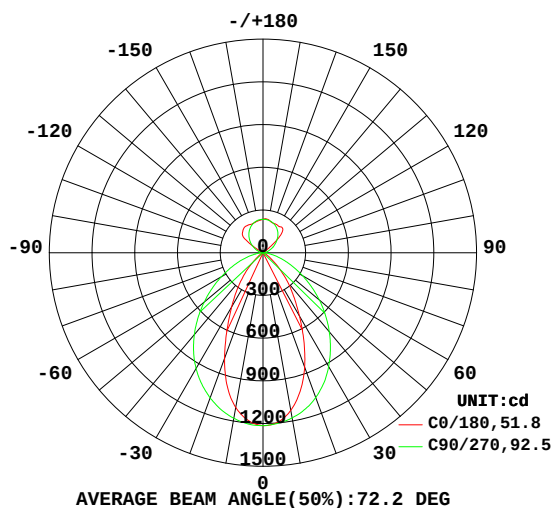


LUMINAIRE PHOTOMETRIC TEST REPORT

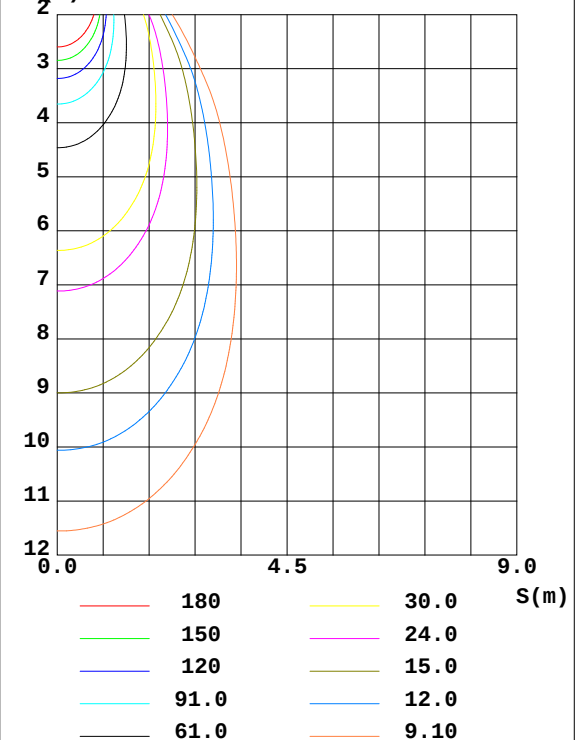
Test:U:119.9V I:0.2060A P:24.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2304.64x1 lm		
NAME: 12代 2FT 黑色	TYPE:25W 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.38*0.017+0.605*0.017	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 94.07 lm/W			
MODEL	上下发光	I _{max} (cd)	1214	S/MH(C0/180)	0.83
NOMINAL POWER(W)	25	LOR(%)	100.0	S/MH(C90/270)	1.16
RATED VOLTAGE(V)	120.0	TOTAL FLUX(lm)	2304.6	η UP, DN(C0-180)	13.0, 37.5
NOMINAL FLUX(lm)	2304.64	CIE CLASS	SEMI-D.	η UP, DN(C180-360)	12.7, 36.9
LAMPS INSIDE	1	η up(%)	25.7	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	120.0	η down(%)	74.3	CIBSE SHR MAX	0.95

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:

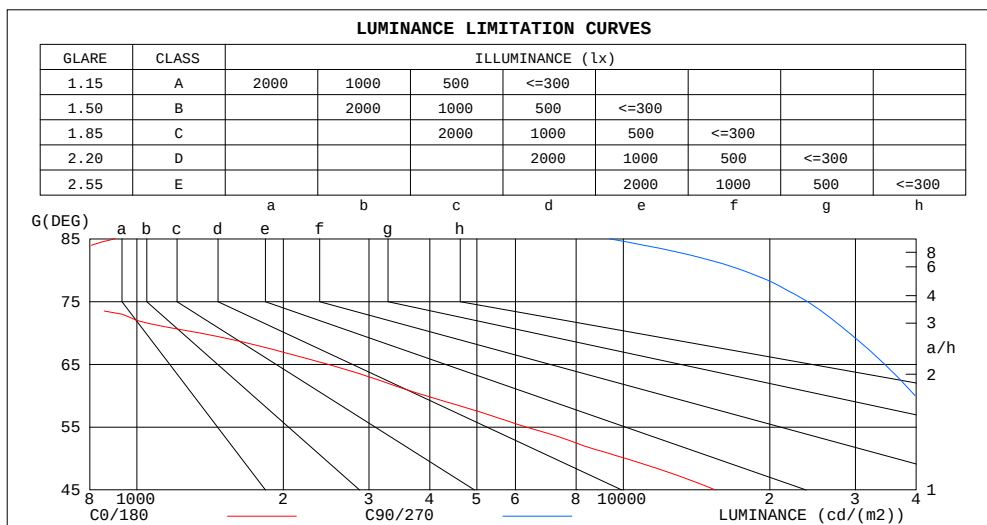
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1124	1156	1178	1155	1103	1137	1180	1138	0- 10	112.6	112.6	4.89,4.89
20	855.3	977.0	1082	973.3	790.4	928.0	1085	942.7	10- 20	297.9	410.5	17.8,17.8
30	512.3	700.6	922.6	679.8	440.8	624.5	939.8	665.3	20- 30	377.5	788.0	34.2,34.2
40	273.8	430.8	724.2	404.6	215.3	372.4	750.5	410.2	30- 40	351.0	1139	49.4,49.4
50	103.9	242.3	517.4	222.8	63.97	203.0	538.6	232.7	40- 50	271.3	1410	61.2,61.2
60	31.41	105.3	318.3	82.33	17.54	73.43	338.2	101.9	50- 60	175.4	1586	68.8,68.8
70	7.364	27.37	159.4	17.03	2.924	15.80	173.7	27.32	60- 70	87.56	1673	72.6,72.6
80	2.199	2.584	48.78	2.360	1.348	2.697	56.64	3.032	70- 80	33.11	1706	74,74
90	0.9163	1.545	0.2163	1.745	0.8199	1.723	0.2955	1.644	80- 90	6.561	1713	74.3,74.3
100	1.223	2.159	16.19	3.855	2.410	3.644	13.24	1.986	90-100	2.858	1716	74.4,74.4
110	3.275	5.399	44.36	20.49	5.559	22.91	38.36	5.478	100-110	10.87	1727	74.9,74.9
120	7.568	60.81	82.03	131.5	25.81	126.9	73.85	64.38	110-120	41.31	1768	76.7,76.7
130	72.81	166.1	123.1	173.1	186.4	166.1	115.7	163.0	120-130	101.5	1869	81.1,81.1
140	217.3	183.0	163.7	192.5	215.5	182.6	154.7	179.2	130-140	131.0	2000	86.8,86.8
150	217.5	200.8	196.5	202.3	221.5	195.3	188.6	196.5	140-150	122.1	2123	92.1,92.1
160	220.2	214.6	219.2	215.6	217.9	213.2	214.4	215.3	150-160	96.51	2219	96.3,96.3
170	235.5	234.5	232.2	227.8	226.1	226.2	230.9	235.5	160-170	63.28	2282	99,99
180	233.7	233.7	233.7	233.7	233.7	233.7	233.7	233.7	170-180	22.31	2305	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:119.9V I:0.2060A P:24.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2304.64x1 lm		
NAME: 12代 2FT 黑色	TYPE:25W 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.38*0.017+0.605*0.017	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	901	9374
80	791	17556
75	712	23895
70	1346	29122
65	2471	34456
60	3926	39793
55	6311	45191
50	10105	50313
45	15466	54880

