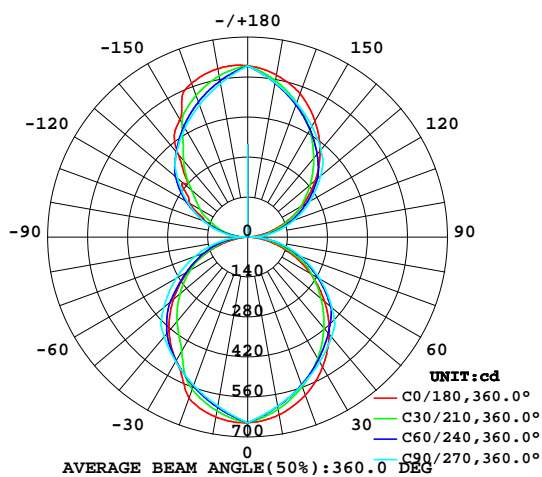


## LUMINAIRE PHOTOMETRIC TEST REPORT

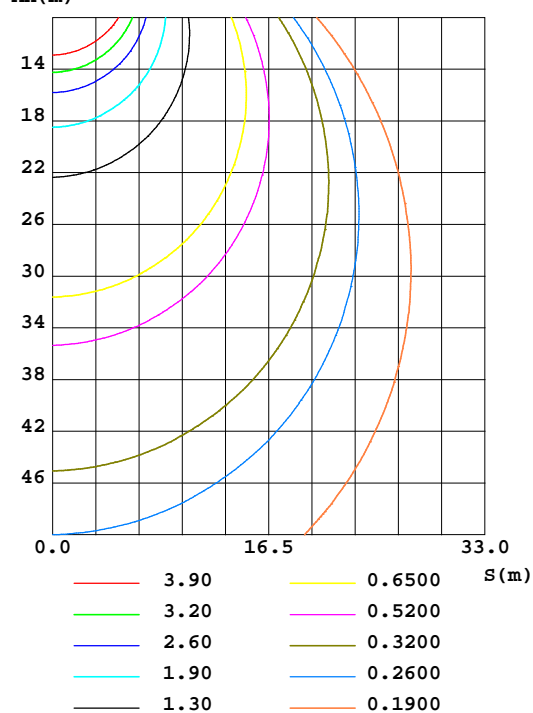
Test:U:120.2V I:0.2170A P:25.90W PF:0.9920 Lamp Flux:3247.37x1 lm					
NAME: 二代线条灯			TYPE:上下发光 白色外壳		WEIGHT:
DIM.: 2FT			SPEC.:4000K		SERIAL No.:YQ2107-7
MFR.: YQ			SUR.:0.171*1.13m		PROTECTION ANGLE:

DATA OF LAMP			PHOTOMETRIC DATA Eff: 125.38 lm/W		
MODEL		I <sub>max</sub> (cd)	650.2	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)	3247.4	η UP,DN(C0-180)	23.8,26.6
NOMINAL FLUX(lm)	3247.37	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	23.1,26.5
LAMPS INSIDE	1	η up(%)	47.0	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.2	η down(%)	53.0	CIBSE SHR MAX	1.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



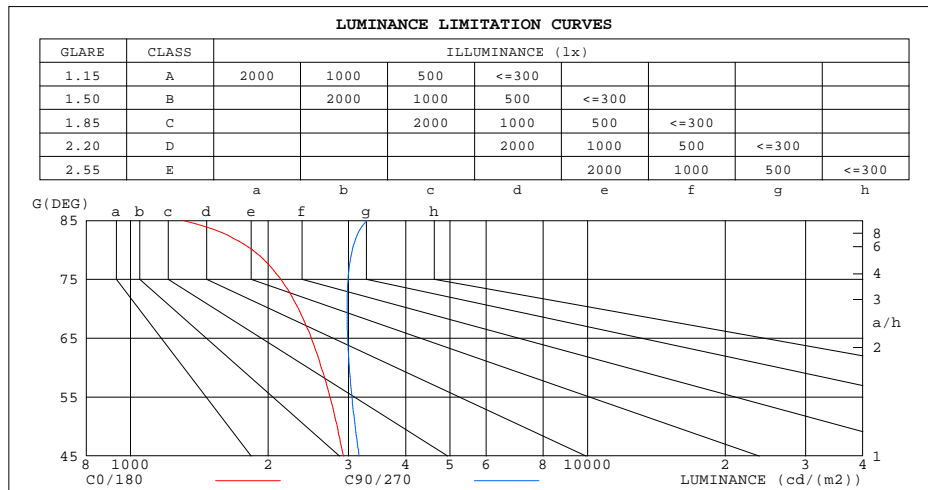
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:26.3DEG  
 Operators:Ethan  
 Test Date:2021-08-16

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	643.9	629.5	625.7	632.6	647.9	632.4	625.5	629.4	0- 5	15.27	15.27	0.47,0.47
10	632.0	606.6	601.5	611.5	640.3	611.1	601.2	606.4	5- 10	44.47	59.74	1.84,1.84
15	613.0	580.4	577.4	587.5	624.7	587.0	576.8	580.4	10- 15	71.16	130.9	4.03,4.03
20	589.5	551.9	553.2	560.7	600.4	560.1	552.5	551.9	15- 20	94.77	225.7	6.95,6.95
25	559.6	522.1	529.0	531.3	543.2	529.8	528.1	522.4	20- 25	114.5	340.1	10.5,10.5
30	525.0	491.0	504.8	495.4	501.2	488.6	503.8	491.7	25- 30	129.3	469.5	14.5,14.5
35	485.8	458.7	480.7	445.5	467.2	433.3	479.4	459.4	30- 35	140.4	609.8	18.8,18.8
40	445.1	425.7	456.5	395.3	429.1	385.9	455.1	427.2	35- 40	147.6	757.5	23.3,23.3
45	399.4	392.3	432.3	355.2	385.6	351.3	430.7	394.2	40- 45	151.1	908.5	28,28
50	352.0	359.3	385.2	322.2	339.9	319.9	383.6	362.5	45- 50	149.8	1058	32.6,32.6
55	302.8	325.8	338.1	290.4	291.5	288.2	336.4	329.4	50- 55	142.6	1201	37,37
60	252.7	275.2	291.0	246.0	241.9	243.9	289.2	278.4	55- 60	130.8	1332	41,41
65	203.0	226.1	243.9	202.7	191.8	200.9	242.0	229.2	60- 65	115.3	1447	44.6,44.6
70	154.0	179.4	196.8	160.2	142.3	158.8	194.8	181.8	65- 70	96.96	1544	47.5,47.5
75	106.7	134.2	149.6	119.6	92.99	118.2	147.7	136.5	70- 75	76.50	1621	49.9,49.9
80	61.99	90.91	102.5	79.99	47.81	78.83	100.5	92.47	75- 80	54.99	1676	51.6,51.6
85	21.95	48.68	55.42	41.31	10.38	40.49	53.31	49.70	80- 85	33.48	1709	52.6,52.6
90	4.738	7.150	8.309	3.243	3.289	2.771	6.125	7.575	85- 90	12.98	1722	53,53
95	6.688	41.21	48.96	37.47	35.05	33.27	45.56	40.77	90- 95	11.67	1734	53.4,53.4
100	46.01	75.86	89.61	71.98	68.71	64.10	84.99	74.55	95-100	29.43	1763	54.3,54.3
105	88.24	111.5	130.3	107.1	109.2	95.97	124.4	109.5	100-105	48.24	1811	55.8,55.8
110	130.5	148.7	170.9	143.6	155.3	130.0	163.8	145.8	105-110	66.88	1878	57.8,57.8
115	174.5	187.5	211.6	183.3	185.8	164.9	203.3	184.1	110-115	84.21	1962	60.4,60.4
120	219.7	228.1	252.2	227.9	234.5	199.0	242.7	224.1	115-120	99.94	2062	63.5,63.5
125	265.1	270.1	292.9	279.5	259.2	237.8	282.1	265.7	120-125	113.1	2175	67,67
130	309.6	301.6	333.5	320.8	293.0	276.7	321.6	297.6	125-130	123.1	2299	70.8,70.8
135	353.0	334.0	374.2	357.1	314.9	323.0	361.0	330.1	130-135	129.2	2428	74.8,74.8
140	394.8	366.6	399.3	391.2	378.7	381.2	387.5	363.0	135-140	132.5	2560	78.8,78.8
145	433.9	399.6	424.4	433.1	446.9	427.0	414.0	396.5	140-145	132.0	2692	82.9,82.9
150	471.1	432.8	449.5	464.1	475.3	456.7	440.6	429.5	145-150	126.6	2819	86.8,86.8
155	505.1	464.7	474.6	492.8	544.0	486.0	467.1	461.6	150-155	117.7	2937	90.4,90.4
160	535.4	494.4	499.7	519.7	573.6	514.2	493.6	491.8	155-160	104.4	3041	93.6,93.6
165	558.4	523.7	524.9	544.1	589.1	540.0	520.2	521.3	160-165	86.44	3127	96.3,96.3
170	576.8	551.4	550.0	566.0	599.0	563.6	546.7	549.7	165-170	65.11	3192	98.3,98.3
175	591.0	576.9	575.1	584.4	602.8	583.6	573.2	575.8	170-175	40.83	3233	99.6,99.6
180	600.2	600.2	600.2	600.2	599.7	599.7	599.7	599.7	175-180	14.07	3247	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m²)		
G(°)	C0/180	C90/270
85	1304	3291
80	1848	3056
75	2134	2993
70	2331	2978
65	2486	2987
60	2616	3012
55	2733	3051
50	2834	3102
45	2924	3165

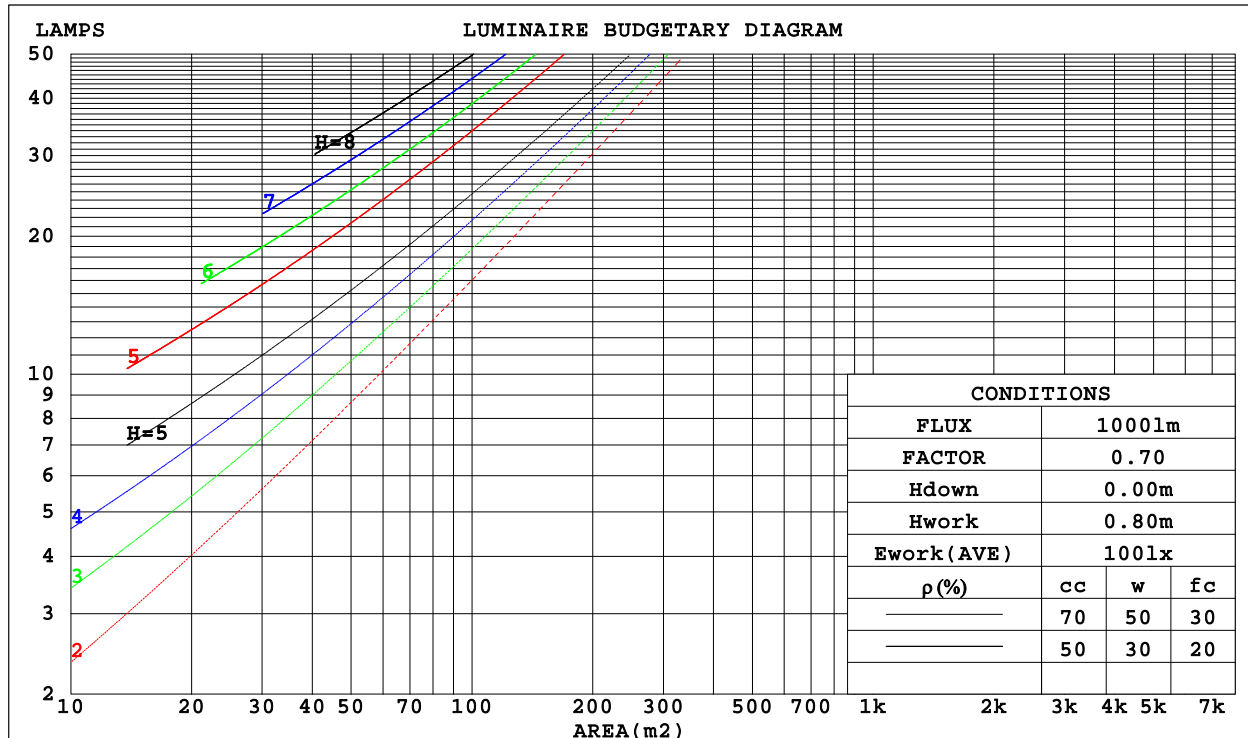
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 26.3DEG  
 Operators: Ethan  
 Test Date: 2021-08-16

$\gamma$  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:0.2170A P:25.90W PF:0.9920 Lamp Flux:3247.37x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:4000K	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	.65	.60	.57	.54	.51	.49	.45	.43	.41	.36
3.0	.71	.64	.58	.66	.60	.54	.57	.52	.48	.48	.44	.41	.40	.37	.35	.31
4.0	.63	.55	.49	.59	.51	.46	.50	.45	.40	.43	.38	.35	.35	.32	.30	.26
5.0	.56	.48	.42	.52	.45	.39	.45	.39	.35	.38	.34	.30	.32	.28	.26	.23
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:120.2V I:0.2170A P:25.90W PF:0.9920 Lamp Flux:3247.37x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:4000K	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	.291	.165	.052	.270	.154	.049	.230	.132	.042	.193	.112	.036	.160	.093	.030	
2.0	.269	.147	.045	.250	.138	.042	.214	.119	.037	.180	.101	.032	.149	.085	.027	
3.0	.248	.132	.039	.230	.123	.037	.197	.107	.032	.167	.091	.028	.138	.076	.024	
4.0	.228	.119	.035	.212	.111	.033	.182	.097	.029	.154	.083	.025	.128	.069	.021	
5.0	.211	.108	.031	.197	.101	.029	.169	.088	.026	.143	.075	.022	.118	.063	.019	
6.0	.196	.098	.028	.183	.092	.027	.157	.080	.023	.133	.069	.020	.110	.058	.017	
7.0	.183	.090	.026	.170	.085	.024	.146	.074	.021	.124	.064	.018	.103	.053	.016	
8.0	.171	.084	.023	.159	.078	.022	.137	.068	.020	.116	.059	.017	.097	.050	.014	
9.0	.160	.078	.022	.149	.073	.020	.129	.064	.018	.109	.055	.016	.091	.046	.013	
10.0	.151	.072	.020	.141	.068	.019	.121	.059	.017	.103	.051	.015	.086	.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	.548	.548	.548	.469	.469	.469	.320	.320	.320	.184	.184	.184	.059	.059	.059		
1.0	.540	.517	.497	.462	.444	.427	.316	.305	.296	.182	.177	.172	.058	.057	.056		
2.0	.532	.495	.464	.456	.426	.401	.313	.295	.280	.180	.172	.164	.058	.056	.053		
3.0	.525	.479	.443	.450	.414	.384	.309	.287	.269	.179	.168	.159	.057	.054	.052		
4.0	.519	.467	.428	.445	.404	.372	.306	.281	.262	.177	.165	.155	.057	.054	.051		
5.0	.512	.458	.418	.440	.396	.364	.303	.277	.257	.175	.163	.152	.057	.053	.050		
6.0	.506	.450	.411	.435	.390	.358	.300	.273	.253	.174	.161	.150	.056	.053	.050		
7.0	.499	.444	.405	.430	.385	.353	.297	.270	.250	.172	.159	.149	.056	.052	.049		
8.0	.494	.439	.401	.425	.381	.350	.294	.267	.248	.171	.158	.148	.055	.052	.049		
9.0	.488	.435	.398	.421	.377	.347	.291	.265	.247	.170	.157	.147	.055	.051	.049		
10.0	.483	.431	.396	.416	.374	.345	.289	.263	.245	.169	.156	.146	.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:120.2V I:0.2170A P:25.90W PF:0.9920 Lamp Flux:3247.37x1 lm											
NAME: 二代线条灯					TYPE:上下发光 白色外壳			WEIGHT:			
DIM.: 2FT					SPEC.:4000K			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	13.0	14.0	13.8	14.8	15.9	14.0	14.9	14.8	15.8	16.8	
	3H	14.3	15.2	15.2	16.1	17.2	15.6	16.5	16.5	17.3	18.4
	4H	14.8	15.7	15.7	16.5	17.6	16.4	17.2	17.2	18.0	19.1
	6H	15.2	15.9	16.0	16.8	17.9	17.0	17.7	17.9	18.6	19.8
	8H	15.2	16.0	16.1	16.9	18.0	17.2	17.9	18.1	18.8	20.0
	12H	15.2	15.9	16.2	16.8	18.0	17.4	18.1	18.3	19.0	20.2
4H	2H	13.7	14.5	14.5	15.4	16.5	14.4	15.2	15.2	16.1	17.2
	3H	15.2	15.9	16.1	16.8	17.9	16.2	16.9	17.1	17.8	19.0
	4H	15.8	16.4	16.7	17.4	18.5	17.1	17.7	18.0	18.6	19.8
	6H	16.3	16.8	17.2	17.8	19.0	17.9	18.4	18.8	19.4	20.6
	8H	16.4	16.9	17.4	17.9	19.1	18.2	18.7	19.1	19.6	20.9
	12H	16.4	16.9	17.4	17.9	19.1	18.4	18.9	19.4	19.9	21.1
8H	4H	16.1	16.7	17.1	17.6	18.8	17.2	17.8	18.2	18.7	19.9
	6H	16.8	17.2	17.8	18.2	19.4	18.2	18.6	19.2	19.6	20.9
	8H	17.0	17.4	18.0	18.4	19.7	18.6	19.0	19.6	20.0	21.3
	12H	17.2	17.5	18.2	18.5	19.8	19.0	19.4	20.0	20.4	21.6
12H	4H	16.2	16.6	17.1	17.6	18.8	17.2	17.7	18.2	18.6	19.9
	6H	16.9	17.3	17.9	18.2	19.5	18.2	18.6	19.2	19.6	20.9
	8H	17.2	17.5	18.2	18.5	19.8	18.7	19.0	19.7	20.0	21.3
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 3247 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.1)

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:0.2170A P:25.90W PF:0.9920 Lamp Flux:3247.37x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:4000K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:

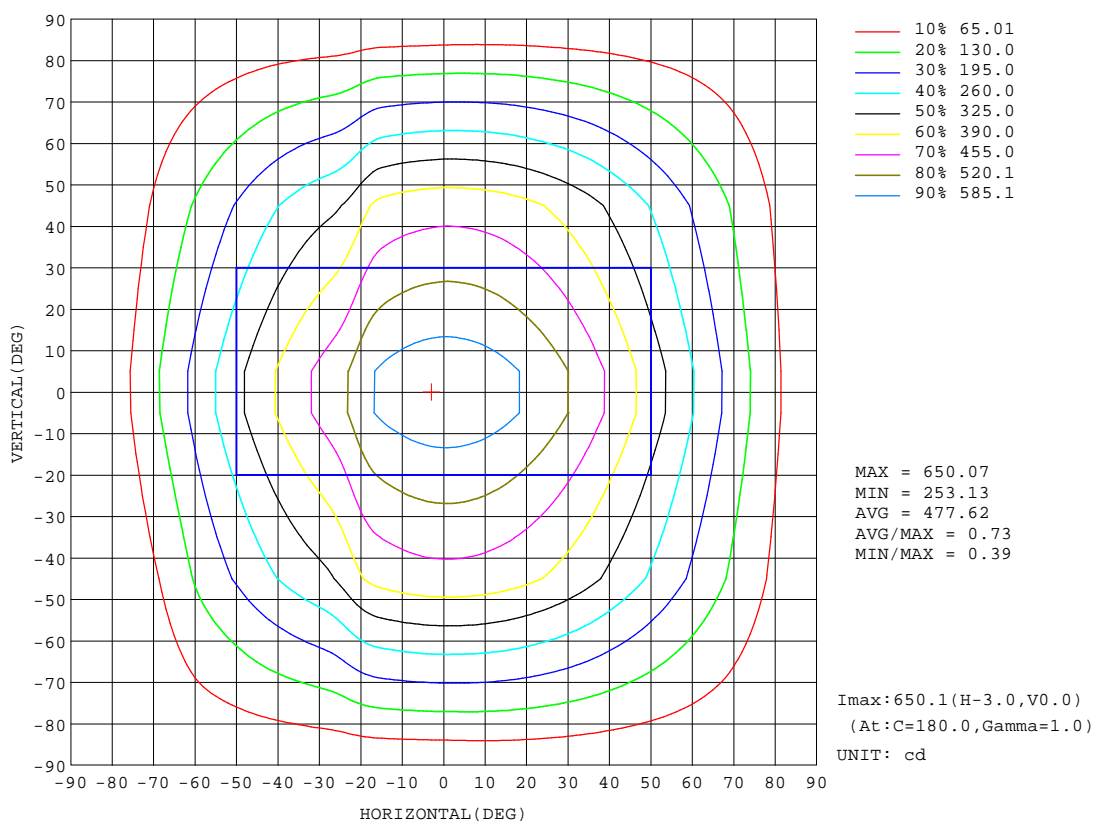
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	44	33	27	42	32	26	38	30	24	17
0.80	54	42	35	51	40	34	45	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	60	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	83	76	71	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:120.2V I:0.2170A P:25.90W PF:0.9920 Lamp Flux:3247.37x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:4000K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:



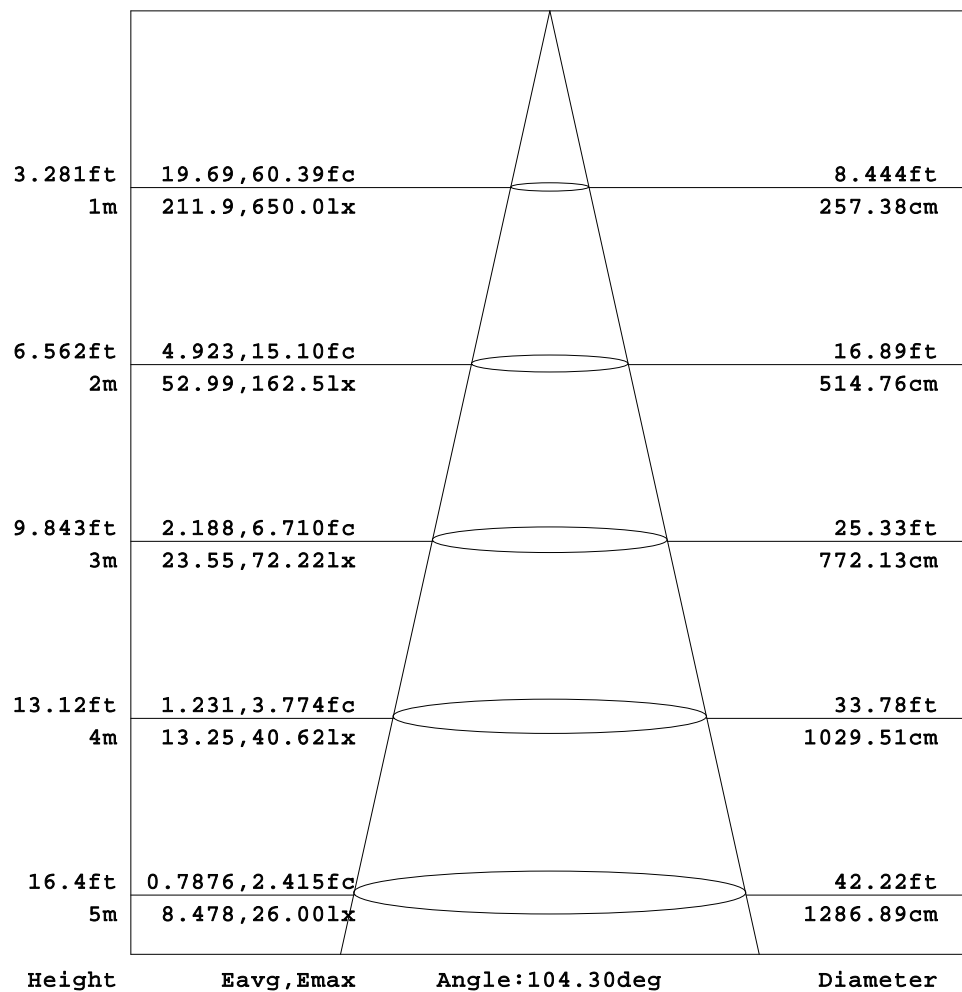
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 26.3DEG  
Operators: Ethan  
Test Date: 2021-08-16

$\gamma$  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:0.2170A P:25.90W PF:0.9920 Lamp Flux:3247.37x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:4000K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:

Flux out:1131 lm



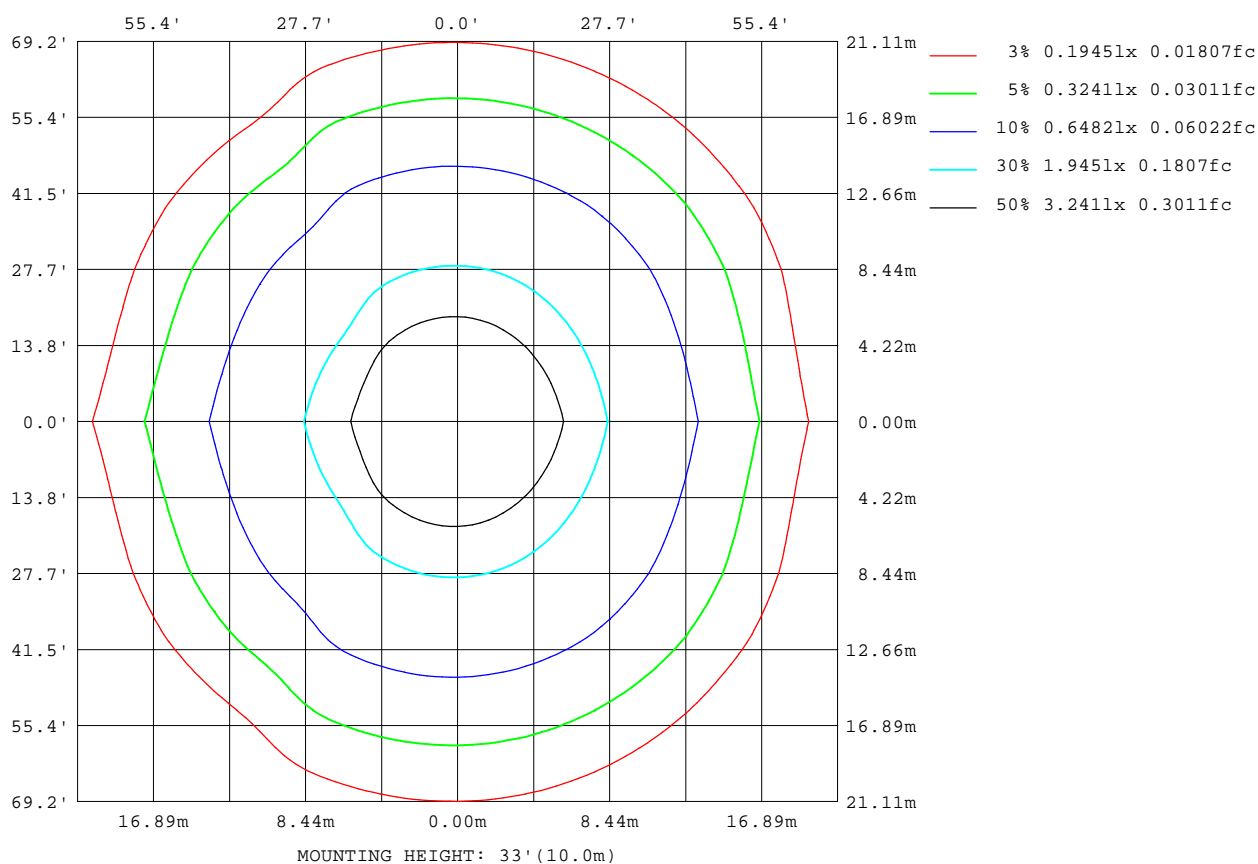
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

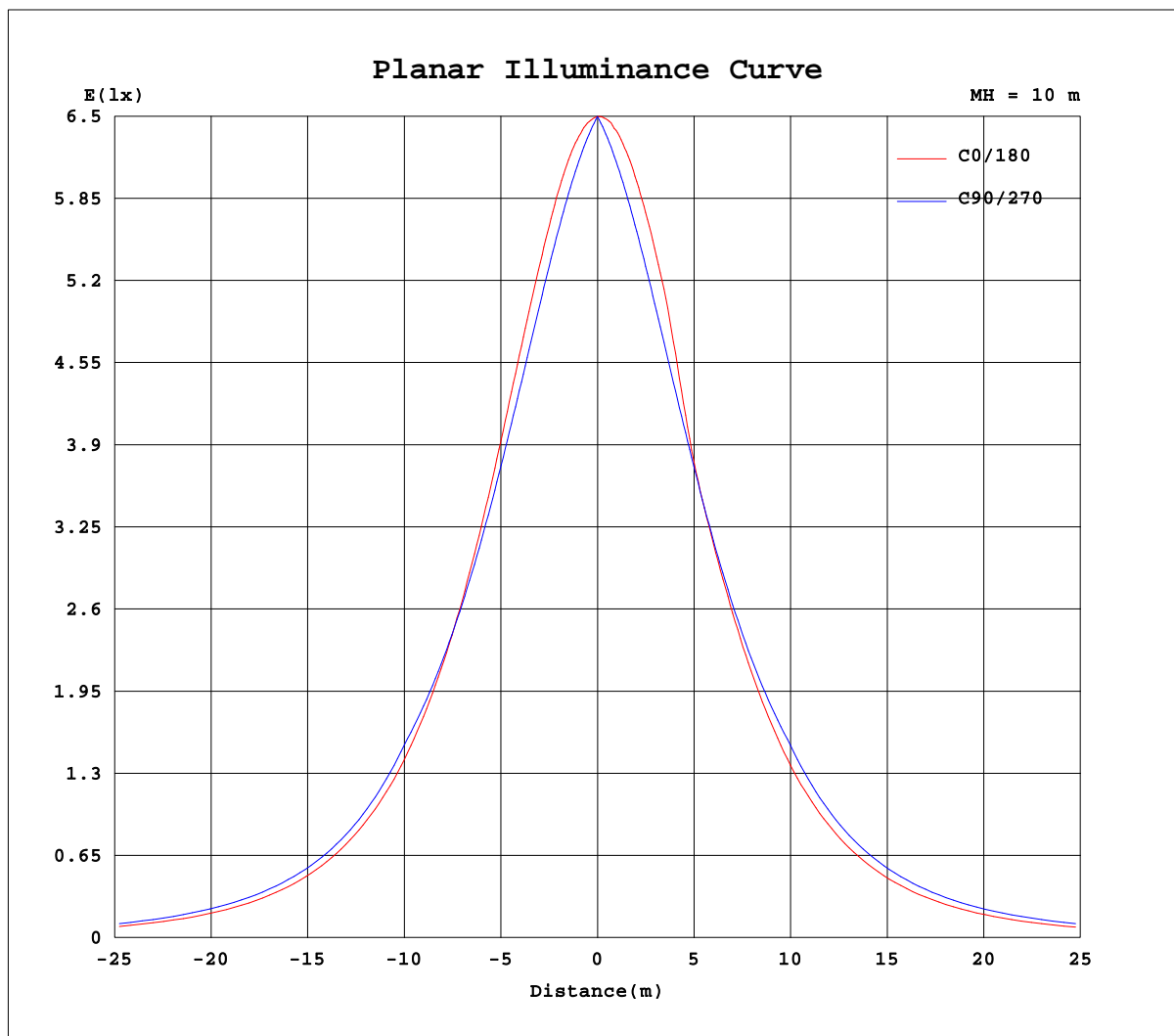
Test:U:120.2V I:0.2170A P:25.90W PF:0.9920 Lamp Flux:3247.37x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:4000K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:



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:0.2170A P:25.90W PF:0.9920 Lamp Flux:3247.37x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:4000K	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	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650
5	644	642	640	638	636	635	633	632	631	630	629	628	627	626	626	626	626	626	626
10	632	628	624	621	618	615	612	610	608	607	605	604	603	602	602	601	601	601	602
15	613	607	602	597	593	590	587	584	582	580	579	578	578	577	576	576	577	577	577
20	589	582	575	570	565	561	558	555	553	552	551	551	551	551	551	552	552	553	553
25	560	551	544	538	533	529	526	524	523	522	522	523	524	524	526	527	527	528	529
30	525	515	507	501	496	493	491	490	490	491	492	494	495	498	499	501	503	504	505
35	486	475	467	461	457	454	454	455	456	459	461	464	468	471	474	476	478	480	481
40	445	433	424	418	415	414	415	418	421	426	430	435	439	444	448	451	454	455	456
45	399	387	379	374	372	373	376	380	386	392	399	405	411	417	422	426	429	431	432
50	352	339	331	328	328	331	336	343	351	359	368	376	380	381	382	383	384	384	385
55	303	290	284	281	284	289	296	305	316	326	328	330	331	333	335	336	337	337	338
60	253	241	235	236	240	248	258	270	272	275	278	281	283	285	287	289	290	291	291
65	203	192	189	192	199	210	217	220	223	226	230	233	236	239	241	242	243	244	244
70	154	144	144	150	161	165	169	172	176	179	183	187	190	192	194	196	197	197	197
75	107	98.6	102	111	116	120	123	127	131	134	138	141	144	146	148	149	150	150	150
80	62.0	57.4	65.3	69.7	74.5	78.6	82.0	85.2	87.9	90.9	93.8	96.5	98.8	101	102	103	104	104	103
85	22.0	23.3	30.3	35.1	38.5	41.5	43.6	45.4	46.9	48.7	50.6	52.5	54.1	55.6	56.7	57.2	57.4	56.9	55.4
90	4.74	5.56	5.98	6.29	6.55	6.66	6.72	6.71	6.72	7.15	8.02	8.82	9.70	10.5	11.1	11.2	11.0	10.1	8.31
95	6.69	9.27	21.2	28.4	31.9	34.4	36.5	38.1	39.6	41.2	43.1	44.8	46.5	48.1	49.4	50.1	50.5	50.1	49.0
100	46.0	41.8	49.7	56.4	60.3	64.4	67.7	70.5	73.2	75.9	78.6	81.1	83.6	85.8	87.7	89.0	90.0	90.2	89.6
105	88.2	80.6	83.0	89.8	93.6	97.7	101	105	108	112	115	118	121	124	126	128	129	130	130
110	130	121	119	123	131	135	138	142	145	149	152	156	159	162	165	167	169	170	171
115	175	163	159	160	165	173	178	181	184	188	191	195	198	201	204	207	209	210	212
120	220	208	201	200	202	208	214	223	225	228	231	234	238	241	244	246	249	251	252
125	265	252	245	241	242	244	249	256	263	270	272	275	278	281	284	286	289	291	293
130	310	297	288	283	282	283	286	290	296	302	308	315	319	322	324	327	329	331	334
135	353	340	331	326	322	322	323	325	329	334	339	344	350	355	360	364	368	371	374
140	395	383	373	367	362	361	360	361	364	367	370	375	379	383	387	390	394	397	399
145	434	423	414	407	402	398	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	450
155	505	496	488	481	476	472	469	467	466	465	464	464	465	466	467	469	471	473	475
160	535	528	521	515	509	505	502	499	496	494	493	493	493	494	494	495	497	498	500
165	558	552	547	542	537	533	530	527	525	524	522	522	521	521	521	522	523	523	525
170	577	573	569	565	562	560	557	555	553	551	550	549	548	548	548	548	548	549	550
175	591	589	587	585	583	582	580	579	578	577	576	576	575	574	574	574	574	575	575
180	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600

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:0.2170A P:25.90W PF:0.9920 Lamp Flux:3247.37x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:4000K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:

Table--2

UNIT: cd

C(DEC) γ (DEC)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650
5	626	626	627	627	628	629	630	631	633	634	636	637	638	640	642	644	646	648	646
10	602	602	603	604	605	606	608	610	611	613	616	619	622	625	628	632	636	640	636
15	578	578	579	580	581	582	584	586	588	590	592	596	599	604	608	613	619	625	619
20	554	554	555	555	556	557	558	559	561	563	566	568	572	576	581	586	593	600	592
25	530	530	530	530	530	530	530	531	531	533	531	529	526	524	525	529	535	543	534
30	505	505	505	504	503	503	502	501	495	487	476	469	466	468	474	481	490	501	490
35	481	481	480	478	476	475	472	461	446	431	424	423	425	430	436	445	455	467	455
40	457	456	454	452	450	446	434	414	395	387	385	386	388	392	397	405	416	429	416
45	432	431	429	426	422	413	391	367	355	352	350	349	350	351	355	362	372	386	372
50	386	386	386	386	385	374	348	329	322	318	315	311	309	308	311	316	326	340	325
55	338	338	338	338	334	317	296	290	290	285	279	273	268	265	265	269	277	292	277
60	291	291	290	289	283	263	248	246	246	245	244	235	227	222	219	221	228	242	228
65	244	243	243	242	233	214	205	204	203	201	198	195	188	180	174	171	177	192	178
70	197	196	195	194	184	169	164	162	160	158	154	150	146	139	125	120	126	142	130
75	150	149	148	147	137	126	123	122	120	116	113	109	104	91.5	79.3	74.0	77.5	93.0	83.1
80	102	102	101	99.5	92.4	85.1	83.3	81.7	80.0	77.5	74.4	71.1	64.5	53.7	43.6	34.4	35.8	47.8	41.2
85	55.1	54.6	54.0	52.8	48.6	44.9	43.6	42.5	41.3	39.8	38.2	36.3	31.7	25.7	19.7	13.2	7.14	10.4	9.56
90	7.83	7.49	6.99	6.30	5.37	5.05	4.21	3.58	3.24	3.08	3.27	3.12	3.04	3.07	3.14	3.23	3.29	3.29	3.30
95	48.9	48.8	48.4	47.9	47.1	46.2	42.4	38.7	37.5	36.6	35.7	34.3	36.1	33.6	31.9	29.9	29.2	35.0	16.0
100	89.9	90.0	89.9	89.5	88.8	87.7	81.6	74.5	72.0	70.9	68.8	67.5	69.3	67.8	64.2	64.4	61.6	68.7	47.1
105	131	131	131	131	131	130	122	112	107	106	104	103	100	108	104	99.7	104	109	91.0
110	172	173	173	173	173	172	165	152	144	143	140	139	139	140	140	139	147	155	136
115	213	214	215	215	215	215	210	196	183	180	181	178	176	173	172	177	180	186	175
120	254	255	256	257	257	258	257	243	228	220	220	213	210	209	212	218	228	234	219
125	295	296	298	299	300	301	302	296	280	261	247	236	234	242	249	257	268	259	246
130	336	338	340	341	343	344	344	337	321	304	288	274	263	252	260	277	292	293	276
135	376	377	378	378	377	375	374	366	357	346	335	326	315	305	300	295	294	315	304
140	401	403	404	404	404	404	403	402	391	383	377	372	370	369	369	370	375	379	367
145	426	428	429	430	431	431	432	433	433	425	414	410	410	412	416	423	432	447	432
150	451	453	455	456	457	459	460	462	464	467	468	462	455	451	452	456	463	475	464
155	476	478	480	482	484	485	488	490	493	496	500	504	510	515	520	525	531	544	534
160	501	503	505	507	509	511	514	516	520	524	527	532	537	543	549	556	564	574	564
165	526	527	529	531	533	536	538	541	544	547	551	555	560	565	571	576	583	589	582
170	551	552	553	555	557	559	560	563	566	569	572	575	579	582	586	590	594	599	594
175	576	576	577	578	579	580	581	583	584	586	588	590	592	594	596	598	600	603	600
180	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600

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:0.2170A P:25.90W PF:0.9920 Lamp Flux:3247.37x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:4000K	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	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650
5	644	642	640	638	637	635	634	632	631	630	629	628	627	627	626	626	626	625	625
10	632	628	625	621	618	616	613	611	609	608	606	605	604	603	602	602	601	601	601
15	613	608	603	599	595	592	589	587	585	583	581	581	579	579	578	577	577	576	576
20	586	580	575	571	567	565	562	560	558	557	556	555	554	553	553	553	552	552	551
25	527	522	520	521	524	527	530	530	530	529	529	529	529	529	529	529	528	527	527
30	480	472	466	462	463	468	478	489	497	500	501	502	503	503	504	504	504	503	502
35	444	436	429	424	420	419	422	433	451	466	472	475	477	478	479	479	479	478	477
40	405	397	391	387	385	384	383	386	399	421	440	447	450	452	454	455	455	454	453
45	361	355	350	348	348	349	350	351	356	373	400	419	424	427	429	430	431	430	428
50	315	310	307	308	310	313	317	320	323	331	354	378	383	383	383	384	384	383	383
55	268	263	263	266	271	277	283	288	287	286	298	323	334	335	336	336	336	336	335
60	220	218	220	225	232	242	243	244	244	243	249	270	286	288	288	289	289	289	288
65	173	173	178	186	192	195	199	201	202	202	204	220	237	240	240	241	242	242	242
70	127	131	139	144	148	152	156	159	161	161	162	173	189	192	193	194	195	195	195
75	84.7	92.2	97.6	103	107	111	115	118	120	121	122	128	141	145	146	147	148	148	148
80	47.1	54.7	60.8	65.7	69.8	73.1	76.0	78.8	80.4	81.5	81.8	85.7	94.8	97.7	98.5	99.3	100	101	101
85	18.6	25.4	29.9	33.0	35.5	37.3	38.9	40.5	41.5	42.0	42.2	44.1	48.9	50.5	51.2	52.1	53.3	54.2	54.7
90	3.18	2.88	2.85	2.81	2.81	2.66	2.62	2.77	2.84	2.82	2.81	3.10	3.41	3.45	3.97	4.78	6.13	7.22	8.00
95	16.2	23.2	27.5	33.7	34.1	32.4	32.8	33.3	34.5	35.3	38.7	43.6	43.3	43.1	43.6	44.3	45.6	46.4	46.9
100	41.6	49.5	57.6	66.8	65.9	61.6	63.6	64.1	66.4	68.1	75.9	84.2	83.2	82.8	83.1	83.9	85.0	85.6	85.8
105	84.0	85.4	99.2	101	98.2	91.8	95.3	96.0	98.4	102	116	125	123	122	123	123	124	125	125
110	125	131	139	136	126	127	128	130	131	137	159	165	163	162	162	163	164	164	164
115	171	170	167	163	159	162	161	165	167	176	204	205	203	202	202	203	203	203	203
120	207	198	191	191	192	196	199	199	204	223	248	245	243	242	242	242	243	243	242
125	237	232	225	216	220	227	234	238	247	280	290	286	283	282	281	282	282	282	282
130	258	247	248	251	258	266	270	277	300	332	331	326	323	322	321	321	322	321	321
135	297	293	294	300	305	308	310	323	353	363	361	359	359	360	360	361	361	360	359
140	361	358	355	353	350	350	359	381	394	392	390	388	388	388	388	388	388	387	385
145	419	408	400	394	394	404	420	427	424	421	419	417	416	416	415	415	414	413	412
150	454	448	448	453	461	465	461	457	453	450	448	446	445	444	442	442	441	440	438
155	527	521	514	507	501	495	490	486	482	479	476	474	473	471	470	469	467	466	465
160	556	548	541	534	528	523	518	514	510	507	504	502	500	498	496	495	494	493	492
165	575	569	564	558	553	548	544	540	536	534	531	529	526	525	523	521	520	519	519
170	590	585	581	577	573	570	567	564	561	558	556	554	552	550	549	548	547	546	546
175	598	596	594	591	589	588	586	584	582	580	579	578	577	576	575	574	573	573	573
180	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600

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:0.2170A P:25.90W PF:0.9920 Lamp Flux:3247.37x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:4000K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:

Table--4

UNIT: cd

C(DEC) γ (DEC)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	650	650	650	650	650	650	650	650	650	650	650	650	650	650	650				
5	625	626	626	627	628	628	629	631	632	633	635	636	638	640	642				
10	601	601	602	602	603	605	606	608	610	612	615	618	621	624	628				
15	576	576	577	577	578	579	580	582	584	586	589	593	597	602	607				
20	551	551	551	551	551	551	552	553	555	558	561	565	570	576	582				
25	526	525	524	524	523	522	522	523	524	526	529	533	538	544	551				
30	501	499	498	496	494	493	492	491	491	492	494	497	501	507	515				
35	475	473	471	468	465	462	459	457	456	455	455	458	462	467	475				
40	450	448	444	440	436	431	427	423	419	417	416	416	419	425	434				
45	425	422	418	412	406	401	394	389	382	378	375	373	375	380	388				
50	382	382	382	381	378	370	362	354	346	338	333	330	329	332	340				
55	335	334	333	332	331	330	329	320	309	300	292	286	284	285	291				
60	288	287	286	284	283	281	278	276	274	263	252	244	239	237	242				
65	241	240	239	237	235	232	229	226	224	222	215	203	195	191	193				
70	194	193	192	190	188	185	182	179	176	173	170	166	154	147	145				
75	148	147	145	144	142	139	136	133	130	127	124	121	117	105	101				
80	101	100	99.5	98.3	96.8	94.7	92.5	90.2	87.7	84.7	81.6	78.1	73.8	70.3	60.3				
85	54.7	54.4	53.8	53.1	52.2	51.0	49.7	48.4	47.0	45.3	43.3	40.6	37.6	33.7	28.1				
90	8.34	8.40	8.31	8.13	7.94	7.77	7.57	7.54	7.56	7.43	7.21	7.07	7.02	7.06	7.11				
95	46.8	46.3	45.5	44.5	43.4	42.2	40.8	39.2	37.7	35.7	33.1	30.2	25.7	16.9	5.80				
100	85.3	84.3	82.9	81.2	79.2	77.0	74.5	71.8	69.0	65.5	61.4	56.6	51.3	42.2	36.2				
105	124	122	121	118	116	113	110	106	102	98.0	93.6	88.3	83.5	77.4	76.4				
110	163	161	159	156	153	150	146	142	138	134	130	125	117	115	117				
115	201	200	197	194	191	188	184	180	177	173	167	160	156	155	160				
120	241	239	236	233	230	227	224	221	218	209	203	198	196	198	205				
125	280	278	276	274	271	268	266	259	251	245	240	237	238	241	250				
130	320	318	316	314	310	304	298	292	286	282	279	278	280	285	294				
135	357	353	349	345	340	335	330	325	322	319	318	319	322	329	338				
140	383	380	377	374	370	367	363	360	358	357	358	360	364	371	381				
145	410	408	405	403	401	399	396	395	394	394	396	399	404	411	421				
150	437	435	434	432	431	430	429	429	430	431	434	438	443	450	459				
155	464	463	462	461	461	461	462	463	464	467	470	474	480	487	495				
160	491	490	490	490	490	491	492	494	497	499	503	508	513	519	526				
165	518	518	518	518	519	520	521	523	526	528	532	536	540	546	551				
170	546	545	546	546	547	548	550	551	553	555	558	561	564	568	572				
175	573	573	573	574	574	575	576	577	578	579	581	582	584	586	588				
180	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600				

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