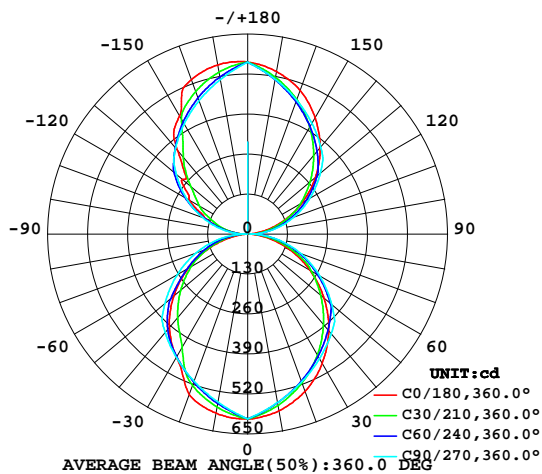


## LUMINAIRE PHOTOMETRIC TEST REPORT

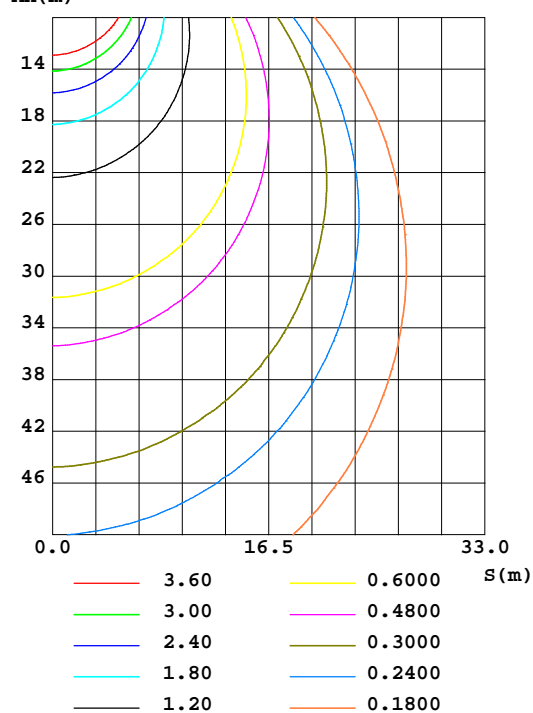
Test:U:120.3V I:0.2150A P:25.70W PF:0.9920 Lamp Flux:3010.08x1 lm					
NAME: 二代线条灯			TYPE:上下发光 白色外壳		WEIGHT:
DIM.: 2FT			SPEC.:3000K		SERIAL No.:YQ2107-7
MFR.: YQ			SUR.:0.171*1.13m		PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 117.12 lm/W			
MODEL		I <sub>max</sub> (cd)	601.4	S/MH(C0/180)	1.21
NOMINAL POWER(W)	26	LOR(%)	100.0	S/MH(C90/270)	1.17
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	3010.1	η UP,DN(C0-180)	23.9,26.5
NOMINAL FLUX(lm)	3010.08	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	23.4,26.3
LAMPS INSIDE	1	η up(%)	47.3	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.3	η down(%)	52.7	CIBSE SHR MAX	1.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



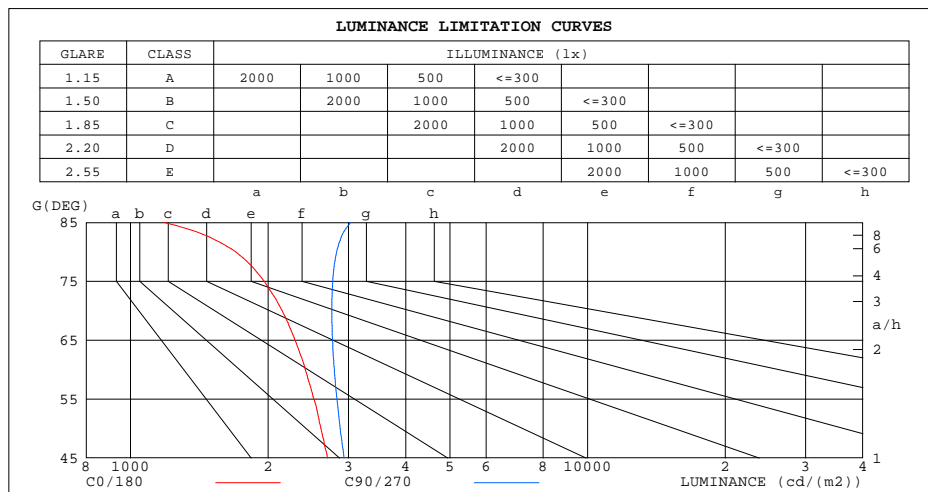
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:26.3DEG  
 Operators:Ethan  
 Test Date:2021-08-16

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
 Humidity:36%  
 Test Distance:6.770m [K=1.0000]  
 Remarks: 聚鑫德源 AI40D2C-421000  
 源磊A+ 13S5P/13S10P  
 E款 5:5

ZONAL FLUX DIAGRAM  
AND LUMINANCE LIMITATION CURVES

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\phi$ zone	$\phi$ total	$\phi$ lum,lamp
5	595.0	582.0	578.7	584.5	599.4	584.0	578.1	581.6	0- 5	14.12	14.12	0.47,0.47
10	583.6	560.4	556.5	565.6	591.1	564.6	555.2	559.8	5- 10	41.10	55.21	1.83,1.83
15	566.7	536.3	534.3	543.1	577.7	541.6	532.3	535.4	10- 15	65.75	121.0	4.02,4.02
20	544.6	510.1	512.0	518.4	555.8	516.5	509.4	508.8	15- 20	87.56	208.5	6.93,6.93
25	517.1	483.0	489.8	491.8	502.4	489.0	486.5	481.8	20- 25	105.7	314.3	10.4,10.4
30	485.1	454.1	467.6	458.6	464.0	451.3	463.7	453.1	25- 30	119.5	433.7	14.4,14.4
35	449.5	423.7	445.3	411.9	432.0	400.0	440.8	423.1	30- 35	129.6	563.3	18.7,18.7
40	410.9	393.7	423.1	365.4	396.8	355.6	417.9	392.9	35- 40	136.3	699.6	23.2,23.2
45	368.5	362.7	400.9	329.0	357.0	322.6	395.0	362.6	40- 45	139.4	839.0	27.9,27.9
50	324.2	332.1	357.2	298.8	314.2	293.4	351.6	333.0	45- 50	138.2	977.2	32.5,32.5
55	279.2	301.4	313.4	269.3	269.5	263.4	308.1	302.1	50- 55	131.5	1109	36.8,36.8
60	233.2	254.8	269.7	228.3	223.6	222.8	264.7	255.3	55- 60	120.5	1229	40.8,40.8
65	187.1	209.0	226.0	187.7	176.9	183.4	221.3	210.0	60- 65	106.2	1335	44.4,44.4
70	141.9	165.8	182.2	148.5	131.2	144.6	177.8	166.5	65- 70	89.23	1425	47.3,47.3
75	98.08	124.3	138.5	110.6	85.64	107.7	134.4	124.7	70- 75	70.32	1495	49.7,49.7
80	57.04	83.92	94.77	73.76	43.94	71.77	90.96	84.36	75- 80	50.47	1545	51.3,51.3
85	19.93	44.79	51.04	37.94	9.230	36.70	47.52	44.97	80- 85	30.61	1576	52.4,52.4
90	4.084	6.266	7.310	2.643	2.716	2.211	4.086	6.210	85- 90	11.70	1588	52.7,52.7
95	5.858	37.83	45.00	34.43	32.24	31.02	41.52	37.59	90- 95	10.60	1598	53.1,53.1
100	42.48	69.97	82.70	66.52	63.65	60.11	78.96	69.51	95-100	27.23	1626	54.54
105	81.81	103.1	120.4	99.24	101.2	90.13	116.4	102.6	100-105	44.83	1670	55.5,55.5
110	121.1	137.5	158.1	133.3	144.5	122.0	153.8	137.0	105-110	62.28	1733	57.6,57.6
115	162.3	173.5	195.8	170.4	174.0	154.6	191.3	173.2	110-115	78.50	1811	60.2,60.2
120	204.2	211.0	233.5	212.3	218.0	185.0	228.7	211.2	115-120	93.22	1904	63.3,63.3
125	246.5	250.0	271.2	260.4	243.0	220.9	266.1	250.4	120-125	105.5	2010	66.8,66.8
130	288.1	279.7	308.9	298.6	277.8	257.7	303.6	280.3	125-130	115.0	2125	70.6,70.6
135	328.2	309.7	346.5	331.4	293.9	301.5	341.0	310.1	130-135	120.6	2245	74.6,74.6
140	367.2	340.4	370.2	363.1	355.3	356.0	365.3	340.4	135-140	123.7	2369	78.7,78.7
145	403.9	371.1	393.8	402.4	417.1	400.9	389.5	371.4	140-145	123.2	2492	82.8,82.8
150	438.3	401.9	417.4	431.3	443.3	428.1	413.8	402.3	145-150	118.1	2611	86.7,86.7
155	470.2	431.9	441.0	458.4	507.7	455.0	438.1	432.1	150-155	109.8	2720	90.4,90.4
160	497.9	459.7	464.6	483.2	535.0	481.1	462.3	460.0	155-160	97.33	2818	93.6,93.6
165	519.6	487.2	488.2	506.2	549.8	504.6	486.6	487.0	160-165	80.60	2898	96.3,96.3
170	537.5	512.9	511.8	526.8	558.6	526.1	510.9	513.1	165-170	60.70	2959	98.3,98.3
175	550.7	537.0	535.5	544.3	562.3	544.4	535.1	537.0	170-175	38.06	2997	99.6,99.6
180	559.1	559.1	559.1	559.1	559.4	559.4	559.4	559.4	175-180	13.11	3010	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G(°)	C0/180	C90/270
85	1184	3031
80	1700	2825
75	1961	2770
70	2147	2758
65	2291	2767
60	2414	2792
55	2520	2828
50	2611	2876
45	2697	2934

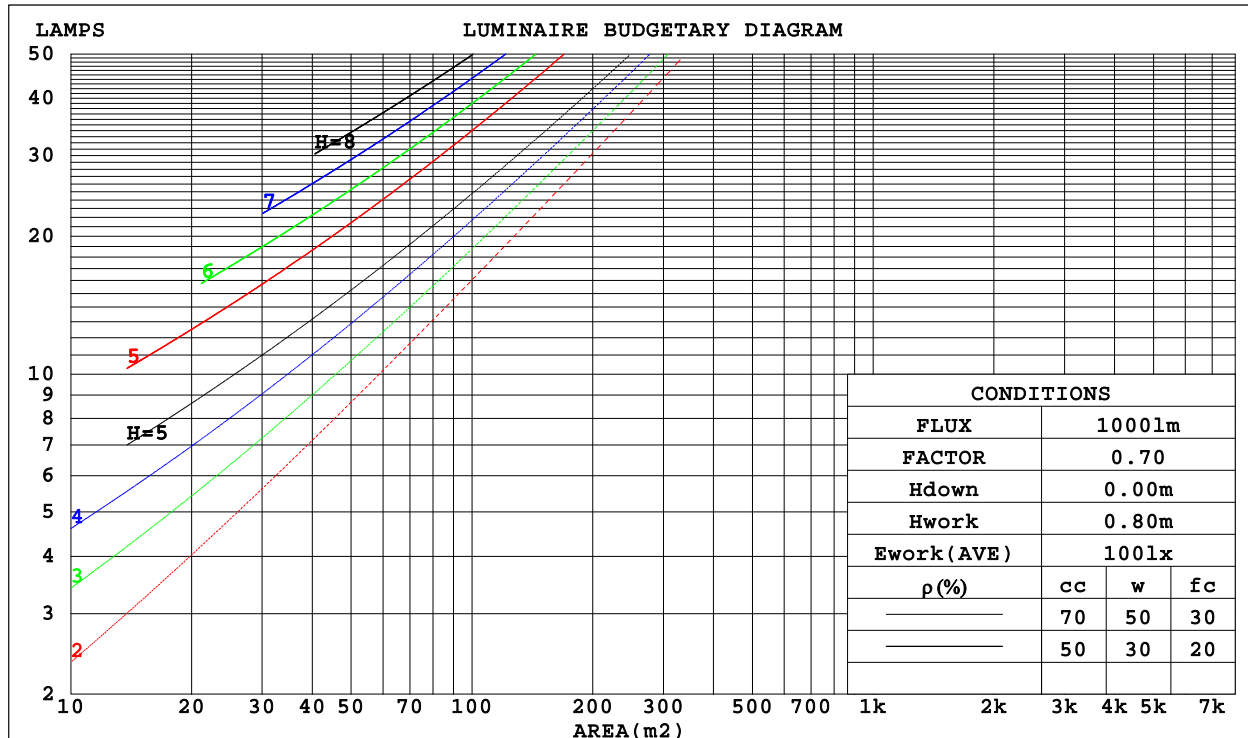
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 26.3DEG  
Operators: Ethan  
Test Date: 2021-08-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
Humidity: 36%  
Test Distance: 6.770m [K=1.0000]  
Remarks: 聚鑫德源 AI40D2C-421000  
源磊A+ 13S5P/13S10P  
E款 5:5

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.3V I:0.2150A P:25.70W PF:0.9920 Lamp Flux:3010.08x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:3000K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:

$\rho_{cc}$	80%			70%			50%			30%			10%			0	
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
$\rho_{fc}$	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)										
0.0	1.08	1.08	1.08	.00	.00	.00	.85	.85	.85	.71	.71	.71	.59	.59	.59	.53	
1.0	.94	.90	.86	.87	.83	.80	.74	.71	.69	.62	.60	.59	.51	.50	.49	.44	
2.0	.81	.75	.70	.76	.70	.65	.64	.60	.57	.54	.51	.49	.45	.43	.41	.36	
3.0	.71	.64	.58	.66	.60	.54	.57	.52	.47	.48	.44	.41	.40	.37	.34	.30	
4.0	.63	.55	.49	.59	.51	.46	.50	.45	.40	.42	.38	.35	.35	.32	.30	.26	
5.0	.56	.48	.42	.52	.45	.39	.45	.39	.35	.38	.34	.30	.32	.28	.26	.22	
6.0	.50	.42	.36	.47	.40	.34	.40	.35	.30	.34	.30	.26	.29	.25	.23	.20	
7.0	.45	.37	.32	.42	.35	.30	.37	.31	.27	.31	.27	.23	.26	.23	.20	.17	
8.0	.41	.33	.28	.39	.31	.26	.33	.28	.24	.29	.24	.21	.24	.21	.18	.16	
9.0	.38	.30	.25	.35	.28	.24	.31	.25	.21	.26	.22	.19	.22	.19	.16	.14	
10.0	.35	.27	.22	.32	.26	.21	.28	.23	.19	.24	.20	.17	.21	.17	.15	.13	



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 26.3DEG  
 Operators: Ethan  
 Test Date: 2021-08-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
 Humidity: 36%  
 Test Distance: 6.770m [K=1.0000]  
 Remarks: 聚鑫德源 AI40D2C-421000  
 源磊A+ 13S5P/13S10P  
 E款 5:5

## WEC AND CCEC

Test:U:120.3V I:0.2150A P:25.70W PF:0.9920 Lamp Flux:3010.08x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:3000K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Wall Exitance Coefficients(WEC)												
0.0																
1.0	.290	.165	.052	.269	.154	.049	.229	.132	.042	.193	.111	.036	.159	.092	.030	
2.0	.269	.147	.045	.249	.137	.042	.213	.118	.037	.180	.101	.032	.149	.084	.026	
3.0	.247	.132	.039	.230	.123	.037	.197	.107	.032	.166	.091	.028	.137	.076	.024	
4.0	.228	.119	.035	.212	.111	.033	.182	.096	.029	.153	.082	.025	.127	.069	.021	
5.0	.211	.108	.031	.196	.101	.029	.168	.088	.026	.142	.075	.022	.118	.063	.019	
6.0	.196	.098	.028	.182	.092	.027	.156	.080	.023	.132	.069	.020	.110	.058	.017	
7.0	.183	.090	.026	.170	.085	.024	.146	.074	.021	.124	.063	.018	.102	.053	.016	
8.0	.171	.083	.023	.159	.078	.022	.137	.068	.020	.116	.059	.017	.096	.049	.014	
9.0	.160	.077	.022	.149	.073	.020	.128	.064	.018	.109	.055	.016	.090	.046	.013	
10.0	.151	.072	.020	.141	.068	.019	.121	.059	.017	.103	.051	.015	.085	.043	.012	

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)										
0.0	.550	.550	.550	.470	.470	.470	.321	.321	.321	.184	.184	.184	.059	.059	.059		
1.0	.542	.519	.499	.464	.446	.429	.317	.307	.297	.183	.177	.173	.058	.057	.056		
2.0	.535	.497	.466	.458	.428	.403	.314	.296	.281	.181	.172	.165	.058	.056	.054		
3.0	.528	.482	.445	.452	.415	.386	.310	.289	.271	.179	.169	.159	.058	.055	.052		
4.0	.521	.470	.430	.447	.406	.374	.307	.283	.263	.178	.166	.156	.057	.054	.051		
5.0	.514	.460	.420	.441	.398	.366	.304	.278	.258	.176	.163	.153	.057	.053	.050		
6.0	.508	.453	.413	.436	.392	.360	.301	.274	.255	.175	.161	.151	.056	.053	.050		
7.0	.502	.446	.408	.432	.387	.355	.298	.271	.252	.173	.160	.150	.056	.052	.050		
8.0	.496	.441	.404	.427	.383	.352	.295	.269	.250	.172	.159	.149	.056	.052	.049		
9.0	.490	.437	.401	.422	.379	.349	.293	.266	.248	.171	.157	.148	.055	.052	.049		
10.0	.485	.433	.398	.418	.376	.347	.290	.265	.247	.169	.156	.147	.055	.051	.049		

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:26.3DEG  
 Operators:Ethan  
 Test Date:2021-08-16

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
 Humidity:36%  
 Test Distance:6.770m [K=1.0000]  
 Remarks: 聚鑫德源 AI40D2C-421000  
 源磊A+ 13S5P/13S10P  
 E款 5:5

## Uncorrected UGR Table

Test:U:120.3V I:0.2150A P:25.70W PF:0.9920 Lamp Flux:3010.08x1 lm											
NAME: 二代线条灯					TYPE:上下发光 白色外壳			WEIGHT:			
DIM.: 2FT					SPEC.:3000K			SERIAL No.:YQ2107-7			
MFR.: YQ					SUR.:0.171*1.13m			PROTECTION 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	12H	12.7	13.7	13.5	14.5	15.6	13.7	14.7	14.5	15.5	16.5
	8H	14.0	14.9	14.9	15.8	16.9	15.3	16.2	16.2	17.1	18.2
	6H	14.5	15.4	15.4	16.2	17.3	16.1	16.9	16.9	17.8	18.9
	4H	14.9	15.6	15.7	16.5	17.6	16.7	17.5	17.6	18.3	19.5
	3H	14.9	15.7	15.8	16.6	17.7	16.9	17.7	17.8	18.6	19.7
	2H	14.9	15.6	15.8	16.5	17.7	17.1	17.8	18.0	18.7	19.9
4H	12H	13.4	14.2	14.2	15.1	16.2	14.1	14.9	15.0	15.8	16.9
	8H	14.9	15.6	15.8	16.5	17.6	15.9	16.6	16.8	17.5	18.7
	6H	15.5	16.1	16.4	17.1	18.3	16.8	17.4	17.7	18.4	19.5
	4H	16.0	16.5	16.9	17.5	18.7	17.6	18.1	18.5	19.1	20.3
	3H	16.1	16.6	17.0	17.5	18.8	17.9	18.4	18.9	19.4	20.6
	2H	16.1	16.6	17.1	17.6	18.8	18.2	18.6	19.1	19.6	20.8
8H	12H	15.8	16.4	16.8	17.3	18.5	17.0	17.5	17.9	18.4	19.7
	8H	16.5	16.9	17.5	17.9	19.1	17.9	18.3	18.9	19.3	20.6
	6H	16.7	17.1	17.7	18.1	19.4	18.4	18.7	19.4	19.7	21.0
	4H	16.9	17.2	17.9	18.2	19.5	18.7	19.1	19.8	20.1	21.4
12H	8H	15.9	16.3	16.8	17.3	18.5	16.9	17.4	17.9	18.4	19.6
	6H	16.6	17.0	17.6	17.9	19.2	17.9	18.3	18.9	19.3	20.6
	4H	16.9	17.2	17.9	18.2	19.5	18.4	18.7	19.4	19.8	21.0
Variations with the observer position at spacings:											
S = 1.0H		+ 0.2 / - 0.1					+ 0.1 / - 0.2				
1.5H		+ 0.1 / - 0.1					+ 0.2 / - 0.3				
2.0H		+ 0.2 / - 0.2					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 3010 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.8)

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:26.3DEG  
 Operators:Ethan  
 Test Date:2021-08-16

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
 Humidity:36%  
 Test Distance:6.770m [K=1.0000]  
 Remarks: 聚鑫德源 AI40D2C-421000  
 源磊A+ 13S5P/13S10P  
 E款 5:5

## UTILIZATION FACTORS TABLE

Test:U:120.3V I:0.2150A P:25.70W PF:0.9920 Lamp Flux:3010.08x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:3000K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:

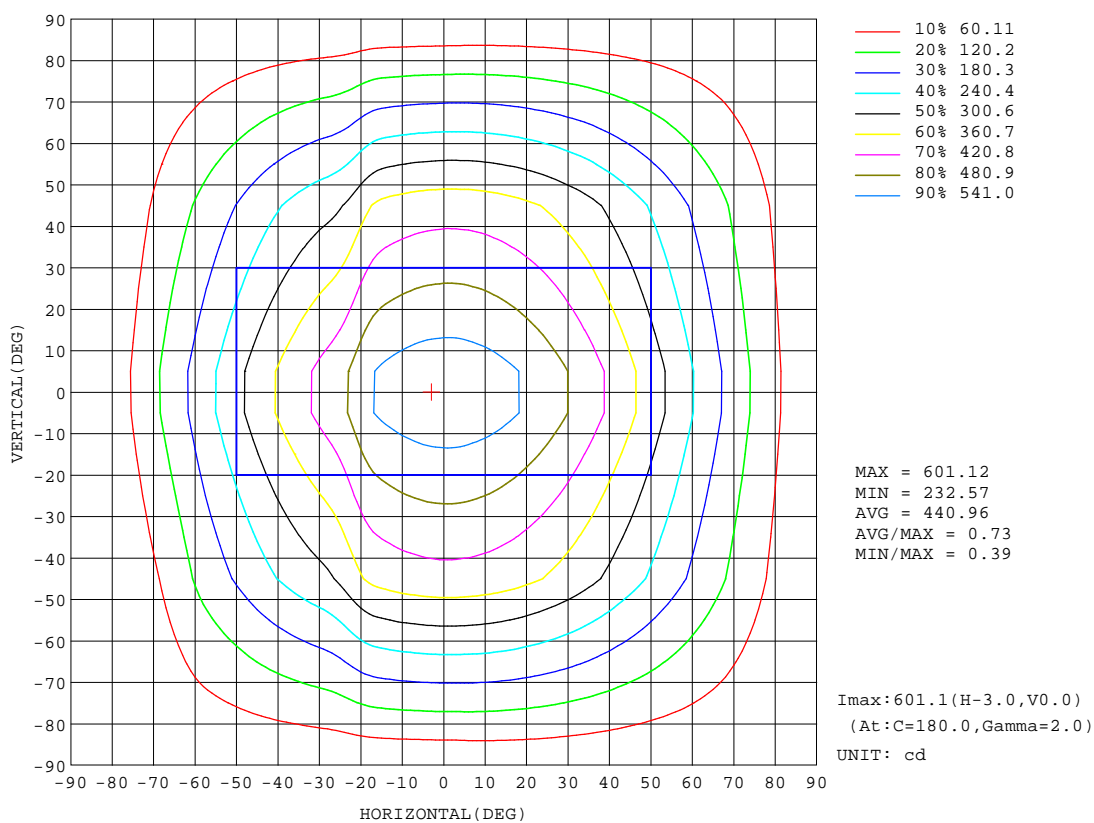
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	44	33	27	42	32	26	38	29	24	17
0.80	54	42	35	51	40	34	45	37	31	21
1.00	62	50	43	58	48	41	51	44	37	26
1.25	69	57	50	64	54	48	56	49	43	30
1.50	74	63	56	69	59	53	60	53	48	32
2.00	81	71	64	75	67	61	65	59	54	36
2.50	85	77	70	79	72	66	68	63	58	39
3.00	89	81	75	82	76	70	71	66	62	41
4.00	93	87	81	86	81	76	74	70	67	43
5.00	96	90	86	89	84	80	76	73	70	45
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: HIGH  
 Temperature:26.3DEG  
 Operators:Ethan  
 Test Date:2021-08-16

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
 Humidity:36%  
 Test Distance:6.770m [K=1.0000]  
 Remarks: 聚鑫德源 AI40D2C-421000  
 源磊A+ 13S5P/13S10P  
 E款 5:5

## ISOCANDELA DIAGRAM

Test:U:120.3V I:0.2150A P:25.70W PF:0.9920 Lamp Flux:3010.08x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:3000K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:



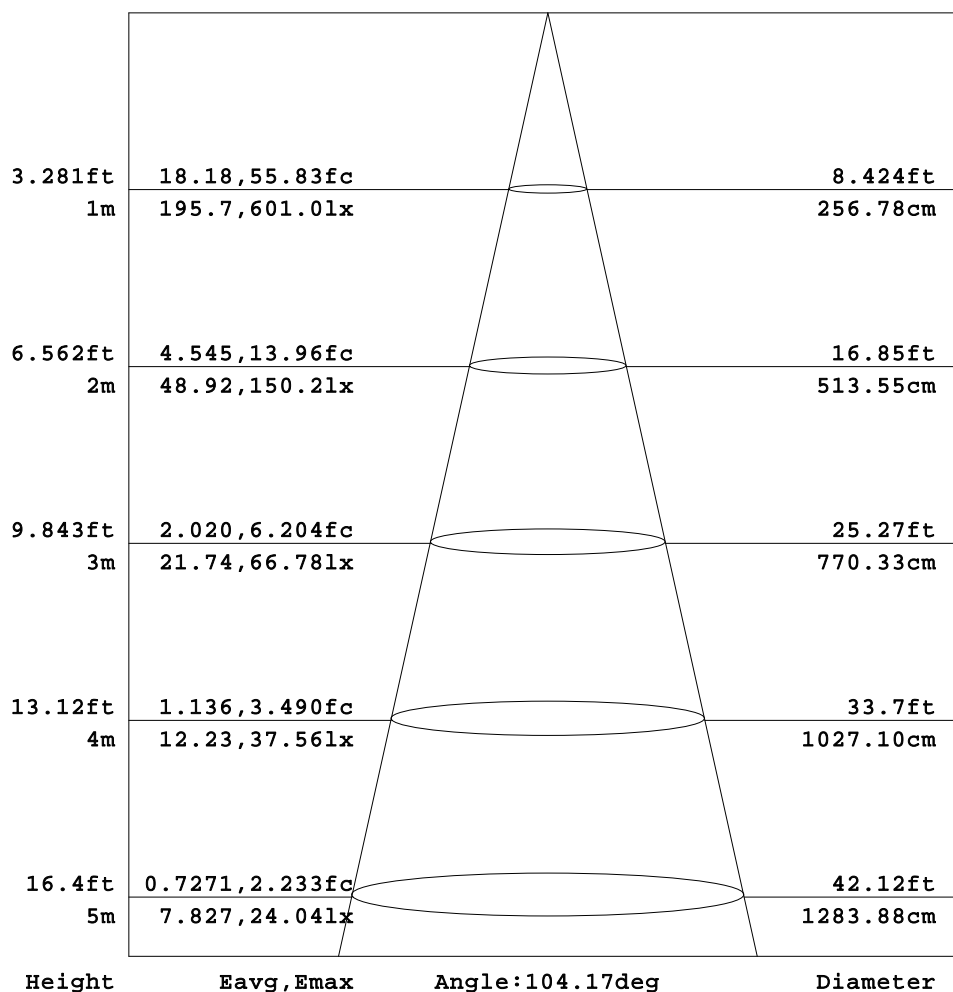
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:26.3DEG  
Operators:Ethan  
Test Date:2021-08-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
Humidity:36%  
Test Distance:6.770m [K=1.0000]  
Remarks: 聚鑫德源 AI40D2C-421000  
源磊A+ 13S5P/13S10P  
E款 5:5

### AAI Figure

Test:U:120.3V I:0.2150A P:25.70W PF:0.9920 Lamp Flux:3010.08x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:3000K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:

Flux out:1044 lm



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

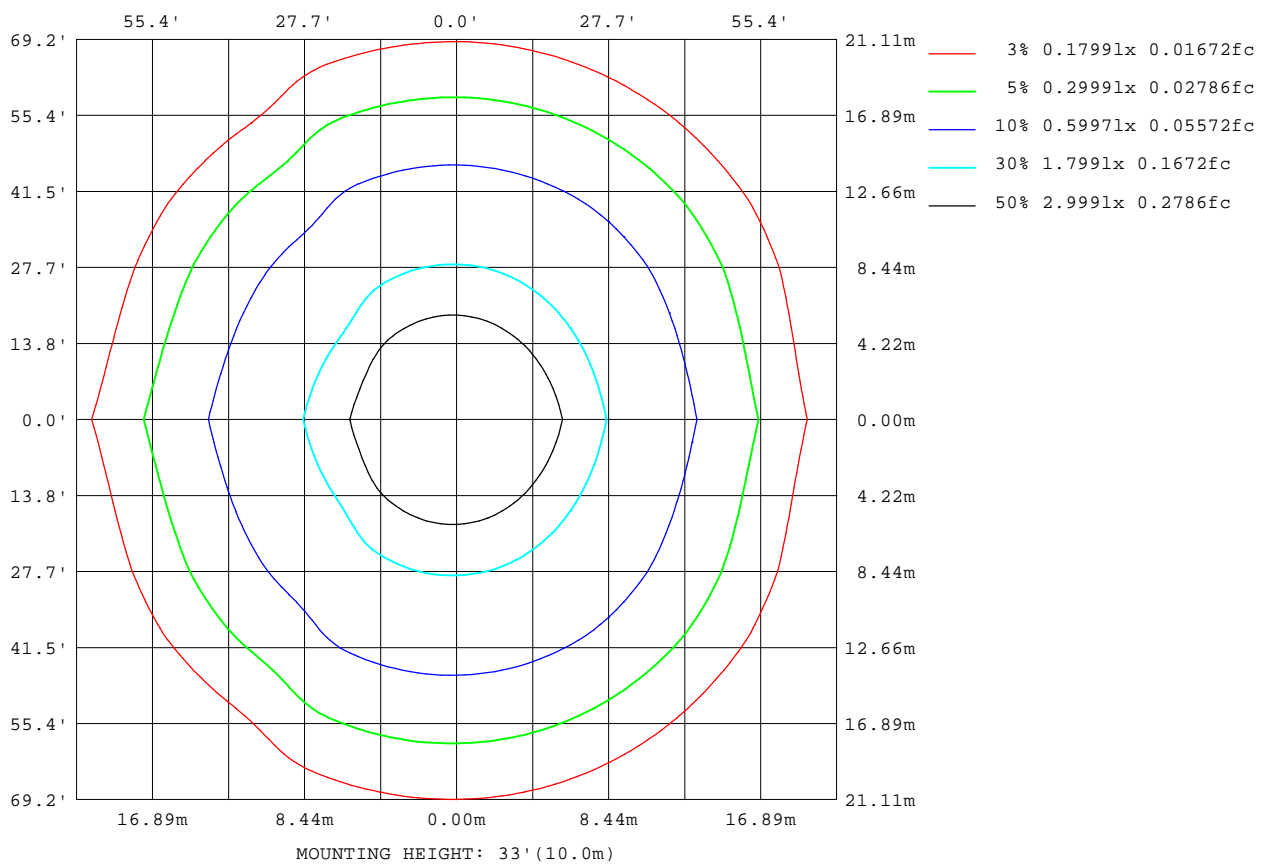
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 26.3DEG  
Operators: Ethan  
Test Date: 2021-08-16

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
Humidity: 36%  
Test Distance: 6.770m [K=1.0000]  
Remarks: 聚鑫德源 AI40D2C-421000  
源磊 A+ 13S5P/13S10P  
E款 5:5



## ISOLUX DIAGRAM

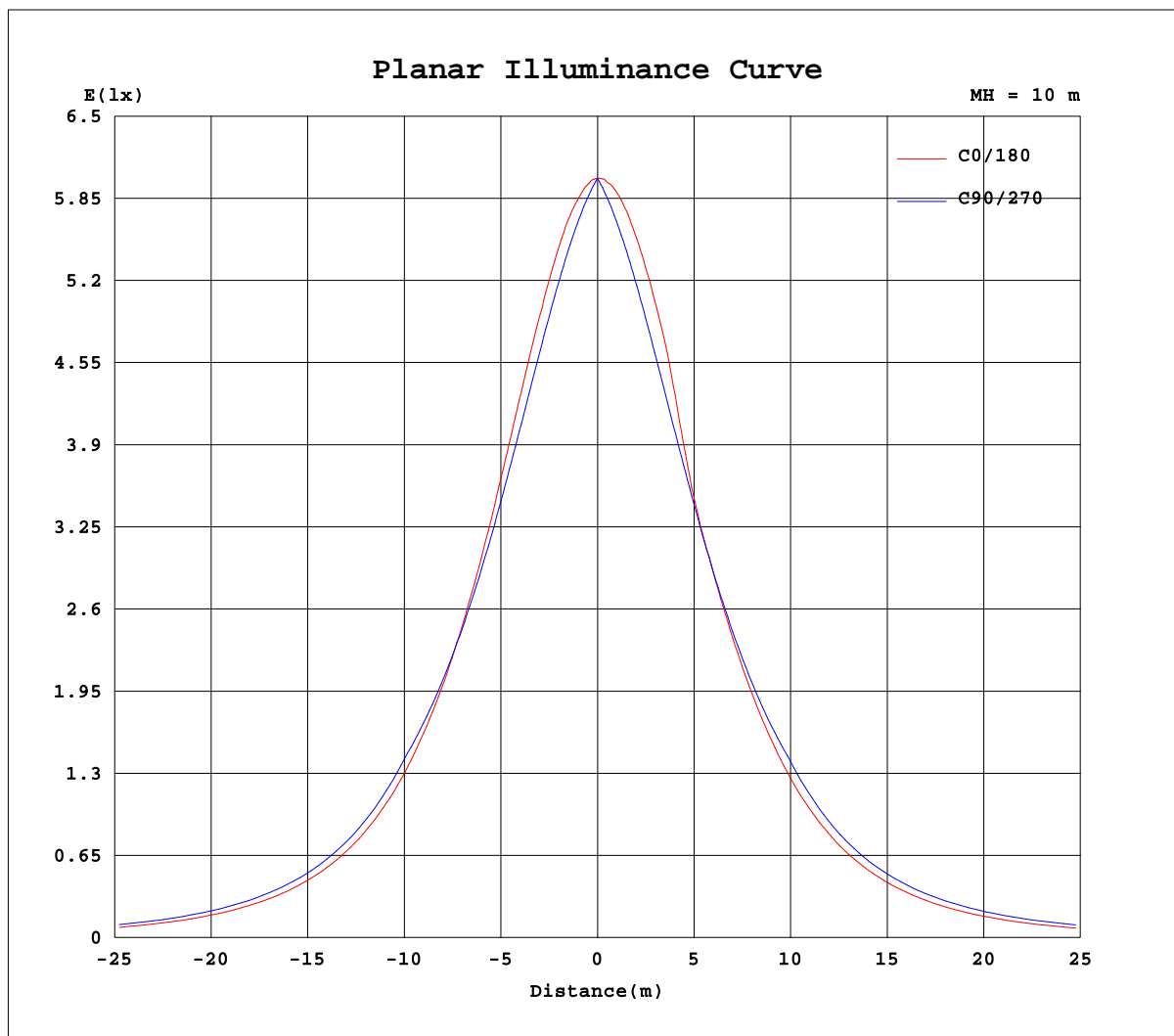
Test:U:120.3V I:0.2150A P:25.70W PF:0.9920 Lamp Flux:3010.08x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:3000K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 26.3DEG  
Operators: Ethan  
Test Date: 2021-08-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
Humidity: 36%  
Test Distance: 6.770m [K=1.0000]  
Remarks: 聚鑫德源 AI40D2C-421000  
源磊A+ 13S5P/13S10P  
E款 5:5

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 26.3DEG  
Operators: Ethan  
Test Date: 2021-08-16

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
Humidity: 36%  
Test Distance: 6.770m [K=1.0000]  
Remarks: 聚鑫德源 AI40D2C-421000  
源磊A+ 13S5P/13S10P  
E款 5:5

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.3V I:0.2150A P:25.70W PF:0.9920 Lamp Flux:3010.08x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:3000K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION 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	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601
5	595	593	591	590	588	587	585	584	583	582	581	580	580	580	579	579	579	579	579
10	584	580	577	574	571	569	566	564	562	560	559	558	557	557	556	556	556	556	557
15	567	561	556	552	548	545	542	540	538	536	535	535	534	533	533	533	533	534	534
20	545	538	532	527	522	519	516	513	512	510	510	509	509	509	510	510	511	511	512
25	517	509	502	496	492	489	486	484	483	483	483	483	484	485	486	487	488	489	490
30	485	476	468	463	458	456	454	453	453	454	455	457	459	460	462	464	465	466	468
35	450	439	431	426	422	420	419	420	422	424	427	430	433	436	438	441	442	444	445
40	411	400	392	386	384	383	384	386	389	394	398	402	407	411	414	418	420	422	423
45	369	357	350	345	344	344	347	352	357	363	369	375	381	386	391	394	397	399	401
50	324	313	306	303	303	306	310	317	324	332	340	348	352	353	354	355	355	356	357
55	279	268	262	260	262	267	274	283	292	301	303	305	306	308	310	311	312	313	313
60	233	222	217	218	222	229	239	250	252	255	257	260	262	264	266	267	269	269	270
65	187	177	174	177	184	194	201	203	206	209	213	216	219	221	223	224	226	226	226
70	142	133	132	139	148	153	156	159	162	166	169	173	175	178	180	181	182	182	182
75	98.1	90.7	93.5	102	107	110	114	117	121	124	127	130	133	135	137	138	139	139	139
80	57.0	52.7	60.0	64.1	68.2	72.4	75.6	78.6	81.2	83.9	86.5	89.0	91.2	93.0	94.4	95.4	95.9	95.7	94.8
85	19.9	21.2	27.7	32.1	35.2	38.1	40.0	41.7	43.1	44.8	46.5	48.2	49.7	51.1	52.1	52.7	52.8	52.3	51.0
90	4.08	4.81	5.19	5.48	5.72	5.83	5.88	5.87	5.89	6.27	7.06	7.80	8.59	9.35	9.91	10.0	9.80	8.99	7.31
95	5.86	8.28	19.4	26.0	29.3	31.5	33.5	35.0	36.3	37.8	39.6	41.2	42.7	44.1	45.3	46.0	46.3	46.1	45.0
100	42.5	38.6	45.8	52.0	55.6	59.3	62.4	65.1	67.5	70.0	72.5	74.9	77.1	79.1	80.9	82.1	82.9	83.2	82.7
105	81.8	74.6	76.8	83.1	86.5	90.5	93.7	96.8	99.9	103	106	109	112	114	117	118	120	120	120
110	121	112	110	114	122	125	128	131	134	137	141	144	147	150	153	155	156	158	158
115	162	152	148	149	153	160	165	167	170	173	177	180	183	186	189	191	193	195	196
120	204	193	187	186	188	192	199	206	208	211	214	217	220	223	226	228	230	232	233
125	247	235	227	224	224	227	231	237	244	250	252	255	257	260	263	265	267	269	271
130	288	276	268	263	262	262	265	269	274	280	286	292	295	298	300	302	304	307	309
135	328	316	308	302	299	299	300	302	305	310	314	319	324	329	333	337	341	344	347
140	367	356	347	341	337	335	334	335	337	340	344	348	351	355	358	362	365	368	370
145	404	393	385	378	373	370	369	369	370	371	373	376	378	381	383	386	389	391	394
150	438	429	421	414	409	406	403	402	402	402	403	404	405	407	409	411	413	415	417
155	470	462	454	448	443	439	436	434	433	432	431	431	432	433	434	436	437	439	441
160	498	491	484	479	474	470	467	464	461	460	459	458	459	459	460	461	462	463	465
165	520	514	509	504	500	496	493	491	489	487	486	485	485	485	485	485	486	487	488
170	538	534	530	527	523	521	518	516	514	513	512	511	510	510	510	510	510	511	512
175	551	549	547	545	543	542	540	539	538	537	536	536	535	535	535	535	535	535	535
180	559	559	559	559	559	559	559	559	559	559	559	559	559	559	559	559	559	559	559

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:26.3DEG  
Operators:Ethan  
Test Date:2021-08-16

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
Humidity:36%  
Test Distance:6.770m [K=1.0000]  
Remarks: 聚鑫德源 AI40D2C-421000  
源磊A+ 13S5P/13S10P  
E款 5:5

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.3V I:0.2150A P:25.70W PF:0.9920 Lamp Flux:3010.08x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:3000K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION 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	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601
5	579	579	580	580	581	581	582	583	585	586	587	589	590	592	594	596	597	599	597
10	557	557	558	558	560	561	562	564	566	567	569	572	575	578	581	584	587	591	587
15	535	535	536	536	538	538	540	541	543	545	548	551	554	558	562	567	572	578	572
20	512	513	513	514	514	515	516	517	518	521	523	526	529	533	537	543	549	556	548
25	490	490	491	490	490	491	490	491	492	492	492	489	486	485	485	489	494	502	493
30	468	468	467	466	466	465	464	463	459	450	440	434	431	433	438	445	454	464	453
35	445	445	444	443	441	439	436	427	412	398	392	391	394	398	404	411	421	432	420
40	423	422	421	419	416	412	401	382	365	358	357	357	359	362	367	375	384	397	384
45	401	400	397	394	391	382	362	340	329	326	324	323	323	325	329	335	344	357	344
50	358	357	358	357	356	345	322	304	299	295	292	288	286	285	287	292	301	314	300
55	314	313	313	312	309	292	273	268	269	265	259	253	248	245	245	248	256	269	256
60	270	269	269	268	262	243	230	229	228	227	226	218	210	205	203	204	211	224	210
65	226	225	225	224	215	198	190	189	188	186	183	180	174	166	161	158	163	177	164
70	182	181	181	179	170	156	152	150	148	146	142	138	135	128	115	111	116	131	120
75	138	138	137	135	127	116	114	113	111	108	104	100	95.6	84.0	72.9	67.8	71.2	85.6	76.3
80	94.4	93.9	93.3	91.9	85.0	78.5	77.0	75.5	73.8	71.3	68.5	65.5	59.2	49.2	39.8	31.5	32.8	43.9	37.6
85	50.6	50.2	49.7	48.6	44.5	41.3	40.1	39.0	37.9	36.5	35.1	33.2	28.9	23.4	17.9	11.8	6.23	9.23	8.40
90	6.88	6.56	6.11	5.45	4.59	4.32	3.54	2.95	2.64	2.51	2.69	2.55	2.48	2.51	2.58	2.66	2.71	2.72	2.74
95	44.9	44.8	44.5	44.0	43.2	42.5	39.2	35.7	34.4	33.6	32.8	31.5	33.2	30.9	29.3	27.4	26.9	32.2	14.4
100	82.9	83.0	83.0	82.6	81.9	81.1	75.7	69.1	66.5	65.5	63.6	62.1	64.1	62.7	59.3	59.4	57.1	63.6	43.4
105	121	121	121	121	121	120	114	104	99.2	98.6	95.8	95.2	92.9	99.8	95.8	92.4	95.8	101	84.1
110	159	159	160	160	160	159	154	141	133	133	130	129	128	130	130	130	136	144	126
115	197	198	198	199	199	199	195	182	170	167	168	165	163	161	160	164	168	174	164
120	235	236	237	238	238	239	238	227	212	204	204	197	195	195	197	203	212	218	204
125	273	274	276	277	278	279	280	275	260	243	230	219	218	225	232	239	250	243	230
130	311	312	314	316	317	319	319	312	299	283	269	255	244	235	243	258	273	278	262
135	348	349	350	350	349	348	347	340	331	322	312	304	294	285	279	275	274	294	284
140	372	373	374	374	374	374	374	373	363	356	351	347	345	345	345	346	351	355	344
145	396	397	398	399	400	401	401	402	402	395	385	382	382	384	388	394	403	417	403
150	419	421	422	423	425	426	428	429	431	434	435	430	423	419	421	425	431	443	433
155	443	444	446	447	449	451	453	455	458	461	465	469	474	480	485	489	495	508	499
160	466	468	469	471	473	475	478	480	483	487	490	495	500	505	511	518	525	535	527
165	489	491	492	494	496	498	501	503	506	510	513	517	521	526	531	536	542	550	543
170	513	514	515	516	518	520	522	524	527	529	532	535	538	542	546	549	553	559	554
175	536	537	537	538	539	540	542	543	544	546	548	549	551	553	555	557	559	562	560
180	559	559	559	559	559	559	559	559	559	559	559	559	559	559	559	559	559	559	559

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:26.3DEG  
Operators:Ethan  
Test Date:2021-08-16

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
Humidity:36%  
Test Distance:6.770m [K=1.0000]  
Remarks: 聚鑫德源 AI40D2C-421000  
源磊A+ 13S5P/13S10P  
E款 5:5

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.3V I:0.2150A P:25.70W PF:0.9920 Lamp Flux:3010.08x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:3000K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:

Table--3

UNIT: cd

C(°) \ γ (°)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601
5	595	594	592	590	589	587	586	584	583	582	581	580	580	579	579	578	578	578	578
10	584	580	577	575	572	569	566	565	563	561	560	559	557	556	556	556	555	555	555
15	567	562	557	553	550	547	544	542	540	538	537	536	535	534	533	533	532	532	532
20	542	536	532	528	524	521	519	516	515	514	512	512	511	511	510	510	509	509	509
25	487	482	481	482	484	487	489	489	489	488	487	487	487	487	487	487	487	486	485
30	444	436	430	426	427	432	441	451	458	461	461	462	463	463	464	464	464	463	462
35	410	402	396	391	388	386	389	400	416	429	435	437	438	440	441	441	441	440	439
40	374	366	360	357	354	353	352	356	368	389	405	411	413	416	417	418	418	417	416
45	334	327	323	321	320	320	322	323	328	344	369	384	389	391	394	395	395	395	393
50	291	285	283	283	284	287	290	293	296	305	327	347	351	351	352	352	352	352	351
55	247	242	242	244	248	253	259	263	263	263	275	297	307	307	308	308	308	308	308
60	203	200	202	206	213	221	222	223	223	223	229	249	262	263	264	264	265	265	264
65	159	159	164	170	175	178	182	183	185	185	187	203	218	220	221	221	221	222	221
70	117	120	127	132	135	138	142	145	147	148	149	159	173	176	177	177	178	178	178
75	77.5	84.3	89.4	93.8	97.8	101	105	108	110	111	111	118	130	133	133	134	134	135	135
80	42.9	49.9	55.4	59.9	63.7	66.6	69.2	71.8	73.3	74.2	74.6	78.4	86.7	89.3	89.8	90.1	91.0	91.7	91.9
85	16.7	23.0	27.1	30.0	32.2	33.9	35.3	36.7	37.6	38.1	38.4	40.1	44.5	46.0	46.3	46.6	47.5	48.4	48.9
90	2.63	2.34	2.32	2.27	2.27	2.14	2.10	2.21	2.28	2.26	2.25	2.27	2.57	2.73	2.90	3.07	4.09	5.14	5.92
95	14.7	21.2	25.4	31.6	31.8	30.1	30.5	31.0	32.0	32.5	35.8	40.7	40.4	40.3	40.4	40.6	41.5	42.4	42.8
100	38.4	45.8	53.7	63.2	61.9	57.6	59.4	60.1	61.8	63.1	70.5	79.1	78.1	77.8	77.9	78.2	79.0	79.6	79.7
105	77.9	79.8	93.2	95.1	91.9	86.3	89.2	90.1	91.5	94.5	107	118	116	115	115	116	116	117	117
110	117	123	131	128	118	119	120	122	122	128	148	156	154	153	153	153	154	154	154
115	161	159	157	152	150	152	151	155	154	165	191	194	192	191	191	191	191	191	191
120	193	184	179	179	181	185	187	185	190	208	234	232	229	228	228	228	229	229	228
125	222	216	212	204	207	214	219	221	231	261	275	270	267	266	266	266	266	266	265
130	246	234	233	236	242	248	251	258	279	312	313	308	305	304	304	304	304	303	303
135	278	274	276	281	285	287	289	302	330	343	340	339	339	339	340	341	341	340	339
140	338	334	332	329	326	326	335	356	370	369	367	366	365	365	366	366	365	364	363
145	391	381	373	368	368	377	393	401	398	395	393	393	391	391	391	390	390	389	387
150	424	418	418	423	431	435	432	428	425	422	420	419	417	416	416	415	414	413	412
155	492	487	480	474	468	463	459	455	452	449	447	444	443	442	440	439	438	437	436
160	519	511	505	499	494	489	485	481	478	474	472	470	468	466	465	464	462	461	460
165	537	531	526	521	516	512	508	505	502	499	496	494	492	490	489	488	487	486	485
170	550	546	542	539	535	532	529	526	524	521	519	517	516	514	513	512	511	510	510
175	558	556	554	552	550	548	546	544	543	542	540	539	538	537	537	536	535	535	535
180	559	559	559	559	559	559	559	559	559	559	559	559	559	559	559	559	559	559	559

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:26.3DEG  
Operators:Ethan  
Test Date:2021-08-16

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
Humidity:36%  
Test Distance:6.770m [K=1.0000]  
Remarks: 聚鑫德源 AI40D2C-421000  
源磊A+ 13S5P/13S10P  
E款 5:5

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.3V I:0.2150A P:25.70W PF:0.9920 Lamp Flux:3010.08x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:3000K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:

Table--4

UNIT: cd

C(°) γ (°)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601				
5	578	579	579	579	580	581	582	583	584	585	586	588	589	591	593				
10	555	555	556	556	557	558	560	561	563	566	568	571	573	576	580				
15	532	531	532	532	533	534	535	537	539	541	544	547	552	556	561				
20	508	508	508	507	508	508	509	511	512	515	518	522	526	532	538				
25	484	484	483	482	481	481	482	482	484	486	488	492	496	502	509				
30	461	459	458	456	455	454	453	453	452	453	455	458	462	468	476				
35	437	435	433	431	428	426	423	421	419	419	420	422	426	432	439				
40	414	411	408	404	401	397	393	389	386	384	383	384	387	392	400				
45	390	387	383	379	374	368	363	357	352	348	345	344	346	350	357				
50	351	351	350	350	347	340	333	325	318	311	307	304	303	306	313				
55	307	307	306	305	303	303	302	293	284	276	268	263	261	263	268				
60	264	263	262	260	259	257	255	253	252	241	232	224	220	218	223				
65	220	220	218	217	215	213	210	208	205	204	197	186	179	176	178				
70	177	176	175	173	172	169	167	164	161	158	156	152	142	134	134				
75	135	134	133	131	130	127	125	122	119	116	113	111	106	96.6	92.4				
80	91.7	91.2	90.4	89.3	88.0	86.2	84.4	82.3	79.9	77.3	74.6	70.8	67.5	64.3	55.3				
85	49.0	48.7	48.3	47.7	47.0	46.0	45.0	43.9	42.6	41.0	39.3	36.8	34.2	30.7	25.6				
90	6.25	6.36	6.36	6.31	6.24	6.21	6.21	6.31	6.28	6.19	6.12	6.09	6.12	6.17	6.23				
95	42.7	42.3	41.6	40.8	39.8	38.8	37.6	36.3	34.8	33.0	30.6	28.0	23.9	15.7	5.18				
100	79.2	78.3	77.0	75.5	73.7	71.8	69.5	67.1	64.3	61.2	57.2	53.0	48.1	39.7	33.8				
105	116	115	113	111	108	106	103	99.3	95.7	91.9	87.9	83.0	78.5	72.4	71.2				
110	153	151	149	146	144	140	137	133	130	126	122	117	110	107	109				
115	190	188	185	183	180	177	173	169	166	163	157	150	146	145	149				
120	227	225	223	220	217	214	211	208	205	197	190	185	183	185	191				
125	264	262	260	258	255	253	250	243	236	230	225	222	222	225	233				
130	301	300	298	296	293	287	280	274	269	264	261	260	262	266	274				
135	336	334	330	325	320	315	310	306	302	299	298	298	301	307	315				
140	361	358	355	352	348	344	340	338	335	334	334	336	340	346	355				
145	385	383	381	379	376	374	371	370	369	369	370	373	378	384	392				
150	410	408	407	405	404	403	402	402	402	403	405	409	414	420	428				
155	435	434	433	432	431	431	432	433	434	436	439	443	448	454	461				
160	460	459	459	458	458	459	460	462	464	467	470	474	479	484	490				
165	484	485	484	485	485	486	487	489	491	493	496	500	504	509	514				
170	509	509	510	510	511	512	513	515	516	518	521	524	527	530	533				
175	535	535	535	535	535	536	537	538	539	541	542	544	546	547	549				
180	559	559	559	559	559	559	559	559	559	559	559	559	559	559	559				

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:26.3DEG  
Operators:Ethan  
Test Date:2021-08-16

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.268  
Humidity:36%  
Test Distance:6.770m [K=1.0000]  
Remarks: 聚鑫德源 AI40D2C-421000  
源磊A+ 13S5P/13S10P  
E款 5:5