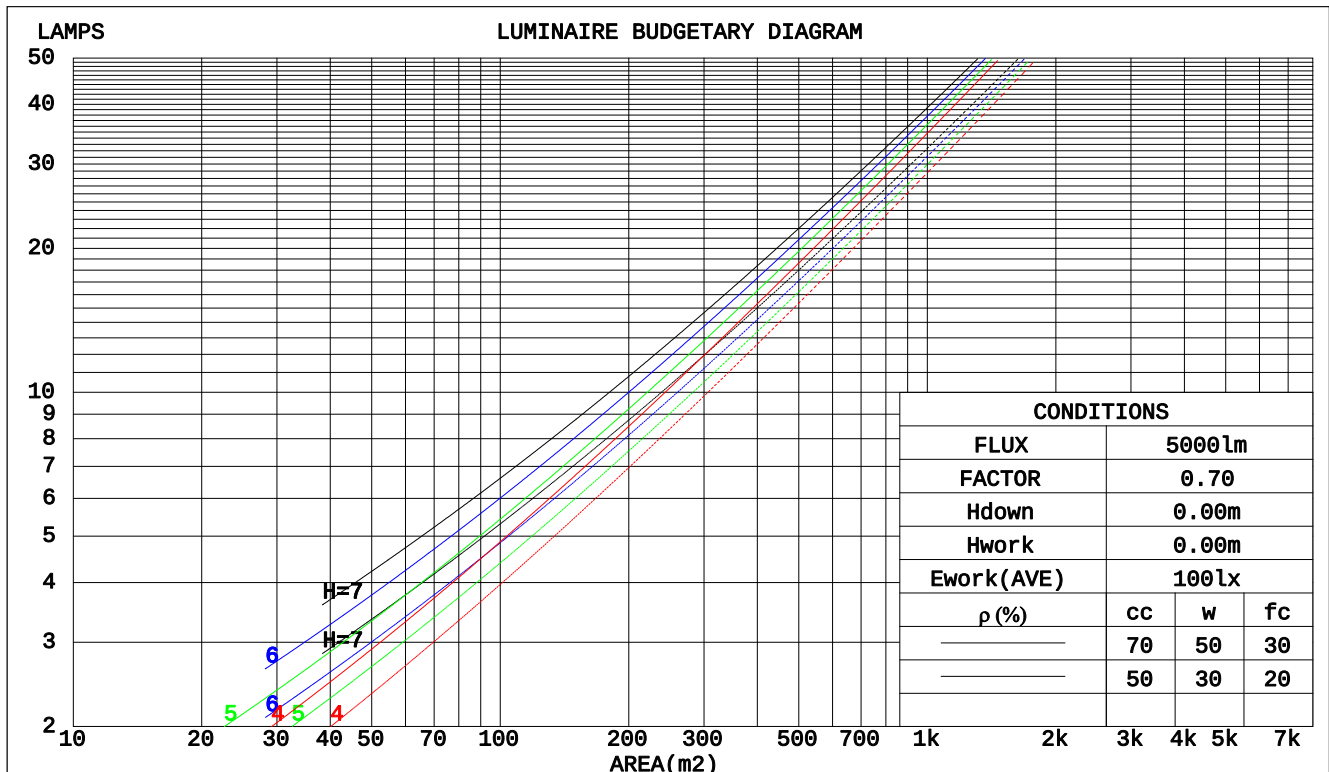
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:何俊伟
Test Date:

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:119.9V I:0.2060A P:24.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2304.64x1 lm		
NAME: 12代 2FT 黑色	TYPE:25W 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.38*0.017+0.605*0.017	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	1.13	1.13	1.13	1.07	1.07	1.07	.97	.97	.97	.87	.87	.87	.78	.78	.78	.74
1.0	1.01	.98	.95	.97	.94	.91	.88	.86	.84	.80	.78	.77	.72	.71	.70	.66
2.0	.91	.86	.81	.87	.82	.78	.79	.76	.73	.73	.70	.67	.66	.64	.62	.59
3.0	.82	.75	.70	.78	.73	.68	.72	.67	.63	.66	.62	.59	.60	.58	.55	.52
4.0	.74	.67	.61	.71	.65	.60	.65	.60	.56	.60	.56	.53	.55	.52	.49	.47
5.0	.67	.60	.54	.65	.58	.53	.60	.54	.50	.55	.51	.47	.51	.47	.45	.42
6.0	.61	.54	.49	.59	.52	.47	.55	.49	.45	.51	.46	.43	.47	.43	.40	.38
7.0	.56	.49	.44	.54	.48	.43	.51	.45	.41	.47	.42	.39	.44	.40	.37	.35
8.0	.52	.45	.40	.50	.43	.39	.47	.41	.37	.44	.39	.35	.41	.37	.34	.32
9.0	.48	.41	.36	.46	.40	.35	.44	.38	.34	.41	.36	.33	.38	.34	.31	.29
10.0	.45	.38	.33	.43	.37	.33	.41	.35	.31	.38	.33	.30	.36	.32	.29	.27



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:119.9V I:0.2060A P:24.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2304.64x1 lm		
NAME: 12代 2FT 黑色	TYPE:25W 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.38*0.017+0.605*0.017	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	.239	.136	.043	.224	.128	.041	.197	.113	.036	.171	.099	.032	.148	.086	.028		
2.0	.228	.125	.038	.214	.118	.036	.190	.106	.033	.167	.094	.029	.146	.083	.026		
3.0	.214	.114	.034	.203	.108	.033	.180	.098	.030	.160	.088	.027	.141	.078	.024		
4.0	.201	.105	.031	.191	.100	.029	.170	.090	.027	.152	.081	.025	.134	.073	.022		
5.0	.189	.096	.028	.179	.092	.027	.161	.084	.025	.144	.076	.023	.127	.068	.020		
6.0	.178	.089	.025	.169	.085	.025	.152	.078	.023	.136	.071	.021	.121	.064	.019		
7.0	.167	.083	.023	.159	.079	.023	.143	.073	.021	.129	.066	.019	.115	.060	.018		
8.0	.158	.077	.022	.150	.074	.021	.136	.068	.019	.122	.062	.018	.110	.056	.016		
9.0	.149	.072	.020	.142	.069	.019	.129	.064	.018	.116	.058	.017	.104	.053	.015		
10.0	.141	.068	.019	.135	.065	.018	.122	.060	.017	.111	.055	.016	.100	.050	.014		

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	.386	.386	.386	.330	.330	.330	.225	.225	.225	.129	.129	.129	.041	.041	.041	
1.0	.373	.354	.337	.319	.304	.290	.218	.209	.201	.126	.121	.117	.040	.039	.038	
2.0	.362	.331	.304	.310	.285	.263	.213	.197	.183	.123	.115	.108	.039	.037	.035	
3.0	.353	.314	.282	.303	.270	.244	.208	.188	.171	.120	.110	.101	.039	.036	.033	
4.0	.346	.300	.266	.296	.260	.231	.204	.181	.163	.118	.106	.096	.038	.035	.032	
5.0	.338	.290	.255	.291	.251	.221	.200	.175	.156	.116	.103	.093	.037	.034	.031	
6.0	.332	.282	.246	.285	.244	.214	.197	.171	.152	.114	.101	.090	.037	.033	.030	
7.0	.326	.275	.240	.280	.239	.209	.194	.167	.148	.112	.099	.088	.036	.032	.029	
8.0	.320	.270	.235	.276	.234	.205	.191	.164	.145	.111	.097	.087	.036	.032	.029	
9.0	.315	.265	.231	.271	.230	.202	.188	.162	.143	.109	.095	.085	.035	.031	.028	
10.0	.310	.261	.228	.267	.227	.199	.185	.159	.141	.108	.094	.084	.035	.031	.028	

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:119.9V I:0.2060A P:24.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2304.64x1 lm											
NAME: 12代 2FT 黑色					TYPE:25W 3000K			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.: WS					SUR.:0.38*0.017+0.605*0.017			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	17.3	18.3	17.9	18.9	19.5	24.3	25.3	24.8	25.8	26.5	
	3H	17.1	18.0	17.7	18.6	19.3	25.2	26.1	25.8	26.7	
	4H	16.9	17.8	17.6	18.4	19.1	25.5	26.4	26.2	27.0	
	6H	16.8	17.6	17.5	18.2	19.0	25.7	26.5	26.3	27.1	
	8H	16.7	17.5	17.4	18.1	18.9	25.7	26.4	26.3	27.1	
	12H	16.7	17.4	17.3	18.0	18.8	25.6	26.4	26.3	27.0	
4H	2H	17.9	18.8	18.6	19.4	20.1	24.0	24.8	24.6	25.5	
	3H	17.7	18.4	18.4	19.1	19.8	25.0	25.7	25.7	26.4	
	4H	17.5	18.2	18.2	18.9	19.7	25.4	26.1	26.1	26.7	
	6H	17.4	18.0	18.1	18.7	19.5	25.6	26.2	26.4	26.9	
	8H	17.3	17.8	18.1	18.6	19.4	25.7	26.2	26.4	26.9	
	12H	17.2	17.7	18.0	18.5	19.4	25.7	26.1	26.4	26.9	
8H	4H	17.6	18.1	18.4	18.9	19.7	25.2	25.7	25.9	26.5	
	6H	17.5	17.9	18.3	18.7	19.6	25.5	25.9	26.2	26.6	
	8H	17.4	17.8	18.2	18.6	19.5	25.5	25.9	26.3	26.7	
	12H	17.3	17.6	18.1	18.4	19.4	25.5	25.8	26.3	26.6	
12H	4H	17.6	18.1	18.4	18.8	19.7	25.1	25.6	25.9	26.3	
	6H	17.5	17.8	18.3	18.6	19.6	25.4	25.7	26.2	26.5	
	8H	17.4	17.7	18.2	18.5	19.5	25.4	25.8	26.2	26.6	
Variations with the observer position at spacings:											
S = 1.0H	+ 1.7 / - 3.3					+ 0.3 / - 0.3					
1.5H	+ 1.2 / - 2.4					+ 0.7 / - 1.1					
2.0H	+ 2.4 / - 4.3					+ 1.6 / - 2.3					

CIE Pub.117 Corrected 2305 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.9)

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:119.9V I:0.2060A P:24.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2304.64x1 lm		
NAME: 12代 2FT 黑色	TYPE:25W 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.38*0.017+0.605*0.017	Shielding Angle:

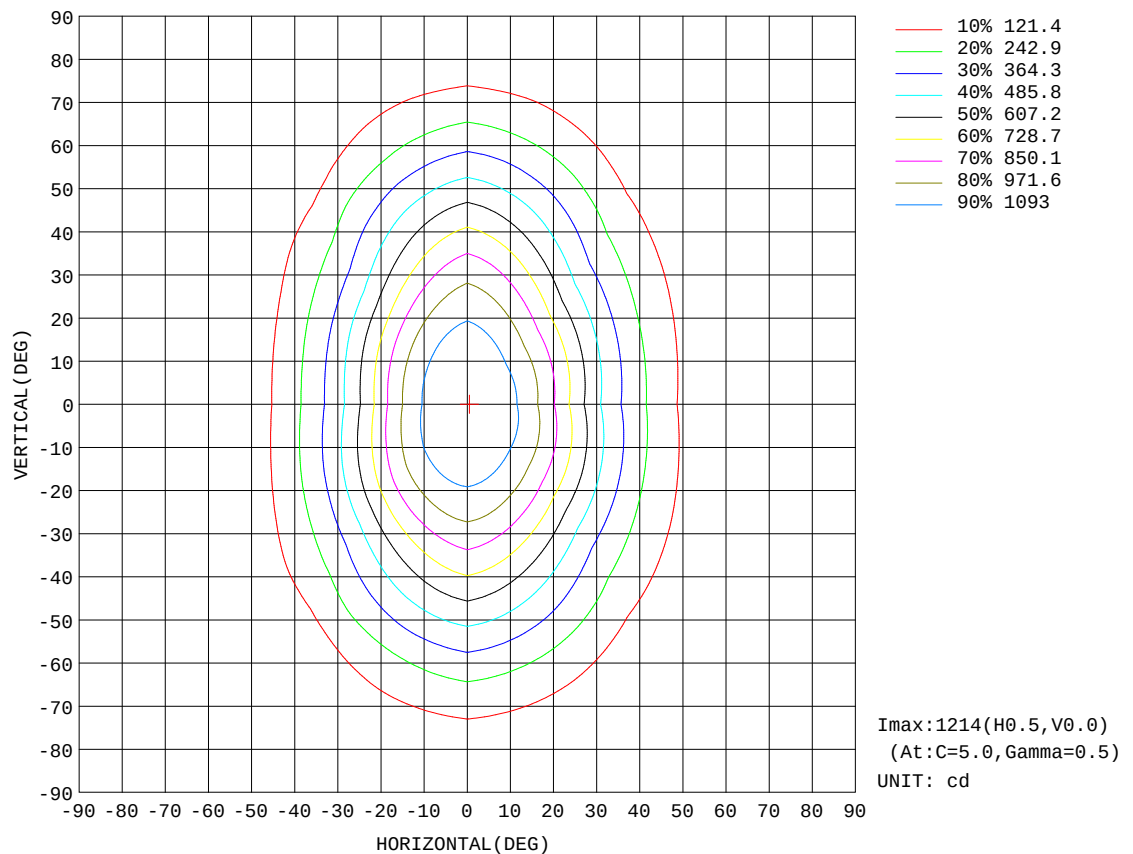
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	60	51	45	59	50	45	56	48	43	37
0.80	70	60	54	67	59	53	64	56	52	44
1.00	77	68	62	74	66	61	70	64	58	50
1.25	83	74	69	80	72	67	75	69	64	54
1.50	87	79	74	84	77	72	78	72	68	57
2.00	93	86	81	89	83	78	82	78	74	61
2.50	96	90	85	92	87	82	85	80	77	63
3.00	99	93	89	95	90	86	87	83	80	65
4.00	102	97	94	98	94	90	89	86	84	68
5.00	104	100	97	100	96	93	91	88	86	69
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:119.9V I:0.2060A P:24.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2304.64x1 lm		
NAME: 12代 2FT 黑色	TYPE:25W 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.38*0.017+0.605*0.017	Shielding Angle:

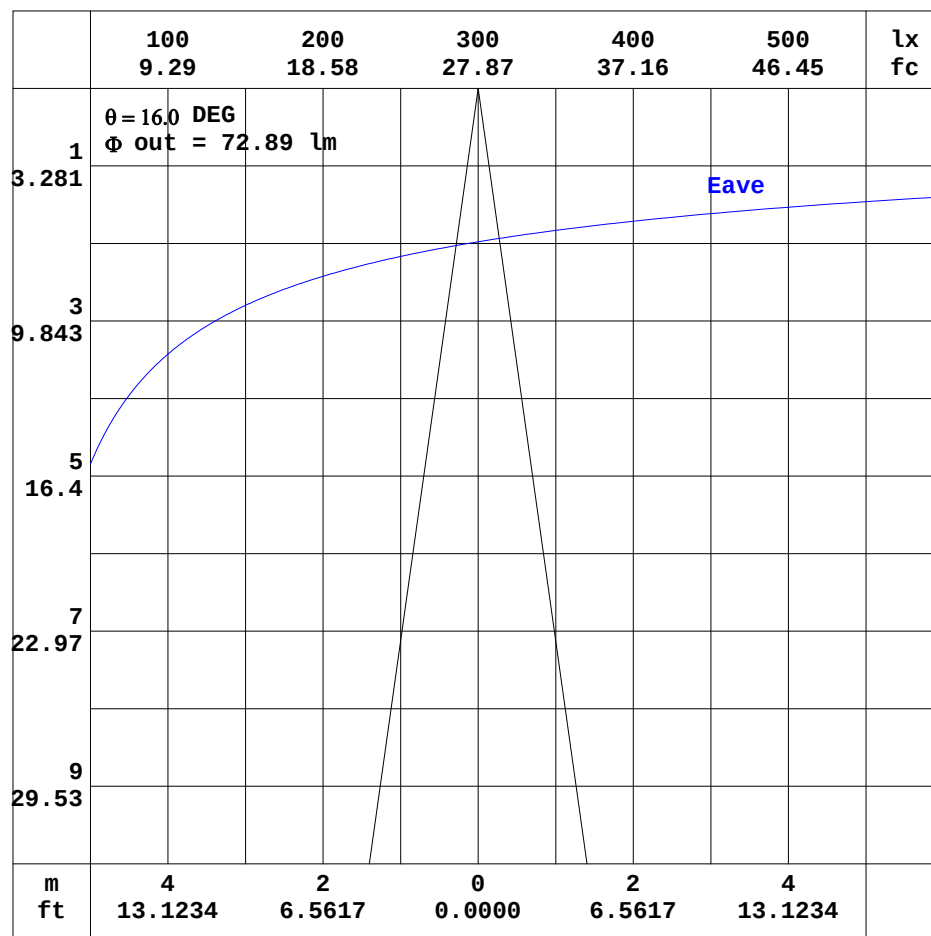


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:何俊伟
Test Date:

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:119.9V I:0.2060A P:24.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2304.64x1 lm		
NAME: 12代 2FT 黑色	TYPE:25W 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.38*0.017+0.605*0.017	Shielding Angle:



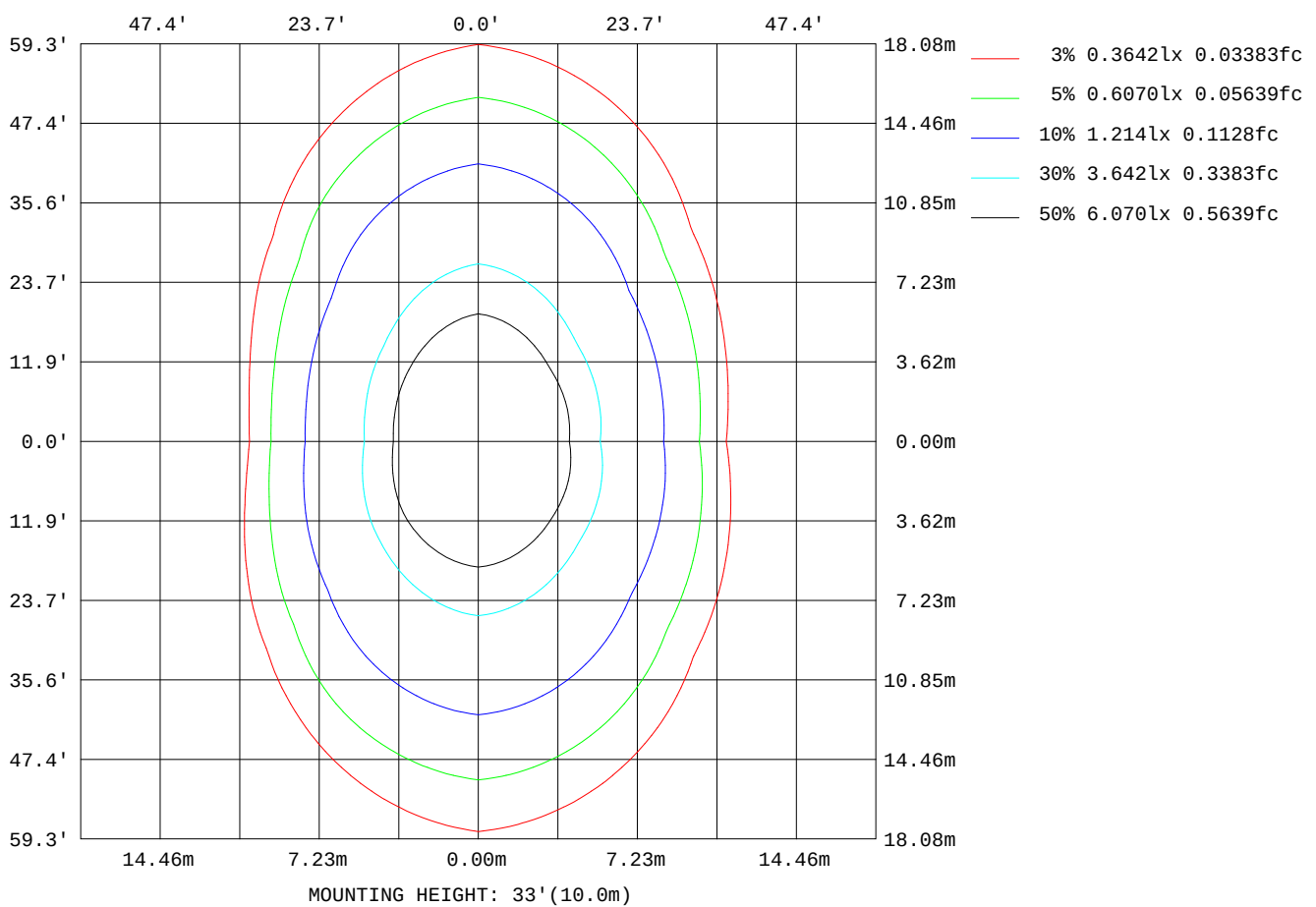
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:119.9V I:0.2060A P:24.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2304.64x1 lm		
NAME: 12代 2FT 黑色	TYPE:25W 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.38*0.017+0.605*0.017	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:119.9V I:0.2060A P:24.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2304.64x1 lm		
NAME: 12代 2FT 黑色	TYPE:25W 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.38*0.017+0.605*0.017	Shielding Angle:

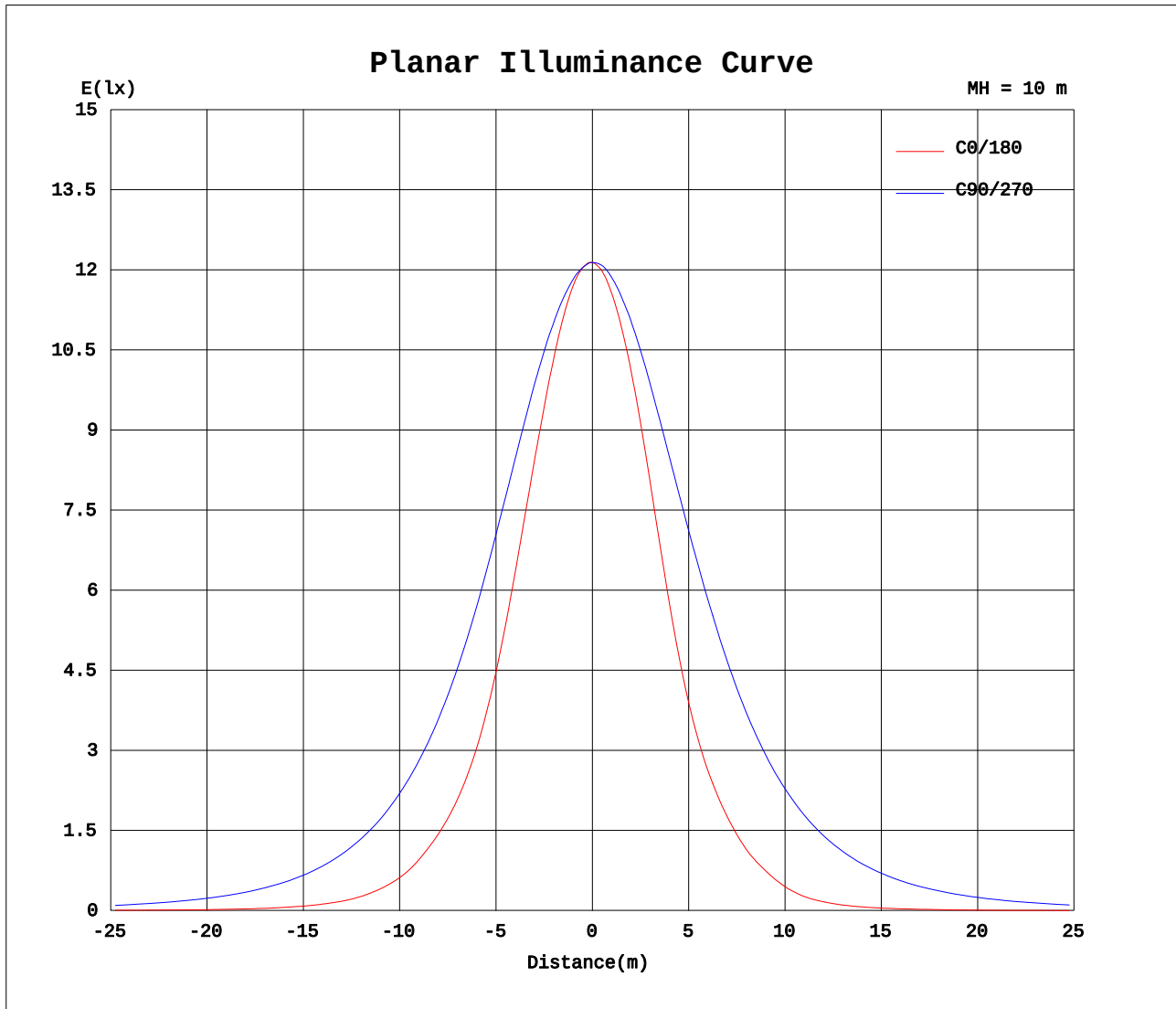
AvgL	cd/m2
L_0~180(65)av	1753
L_0~180(75)av	627
L_0~180(85)av	802
L_90~270(65)av	35704
L_90~270(75)av	25047
L_90~270(85)av	11051
L_45(65)av	7000
L_45(75)av	1567
L_45(85)av	1304

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:119.9V I:0.2060A P:24.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2304.64x1 lm		
NAME: 12代 2FT 黑色	TYPE:25W 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.38*0.017+0.605*0.017	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	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214
5	1195	1196	1196	1197	1198	1199	1199	1200	1201	1201	1201	1202	1202	1203	1203	1203	1203	1203	1203
10	1124	1128	1132	1136	1139	1143	1146	1150	1153	1156	1160	1163	1166	1169	1172	1174	1176	1177	1178
15	1007	1016	1025	1033	1042	1050	1058	1066	1073	1080	1090	1098	1106	1114	1121	1127	1132	1136	1138
20	855	870	884	898	911	925	938	951	964	977	993	1009	1024	1038	1050	1061	1071	1078	1082
25	679	698	717	736	754	773	791	810	828	847	871	895	918	940	960	977	992	1003	1010
30	512	532	551	571	592	613	634	656	678	701	733	765	796	825	852	876	896	912	923
35	379	394	411	428	447	466	487	509	532	557	594	632	668	704	737	766	791	811	825
40	274	284	297	311	327	344	363	384	407	431	470	511	551	589	625	658	686	708	724
45	175	184	196	209	224	241	259	279	301	325	365	405	445	484	520	553	581	604	621
50	104	113	123	135	148	164	181	200	220	242	279	317	354	390	424	454	481	502	517
55	57.9	63.5	70.8	79.8	90.5	103	117	132	150	169	201	234	268	300	330	358	381	401	415
60	31.4	32.7	35.8	40.6	47.1	55.3	65.2	76.9	90.2	105	133	161	190	218	244	268	289	306	318
65	16.7	14.6	14.1	15.3	18.1	22.6	28.8	36.7	46.2	57.4	79.5	103	126	149	171	191	208	222	233
70	7.36	4.05	2.12	1.58	2.42	4.64	8.25	13.2	19.6	27.4	43.6	60.6	78.0	95.2	112	127	140	151	159
75	2.95	0.16	0.16	0.16	0.15	0.15	0.15	0.45	4.23	9.05	19.8	31.3	43.0	54.7	65.9	76.3	85.5	93.2	99.0
80	2.20	0.14	0.15	0.16	0.17	0.17	0.17	0.17	0.28	2.58	7.99	13.8	19.7	25.7	31.5	36.8	41.6	45.7	48.8
85	1.26	0.76	0.40	0.21	0.23	0.24	0.33	0.64	1.10	1.69	3.03	4.46	5.93	7.40	8.82	10.1	11.3	12.3	13.1
90	0.92	1.08	1.23	1.34	1.44	1.51	1.55	1.57	1.57	1.54	1.41	1.25	1.08	0.91	0.74	0.58	0.43	0.31	0.22
95	0.74	0.66	0.75	0.87	0.96	1.04	1.10	1.13	1.15	1.33	1.76	2.21	2.68	3.15	3.60	4.03	4.42	4.75	5.03
100	1.22	0.68	0.55	0.64	0.71	0.77	0.82	0.86	1.41	2.16	3.79	5.53	7.33	9.12	10.9	12.5	14.0	15.2	16.2
105	1.77	0.71	0.39	0.44	0.49	0.54	0.57	0.71	1.76	3.12	6.11	9.30	12.6	15.9	19.1	22.1	24.8	27.1	28.9
110	3.28	1.69	0.57	0.37	0.40	0.44	0.60	1.75	3.35	5.40	9.73	14.4	19.2	24.1	28.9	33.4	37.6	41.3	44.4
115	4.98	3.97	3.45	3.43	3.90	4.86	6.31	8.25	10.7	13.6	18.3	23.3	28.7	34.3	40.0	45.7	51.4	56.8	62.1
120	7.57	15.1	22.2	28.9	35.2	41.1	46.6	51.8	56.5	60.8	63.7	66.2	68.5	70.6	72.7	74.8	77.0	79.4	82.0
125	17.0	36.8	54.9	71.2	85.7	98.5	109	119	126	132	131	130	127	123	119	114	110	106	103
130	72.8	89.9	105	119	131	141	150	157	162	166	164	160	156	150	144	138	133	128	123
135	175	177	178	179	180	180	179	179	177	176	172	168	163	159	155	151	148	146	144
140	217	213	208	204	200	196	193	189	186	183	180	176	173	171	168	166	165	164	164
145	222	218	215	211	208	204	202	199	196	194	191	189	187	185	184	183	182	181	181
150	218	215	213	211	209	207	205	203	202	201	200	199	198	198	197	197	197	196	197
155	221	218	216	214	212	211	209	208	207	207	206	207	207	207	207	208	208	209	209
160	220	219	218	217	216	216	215	215	215	215	215	215	216	217	217	218	218	219	219
165	224	224	224	225	225	225	225	225	225	225	226	226	226	226	227	227	227	227	227
170	236	235	235	235	235	235	235	235	235	234	234	234	234	234	233	233	233	233	232
175	240	240	240	240	240	240	240	239	239	239	239	238	238	237	237	237	236	236	235
180	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234

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:119.9V I:0.2060A P:24.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2304.64x1 lm		
NAME: 12代 2FT 黑色	TYPE:25W 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.38*0.017+0.605*0.017	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	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214
5	1203	1203	1203	1203	1202	1202	1201	1201	1200	1198	1196	1193	1191	1189	1187	1185	1184	1182	1183
10	1177	1176	1174	1172	1169	1166	1163	1159	1155	1148	1142	1135	1128	1122	1116	1111	1107	1103	1104
15	1137	1133	1129	1123	1116	1109	1100	1090	1080	1066	1052	1038	1024	1011	998	988	978	971	974
20	1078	1072	1063	1052	1039	1025	1009	992	973	949	925	901	878	856	835	817	802	790	795
25	1003	991	976	958	937	914	889	862	835	803	771	739	709	680	654	632	613	598	604
30	910	892	870	844	815	783	750	715	680	645	612	579	548	520	494	472	454	441	446
35	808	786	758	725	689	651	611	571	530	497	466	436	409	384	362	344	330	320	323
40	705	680	649	614	575	533	491	447	405	373	344	316	292	270	251	235	223	215	218
45	602	577	547	512	474	433	391	348	306	276	247	221	198	177	159	144	133	126	129
50	500	476	448	415	379	341	301	262	223	196	170	147	126	107	91.8	79.2	69.9	64.0	66.6
55	399	377	351	322	289	255	220	185	151	129	110	91.9	76.3	62.8	51.7	42.9	36.7	33.0	33.7
60	303	283	259	232	203	173	142	111	82.3	67.6	54.9	44.2	35.4	28.4	23.2	19.7	17.9	17.5	16.2
65	220	203	183	161	137	112	87.4	62.9	39.7	29.9	22.0	15.8	11.2	8.03	6.16	5.45	5.78	7.01	4.92
70	150	137	123	106	88.4	70.1	51.8	33.9	17.0	11.0	6.37	3.08	0.94	0.10	0.10	0.16	1.31	2.92	0.86
75	92.4	83.9	73.9	62.8	50.9	38.6	26.4	14.5	3.47	0.36	0.17	0.16	0.15	0.14	0.13	0.12	0.57	2.25	0.43
80	45.7	41.6	36.8	31.4	25.6	19.6	13.6	7.80	2.36	0.79	0.25	0.24	0.23	0.21	0.20	0.18	0.56	1.35	0.46
85	12.3	11.3	10.2	8.84	7.42	5.95	4.48	3.04	1.69	1.25	0.93	0.72	0.60	0.56	0.59	0.68	0.81	0.98	0.76
90	0.34	0.50	0.67	0.86	1.05	1.25	1.43	1.60	1.75	1.69	1.60	1.50	1.38	1.26	1.14	1.02	0.91	0.82	0.91
95	4.90	4.70	4.45	4.16	3.83	3.47	3.10	2.74	2.38	2.20	2.04	1.90	1.79	1.69	1.62	1.56	1.53	1.51	1.54
100	15.4	14.4	13.2	11.8	10.2	8.61	6.98	5.38	3.85	3.30	2.88	2.56	2.35	2.23	2.19	2.21	2.29	2.41	2.31
105	27.6	25.8	23.5	21.0	18.2	15.2	12.3	9.35	6.58	5.57	4.78	4.20	3.81	3.58	3.49	3.53	3.67	3.90	3.75
110	43.5	42.0	39.9	37.3	34.3	31.0	27.6	24.0	20.5	18.0	15.6	13.3	11.3	9.58	8.08	6.90	6.04	5.56	6.52
115	66.8	71.2	74.9	78.1	80.6	82.3	83.1	82.9	81.7	73.8	65.0	55.7	46.3	37.2	28.5	20.7	14.1	9.03	14.9
120	89.5	97.0	104	111	118	123	127	130	132	121	109	95.5	82.1	68.6	55.8	44.1	33.9	25.8	33.5
125	107	113	119	126	133	139	145	150	155	152	148	143	138	132	127	122	117	113	116
130	126	131	136	142	148	154	161	167	173	176	179	181	183	185	186	186	187	186	186
135	146	150	154	159	164	170	175	180	186	189	193	196	198	200	202	203	204	204	202
140	166	168	171	174	177	181	185	189	193	196	200	203	206	209	212	214	215	216	214
145	182	183	185	187	189	191	194	196	199	203	206	209	213	216	218	220	222	223	220
150	197	197	197	198	198	199	200	201	202	205	207	210	213	215	217	219	221	222	220
155	209	209	209	209	209	209	209	209	209	210	212	213	215	216	217	218	219	219	218
160	219	219	218	218	217	217	216	216	216	216	216	216	217	217	217	218	218	218	218
165	226	226	226	225	225	224	224	223	223	222	222	222	222	222	221	221	221	221	221
170	232	231	231	230	230	229	229	228	228	228	227	227	227	227	226	226	226	226	226
175	235	235	234	234	233	233	233	232	232	232	232	231	231	231	231	230	230	230	230
180	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234

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:119.9V I:0.2060A P:24.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2304.64x1 lm		
NAME: 12代 2FT 黑色	TYPE:25W 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.38*0.017+0.605*0.017	Shielding Angle:

Table--3

UNIT: cd

γ (DEG) \ C (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214
5	1183	1184	1185	1186	1188	1189	1191	1193	1195	1197	1199	1200	1202	1204	1205	1206	1207	1206	1205
10	1106	1109	1112	1117	1121	1126	1132	1137	1143	1150	1155	1161	1166	1171	1175	1178	1180	1178	1174
15	978	985	993	1003	1013	1025	1037	1049	1062	1075	1088	1100	1111	1120	1129	1136	1140	1135	1129
20	804	815	830	847	865	885	906	928	950	972	994	1014	1033	1050	1065	1076	1085	1077	1067
25	615	630	648	670	694	721	749	779	812	845	877	908	937	963	985	1004	1018	1007	991
30	455	469	488	509	534	562	592	624	666	709	751	791	830	865	895	921	940	925	905
35	330	342	357	376	399	425	453	485	532	580	628	675	720	760	797	827	850	832	808
40	225	235	250	268	289	314	342	372	421	470	520	569	615	658	696	727	751	731	705
45	136	147	161	179	200	224	252	281	328	376	424	471	516	557	593	623	646	627	600
50	72.7	82.2	95.0	111	130	152	176	203	246	290	334	378	419	457	490	518	539	521	497
55	37.1	43.1	51.8	63.0	76.9	93.3	112	134	172	211	251	289	327	361	391	417	436	420	398
60	16.4	18.4	22.2	28.0	35.9	46.1	58.5	73.4	106	139	174	208	240	271	298	321	338	325	306
65	3.77	3.71	4.93	7.58	11.8	17.9	25.9	36.0	61.5	88.4	116	143	170	195	217	235	250	238	222
70	0.13	0.16	0.18	0.21	1.22	4.56	9.37	15.8	34.4	54.2	74.5	94.8	114	133	149	163	174	165	152
75	0.16	0.18	0.20	0.23	0.25	0.27	0.29	3.66	15.8	28.8	42.3	55.8	68.8	81.0	92.0	101	108	102	93.7
80	0.20	0.23	0.25	0.28	0.30	0.32	0.87	2.70	9.03	15.8	22.8	29.7	36.4	42.7	48.3	53.0	56.6	53.1	48.4
85	0.57	0.44	0.38	0.42	0.57	0.85	1.28	1.88	3.75	5.75	7.81	9.86	11.8	13.7	15.3	16.7	17.7	16.7	15.3
90	1.01	1.12	1.24	1.36	1.48	1.58	1.66	1.72	1.59	1.43	1.25	1.07	0.89	0.72	0.55	0.41	0.30	0.40	0.53
95	1.59	1.65	1.72	1.81	1.90	2.00	2.11	2.22	2.33	2.45	2.56	2.66	2.74	2.82	2.87	2.91	2.92	2.81	2.68
100	2.25	2.24	2.29	2.40	2.59	2.85	3.20	3.64	4.83	6.08	7.35	8.61	9.81	10.9	11.9	12.7	13.2	12.5	11.4
105	3.68	3.70	3.82	4.07	4.45	4.98	5.67	6.54	8.78	11.1	13.5	15.9	18.1	20.2	22.0	23.5	24.5	23.0	21.1
110	7.84	9.45	11.3	13.4	15.7	18.0	20.5	22.9	25.6	28.1	30.6	32.8	34.7	36.3	37.5	38.2	38.4	35.7	32.5
115	22.3	30.8	40.1	49.8	59.6	69.1	78.0	86.0	86.1	85.0	82.9	79.8	75.9	71.4	66.3	60.9	55.2	50.4	45.6
120	43.1	54.4	66.7	79.6	92.5	105	117	127	125	121	117	111	104	96.4	88.8	81.2	73.8	72.3	71.2
125	120	125	129	134	139	143	146	149	144	138	132	125	118	111	105	99.5	94.7	98.7	104
130	185	183	181	179	176	173	170	166	160	153	146	140	134	128	123	119	116	120	126
135	200	198	195	192	188	184	180	176	170	165	159	154	149	145	141	138	136	138	140
140	211	208	204	200	196	192	187	183	178	174	170	167	163	161	158	156	155	156	157
145	217	214	210	206	202	198	193	189	186	183	181	179	177	175	174	173	173	173	174
150	217	215	212	208	205	202	198	195	194	192	191	190	189	189	189	189	189	189	189
155	217	215	213	211	209	207	205	204	203	203	202	202	202	202	202	202	203	202	202
160	217	216	216	215	215	214	214	213	213	213	213	213	214	214	214	214	214	214	214
165	221	221	220	220	220	220	220	220	221	221	221	222	222	223	223	224	224	225	225
170	226	226	226	226	226	226	226	226	227	227	227	228	229	229	230	230	231	231	232
175	230	230	230	230	231	231	231	231	232	232	232	232	233	233	234	234	234	235	235
180	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234

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:119.9V I:0.2060A P:24.50W PF:0.9900 Freq:60.00Hz Lamp Flux:2304.64x1 lm		
NAME: 12代 2FT 黑色	TYPE:25W 3000K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: WS	SUR.:0.38*0.017+0.605*0.017	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	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214	1214				
5	1203	1202	1200	1198	1197	1195	1193	1193	1193	1192	1192	1192	1193	1193	1194				
10	1170	1166	1160	1155	1149	1144	1138	1135	1133	1130	1129	1127	1126	1125	1124				
15	1120	1111	1100	1089	1077	1065	1053	1046	1040	1034	1028	1023	1018	1014	1011				
20	1053	1037	1020	1001	982	962	943	930	919	907	897	887	878	870	862				
25	972	949	923	896	867	838	809	791	774	757	742	727	714	701	690				
30	879	848	815	778	741	703	665	642	621	601	582	565	550	536	523				
35	777	741	702	659	616	572	529	504	481	460	442	425	410	398	387				
40	671	633	591	547	501	455	410	385	362	342	324	309	297	286	279				
45	568	530	489	445	400	355	312	287	264	244	227	211	199	188	180				
50	468	433	395	355	314	273	233	210	189	170	154	139	127	117	109				
55	371	341	307	271	234	197	161	141	123	108	94.1	82.6	73.3	66.0	60.9				
60	282	255	226	195	164	132	102	85.8	71.8	59.9	50.0	42.2	36.4	32.7	31.0				
65	203	181	157	131	106	80.5	56.3	44.3	34.2	26.0	19.7	15.3	12.8	12.2	13.5				
70	137	121	102	83.3	64.1	45.2	27.3	18.9	12.0	6.61	2.83	0.62	0.28	0.87	3.33				
75	83.6	72.2	59.9	47.1	34.2	21.6	9.77	4.48	0.31	0.26	0.25	0.24	0.22	0.20	0.18				
80	42.8	36.6	29.9	23.0	16.0	9.32	3.03	0.33	0.27	0.26	0.25	0.23	0.21	0.19	0.16				
85	13.7	11.9	9.93	7.90	5.86	3.88	2.01	1.19	0.55	0.30	0.29	0.27	0.24	0.21	0.60				
90	0.68	0.84	1.01	1.18	1.35	1.51	1.64	1.67	1.66	1.63	1.58	1.50	1.39	1.26	1.10				
95	2.53	2.36	2.19	2.00	1.82	1.63	1.45	1.33	1.23	1.13	1.04	0.96	0.89	0.83	0.78				
100	10.3	8.97	7.57	6.13	4.69	3.30	1.99	1.38	0.90	0.65	0.63	0.59	0.54	0.49	0.79				
105	18.9	16.4	13.8	11.1	8.36	5.72	3.24	2.09	1.19	0.54	0.39	0.37	0.35	0.38	0.95				
110	28.9	25.1	21.0	17.0	12.9	9.08	5.48	3.71	2.32	1.32	0.69	0.45	0.59	1.11	2.00				
115	40.7	35.9	31.2	26.7	22.3	18.2	14.5	11.9	9.66	7.82	6.38	5.32	4.65	4.38	4.48				
120	70.3	69.7	69.0	68.3	67.4	66.1	64.4	60.4	55.8	50.7	44.9	38.6	31.7	24.2	16.2				
125	109	114	120	124	128	131	132	127	119	110	99.4	86.6	72.0	55.5	37.1				
130	132	139	145	151	156	160	163	160	155	148	140	130	118	105	89.6				
135	144	148	152	156	161	165	170	172	173	175	176	176	177	177	176				
140	159	161	164	168	171	175	179	183	187	190	194	199	203	208	212				
145	175	177	179	181	184	187	190	193	196	199	202	206	210	214	218				
150	190	190	191	192	194	195	196	198	200	202	204	207	209	212	215				
155	202	202	202	203	203	203	204	205	206	208	210	211	213	216	218				
160	215	215	215	215	215	215	215	216	216	216	217	218	218	219	219				
165	226	227	227	228	228	229	229	229	229	228	228	228	227	226	225				
170	233	233	234	234	235	235	235	236	236	236	236	236	236	236	236				
175	236	236	237	237	237	238	238	239	239	239	239	240	240	240	240				
180	234	234	234	234	234	234	234	234	234	234	234	234	234	234	234				

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: