616	.601	.564	.535	.414	.393	.377	.239	.230	.223	.077	.075	.073		
5.0	.695	.644	.606	.597	.557	.527	.411	.389	.372	.238	.228	.221	.077	.075	.073		
6.0	.689	.636	.599	.592	.551	.522	.408	.386	.369	.237	.227	.219	.076	.074	.072		
7.0	.683	.631	.594	.588	.547	.517	.406	.383	.367	.236	.226	.218	.076	.074	.072		
8.0	.678	.626	.590	.583	.543	.514	.404	.381	.365	.235	.225	.217	.076	.074	.072		
9.0	.673	.621	.587	.579	.539	.512	.402	.379	.363	.234	.224	.217	.076	.073	.072		
10.0	.668	.618	.585	.576	.537	.510	.399	.378	.362	.233	.223	.216	.076	.073	.072		

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:0.4220A P:50.60W PF:0.9990 Freq:60.00Hz Lamp Flux:4848.01x1 lm											
NAME: 17代 白色					TYPE:50W 3000K 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	21.7	22.5	22.8	23.6	25.0	21.7	22.5	22.7	23.5	24.9	
	3H	23.1	23.8	24.2	24.9	26.3	23.0	23.7	24.1	24.8	26.2
	4H	23.7	24.3	24.8	25.4	26.9	23.5	24.2	24.6	25.3	26.7
	6H	24.1	24.7	25.2	25.8	27.2	23.9	24.5	25.0	25.6	27.0
	8H	24.2	24.8	25.3	25.8	27.3	24.0	24.5	25.1	25.6	27.1
	12H	24.2	24.8	25.3	25.9	27.3	24.0	24.5	25.1	25.6	27.1
4H	2H	22.1	22.8	23.2	23.8	25.3	22.1	22.7	23.2	23.8	25.3
	3H	23.7	24.2	24.8	25.3	26.8	23.6	24.1	24.7	25.2	26.7
	4H	24.3	24.8	25.4	25.9	27.4	24.2	24.7	25.3	25.8	27.3
	6H	24.8	25.3	26.0	26.4	27.9	24.6	25.0	25.8	26.2	27.7
	8H	25.0	25.4	26.1	26.5	28.0	24.7	25.1	25.9	26.3	27.8
	12H	25.0	25.4	26.2	26.5	28.1	24.8	25.1	25.9	26.3	27.8
8H	4H	24.4	24.8	25.6	25.9	27.5	24.3	24.7	25.4	25.8	27.4
	6H	25.1	25.4	26.2	26.5	28.1	24.9	25.2	26.0	26.3	27.9
	8H	25.3	25.6	26.5	26.7	28.3	25.1	25.4	26.2	26.5	28.1
	12H	25.4	25.7	26.6	26.8	28.4	25.2	25.4	26.3	26.6	28.2
12H	4H	24.4	24.7	25.5	25.9	27.4	24.3	24.6	25.4	25.7	27.3
	6H	25.1	25.4	26.2	26.5	28.1	24.9	25.2	26.0	26.3	27.9
	8H	25.3	25.6	26.5	26.7	28.3	25.1	25.4	26.3	26.5	28.1
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.2					

CIE Pub.117 Corrected 4848 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.5)

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:0.4220A P:50.60W PF:0.9990 Freq:60.00Hz Lamp Flux:4848.01x1 lm		
NAME: 17代 白色	TYPE:50W 3000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.1055*0.03+0.12*0.04	Shielding Angle:

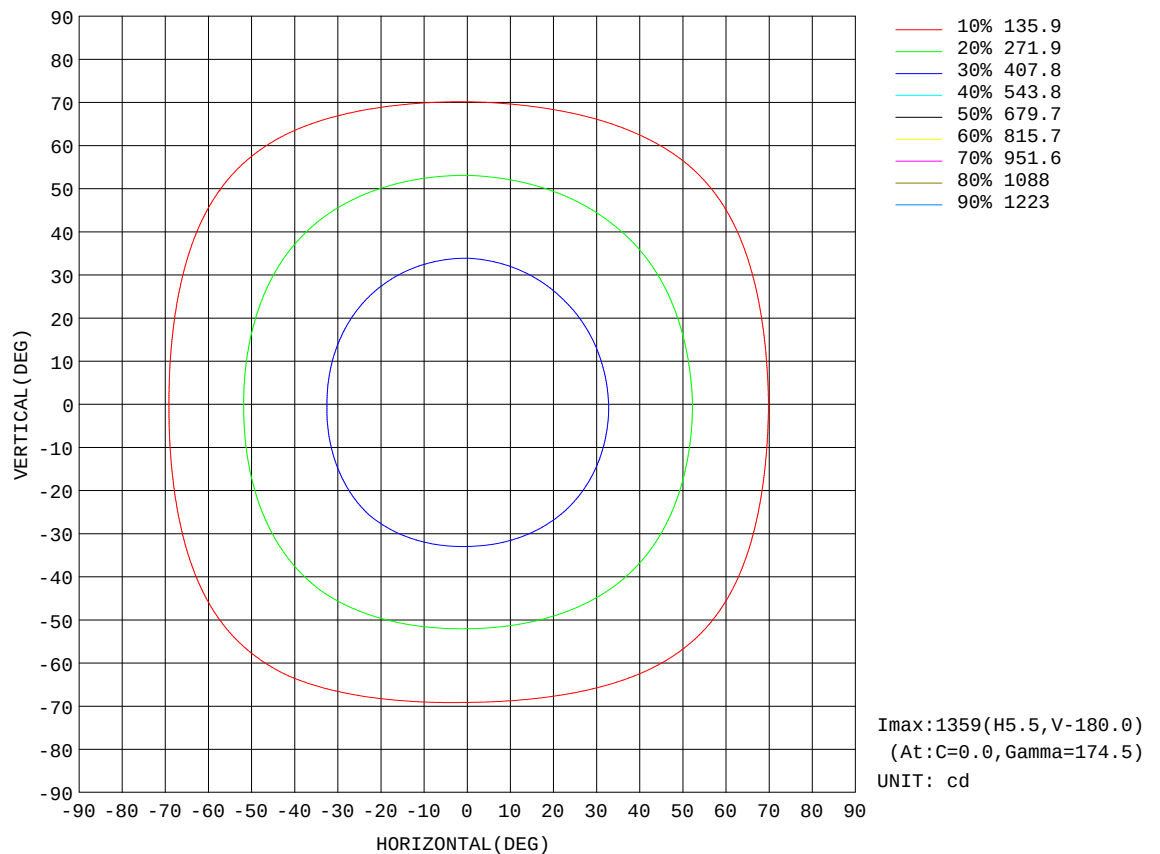
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	39	28	22	35	26	21	29	22	18	10
0.80	48	37	30	44	34	28	36	28	24	12
1.00	55	44	37	50	40	34	41	34	29	15
1.25	62	51	44	56	47	41	45	39	34	17
1.50	68	57	50	61	52	46	49	42	38	18
2.00	75	65	58	67	59	53	53	48	44	21
2.50	79	71	64	71	64	58	56	52	48	22
3.00	83	75	69	74	68	63	59	54	51	23
4.00	87	81	75	78	73	68	62	58	55	24
5.00	90	84	80	81	76	72	64	61	58	25
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:0.4220A P:50.60W PF:0.9990 Freq:60.00Hz Lamp Flux:4848.01x1 lm		
NAME: 17代 白色	TYPE:50W 3000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.1055*0.03+0.12*0.04	Shielding Angle:

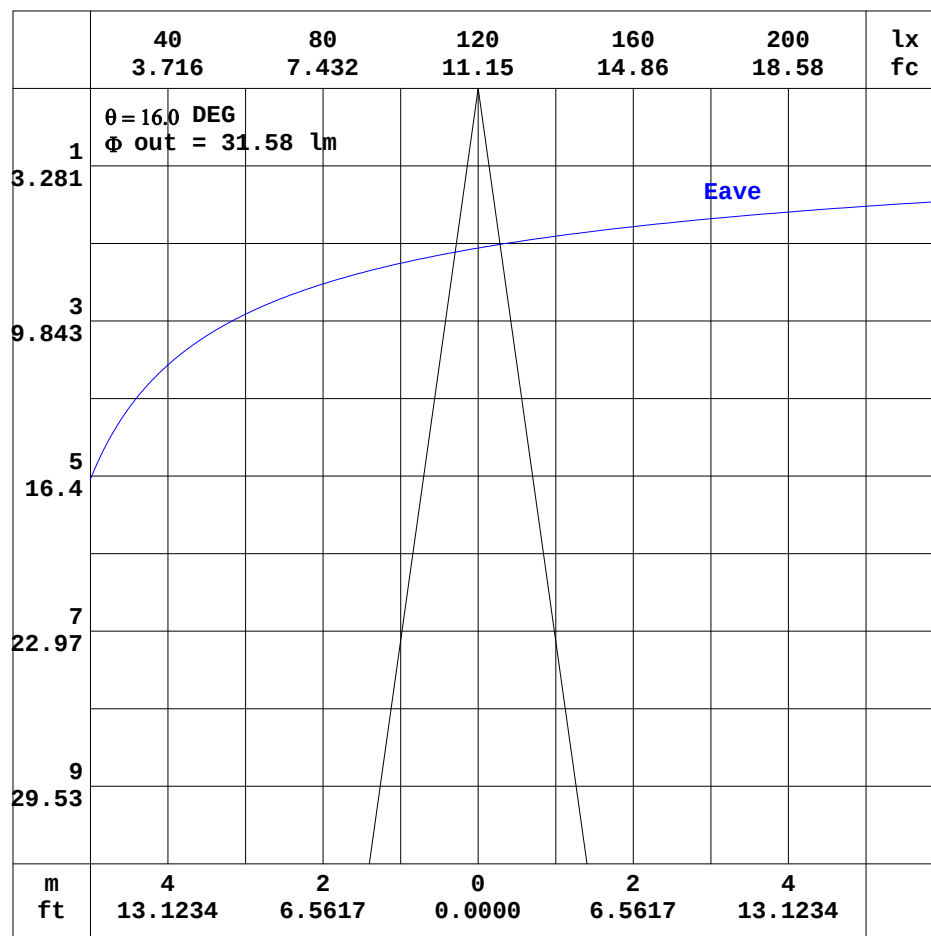


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:何俊伟
Test Date:

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:0.4220A P:50.60W PF:0.9990 Freq:60.00Hz Lamp Flux:4848.01x1 lm		
NAME: 17代 白色	TYPE:50W 3000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.1055*0.03+0.12*0.04	Shielding Angle:



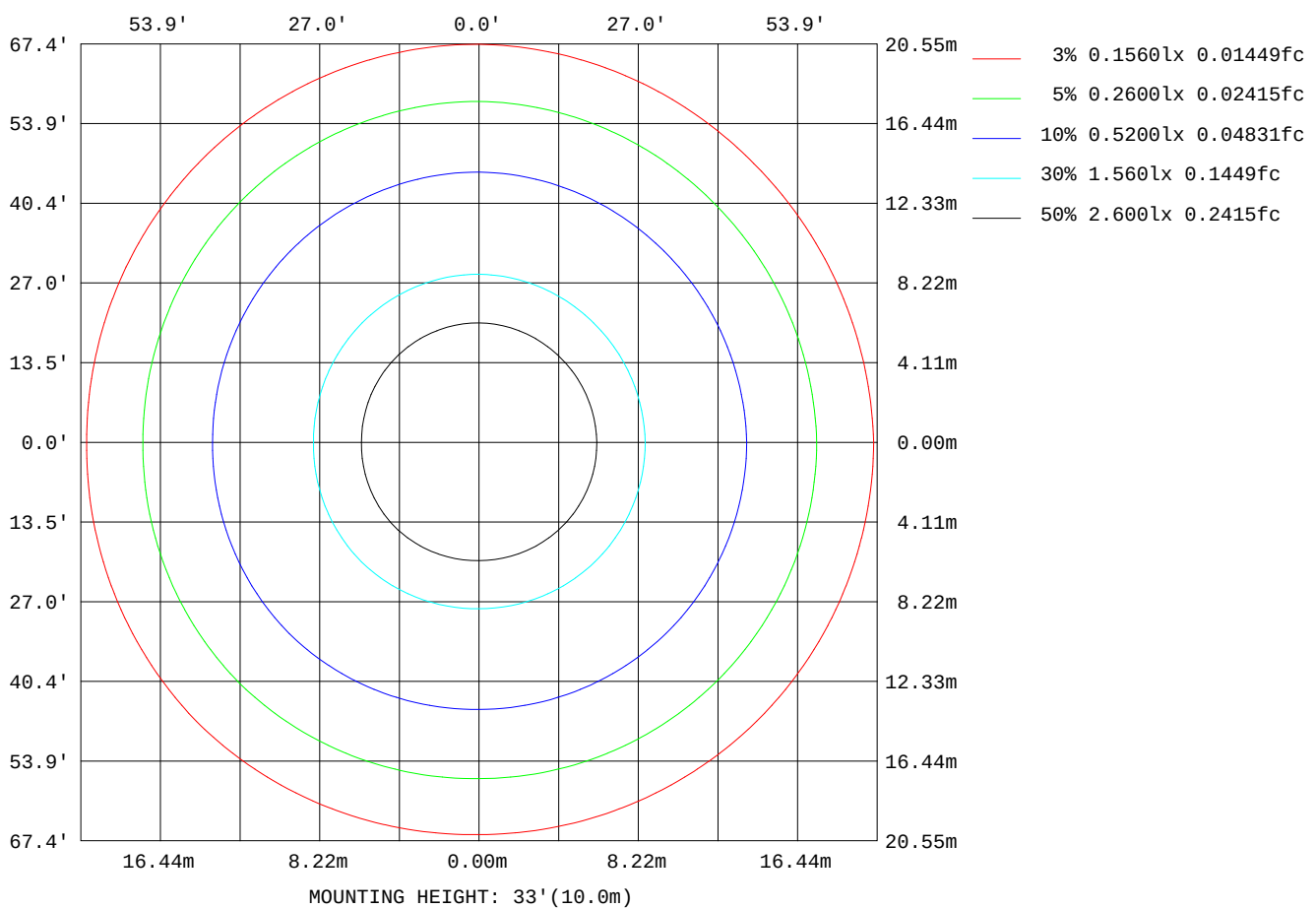
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.4220A P:50.60W PF:0.9990 Freq:60.00Hz Lamp Flux:4848.01x1 lm		
NAME: 17代 白色	TYPE:50W 3000K 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:0.4220A P:50.60W PF:0.9990 Freq:60.00Hz Lamp Flux:4848.01x1 lm		
NAME: 17代 白色	TYPE:50W 3000K 5.5	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.1055*0.03+0.12*0.04	Shielding Angle:

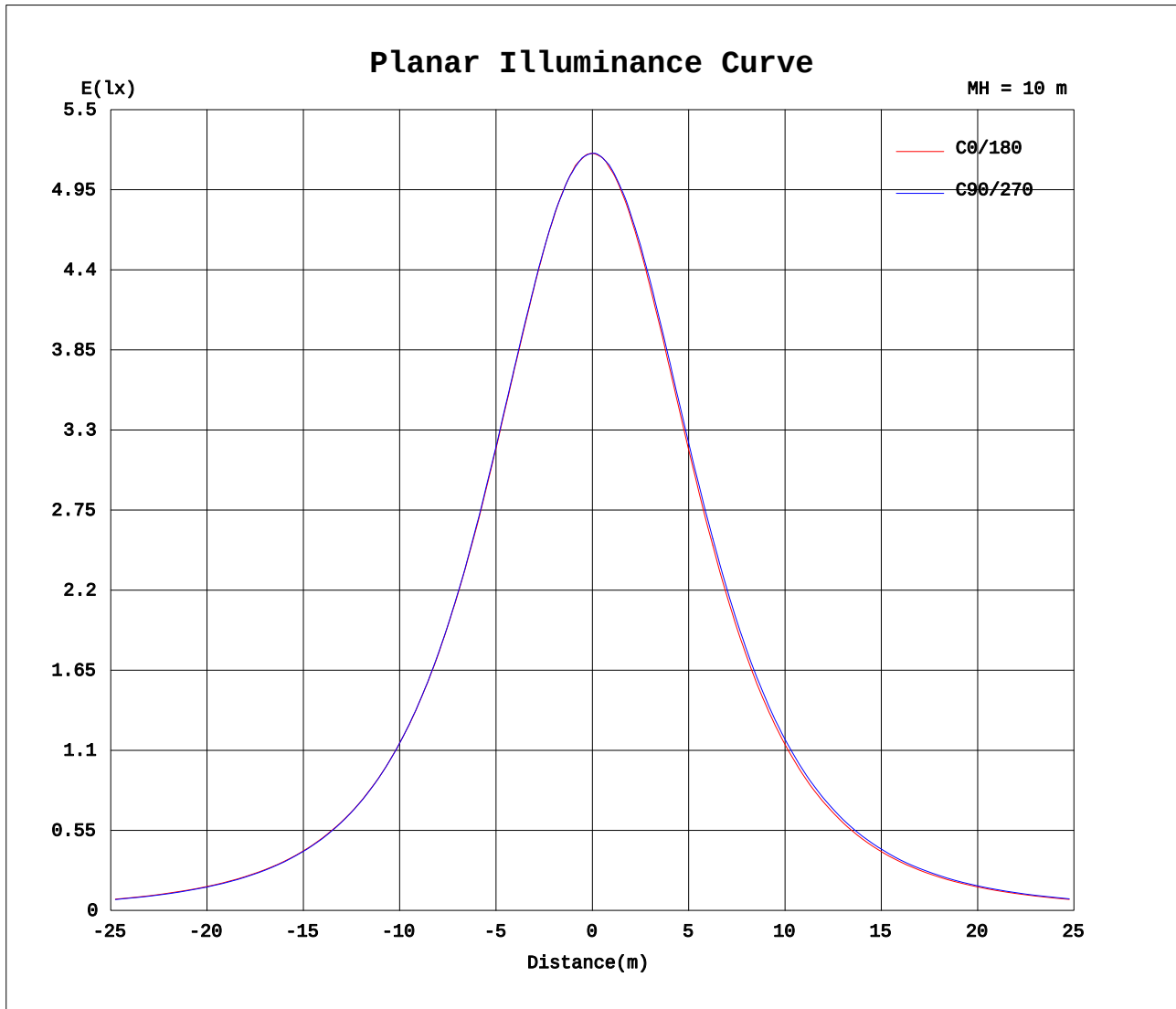
AvgL	cd/m2
L_0~180(65)av	57921
L_0~180(75)av	51897
L_0~180(85)av	32342
L_90~270(65)av	58610
L_90~270(75)av	52110
L_90~270(85)av	37145
L_45(65)av	58316
L_45(75)av	53238
L_45(85)av	42356

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:0.4220A P:50.60W PF:0.9990 Freq:60.00Hz Lamp Flux:4848.01x1 lm		
NAME: 17代 白色	TYPE:50W 3000K 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	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520
5	518	518	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517
10	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509
15	494	495	495	495	495	495	495	495	496	496	496	496	495	495	495	495	495	495	495
20	475	476	476	476	476	476	476	477	477	477	477	477	477	477	477	477	477	477	477
25	452	452	453	453	453	453	453	454	454	454	454	454	454	454	454	454	454	454	454
30	424	424	425	425	425	425	426	426	426	426	426	426	426	426	426	426	426	426	426
35	394	394	394	394	395	395	395	395	395	395	395	395	395	395	395	395	395	395	395
40	361	361	361	361	361	361	362	362	362	362	362	362	361	361	361	361	361	361	361
45	325	326	326	326	326	326	326	326	326	326	326	325	325	325	325	325	325	325	325
50	288	288	288	288	288	288	288	288	288	288	288	288	288	288	288	287	287	287	288
55	250	250	250	250	250	250	250	250	250	250	250	249	249	249	249	248	248	248	248
60	212	212	212	211	211	211	211	211	211	210	210	210	209	209	209	209	209	209	209
65	173	173	173	172	172	172	172	171	171	171	171	170	170	169	169	169	169	169	169
70	135	134	134	133	133	132	132	131	131	131	130	130	130	129	129	129	129	129	129
75	96.8	96.5	96.1	95.7	95.4	95.0	94.7	94.4	94.0	93.7	93.1	92.5	92.0	91.5	91.1	90.8	90.6	90.5	90.5
80	58.9	59.0	59.1	59.1	59.1	59.1	59.0	58.9	58.7	58.5	57.9	57.3	56.7	56.2	55.7	55.2	54.9	54.7	54.6
85	22.5	23.0	23.4	23.7	24.0	24.1	24.3	24.3	24.3	24.1	23.6	23.0	22.4	21.8	21.2	20.7	20.2	19.9	19.7
90	1.86	2.04	2.20	2.32	2.41	2.47	2.50	2.49	2.46	2.39	2.15	1.89	1.62	1.35	1.09	0.84	0.63	0.46	0.34
95	2.85	2.10	1.62	1.40	1.45	1.76	2.34	3.19	4.30	5.68	8.54	11.6	14.7	17.8	20.8	23.7	26.2	28.4	30.1
100	23.2	23.1	23.5	24.3	25.5	27.1	29.1	31.5	34.3	37.5	43.3	49.3	55.4	61.4	67.2	72.6	77.5	81.6	84.8
105	55.8	56.4	57.6	59.5	62.1	65.2	69.1	73.5	78.6	84.4	94.5	105	115	126	136	145	153	160	165
110	95.0	104	114	124	133	143	153	162	172	182	195	207	219	231	242	251	259	266	271
115	200	214	228	241	254	267	279	291	302	313	326	339	351	362	372	380	388	393	397
120	379	391	403	414	426	436	447	457	467	476	487	497	506	515	523	530	535	540	543
125	592	598	605	611	618	624	630	636	642	648	655	662	669	675	681	686	690	693	695
130	787	788	789	790	791	793	795	797	799	801	805	809	813	817	820	824	827	829	831
135	932	930	928	927	926	925	925	925	925	926	929	931	934	937	940	943	946	948	950
