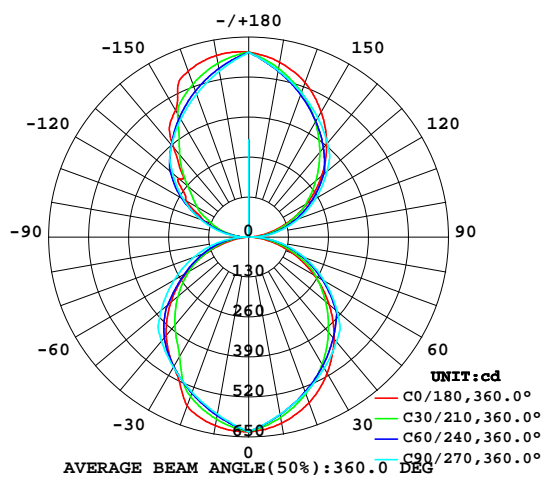


## LUMINAIRE PHOTOMETRIC TEST REPORT

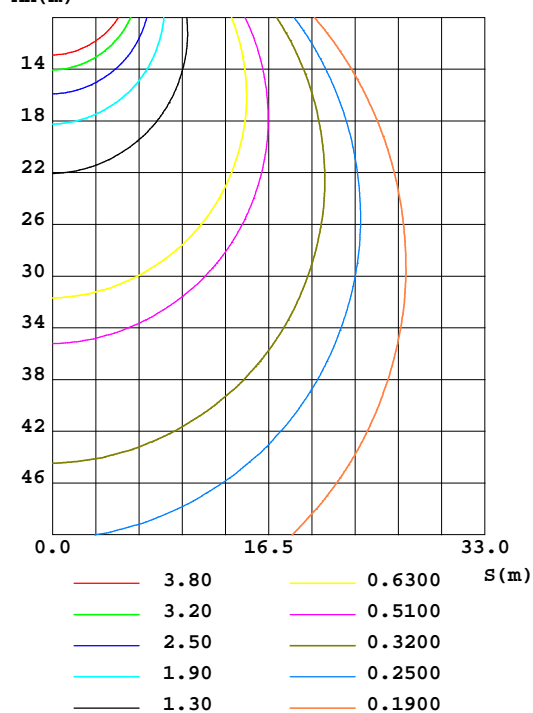
Test:U:120.2V I:0.2120A P:25.30W PF:0.9920 Lamp Flux:3199.98x1 lm					
NAME: 二代线条灯			TYPE:上下发光 白色外壳		WEIGHT:
DIM.: 2FT			SPEC.:3500K		SERIAL No.:YQ2107-7
MFR.: YQ			SUR.:0.171*1.13m		PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 126.48 lm/W			
MODEL		I <sub>max</sub> (cd)	632.9	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)	3200.0	η UP,DN(C0-180)	24.2,26.2
NOMINAL FLUX(lm)	3199.98	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	23.6,26.1
LAMPS INSIDE	1	η up(%)	47.7	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.3	η down(%)	52.3	CIBSE SHR MAX	1.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



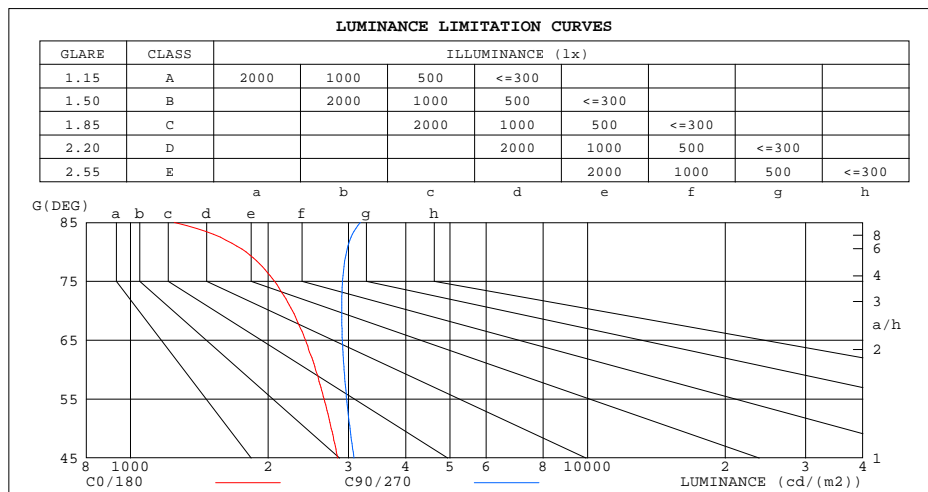
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:26.3DEG  
 Operators:Ethan  
 Test Date:2021-08-16

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	627.5	612.7	609.4	615.7	631.0	615.4	609.0	612.4	0- 5	14.86	14.86	0.46,0.46
10	614.2	589.7	585.9	595.2	622.7	594.5	585.0	589.3	5- 10	43.27	58.14	1.82,1.82
15	596.0	564.3	562.3	571.8	607.9	570.8	561.1	563.7	10- 15	69.23	127.4	3.98,3.98
20	574.0	536.8	538.8	546.1	584.3	544.5	537.2	536.2	15- 20	92.20	219.6	6.86,6.86
25	544.7	508.1	515.3	517.6	528.4	515.1	513.2	507.6	20- 25	111.3	330.9	10.3,10.3
30	510.9	478.0	491.8	482.5	488.1	475.4	489.3	477.7	25- 30	125.8	456.7	14.3,14.3
35	472.9	446.4	468.3	433.9	454.3	421.3	465.4	446.2	30- 35	136.5	593.2	18.5,18.5
40	432.7	414.2	444.8	384.8	417.6	374.5	441.4	414.5	35- 40	143.5	736.8	23,23
45	387.8	381.8	421.2	346.2	375.6	340.6	417.5	382.7	40- 45	146.8	883.6	27.6,27.6
50	341.7	350.0	375.3	314.2	330.4	309.6	371.7	351.1	45- 50	145.6	1029	32.2,32.2
55	293.9	317.0	329.3	283.2	283.7	278.7	325.9	319.0	50- 55	138.5	1168	36.5,36.5
60	245.5	267.7	283.4	239.6	235.1	235.4	280.1	269.8	55- 60	127.0	1295	40.5,40.5
65	197.2	220.2	237.4	197.5	186.4	193.9	234.2	221.8	60- 65	112.0	1407	44,44
70	149.6	174.3	191.5	156.1	138.2	153.0	188.4	176.1	65- 70	94.08	1501	46.9,46.9
75	103.3	130.4	145.5	116.1	90.25	113.9	142.6	131.8	70- 75	74.17	1575	49.2,49.2
80	60.06	88.23	99.59	77.62	46.31	75.95	96.79	89.26	75- 80	53.26	1628	50.9,50.9
85	21.00	47.06	53.64	39.93	9.797	38.85	50.97	47.76	80- 85	32.34	1661	51.9,51.9
90	4.344	6.656	7.696	2.830	2.911	2.362	5.158	6.884	85- 90	12.41	1673	52.3,52.3
95	6.278	40.71	48.33	37.11	34.71	33.11	45.02	40.36	90- 95	11.41	1684	52.6,52.6
100	45.66	75.35	88.96	71.70	68.47	64.15	84.88	74.44	95-100	29.25	1714	53.6,53.6
105	87.99	111.0	129.6	106.9	108.9	96.30	124.7	109.6	100-105	48.13	1762	55.1,55.1
110	130.3	148.1	170.2	143.6	155.3	130.5	164.6	146.3	105-110	66.86	1829	57.1,57.1
115	174.5	186.9	210.9	183.2	186.3	165.6	204.5	184.9	110-115	84.25	1913	59.8,59.8
120	219.7	227.3	251.5	228.5	234.5	198.9	244.3	225.2	115-120	100.1	2013	62.9,62.9
125	265.3	269.4	292.1	279.9	260.0	237.2	284.2	267.2	120-125	113.2	2126	66.4,66.4
130	309.3	301.3	332.8	321.0	296.1	276.8	324.0	299.1	125-130	123.4	2250	70.3,70.3
135	353.2	333.5	373.4	357.2	315.3	323.2	363.9	331.6	130-135	129.4	2379	74.3,74.3
140	394.8	366.4	398.7	391.1	379.9	382.3	390.2	364.6	135-140	132.8	2512	78.5,78.5
145	434.4	399.5	424.0	433.3	447.7	429.1	416.6	398.0	140-145	132.2	2644	82.6,82.6
150	471.1	432.5	449.2	464.1	476.1	458.4	442.9	430.9	145-150	126.8	2771	86.6,86.6
155	505.2	464.9	474.5	493.1	544.9	487.8	469.2	463.2	150-155	117.9	2889	90.3,90.3
160	535.2	494.6	499.8	520.0	574.5	515.5	495.5	493.2	155-160	104.5	2993	93.5,93.5
165	558.8	523.8	525.1	544.5	590.4	541.4	521.9	522.6	160-165	86.58	3080	96.2,96.2
170	577.4	551.9	550.4	566.3	600.1	564.7	548.2	551.0	165-170	65.21	3145	98.3,98.3
175	591.7	577.1	575.7	585.4	603.7	584.7	574.5	576.8	170-175	40.89	3186	99.6,99.6
180	600.9	600.9	600.9	600.9	600.9	600.9	600.9	600.9	175-180	14.09	3200	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1247	3186
80	1790	2969
75	2066	2911
70	2264	2898
65	2415	2908
60	2541	2934
55	2652	2972
50	2751	3022
45	2839	3083

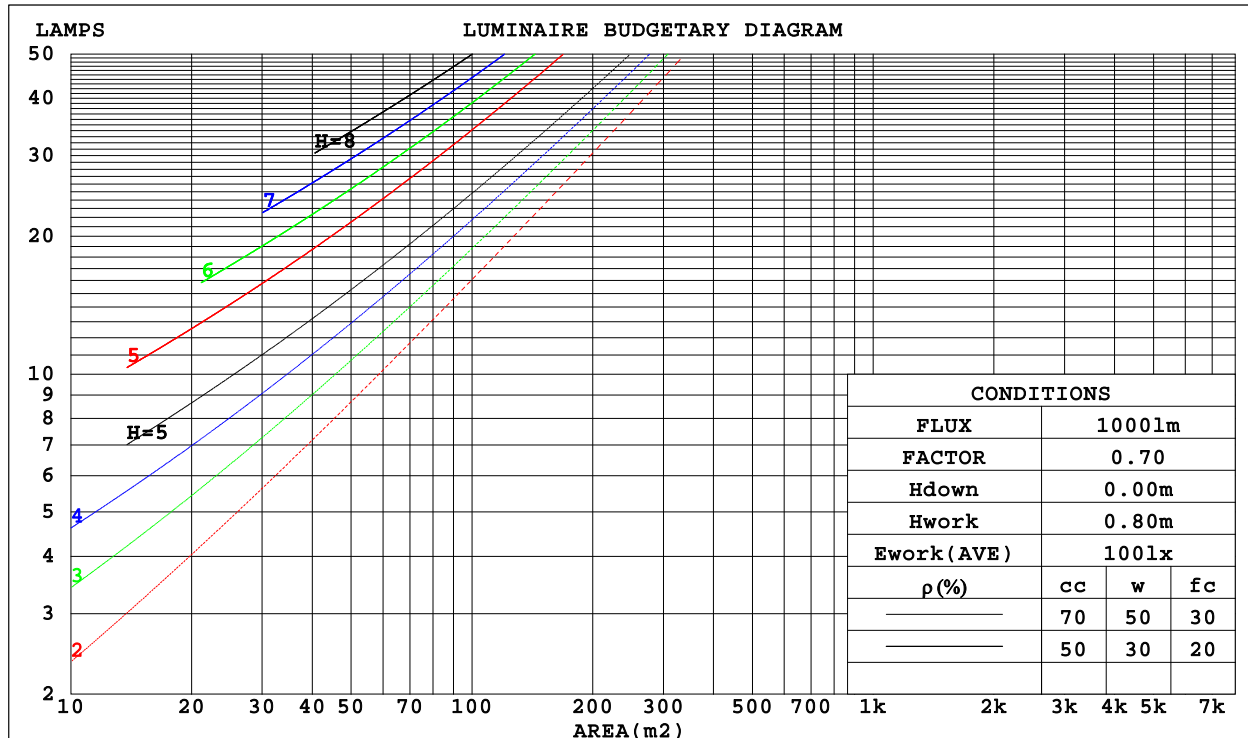
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 26.3DEG  
Operators: Ethan  
Test Date: 2021-08-16

$\gamma$  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:120.2V I:0.2120A P:25.30W PF:0.9920 Lamp Flux:3199.98x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:3500K	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	.58	.58	.58	.52
1.0	.93	.89	.86	.87	.83	.80	.74	.71	.69	.62	.60	.58	.51	.50	.48	.43
2.0	.81	.75	.70	.75	.70	.65	.64	.60	.57	.54	.51	.48	.45	.42	.40	.36
3.0	.71	.64	.58	.66	.60	.54	.57	.51	.47	.48	.44	.41	.39	.37	.34	.30
4.0	.63	.55	.49	.59	.51	.46	.50	.45	.40	.42	.38	.35	.35	.32	.29	.26
5.0	.56	.48	.42	.52	.45	.39	.45	.39	.35	.38	.33	.30	.31	.28	.25	.22
6.0	.50	.42	.36	.47	.39	.34	.40	.34	.30	.34	.30	.26	.28	.25	.22	.19
7.0	.45	.37	.32	.42	.35	.30	.37	.31	.26	.31	.27	.23	.26	.22	.20	.17
8.0	.41	.33	.28	.38	.31	.26	.33	.28	.23	.28	.24	.21	.24	.20	.18	.15
9.0	.38	.30	.25	.35	.28	.24	.30	.25	.21	.26	.22	.18	.22	.19	.16	.14
10.0	.34	.27	.22	.32	.26	.21	.28	.23	.19	.24	.20	.17	.20	.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:120.2V I:0.2120A P:25.30W PF:0.9920 Lamp Flux:3199.98x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:3500K	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															

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	.554	.554	.554	.474	.474	.474	.323	.323	.323	.186	.186	.186	.059	.059	.059		
1.0	.546	.523	.503	.467	.449	.432	.319	.309	.299	.184	.179	.174	.059	.058	.056		
2.0	.538	.501	.470	.461	.431	.406	.316	.298	.283	.182	.174	.166	.058	.056	.054		
3.0	.531	.485	.449	.455	.419	.389	.313	.291	.273	.181	.170	.161	.058	.055	.053		
4.0	.524	.473	.434	.450	.409	.377	.309	.285	.266	.179	.167	.157	.058	.054	.052		
5.0	.518	.464	.424	.445	.401	.369	.306	.280	.260	.177	.165	.155	.057	.054	.051		
6.0	.511	.456	.417	.439	.395	.363	.303	.277	.257	.176	.163	.153	.057	.053	.050		
7.0	.505	.450	.411	.435	.390	.359	.300	.274	.254	.174	.161	.151	.056	.053	.050		
8.0	.499	.445	.407	.430	.386	.355	.298	.271	.252	.173	.160	.150	.056	.052	.050		
9.0	.494	.440	.404	.426	.382	.353	.295	.269	.250	.172	.159	.149	.056	.052	.049		
10.0	.489	.437	.402	.421	.379	.351	.292	.267	.249	.171	.158	.149	.055	.052	.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:120.2V I:0.2120A P:25.30W PF:0.9920 Lamp Flux:3199.98x1 lm											
NAME: 二代线条灯					TYPE:上下发光 白色外壳			WEIGHT:			
DIM.: 2FT					SPEC.:3500K			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	12.8	13.8	13.7	14.7	15.7	13.8	14.8	14.6	15.6	16.7
	8H	14.2	15.0	15.0	15.9	17.0	15.5	16.3	16.3	17.2	18.3
	6H	14.7	15.5	15.5	16.4	17.5	16.2	17.0	17.1	17.9	19.0
	4H	15.0	15.7	15.9	16.6	17.8	16.8	17.6	17.7	18.5	19.6
	3H	15.1	15.8	16.0	16.7	17.8	17.1	17.8	18.0	18.7	19.8
	2H	15.1	15.8	16.0	16.7	17.8	17.3	17.9	18.2	18.9	20.0
4H	12H	13.5	14.3	14.4	15.2	16.3	14.2	15.0	15.1	15.9	17.0
	8H	15.0	15.7	15.9	16.6	17.8	16.1	16.7	17.0	17.7	18.8
	6H	15.7	16.3	16.6	17.2	18.4	16.9	17.6	17.9	18.5	19.7
	4H	16.1	16.6	17.1	17.6	18.8	17.7	18.3	18.7	19.2	20.4
	3H	16.2	16.7	17.2	17.7	18.9	18.0	18.5	19.0	19.5	20.7
	2H	16.3	16.7	17.2	17.7	18.9	18.3	18.7	19.3	19.7	21.0
8H	12H	16.0	16.5	16.9	17.4	18.7	17.1	17.6	18.1	18.6	19.8
	8H	16.6	17.0	17.6	18.0	19.3	18.0	18.5	19.0	19.4	20.7
	6H	16.9	17.2	17.9	18.2	19.5	18.5	18.8	19.5	19.8	21.1
	4H	17.0	17.3	18.0	18.3	19.6	18.9	19.2	19.9	20.2	21.5
12H	8H	16.0	16.5	17.0	17.4	18.7	17.1	17.5	18.0	18.5	19.7
	6H	16.7	17.1	17.7	18.1	19.4	18.1	18.4	19.1	19.4	20.7
	4H	17.0	17.3	18.0	18.3	19.6	18.6	18.9	19.6	19.9	21.2
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 3200 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.0)

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:120.2V I:0.2120A P:25.30W PF:0.9920 Lamp Flux:3199.98x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:3500K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:

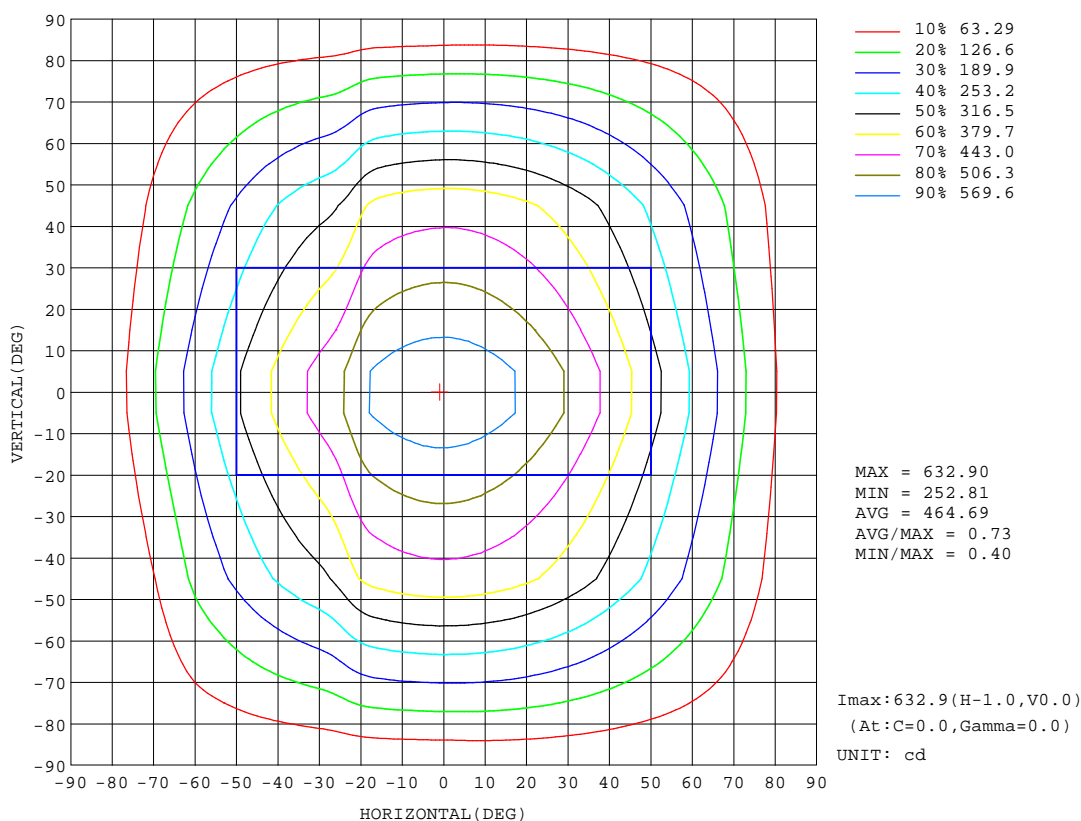
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	44	33	27	42	32	26	38	29	24	17
0.80	54	42	35	51	40	34	45	36	31	21
1.00	61	50	42	58	47	41	51	44	37	26
1.25	68	57	50	64	54	47	56	48	43	29
1.50	74	63	55	69	59	53	60	53	47	32
2.00	81	71	64	75	67	61	65	59	54	36
2.50	85	77	70	79	72	66	68	63	58	38
3.00	89	81	75	82	76	70	71	66	62	40
4.00	93	87	81	86	81	76	74	70	66	43
5.00	96	90	86	89	84	80	76	72	69	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:120.2V I:0.2120A P:25.30W PF:0.9920 Lamp Flux:3199.98x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:3500K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:

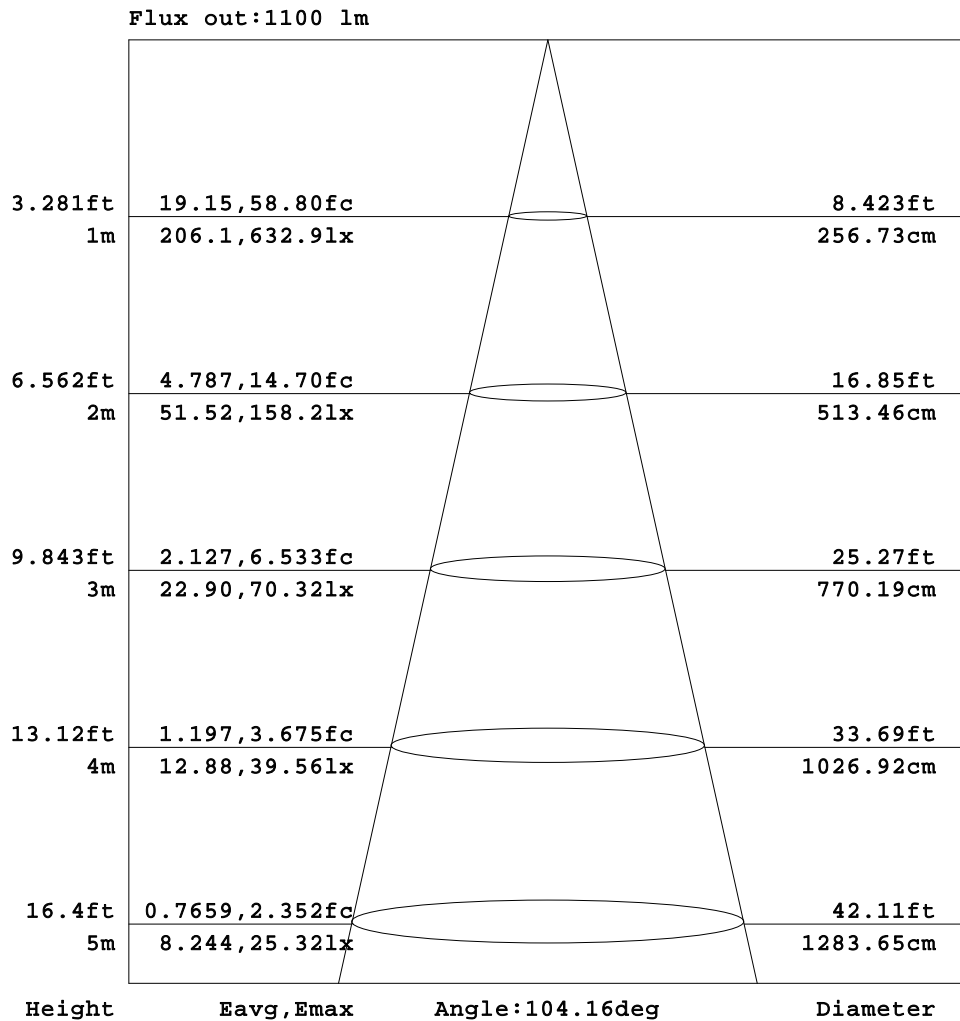


C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:26.3DEG  
Operators:Ethan  
Test Date:2021-08-16

$\gamma$  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:120.2V I:0.2120A P:25.30W PF:0.9920 Lamp Flux:3199.98x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:3500K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:



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

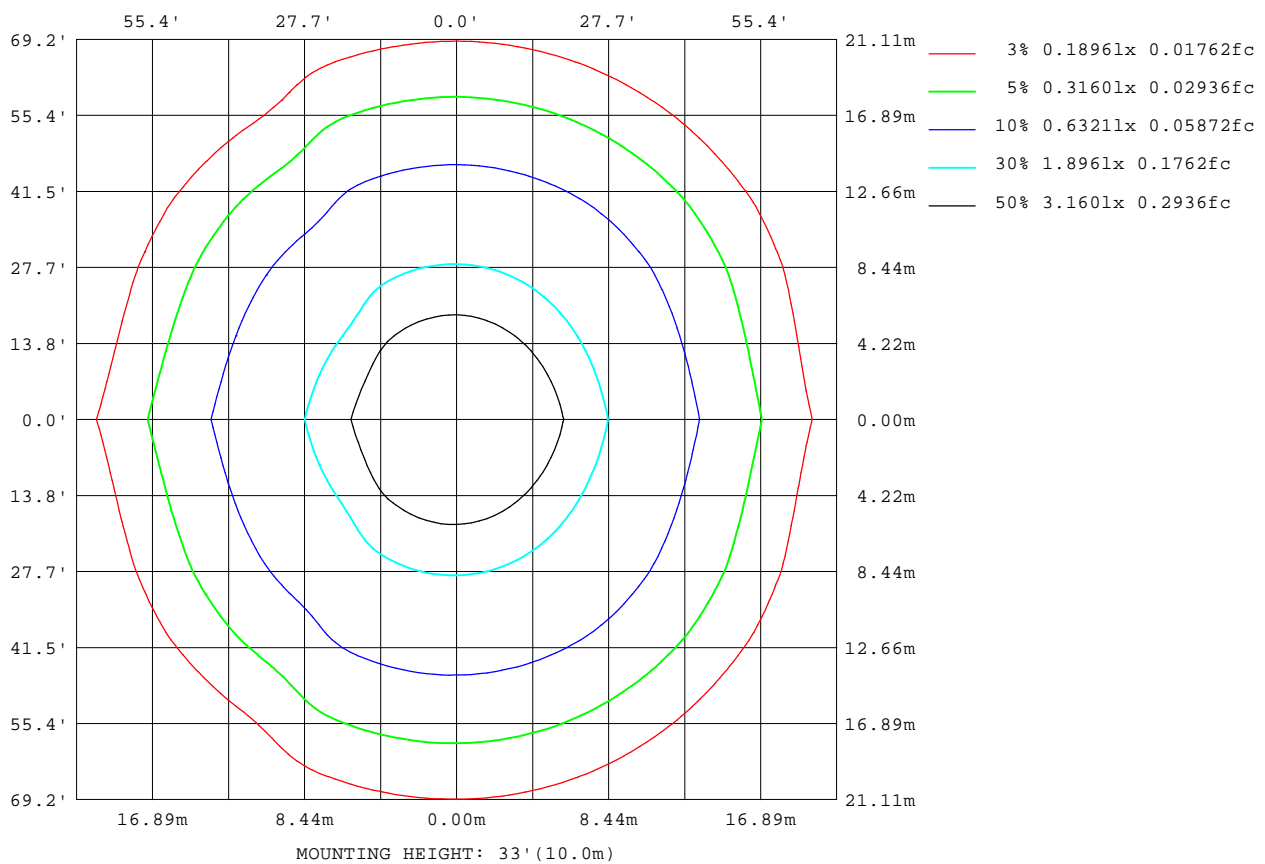
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 26.3DEG  
Operators: Ethan  
Test Date: 2021-08-16

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

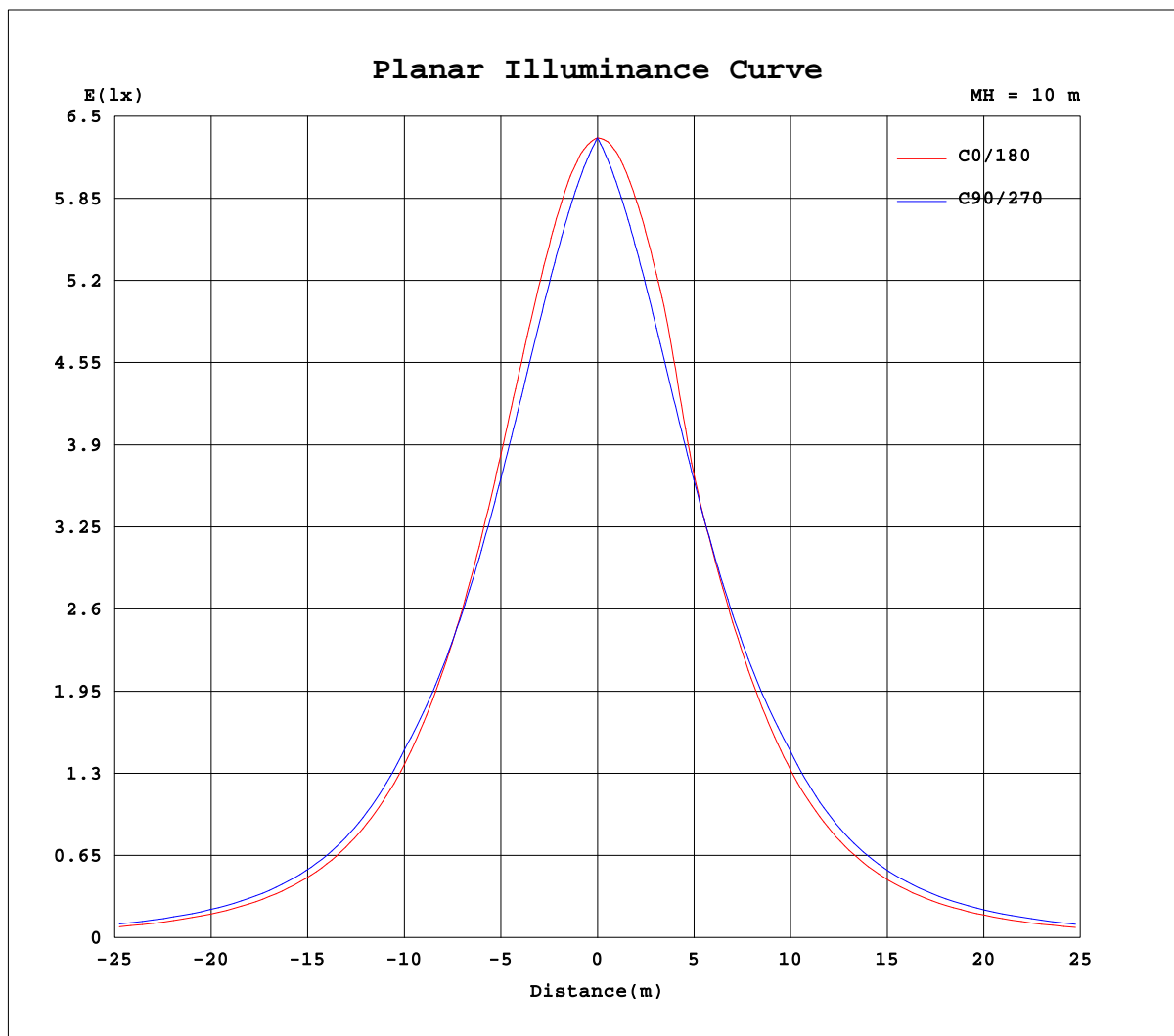
Test:U:120.2V I:0.2120A P:25.30W PF:0.9920 Lamp Flux:3199.98x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:3500K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:



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:120.2V I:0.2120A P:25.30W PF:0.9920 Lamp Flux:3199.98x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:3500K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:

Table--1

UNIT: cd

C(DEC) γ (DEC)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	633	633	633	633	633	633	633	633	633	633	633	633	633	633	633	633	633	633	633
5	627	625	623	622	620	618	617	615	614	613	612	611	610	610	609	609	609	609	609
10	614	610	607	604	601	598	596	594	592	590	588	587	587	586	585	585	585	585	586
15	596	590	585	581	577	574	571	568	566	564	563	562	562	561	561	561	561	562	562
20	574	567	560	554	549	546	543	540	538	537	536	536	536	536	536	537	537	538	539
25	545	536	529	523	518	514	512	510	509	508	508	508	509	510	512	512	513	514	515
30	511	501	493	487	483	480	478	477	477	478	479	481	482	484	486	488	490	491	492
35	473	462	454	448	444	442	442	442	444	446	449	452	455	458	461	463	465	467	468
40	433	421	413	407	404	403	404	406	410	414	419	423	428	432	436	439	441	444	445
45	388	376	368	363	362	363	365	370	376	382	388	395	401	406	411	414	418	420	421
50	342	330	322	318	318	321	326	333	341	350	358	366	370	371	372	373	374	375	375
55	294	282	275	273	276	281	288	297	307	317	319	320	323	324	326	327	328	329	329
60	246	234	229	229	233	241	251	262	265	268	271	273	276	278	280	281	282	283	283
65	197	186	183	186	193	204	211	214	217	220	224	227	230	232	234	236	237	237	237
70	150	140	139	146	156	161	164	167	171	174	178	182	184	187	189	191	191	192	191
75	103	95.6	98.4	108	113	116	120	123	127	130	134	137	140	142	144	145	146	146	146
80	60.1	55.5	63.2	67.5	72.2	76.3	79.6	82.6	85.4	88.2	91.1	93.7	96.0	97.9	99.4	100	101	101	99.6
85	21.0	22.4	29.2	33.8	37.2	40.1	42.1	43.8	45.4	47.1	49.0	50.8	52.4	53.8	54.9	55.5	55.6	55.0	53.6
90	4.34	5.12	5.52	5.83	6.09	6.21	6.26	6.25	6.26	6.66	7.50	8.27	9.10	9.91	10.5	10.6	10.4	9.48	7.70
95	6.28	8.88	20.8	27.9	31.5	33.9	36.0	37.6	39.1	40.7	42.5	44.2	45.9	47.4	48.7	49.4	49.8	49.5	48.3
100	45.7	41.5	49.4	56.0	59.9	64.0	67.2	70.0	72.6	75.3	78.1	80.6	82.9	85.2	87.0	88.3	89.2	89.5	89.0
105	88.0	80.3	82.7	89.4	93.2	97.3	101	104	108	111	114	118	120	123	126	127	129	130	130
110	130	120	119	123	131	135	138	141	145	148	152	155	158	162	164	167	168	170	170
115	174	163	159	160	165	172	178	180	184	187	190	194	197	201	203	206	208	210	211
120	220	207	201	200	202	207	214	222	224	227	231	234	237	240	243	246	248	250	251
125	265	252	245	241	241	244	249	255	262	269	272	274	277	280	283	286	288	290	292
130	309	297	288	283	281	282	285	290	295	301	308	315	319	321	323	326	328	331	333
135	353	341	331	325	322	321	322	325	329	334	339	344	349	355	359	363	368	371	373
140	395	383	373	367	362	360	360	361	363	366	370	374	378	382	386	390	393	396	399
145	434	423	414	407	402	399	397	397	398	400	402	405	408	410	413	416	419	422	424
150	471	461	452	445	440	436	434	432	432	433	434	435	436	438	440	443	445	447	449
155	505	496	488	482	476	472	469	467	466	465	464	464	465	466	467	469	471	473	475
160	535	527	521	515	510	505	502	499	496	495	494	493	493	494	495	495	497	498	500
165	559	553	547	542	538	534	530	528	525	524	523	522	522	521	521	522	523	524	525
170	577	573	569	566	563	560	557	555	553	552	550	549	549	548	548	548	549	550	550
175	592	590	588	586	584	582	581	579	578	577	576	576	575	575	575	575	575	575	576
180	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601

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:120.2V I:0.2120A P:25.30W PF:0.9920 Lamp Flux:3199.98x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:3500K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:

Table--2

UNIT: cd

C(°) γ (°)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	633	633	633	633	633	633	633	633	633	633	633	633	633	633	633	633	633	633	633
5	609	610	610	611	611	612	613	615	616	617	618	620	622	623	625	627	629	631	629
10	586	586	587	588	589	590	592	594	595	597	600	602	605	608	611	615	619	623	619
15	562	563	564	565	566	567	568	570	572	574	577	580	584	588	592	597	602	608	602
20	539	540	540	541	541	542	543	544	546	548	550	553	557	561	566	571	577	584	576
25	516	516	516	516	516	516	517	517	518	519	517	514	512	510	511	514	520	528	519
30	492	492	492	491	490	489	488	488	482	473	464	456	454	456	461	468	477	488	477
35	469	468	467	466	464	462	459	449	434	420	412	412	414	419	425	432	442	454	442
40	445	444	442	441	437	434	423	403	385	377	375	376	378	381	387	395	405	418	404
45	421	420	418	415	411	402	381	358	346	343	341	340	340	342	346	352	362	376	362
50	376	376	376	375	375	364	339	320	314	311	307	303	301	300	302	308	317	330	316
55	330	329	329	328	325	308	288	282	283	278	272	266	261	257	257	261	270	284	269
60	283	283	283	282	276	256	242	240	240	239	238	229	221	216	213	215	222	235	221
65	237	237	236	235	227	208	200	199	197	196	193	189	183	175	169	167	172	186	173
70	191	191	190	189	179	164	160	158	156	153	149	146	142	135	121	117	122	138	126
75	145	145	144	143	134	123	120	118	116	113	109	106	101	88.8	76.9	71.5	75.1	90.2	80.5
80	99.2	98.8	98.1	96.7	89.6	82.7	81.0	79.4	77.6	75.2	72.2	68.9	62.5	52.0	42.0	33.3	34.6	46.3	39.8
85	53.2	52.9	52.3	51.1	46.9	43.5	42.2	41.1	39.9	38.5	37.0	35.0	30.5	24.7	18.9	12.6	6.65	9.80	8.97
90	7.24	6.93	6.46	5.79	4.89	4.62	3.77	3.15	2.83	2.69	2.88	2.74	2.66	2.69	2.76	2.85	2.91	2.91	2.93
95	48.2	48.2	47.9	47.3	46.5	45.8	42.1	38.3	37.1	36.2	35.3	34.0	35.7	33.2	31.5	29.5	28.9	34.7	15.6
100	89.2	89.4	89.3	89.0	88.2	87.4	81.4	74.3	71.7	70.5	68.5	67.1	69.0	67.5	63.9	64.1	61.4	68.5	46.7
105	130	131	131	131	130	129	122	112	107	106	103	103	99.8	107	103	99.4	103	109	90.7
110	171	172	172	172	172	172	165	152	144	143	140	139	138	140	140	139	146	155	136
115	212	213	214	214	214	214	210	196	183	180	181	178	176	173	172	177	180	186	175
120	253	254	255	256	257	258	256	244	229	220	220	213	210	209	212	218	228	234	219
125	294	295	297	299	299	301	302	296	280	261	247	236	234	242	249	257	268	260	247
130	335	337	338	340	342	344	344	337	321	304	289	274	263	252	261	277	293	296	279
135	375	376	377	377	376	375	373	366	357	346	336	327	316	306	300	295	294	315	304
140	401	402	403	403	404	403	403	401	391	383	377	372	371	370	370	371	376	380	368
145	426	428	429	430	431	431	432	433	433	425	414	411	410	412	416	423	433	448	433
150	451	453	454	456	457	459	460	462	464	467	468	463	455	451	452	457	464	476	465
155	477	478	480	481	483	485	488	490	493	496	500	505	510	516	521	526	533	545	535
160	502	503	505	507	509	511	514	517	520	524	528	532	537	543	550	557	564	574	565
165	526	528	530	532	533	536	538	541	544	548	552	556	561	566	571	577	583	590	583
170	551	553	554	556	557	559	561	564	566	569	572	575	579	583	587	591	595	600	595
175	576	577	578	579	580	581	582	584	585	587	589	591	593	595	597	599	601	604	601
180	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601

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:120.2V I:0.2120A P:25.30W PF:0.9920 Lamp Flux:3199.98x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:3500K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION 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	633	633	633	633	633	633	633	633	633	633	633	633	633	633	633	633	633	633	633
5	627	625	623	621	620	618	617	615	614	613	612	611	610	610	609	609	609	609	609
10	615	611	608	604	602	599	597	595	593	591	589	588	587	586	585	585	585	585	584
15	596	591	587	583	580	576	573	571	569	567	566	565	563	563	562	561	561	561	560
20	570	565	560	556	552	549	546	545	543	541	540	539	539	538	538	537	537	537	536
25	512	508	506	507	510	513	515	515	515	514	514	514	514	514	514	513	513	513	512
30	467	459	453	449	450	455	465	475	483	486	487	488	488	489	489	489	489	489	488
35	432	424	417	412	408	407	410	421	438	453	458	461	462	464	465	465	465	465	463
40	394	385	380	376	374	372	372	375	387	409	427	434	437	439	440	441	441	441	439
45	351	344	340	338	337	338	339	341	345	362	389	406	411	414	416	417	418	417	415
50	307	300	298	298	300	303	307	310	313	322	345	366	371	371	372	372	372	371	371
55	260	256	255	257	262	268	274	279	277	277	290	314	324	325	325	326	326	326	325
60	214	211	213	217	225	233	235	235	236	236	242	263	277	279	279	280	280	280	280
65	168	168	173	180	185	188	192	194	195	196	198	214	230	232	233	234	234	234	234
70	123	127	134	139	143	146	150	153	155	156	157	168	183	186	187	188	188	189	188
75	81.8	89.1	94.4	99.2	103	107	111	114	116	117	118	124	137	140	141	142	143	143	143
80	45.4	52.7	58.6	63.4	67.3	70.4	73.3	76.0	77.6	78.6	78.9	82.8	91.8	94.4	95.2	95.7	96.8	97.4	97.6
85	17.8	24.4	28.7	31.8	34.1	35.8	37.4	38.8	39.8	40.4	40.6	42.4	47.2	48.7	49.2	49.8	51.0	51.8	52.3
90	2.81	2.51	2.48	2.43	2.43	2.28	2.23	2.36	2.43	2.41	2.40	2.55	2.90	2.96	3.34	3.90	5.16	6.26	7.04
95	15.8	22.8	27.2	33.6	34.0	32.2	32.6	33.1	34.3	34.8	38.4	43.5	43.2	43.0	43.3	43.9	45.0	45.9	46.3
100	41.2	49.1	57.4	67.2	66.1	61.6	63.6	64.1	66.2	67.7	75.5	84.5	83.4	83.0	83.3	83.9	84.9	85.5	85.6
105	83.6	85.3	99.4	101	98.5	92.2	95.5	96.3	98.3	102	115	126	124	123	123	124	125	125	125
110	125	131	140	137	127	127	128	130	131	137	158	166	164	163	163	164	165	165	164
115	172	170	168	164	160	163	162	166	166	176	204	207	204	203	203	204	204	204	204
120	207	198	192	192	193	198	200	199	204	223	250	247	245	244	243	244	244	244	243
125	237	232	227	217	221	228	235	237	247	280	293	288	285	284	283	284	284	284	283
130	261	249	249	252	259	266	270	277	299	334	333	328	326	324	324	324	324	324	323
135	298	294	295	301	306	308	311	323	354	366	363	362	362	362	363	364	364	363	362
140	362	359	356	354	350	350	359	382	396	394	392	391	390	390	390	391	390	389	388
145	420	409	400	395	395	405	422	429	426	423	421	420	419	418	417	418	417	415	414
150	455	449	448	454	462	466	463	458	455	452	450	448	447	446	445	444	443	442	440
155	528	522	515	509	502	497	492	488	484	481	478	476	474	473	471	470	469	468	467
160	557	549	542	536	530	525	520	515	512	509	506	504	501	500	498	497	496	494	493
165	577	570	564	559	554	550	545	541	538	535	532	530	528	526	525	523	522	521	520
170	591	586	582	578	574	571	568	565	562	559	557	555	553	552	550	549	548	548	547
175	599	597	594	592	590	588	586	585	583	582	580	579	578	577	576	575	575	574	574
180	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601

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:120.2V I:0.2120A P:25.30W PF:0.9920 Lamp Flux:3199.98x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:3500K	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	633	633	633	633	633	633	633	633	633	633	633	633	633	633	633				
5	609	609	609	610	611	611	612	614	615	616	618	620	622	623	625				
10	585	585	585	586	587	588	589	591	593	595	598	600	603	607	610				
15	560	561	560	561	562	562	564	566	568	570	573	577	581	585	590				
20	536	535	535	535	535	536	536	538	540	542	545	549	554	560	567				
25	511	510	509	508	507	507	508	508	510	511	514	518	523	529	536				
30	486	484	483	481	480	478	478	477	477	478	480	483	487	493	501				
35	462	459	457	454	452	449	446	444	443	442	442	444	448	454	462				
40	437	434	431	427	423	419	414	410	407	405	404	405	408	413	421				
45	412	409	405	400	394	389	383	377	371	367	364	363	364	369	376				
50	370	370	370	369	366	359	351	343	335	329	323	320	320	323	330				
55	325	324	323	322	321	320	319	310	300	291	283	278	275	277	282				
60	279	278	277	275	274	272	270	268	266	254	244	236	231	230	235				
65	233	233	231	229	227	225	222	219	217	215	208	197	189	185	187				
70	188	187	185	184	182	179	176	173	170	167	165	161	149	142	141				
75	143	142	141	139	137	135	132	129	126	123	120	117	112	102	97.5				
80	97.5	96.9	96.0	94.8	93.3	91.4	89.3	87.0	84.6	81.8	78.9	75.1	71.3	67.9	58.3				
85	52.4	52.2	51.6	50.9	50.1	49.0	47.8	46.5	45.2	43.6	41.6	38.9	36.2	32.4	27.0				
90	7.38	7.47	7.41	7.28	7.14	7.02	6.88	6.90	6.91	6.76	6.61	6.53	6.52	6.57	6.64				
95	46.2	45.7	45.0	44.0	42.9	41.8	40.4	38.9	37.3	35.3	32.8	29.9	25.5	16.6	5.47				
100	85.2	84.1	82.7	81.0	79.1	76.9	74.4	71.8	68.8	65.4	61.3	56.6	51.2	42.2	36.1				
105	124	123	121	118	116	113	110	106	102	98.3	93.9	88.6	83.7	77.4	76.2				
110	163	162	159	156	153	150	146	142	138	134	130	126	118	115	117				
115	203	201	198	195	192	189	185	181	177	174	168	161	156	155	160				
120	242	240	237	235	232	228	225	222	219	210	203	198	196	198	205				
125	282	280	278	275	272	270	267	260	252	246	241	238	238	242	250				
130	322	320	318	316	312	306	299	293	287	283	280	279	281	286	294				
135	359	356	352	347	342	337	332	327	323	320	319	320	323	329	338				
140	385	383	380	376	372	368	365	361	359	358	358	361	365	371	381				
145	412	410	407	405	403	400	398	396	395	395	397	400	405	412	421				
150	439	437	435	434	433	432	431	431	431	432	435	439	444	451	459				
155	466	465	463	463	462	463	463	464	465	468	471	475	481	487	495				
160	493	492	492	491	492	492	493	495	498	501	504	509	514	520	527				
165	520	519	519	520	520	521	523	525	527	529	533	537	541	546	552				
170	547	547	547	548	548	549	551	553	554	557	559	562	565	569	573				
175	574	574	574	575	575	576	577	578	579	581	582	584	586	588	590				
180	601	601	601	601	601	601	601	601	601	601	601	601	601	601	601				

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