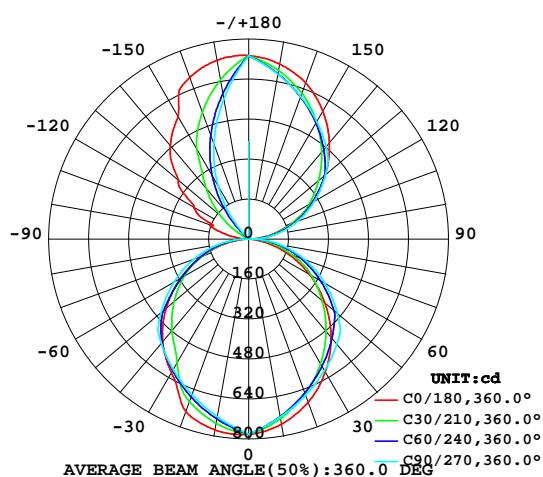


## LUMINAIRE PHOTOMETRIC TEST REPORT

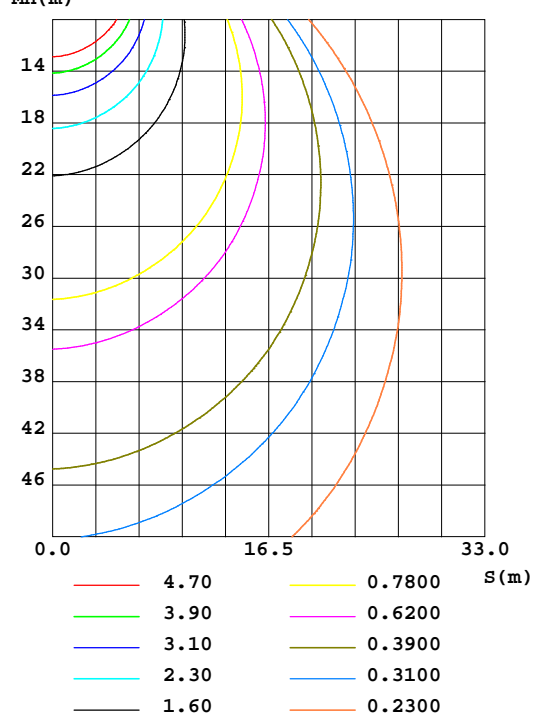
Test:U:120.2V I:0.2620A P:31.40W PF:0.9950 Lamp Flux:3431.7x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:3500K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 109.29 lm/W			
MODEL		Imax(cd)	783.2	S/MH(C0/180)	1.18
NOMINAL POWER(W)	32	LOR(%)	100.0	S/MH(C90/270)	1.17
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	3431.7	$\eta$ UP,DN(C0-180)	27.5,30.1
NOMINAL FLUX(lm)	3431.7	CIE CLASS	SEMI-D.	$\eta$ UP,DN(C180-360)	12.4,30.0
LAMPS INSIDE	1	$\eta$ up(%)	39.9	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.2	$\eta$ down(%)	60.1	CIBSE SHR MAX	1.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



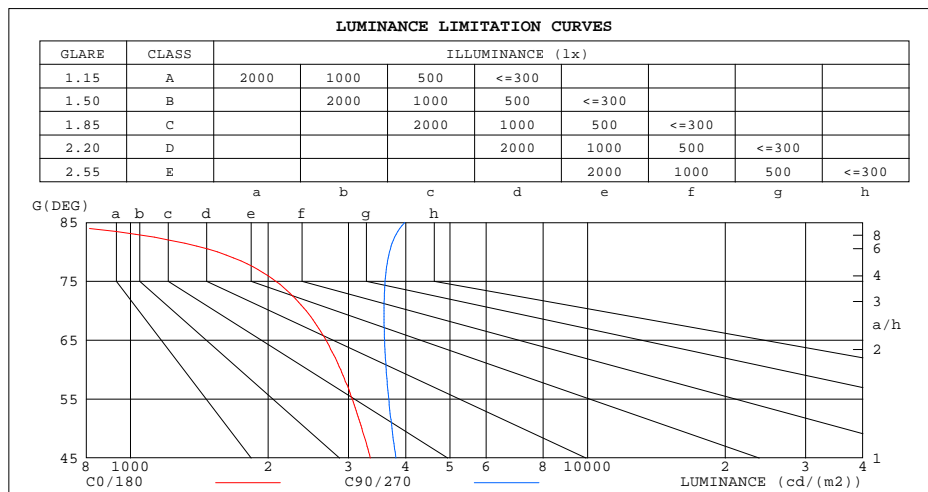
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:26.3DEG  
 Operators:Ethan  
 Test Date:2021-08-16

$\gamma$  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 1:1

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	770.9	754.5	752.2	762.5	783.2	762.0	751.6	754.1	0- 5	18.35	18.35	0.53,0.53
10	752.5	724.0	723.2	739.4	775.9	738.4	722.0	723.3	5- 10	53.44	71.80	2.09,2.09
15	726.0	690.6	694.2	712.7	760.3	711.2	692.4	689.5	10- 15	85.48	157.3	4.58,4.58
20	694.8	654.7	665.2	682.3	735.8	680.3	662.8	653.4	15- 20	113.8	271.1	7.9,7.9
25	658.5	617.0	636.3	649.5	670.0	646.7	633.2	615.8	20- 25	137.6	408.7	11.9,11.9
30	613.8	578.3	607.3	609.1	618.9	602.9	603.6	577.1	25- 30	155.5	564.1	16.4,16.4
35	565.0	538.4	578.3	549.7	579.2	539.3	573.9	537.3	30- 35	168.6	732.7	21.4,21.4
40	513.7	497.6	549.3	488.3	535.3	479.2	544.3	496.9	35- 40	177.3	910.0	26.5,26.5
45	457.1	457.0	520.3	441.3	485.7	434.7	514.7	456.8	40- 45	181.3	1091	31.8,31.8
50	398.4	416.2	463.6	403.1	431.4	397.5	458.2	416.4	45- 50	179.7	1271	37,37
55	338.9	374.8	407.0	366.0	374.6	359.6	401.7	375.7	50- 55	171.0	1442	42,42
60	278.6	315.0	350.3	311.7	315.1	305.8	345.2	315.8	55- 60	156.8	1599	46.6,46.6
65	218.6	257.7	293.7	257.9	254.7	252.6	288.7	258.6	60- 65	138.1	1737	50.6,50.6
70	160.1	203.1	237.0	204.9	194.8	200.6	232.2	203.5	65- 70	116.0	1853	54,54
75	104.1	151.3	180.4	153.5	136.1	149.8	175.8	151.2	70- 75	91.37	1944	56.7,56.7
80	52.00	101.6	123.7	103.3	78.11	100.2	119.3	101.2	75- 80	65.44	2010	58.6,58.6
85	10.35	53.58	67.07	54.02	27.72	51.62	62.76	52.69	80- 85	39.49	2049	59.7,59.7
90	4.275	6.474	10.41	5.448	3.429	3.711	6.261	4.977	85- 90	14.86	2064	60.1,60.1
95	24.41	50.90	59.34	42.93	28.54	3.141	5.565	4.200	90- 95	8.671	2073	60.4,60.4
100	78.55	95.86	108.3	81.79	71.21	2.593	4.869	3.440	95-100	20.87	2094	61,61
105	129.0	142.0	157.2	122.3	124.0	2.070	4.174	2.702	100-105	33.73	2127	62,62
110	182.1	189.5	206.1	164.1	164.4	1.560	3.478	1.981	105-110	46.02	2173	63.3,63.3
115	236.7	238.8	255.0	209.2	212.0	1.039	2.783	1.294	110-115	58.74	2232	65,65
120	291.9	289.6	303.9	260.4	253.7	0.5220	2.087	0.6446	115-120	71.93	2304	67.1,67.1
125	347.2	342.2	352.9	320.9	316.1	0.0257	1.391	0.0313	120-125	84.42	2389	69.6,69.6
130	401.0	380.5	401.8	371.8	367.5	59.13	0.6956	61.61	125-130	96.39	2485	72.4,72.4
135	453.2	419.4	450.7	417.2	437.1	122.5	0	128.1	130-135	107.3	2592	75.5,75.5
140	502.9	458.7	482.1	463.2	488.1	196.8	81.64	196.1	135-140	117.6	2710	79,79
145	549.6	498.2	513.6	512.9	528.9	276.4	163.3	265.2	140-145	124.2	2834	82.6,82.6
150	593.0	537.6	545.0	552.0	566.1	347.2	244.9	334.9	145-150	125.7	2960	86.2,86.2
155	632.2	575.2	576.4	589.1	657.8	417.1	326.6	404.6	150-155	122.6	3082	89.8,89.8
160	665.8	610.9	607.9	624.1	689.2	486.0	408.2	472.8	155-160	112.8	3195	93.1,93.1
165	690.8	645.0	639.3	656.3	711.7	552.5	489.8	541.1	160-165	96.60	3292	95.9,95.9
170	711.8	677.6	670.7	686.2	726.8	617.1	571.5	608.0	165-170	74.91	3367	98.1,98.1
175	726.3	707.3	702.2	711.7	734.7	677.7	653.1	672.6	170-175	48.20	3415	99.5,99.5
180	733.6	733.6	733.6	733.6	734.8	734.8	734.8	734.8	175-180	16.96	3432	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G(°)	C0/180	C90/270
85	615	3983
80	1550	3688
75	2081	3607
70	2422	3587
65	2677	3597
60	2884	3627
55	3058	3673
50	3208	3733
45	3346	3808

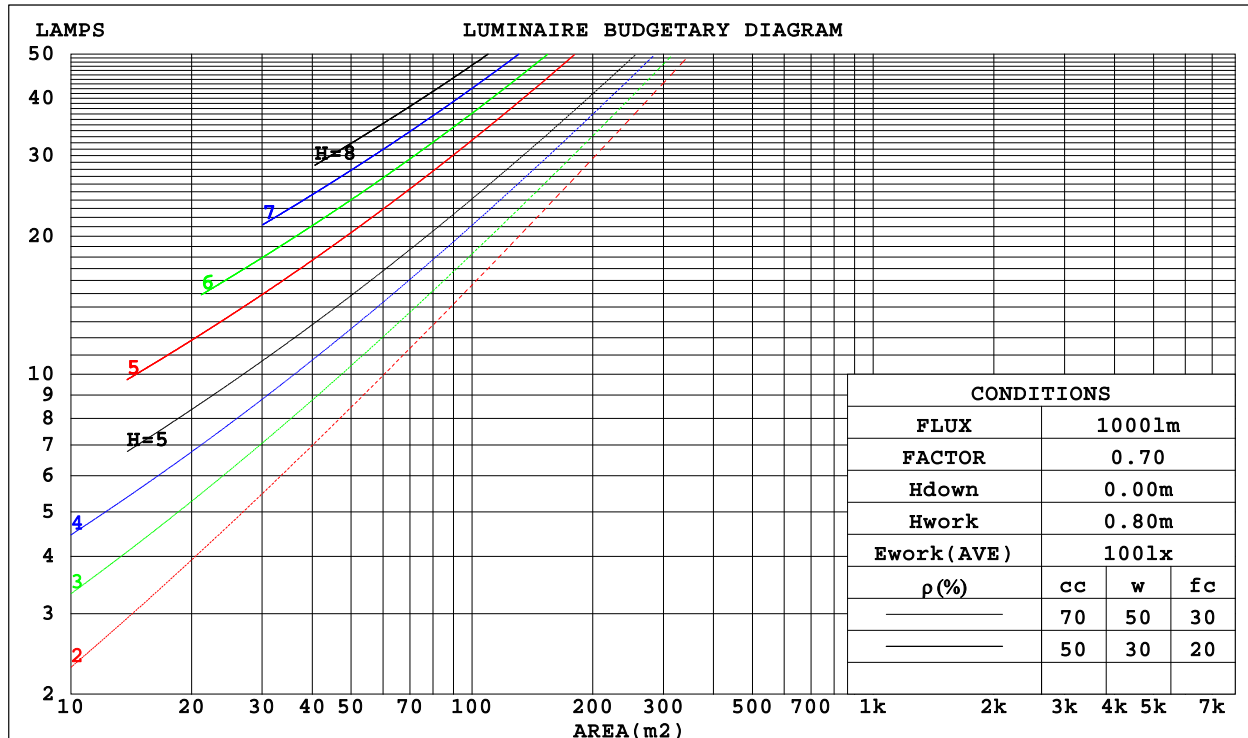
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 26.3DEG  
Operators: Ethan  
Test Date: 2021-08-16

$\gamma$  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 1:1

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.2V I:0.2620A P:31.40W PF:0.9950 Lamp Flux:3431.7x1 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	1.10	1.10	1.10	1.02	1.02	1.02	.89	.89	.89	.77	.77	.77	.65	.65	.65	.60
1.0	.95	.91	.87	.89	.85	.82	.77	.75	.72	.67	.65	.63	.57	.56	.54	.50
2.0	.83	.76	.71	.77	.72	.67	.68	.63	.60	.58	.55	.52	.50	.48	.45	.41
3.0	.73	.65	.59	.68	.61	.56	.59	.54	.50	.52	.47	.44	.44	.41	.38	.35
4.0	.64	.56	.50	.60	.53	.47	.53	.47	.42	.46	.41	.38	.39	.36	.33	.30
5.0	.57	.49	.42	.54	.46	.40	.47	.41	.36	.41	.36	.32	.35	.32	.29	.26
6.0	.51	.43	.37	.48	.41	.35	.42	.36	.32	.37	.32	.28	.32	.28	.25	.22
7.0	.46	.38	.32	.44	.36	.31	.39	.32	.28	.34	.29	.25	.29	.25	.22	.20
8.0	.42	.34	.29	.40	.32	.27	.35	.29	.25	.31	.26	.22	.27	.23	.20	.18
9.0	.38	.31	.26	.36	.29	.24	.32	.26	.22	.28	.24	.20	.25	.21	.18	.16
10.0	.35	.28	.23	.33	.27	.22	.30	.24	.20	.26	.22	.18	.23	.19	.16	.14



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 1:1

## WEC AND CCEC

Test:U:120.2V I:0.2620A P:31.40W PF:0.9950 Lamp Flux:3431.7x1 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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.295	.168	.053	.276	.157	.050	.240	.138	.044	.207	.120	.038	.177	.103	.033	
2.0	.273	.150	.046	.256	.141	.043	.223	.124	.039	.193	.108	.034	.166	.094	.030	
3.0	.251	.134	.040	.236	.126	.038	.206	.112	.034	.179	.098	.030	.153	.085	.026	
4.0	.232	.120	.035	.217	.114	.034	.190	.101	.030	.165	.089	.027	.142	.077	.023	
5.0	.214	.109	.032	.201	.103	.030	.176	.092	.027	.153	.081	.024	.131	.070	.021	
6.0	.199	.100	.029	.187	.094	.027	.164	.084	.024	.142	.074	.022	.122	.064	.019	
7.0	.185	.092	.026	.174	.087	.025	.153	.077	.022	.133	.068	.020	.114	.059	.017	
8.0	.173	.085	.024	.163	.080	.023	.143	.071	.020	.125	.063	.018	.107	.055	.016	
9.0	.162	.079	.022	.153	.074	.021	.134	.066	.019	.117	.059	.017	.101	.051	.015	
10.0	.153	.073	.020	.144	.069	.019	.127	.062	.017	.110	.055	.016	.095	.048	.014	

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	.494	.494	.494	.422	.422	.422	.288	.288	.288	.166	.166	.166	.053	.053	.053	
1.0	.485	.462	.442	.415	.397	.380	.284	.273	.263	.164	.158	.153	.052	.051	.049	
2.0	.478	.440	.408	.409	.379	.353	.281	.262	.246	.162	.152	.144	.052	.049	.047	
3.0	.471	.424	.387	.404	.366	.335	.277	.254	.235	.160	.148	.139	.051	.048	.045	
4.0	.464	.412	.372	.398	.356	.323	.274	.248	.228	.158	.145	.135	.051	.047	.044	
5.0	.457	.402	.362	.392	.348	.315	.270	.243	.222	.157	.143	.132	.050	.047	.043	
6.0	.451	.395	.354	.387	.342	.309	.267	.239	.218	.155	.141	.130	.050	.046	.043	
7.0	.444	.388	.349	.382	.337	.304	.264	.236	.216	.153	.139	.128	.050	.046	.042	
8.0	.438	.383	.345	.377	.332	.301	.261	.233	.213	.152	.138	.127	.049	.045	.042	
9.0	.433	.378	.342	.373	.328	.298	.258	.231	.212	.151	.136	.126	.049	.045	.042	
10.0	.428	.375	.339	.369	.325	.296	.256	.229	.210	.149	.135	.126	.048	.044	.042	

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 1:1

## Uncorrected UGR Table

Test:U:120.2V I:0.2620A P:31.40W PF:0.9950 Lamp Flux:3431.7x1 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	13.7	14.8	14.5	15.5	16.5	15.0	16.1	15.8	16.8	17.8	
	3H	14.9	15.9	15.7	16.6	17.6	16.7	17.7	17.5	18.5	19.4
	4H	15.3	16.2	16.1	17.0	18.0	17.5	18.4	18.3	19.2	20.2
	6H	15.5	16.3	16.3	17.1	18.2	18.1	18.9	18.9	19.8	20.8
	8H	15.5	16.3	16.3	17.1	18.1	18.4	19.2	19.2	20.0	21.0
	12H	15.5	16.2	16.3	17.0	18.1	18.6	19.3	19.4	20.2	21.2
4H	2H	14.4	15.3	15.2	16.1	17.1	15.4	16.3	16.2	17.1	18.1
	3H	15.8	16.6	16.7	17.4	18.5	17.3	18.0	18.1	18.9	19.9
	4H	16.4	17.0	17.2	17.9	19.0	18.2	18.9	19.0	19.7	20.8
	6H	16.7	17.3	17.6	18.1	19.2	19.0	19.6	19.9	20.5	21.6
	8H	16.7	17.3	17.6	18.2	19.3	19.3	19.9	20.2	20.8	21.9
	12H	16.7	17.2	17.6	18.1	19.2	19.6	20.1	20.5	21.0	22.1
8H	4H	16.7	17.3	17.6	18.2	19.3	18.3	18.9	19.2	19.8	20.9
	6H	17.3	17.7	18.2	18.6	19.8	19.3	19.7	20.2	20.7	21.8
	8H	17.4	17.8	18.4	18.7	19.9	19.7	20.1	20.7	21.1	22.2
	12H	17.5	17.8	18.4	18.8	20.0	20.1	20.5	21.1	21.4	22.6
12H	4H	16.8	17.3	17.7	18.2	19.3	18.3	18.8	19.2	19.7	20.8
	6H	17.4	17.8	18.3	18.7	19.9	19.3	19.7	20.2	20.6	21.8
	8H	17.6	18.0	18.6	18.9	20.1	19.8	20.1	20.8	21.1	22.3
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.1 / - 0.1					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2					

CIE Pub.117 Corrected 3432 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.3)

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 1:1

### UTILIZATION FACTORS TABLE

Test:U:120.2V I:0.2620A P:31.40W PF:0.9950 Lamp Flux:3431.7x1 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:

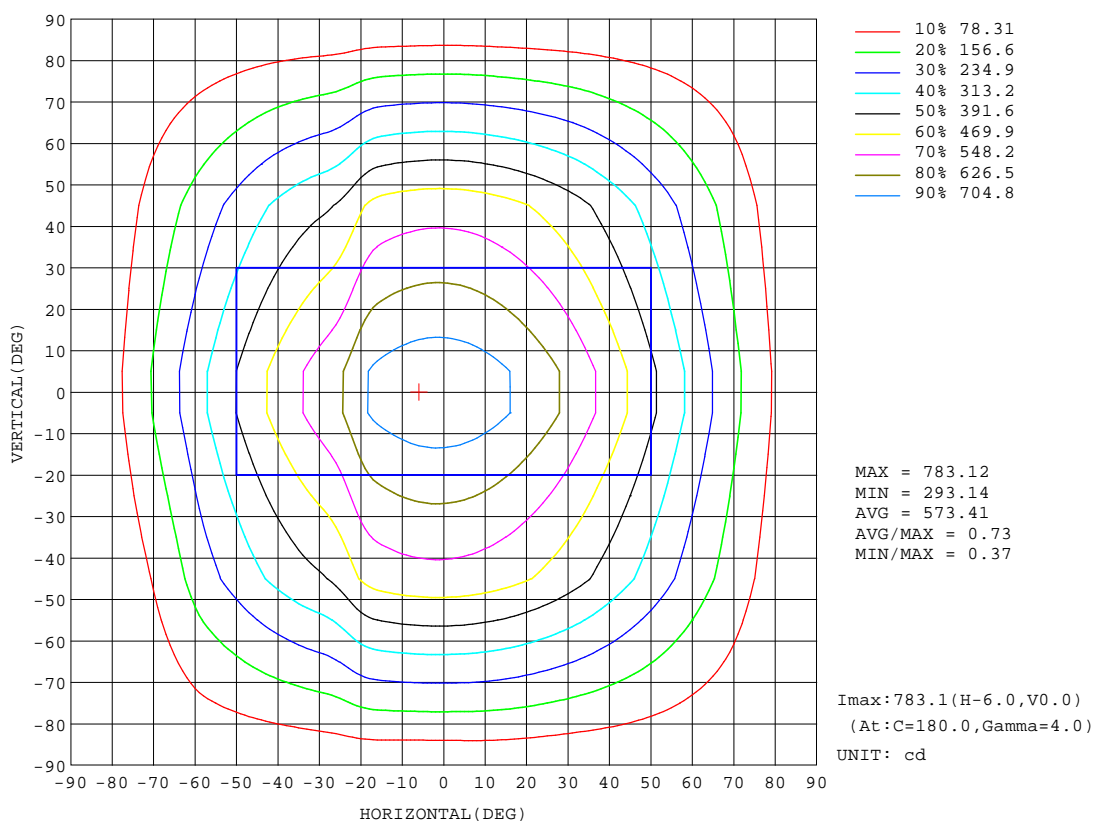
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	47	35	29	44	34	28	41	32	27	19
0.80	56	45	37	53	43	36	48	39	34	24
1.00	64	52	45	61	50	44	54	48	40	29
1.25	71	60	52	67	57	50	60	52	46	34
1.50	76	66	58	72	62	56	63	56	51	37
2.00	83	74	67	78	70	64	69	63	58	41
2.50	87	79	72	82	75	69	72	67	62	44
3.00	91	83	77	85	79	73	75	70	66	46
4.00	95	89	84	89	84	79	78	74	71	49
5.00	98	92	88	92	87	83	80	77	74	51
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

$\gamma$  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 1:1

## ISOCANDELA DIAGRAM

Test:U:120.2V I:0.2620A P:31.40W PF:0.9950 Lamp Flux:3431.7x1 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:



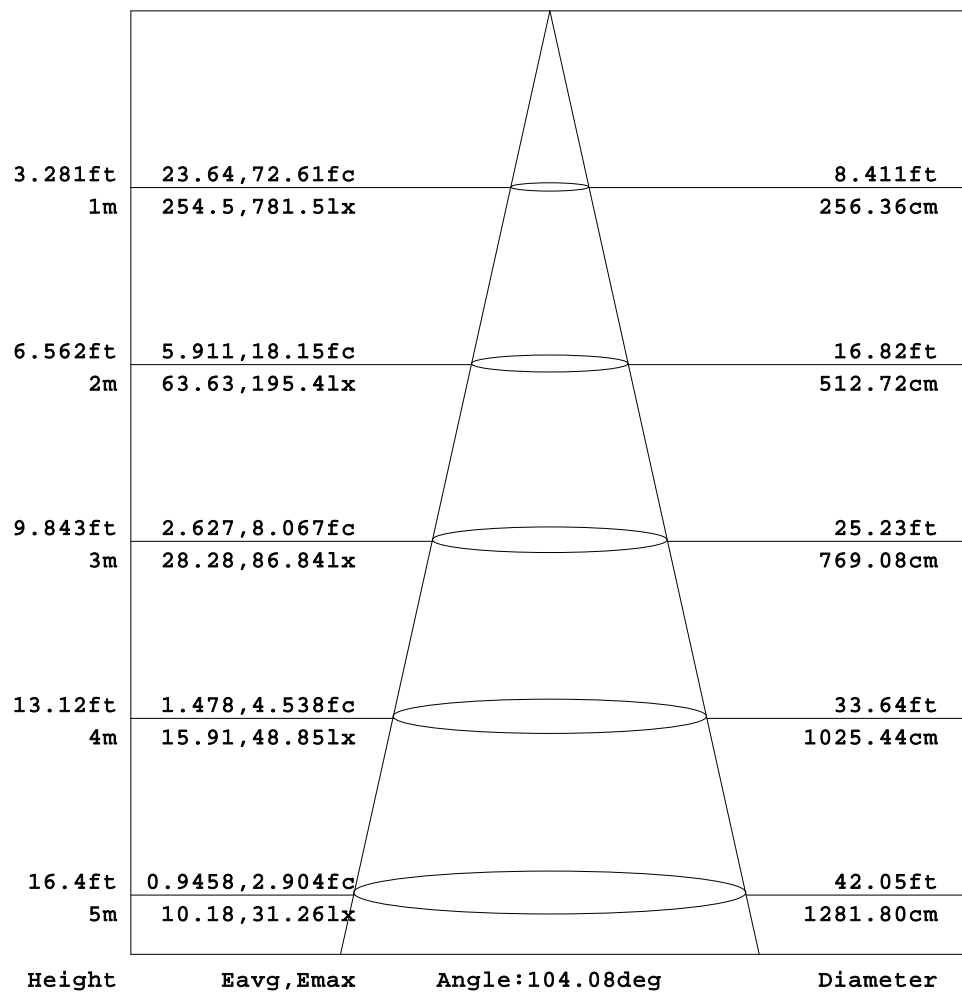
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:26.3DEG  
Operators:Ethan  
Test Date:2021-08-16

$\gamma$  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 1:1

## AAI Figure

Test:U:120.2V I:0.2620A P:31.40W PF:0.9950 Lamp Flux:3431.7x1 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:

Flux out:1358 lm



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

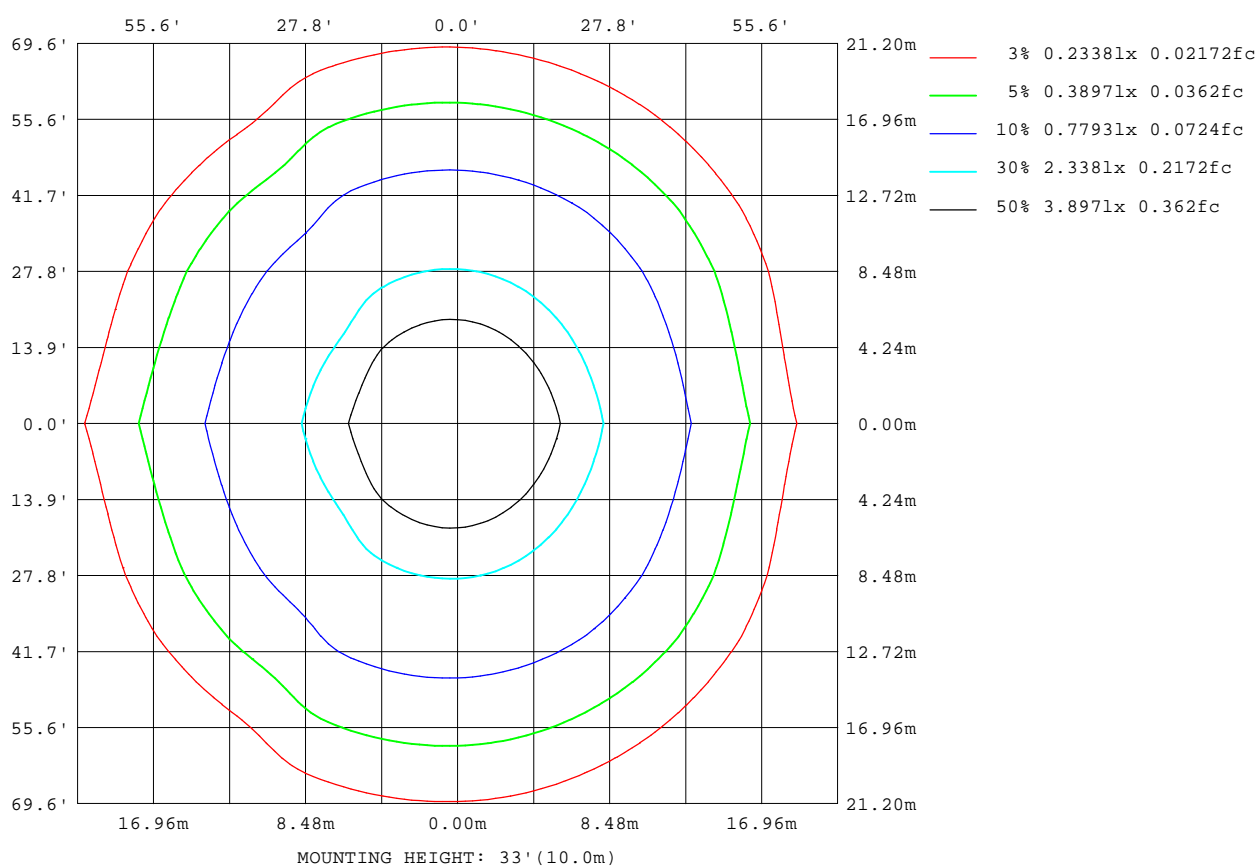
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 26.3DEG  
Operators: Ethan  
Test Date: 2021-08-16

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 1:1



## ISOLUX DIAGRAM

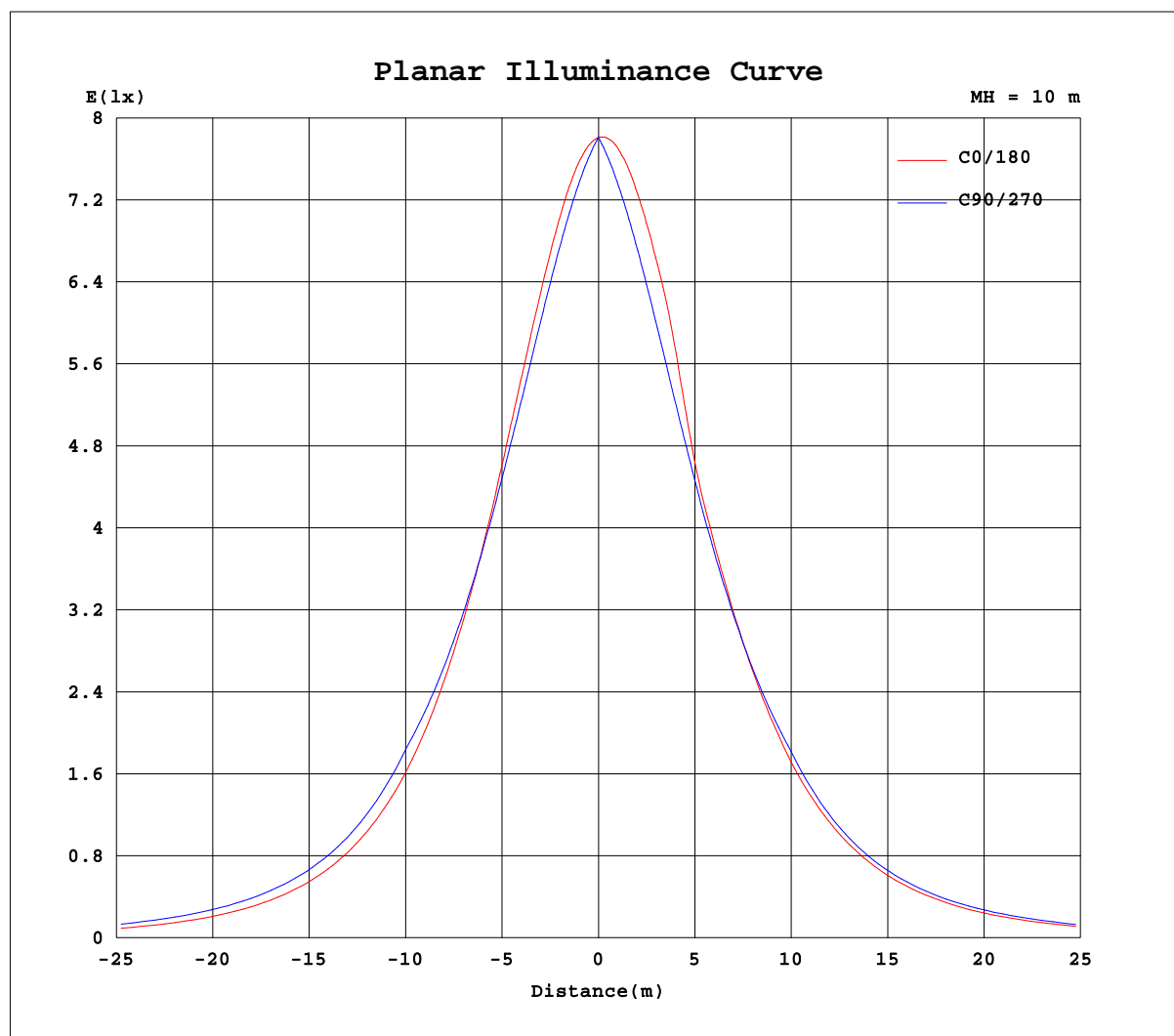
Test:U:120.2V I:0.2620A P:31.40W PF:0.9950 Lamp Flux:3431.7x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:3500K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:



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 1:1

## 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 1:1

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.2V I:0.2620A P:31.40W PF:0.9950 Lamp Flux:3431.7x1 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(°) \ γ (°)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	781	781	781	781	781	781	781	781	781	781	781	781	781	781	781	781	781	781	781
5	771	769	766	764	762	760	758	757	756	755	754	753	752	752	751	751	752	752	752
10	752	748	743	739	736	733	730	727	725	724	723	722	722	721	721	721	722	722	723
15	726	719	713	708	703	700	696	694	692	691	690	689	689	690	690	691	692	693	694
20	695	686	679	673	667	663	659	657	655	655	654	655	656	657	658	660	662	664	665
25	659	648	639	632	626	622	619	617	617	617	618	620	622	624	627	629	632	634	636
30	614	602	593	585	581	578	576	576	577	578	581	584	587	591	595	598	602	605	607
35	565	552	542	535	531	529	530	531	534	538	543	548	553	558	563	568	572	576	578
40	514	500	490	483	480	479	482	486	491	498	505	511	519	525	531	537	542	546	549
45	457	443	433	428	427	428	433	439	448	457	466	475	484	492	500	507	512	517	520
50	398	384	375	372	372	377	384	394	404	416	428	439	446	449	452	455	458	461	464
55	339	324	317	315	318	326	336	348	362	375	380	384	388	392	395	399	402	405	407
60	279	265	259	260	266	276	290	304	310	315	321	326	330	335	339	343	346	349	350
65	219	206	203	207	216	230	241	246	252	258	263	269	274	279	283	287	290	292	294
70	160	149	149	157	170	179	185	191	197	203	209	214	219	224	228	232	234	236	237
75	104	95.4	99.7	112	120	127	133	140	146	151	156	161	165	169	173	176	179	180	180
80	52.0	47.5	57.2	66.5	74.7	81.4	87.2	92.5	97.4	102	106	109	112	115	118	121	123	124	124
85	10.3	11.6	23.0	31.2	36.8	41.3	44.8	48.1	51.0	53.6	55.8	57.5	59.2	61.7	64.2	66.6	68.1	68.2	67.1
90	4.28	4.06	4.09	4.09	4.24	4.34	4.62	5.32	5.95	6.47	6.83	6.79	6.97	8.42	10.2	12.0	12.8	12.2	10.4
95	24.4	30.6	37.6	40.9	42.9	44.5	46.0	47.7	49.4	50.9	52.1	52.9	53.8	55.7	57.8	59.8	61.0	60.7	59.3
100	78.6	73.1	82.0	82.5	84.6	86.6	88.9	91.3	93.8	95.9	97.8	99.3	101	103	106	108	109	109	108
105	129	119	121	130	131	132	134	137	140	142	144	146	148	151	154	156	157	158	157
110	182	170	167	171	179	182	183	185	187	190	192	194	197	199	202	204	206	206	206
115	237	222	216	217	222	229	235	236	237	239	241	243	245	248	250	253	254	255	255
120	292	276	268	265	267	272	280	288	289	290	291	293	295	297	299	301	303	304	304
125	347	331	321	316	315	317	322	328	335	342	342	343	345	347	348	350	351	352	353
130	401	385	373	367	363	363	365	369	375	380	387	393	396	397	398	399	400	401	402
135	453	437	425	417	412	410	410	412	415	419	424	428	433	437	441	445	447	449	451
140	503	487	475	466	460	457	455	455	456	459	462	465	468	471	474	477	479	481	482
145	550	535	523	514	507	502	499	498	498	498	500	502	503	505	507	509	511	512	514
150	593	580	569	560	552	547	543	540	538	538	538	537	538	539	540	541	543	544	545
155	632	621	610	602	594	589	584	580	578	575	573	573	572	572	573	574	575	576	576
160	666	656	647	640	633	627	622	617	613	611	609	607	606	606	606	606	607	607	608
165	691	683	676	670	665	659	655	651	648	645	643	641	640	639	639	638	638	639	639
170	712	707	702	697	693	689	686	682	680	678	676	674	672	672	671	671	670	670	671
175	726	724	721	719	716	714	712	710	709	707	706	705	704	703	703	702	702	702	702
180	734	734	734	734	734	734	734	734	734	734	734	734	734	734	734	734	734	734	734

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 1:1

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.2V I:0.2620A P:31.40W PF:0.9950 Lamp Flux:3431.7x1 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	781	781	781	781	781	781	781	781	781	781	781	781	781	781	781	781	781	781	781
5	753	753	754	755	757	758	759	761	762	764	767	769	771	773	776	778	781	783	781
10	724	725	727	728	730	733	735	737	739	743	746	749	753	757	762	766	771	776	771
15	696	697	699	701	703	705	707	710	713	716	720	724	729	734	740	746	753	760	753
20	667	668	671	672	674	676	677	680	682	686	689	694	699	705	711	718	726	736	726
25	638	640	641	643	644	645	646	647	649	652	652	650	648	646	648	652	660	670	659
30	609	611	612	612	613	613	613	613	609	599	588	579	575	577	584	594	605	619	605
35	580	582	582	582	581	580	578	568	550	532	523	523	527	533	542	552	564	579	564
40	551	552	552	551	549	547	535	510	488	480	479	481	484	489	497	506	519	535	519
45	522	523	522	520	517	508	483	454	441	439	438	438	439	442	448	456	469	486	468
50	466	468	470	472	473	461	430	409	403	400	397	394	392	392	395	402	414	431	413
55	409	411	413	414	412	391	367	362	366	361	355	348	343	340	340	346	357	375	356
60	352	353	355	356	350	326	310	310	312	313	313	303	294	289	286	289	298	315	297
65	295	296	297	298	289	267	258	258	258	257	256	254	248	239	232	229	236	255	238
70	238	239	240	241	230	212	207	206	205	203	200	198	196	188	171	165	173	195	179
75	181	182	183	183	173	160	157	155	153	151	148	145	140	126	113	107	114	136	123
80	124	125	126	126	118	110	107	105	103	101	98.1	95.4	88.3	75.7	64.3	54.6	58.5	78.1	69.0
85	67.2	67.3	68.4	69.3	64.9	60.1	57.7	55.7	54.0	52.5	51.0	49.2	43.8	36.8	29.8	22.6	16.9	27.7	25.3
90	10.2	10.1	11.4	12.7	12.4	11.1	8.58	6.60	5.45	4.96	4.95	4.79	4.55	4.27	3.85	3.73	3.15	3.43	2.72
95	59.2	59.0	60.0	60.8	60.2	58.2	52.1	46.2	42.9	40.6	39.6	37.9	38.2	36.1	33.3	27.4	21.6	28.5	0.24
100	108	108	109	109	108	106	96.7	86.7	81.8	77.0	75.1	72.6	73.4	71.0	67.7	63.5	60.6	71.2	35.1
105	157	157	157	157	156	154	143	129	122	115	112	110	108	111	108	104	109	124	79.1
110	206	206	206	206	205	203	193	175	164	155	152	150	148	150	149	143	139	164	110
115	255	255	255	255	254	252	245	225	209	202	193	192	190	188	189	195	203	212	167
120	304	304	304	304	303	302	299	281	260	250	241	233	230	231	236	244	257	254	206
125	353	353	353	353	353	352	351	342	321	299	289	281	274	273	279	289	303	316	270
130	402	403	403	403	403	403	401	391	372	350	336	331	331	329	330	335	347	368	322
135	451	451	449	447	445	442	438	430	417	403	390	381	380	384	392	403	416	437	391
140	483	483	482	481	479	478	476	474	463	450	441	435	433	435	441	452	466	488	444
145	514	515	514	514	514	513	513	513	513	507	493	485	483	485	490	499	510	529	489
150	546	546	547	547	548	548	549	550	552	554	557	555	548	541	539	543	551	566	531
155	577	578	579	580	581	582	584	586	589	593	597	602	608	615	623	631	641	658	625
160	609	610	611	612	614	616	618	621	624	628	632	638	643	650	658	667	676	689	662
165	640	641	643	644	646	648	651	653	656	660	664	669	674	680	687	694	701	712	691
170	671	672	673	675	677	678	681	683	686	689	693	696	701	705	709	714	719	727	713
175	702	703	704	705	706	707	708	710	712	714	716	718	720	722	725	728	730	735	728
180	734	734	734	734	734	734	734	734	734	734	734	734	734	734	734	734	734	735	735

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 1:1

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.2V I:0.2620A P:31.40W PF:0.9950 Lamp Flux:3431.7x1 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	781	781	781	781	781	781	781	781	781	781	781	781	781	781	781	781	781	781	781
5	778	775	773	771	768	766	764	762	760	759	757	756	755	754	753	752	752	751	751
10	766	761	757	753	749	745	742	738	736	734	732	729	727	726	724	723	722	721	721
15	746	739	733	728	723	718	714	711	708	706	703	701	699	697	695	694	692	691	690
20	717	710	703	698	692	688	684	680	677	675	673	671	669	668	666	664	663	661	660
25	650	645	643	644	646	648	648	647	644	643	641	640	639	638	637	635	633	631	629
30	593	582	574	571	573	580	592	603	608	609	609	609	608	608	607	606	604	601	598
35	551	540	532	524	520	518	524	539	559	572	575	576	577	577	577	576	574	572	568
40	505	495	487	482	478	475	474	479	498	523	540	544	546	546	547	547	544	542	538
45	455	446	440	436	434	434	434	435	443	467	497	511	514	516	517	517	515	512	508
50	401	393	389	388	390	392	395	397	400	414	444	464	465	464	462	461	458	457	453
55	344	338	337	339	344	350	355	360	356	356	375	401	407	406	405	404	402	400	397
60	287	284	285	290	298	307	307	306	304	302	312	337	349	349	348	347	345	343	340
65	230	230	235	243	249	251	252	253	252	251	255	276	290	291	291	290	289	287	284
70	175	179	188	192	193	196	199	201	201	201	202	217	232	233	233	233	232	231	228
75	123	132	135	138	141	144	147	150	151	151	151	161	174	176	176	176	176	174	172
80	76.5	81.1	85.4	89.2	92.6	95.3	97.8	100	101	102	102	108	117	119	119	119	119	118	116
85	32.9	38.4	42.0	44.8	47.0	48.6	50.2	51.6	52.5	52.9	52.9	55.5	60.2	61.4	61.8	62.5	62.8	62.1	60.8
90	2.75	2.57	2.69	2.84	3.08	3.24	3.47	3.71	4.03	4.13	4.17	4.08	3.92	4.20	4.72	5.65	6.26	6.03	5.22
95	1.11	1.51	1.85	2.11	2.42	2.63	2.88	3.14	3.45	3.57	3.64	3.58	3.45	3.72	4.19	5.02	5.57	5.35	4.63
100	1.12	0.62	1.09	1.44	1.79	2.04	2.31	2.59	2.88	3.02	3.11	3.07	3.00	3.26	3.67	4.40	4.87	4.69	4.06
105	41.1	3.38	0.44	0.85	1.20	1.49	1.77	2.07	2.32	2.47	2.58	2.57	2.54	2.80	3.15	3.78	4.17	4.02	3.49
110	70.3	44.5	9.52	0.30	0.65	0.97	1.25	1.56	1.78	1.94	2.06	2.07	2.09	2.34	2.64	3.16	3.48	3.35	2.91
115	127	87.9	50.5	19.5	0.15	0.46	0.76	1.04	1.25	1.42	1.53	1.57	1.65	1.88	2.12	2.54	2.78	2.69	2.34
120	163	131	104	70.1	35.1	1.81	0.27	0.52	0.74	0.91	1.03	1.10	1.20	1.40	1.60	1.91	2.09	2.02	1.76
125	232	195	154	121	91.5	59.1	27.1	0.03	0.24	0.41	0.54	0.64	0.76	0.92	1.07	1.28	1.39	1.35	1.18
130	281	246	214	183	150	118	87.5	59.1	33.1	9.80	0.08	0.19	0.30	0.41	0.52	0.64	0.70	0.67	0.57
135	350	311	275	240	208	177	149	122	104	84.1	62.6	43.9	28.3	16.0	7.14	1.79	0.00	1.77	7.04
140	403	365	330	297	266	237	212	197	181	159	139	122	108	96.6	88.5	83.5	81.6	82.9	87.4
145	451	416	383	352	325	306	295	276	254	234	216	200	187	177	170	165	163	164	168
150	499	471	448	432	416	394	370	347	327	308	292	278	267	258	251	247	245	245	248
155	593	564	535	508	482	459	437	417	399	383	369	356	346	338	332	328	327	327	329
160	635	610	586	563	541	521	503	486	470	457	444	434	425	418	413	410	408	408	410
165	670	651	632	614	597	581	566	552	540	529	520	511	504	498	494	491	490	490	491
170	699	685	672	660	648	637	627	617	608	600	593	587	582	578	575	573	571	572	572
175	720	714	707	700	694	688	683	678	673	669	665	662	659	657	655	654	653	653	654
180	735	735	735	735	735	735	735	735	735	735	735	735	735	735	735	735	735	735	735

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 1:1

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.2V I:0.2620A P:31.40W PF:0.9950 Lamp Flux:3431.7x1 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	781	781	781	781	781	781	781	781	781	781	781	781	781	781	781				
5	751	751	751	752	752	753	754	755	757	758	760	762	764	766	768				
10	720	720	720	720	721	722	723	725	727	729	732	736	739	743	748				
15	689	688	688	688	688	689	690	691	693	696	699	703	708	713	719				
20	658	657	655	654	653	653	653	654	656	658	662	667	672	679	686				
25	627	624	622	619	618	617	616	616	617	619	622	626	632	639	648				
30	595	592	588	585	582	579	577	576	575	575	577	581	585	593	602				
35	564	560	555	551	546	541	537	534	531	530	530	531	536	542	552				
40	533	528	522	516	510	503	497	491	486	482	480	480	484	490	500				
45	502	497	490	482	474	465	457	448	440	434	429	427	429	434	443				
50	451	448	446	443	439	428	416	405	394	385	378	374	372	376	384				
55	394	391	388	385	383	380	376	363	349	338	327	320	316	318	325				
60	338	335	332	329	325	321	316	311	307	292	279	268	262	260	265				
65	282	279	276	272	269	264	259	253	248	244	233	219	209	204	207				
70	226	223	220	217	214	209	204	198	193	187	182	174	160	151	150				
75	170	168	166	163	160	156	151	146	141	135	129	124	116	103	97.2				
80	115	113	112	110	108	105	101	97.5	93.4	88.7	83.5	77.5	69.8	61.6	50.2				
85	59.7	58.8	58.1	57.3	56.0	54.5	52.7	50.7	48.3	45.7	42.6	38.5	33.2	25.8	15.4				
90	4.66	4.43	4.63	4.87	5.01	5.02	4.98	4.93	4.86	4.81	4.73	4.63	4.47	4.26	4.11				
95	4.13	3.90	4.06	4.24	4.33	4.29	4.20	4.08	3.92	3.75	3.51	9.07	36.9	26.7	0.11				
100	3.60	3.39	3.49	3.61	3.65	3.58	3.44	3.26	3.02	2.74	2.37	1.93	48.2	70.9	61.3				
105	3.08	2.87	2.91	2.98	2.98	2.87	2.70	2.46	2.17	1.81	1.35	0.73	19.1	87.6	114				
110	2.56	2.36	2.34	2.36	2.32	2.19	1.98	1.71	1.38	0.97	0.46	10.6	49.5	88.6	136				
115	2.04	1.86	1.78	1.76	1.68	1.52	1.29	1.00	0.65	0.22	21.4	59.8	98.6	139	183				
120	1.52	1.36	1.24	1.17	1.06	0.89	0.64	0.34	1.88	37.8	74.5	112	151	192	238				
125	0.99	0.85	0.72	0.62	0.48	0.28	0.03	27.9	60.6	94.6	130	167	206	248	294				
130	0.45	0.33	0.22	0.09	9.55	34.5	61.6	90.5	121	153	188	224	262	304	349				
135	15.7	27.5	42.6	60.3	80.7	103	128	155	184	214	247	282	319	360	404				
140	94.8	105	119	135	153	173	196	221	247	276	307	340	376	415	456				
145	174	183	195	209	226	245	265	288	312	339	368	399	433	469	507				
150	254	262	272	284	299	317	335	355	378	402	429	457	487	520	555				
155	334	341	349	360	373	388	405	423	443	465	488	514	541	569	599				
160	414	420	427	436	447	459	473	489	506	525	546	568	590	614	639				
165	494	499	505	512	520	530	541	554	567	581	598	615	633	652	671				
170	574	578	582	587	593	600	608	617	627	637	648	660	672	685	699				
175	655	656	658	661	664	668	673	677	682	688	694	700	706	713	720				
180	735	735	735	735	735	735	735	735	735	735	735	735	735	735	735				

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 1:1