140	1032	1028	1026	1023	1022	1020	1020	1019	1019	1020	1023	1026	1029	1032	1036	1039	1042	1045	1047
145	1111	1109	1107	1105	1104	1104	1103	1103	1104	1104	1107	1109	1112	1115	1118	1120	1122	1124	1126
150	1181	1181	1181	1181	1182	1182	1182	1182	1182	1182	1182	1182	1182	1182	1181	1181	1181	1180	1180
155	1239	1239	1239	1240	1240	1240	1239	1239	1239	1239	1238	1237	1236	1236	1235	1234	1233	1232	1232
160	1285	1285	1285	1285	1285	1285	1285	1284	1284	1284	1284	1284	1284	1284	1283	1283	1283	1283	1283
165	1324	1324	1323	1323	1322	1322	1321	1321	1320	1320	1319	1319	1318	1318	1317	1317	1316	1316	1315
170	1352	1352	1351	1350	1349	1349	1348	1347	1346	1346	1345	1344	1343	1342	1341	1340	1340	1339	1338
175	1359	1359	1358	1358	1357	1357	1356	1356	1355	1355	1354	1354	1353	1353	1352	1352	1351	1351	1351
180	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354

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:0.4220A P:50.60W PF:0.9990 Freq:60.00Hz Lamp Flux:4848.01x1 lm		
NAME: 17代 白色	TYPE:50W 3000K 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	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520
5	517	517	517	518	518	518	518	518	518	518	518	518	518	517	517	517	517	516	516
10	509	509	509	509	510	510	510	510	510	510	510	510	509	509	509	509	508	508	508
15	496	496	496	497	497	497	497	498	498	497	497	496	496	495	495	495	494	494	494
20	477	478	478	478	479	479	479	479	479	479	479	478	477	477	476	476	475	475	475
25	454	455	455	456	456	456	457	457	457	457	456	455	454	453	452	452	451	450	451
30	426	427	428	428	429	430	430	430	431	430	429	428	427	426	425	424	424	423	423
35	396	396	397	398	398	399	399	399	400	399	398	397	396	395	394	393	393	392	392
40	362	363	363	364	364	365	365	366	366	365	364	364	363	362	361	360	359	358	358
45	326	327	327	328	329	330	330	331	331	330	329	328	327	326	325	324	323	323	323
50	288	289	290	291	291	292	293	293	294	293	292	291	290	289	288	287	286	286	286
55	249	250	251	252	253	253	254	255	255	255	254	253	252	251	250	249	248	248	248
60	209	210	211	212	213	214	215	215	216	215	214	214	213	212	211	210	209	209	209
65	170	171	171	172	173	174	175	176	177	176	175	175	174	173	172	171	170	170	170
70	130	131	132	133	134	135	135	136	137	136	135	135	134	133	132	131	130	130	130
75	91.5	92.6	93.8	95.0	96.2	97.4	98.4	99.3	100	99.3	98.4	97.4	96.3	95.2	94.1	93.0	92.0	91.2	91.7
80	55.6	56.8	58.0	59.3	60.5	61.6	62.7	63.6	64.2	63.2	62.0	60.6	59.2	57.7	56.3	55.0	53.8	52.8	53.5
85	20.6	21.7	22.8	23.9	25.1	26.1	27.1	27.8	28.4	27.4	26.1	24.8	23.3	21.8	20.4	19.1	17.9	17.0	17.7
90	0.61	0.92	1.27	1.63	2.01	2.37	2.71	3.02	3.27	3.11	2.90	2.65	2.37	2.08	1.79	1.51	1.26	1.04	1.19
95	29.0	27.5	25.5	23.2	20.7	18.0	15.3	12.6	9.88	8.49	7.24	6.14	5.19	4.37	3.68	3.11	2.67	2.34	2.00
100	83.2	80.6	77.2	73.2	68.7	63.8	58.5	53.2	47.8	43.4	39.3	35.3	31.6	28.2	25.2	22.7	20.6	19.1	19.6
105	162	157	151	143	135	126	117	107	97.6	90.9	84.6	78.7	73.3	68.4	64.2	60.6	57.7	55.5	55.7
110	268	263	256	248	239	229	217	206	193	179	165	152	138	126	115	105	97.1	90.9	94.8
115	396	392	387	380	372	362	352	340	327	309	290	271	253	236	220	206	194	185	191
120	542	539	536	530	524	516	507	497	486	468	450	432	414	397	381	367	355	345	351
125	694	692	689	685	680	674	668	660	651	638	625	611	598	585	573	562	553	546	550
130	830	829	827	824	821	818	813	809	803	796	788	781	773	765	758	752	747	742	743
135	949	948	946	944	941	938	935	932	928	924	920	916	913	909	905	902	899	896	896
140	1045	1043	1041	1038	1035	1031	1028	1024	1021	1019	1017	1015	1013	1012	1010	1009	1008	1007	1007
145	1123	1121	1118	1114	1111	1107	1103	1100	1096	1095	1093	1092	1092	1091	1091	1091	1091	1091	1091
150	1179	1178	1177	1175	1174	1173	1172	1170	1169	1168	1167	1165	1164	1163	1163	1162	1161	1161	1161
155	1232	1232	1232	1233	1233	1233	1233	1233	1233	1232	1231	1230	1228	1227	1226	1224	1223	1223	1223
160	1283	1282	1282	1282	1282	1282	1281	1281	1281	1280	1279	1278	1277	1276	1275	1274	1273	1273	1272
165	1315	1315	1315	1315	1315	1315	1315	1314	1314	1314	1313	1312	1312	1311	1310	1309	1309	1308	1307
170	1338	1338	1337	1337	1337	1337	1337	1337	1337	1337	1337	1337	1337	1337	1337	1337	1337	1336	1335
175	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1350	1349
180	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354

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:0.4220A P:50.60W PF:0.9990 Freq:60.00Hz Lamp Flux:4848.01x1 lm		
NAME: 17代 白色	TYPE:50W 3000K 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	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520
5	516	516	517	517	517	517	517	517	517	517	517	518	518	518	518	518	518	518	518
10	508	508	508	509	509	509	509	509	510	510	510	510	510	510	510	510	510	510	510
15	494	494	494	495	495	495	496	496	496	496	497	497	497	497	497	497	497	497	496
20	475	475	476	476	476	477	477	477	478	478	478	479	479	479	479	480	480	479	479
25	451	451	452	452	453	453	454	455	455	456	456	456	456	457	457	457	457	456	456
30	424	424	425	425	426	427	428	428	429	429	430	430	430	431	431	431	430	430	429
35	393	393	394	394	395	396	397	398	398	399	399	400	400	400	401	401	401	400	399
40	359	359	360	361	362	362	363	364	365	365	366	367	367	367	368	368	368	367	366
45	323	324	325	325	326	327	328	329	330	330	331	331	332	332	333	333	333	332	330
50	286	287	287	288	289	290	291	291	292	293	294	294	295	295	296	296	296	295	293
55	248	249	249	250	251	252	252	253	254	255	255	256	257	257	257	257	257	256	255
60	209	210	210	211	212	212	213	214	215	216	216	217	217	218	218	218	218	217	216
65	170	171	171	172	172	173	174	175	175	176	177	177	177	178	178	178	178	177	176
70	130	131	132	133	133	134	135	136	136	137	137	137	137	137	137	137	137	136	135
75	92.3	93.1	94.0	94.9	95.9	96.9	97.8	98.7	99.0	99.2	99.3	99.3	99.2	99.1	98.9	98.6	98.3	97.7	97.2
80	54.5	55.6	56.8	58.1	59.4	60.8	62.0	63.2	63.4	63.5	63.4	63.3	63.0	62.7	62.3	61.8	61.4	61.0	60.6
85	18.7	19.8	21.0	22.4	23.7	25.1	26.4	27.6	27.7	27.8	27.7	27.5	27.3	26.9	26.5	26.1	25.6	25.3	25.0
90	1.37	1.59	1.82	2.05	2.28	2.49	2.68	2.82	2.61	2.36	2.09	1.80	1.50	1.21	0.94	0.71	0.51	0.66	0.85
95	1.77	1.67	1.68	1.82	2.10	2.50	3.05	3.75	5.37	7.08	8.83	10.6	12.2	13.8	15.2	16.3	17.2	16.3	15.1
100	20.8	22.3	24.3	26.7	29.4	32.3	35.4	38.6	42.1	45.6	49.0	52.2	55.2	57.8	60.0	61.7	62.8	60.9	58.4
105	56.6	58.3	60.6	63.4	66.8	70.6	74.8	79.4	85.7	92.1	98.4	105	110	115	120	123	126	122	117
110	101	108	117	127	137	148	160	171	178	185	192	197	202	206	209	212	213	210	207
115	199	210	223	237	252	267	282	296	303	309	314	318	322	324	325	326	325	324	323
120	360	371	383	397	411	426	440	454	458	461	464	465	466	466	465	464	462	463	464
125	557	564	573	583	593	603	613	622	623	622	621	619	617	615	612	610	607	609	611
130	745	748	751	755	759	763	767	771	771	770	769	768	766	765	764	763	762	763	764
135	896	896	897	898	898	899	900	901	900	899	897	896	895	894	893	892	891	891	892
140	1006	1005	1005	1005	1005	1004	1004	1004	1004	1003	1003	1002	1002	1002	1002	1002	1002	1002	1003
145	1091	1091	1091	1091	1092	1092	1092	1092	1091	1091	1090	1089	1089	1088	1088	1088	1088	1088	1089
150	1162	1163	1163	1164	1165	1166	1167	1168	1168	1168	1167	1167	1167	1167	1167	1167	1167	1167	1167
155	1223	1224	1225	1226	1227	1228	1228	1229	1229	1229	1229	1228	1228	1228	1228	1227	1227	1228	1228
160	1272	1272	1272	1273	1273	1273	1273	1274	1274	1274	1274	1274	1274	1274	1275	1275	1275	1276	1277
165	1306	1306	1305	1304	1304	1303	1303	1303	1303	1303	1304	1305	1305	1306	1307	1308	1309	1310	1311
170	1334	1332	1331	1329	1328	1327	1326	1325	1325	1325	1325	1326	1326	1327	1328	1329	1330	1330	1331
175	1349	1348	1348	1347	1347	1346	1346	1345	1345	1345	1345	1345	1345	1346	1346	1346	1347	1348	1349
180	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354

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:0.4220A P:50.60W PF:0.9990 Freq:60.00Hz Lamp Flux:4848.01x1 lm																	
NAME: 17代 白色									TYPE:50W 3000K 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	520	520	520	520	520	520	520	520	520	520	520	520	520	520	520				
5	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517				
10	509	509	509	508	508	508	507	507	507	507	507	507	508	508	508				
15	496	495	495	494	494	494	493	493	493	493	493	493	493	493	494				
20	478	477	477	476	475	475	474	474	474	474	474	474	474	474	475				
25	455	454	453	453	452	451	451	451	450	450	450	451	451	451	452				
30	428	427	426	425	424	423	422	422	422	422	422	422	422	422	423				
35	398	397	395	394	393	392	391	391	391	391	391	391	392	392	393				
40	364	363	362	361	360	359	358	357	357	357	357	358	358	359	360				
45	329	328	327	325	324	323	322	322	321	322	322	322	323	323	324				
50	292	291	289	288	287	286	284	284	284	284	284	285	285	286	287				
55	254	252	251	250	248	247	246	246	245	246	246	246	247	248	249				
60	214	213	212	210	209	208	207	207	207	207	207	208	208	209	210				
65	175	173	172	171	170	169	168	168	168	168	168	169	170	171	172				
70	135	134	133	132	131	130	130	130	130	130	131	131	132	133	134				
75	96.5	95.9	95.3	94.8	94.3	93.8	93.4	93.4	93.5	93.7	93.9	94.3	94.8	95.4	96.0				
80	60.2	59.8	59.4	59.1	58.7	58.4	58.2	58.0	58.0	58.0	58.0	58.1	58.2	58.4	58.6				
85	24.8	24.5	24.2	23.9	23.7	23.5	23.2	23.1	22.9	22.8	22.7	22.6	22.5	22.5	22.5				
90	1.08	1.33	1.60	1.87	2.13	2.38	2.61	2.66	2.69	2.67	2.62	2.54	2.42	2.27	2.08				
95	13.7	12.1	10.4	8.64	6.88	5.16	3.56	2.84	2.29	1.89	1.65	1.57	1.65	1.89	2.29				
100	55.5	52.1	48.6	44.8	41.0	37.3	33.6	31.6	29.7	28.1	26.7	25.5	24.6	23.9	23.4				
105	111	105	98.3	91.2	84.1	77.1	70.3	66.7	63.6	61.0	58.9	57.3	56.2	55.5	55.4				
110	203	198	192	185	178	171	163	157	150	143	135	128	120	112	103				
115	320	317	313	308	302	296	289	282	274	266	256	246	236	225	213				
120	464	463	462	461	459	456	453	448	442	435	428	419	410	401	390				
125	614	616	618	620	622	624	625	624	622	619	616	613	608	603	598				
130	766	768	770	772	774	776	778	780	781	782	783	784	785	786	786				
135	892	893	894	896	897	899	901	904	906	909	912	916	919	923	927				
140	1004	1005	1006	1007	1008	1010	1011	1013	1015	1017	1019	1021	1024	1026	1029				
145	1091	1092	1093	1095	1096	1098	1099	1100	1102	1103	1104	1105	1107	1108	1109				
150	1168	1168	1169	1170	1170	1171	1172	1173	1174	1174	1175	1176	1177	1179	1180				
155	1229	1229	1230	1231	1231	1232	1233	1234	1234	1235	1236	1236	1237	1238	1238				
160	1278	1279	1280	1280	1281	1282	1283	1283	1284	1284	1285	1285	1285	1285	1285				
165	1312	1313	1314	1315	1317	1318	1319	1319	1320	1321	1322	1322	1323	1323	1324				
170	1332	1333	1334	1335	1336	1337	1338	1340	1341	1343	1344	1346	1347	1349	1351				
175	1349	1350	1351	1352	1353	1354	1355	1356	1356	1357	1357	1358	1358	1359	1359				
180	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354	1354				

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: