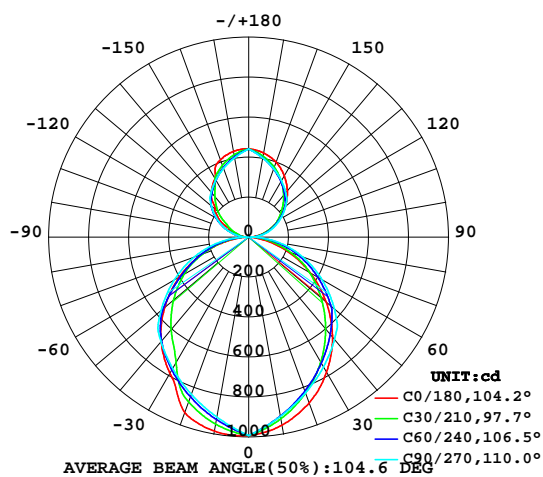


## LUMINAIRE PHOTOMETRIC TEST REPORT

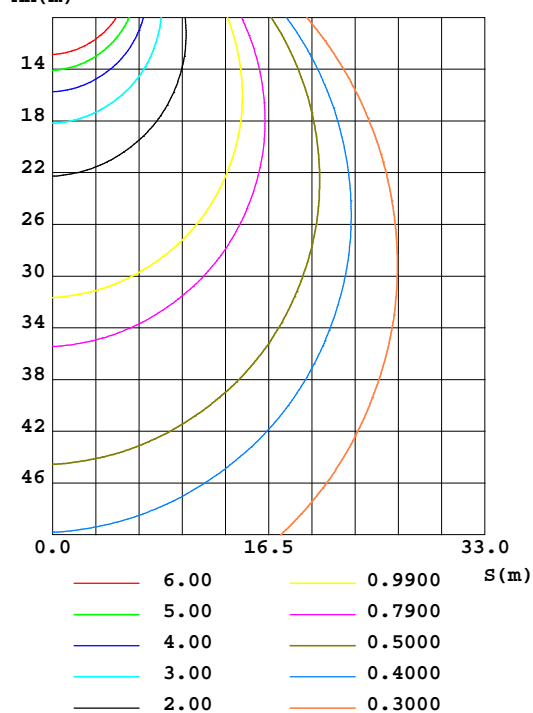
Test:U:120.2V I:0.2650A P:31.70W PF:0.9950 Lamp Flux:3708.18x1 lm					
NAME: 二代线条灯			TYPE:上下发光 白色外壳		WEIGHT:
DIM.: 2FT			SPEC.:3000K		SERIAL No.:YQ2107-7
MFR.: YQ			SUR.:0.171*1.13m		PROTECTION ANGLE:

DATA OF LAMP			PHOTOMETRIC DATA Eff: 116.98 lm/W		
MODEL		I <sub>max</sub> (cd)	994.7	S/MH(C0/180)	1.18
NOMINAL POWER(W)	30	LOR(%)	100.0	S/MH(C90/270)	1.14
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	3708.2	η UP,DN(C0-180)	15.3,34.4
NOMINAL FLUX(lm)	3708.18	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	15.3,34.9
LAMPS INSIDE	1	η up(%)	30.6	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.2	η down(%)	69.4	CIBSE SHR MAX	1.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



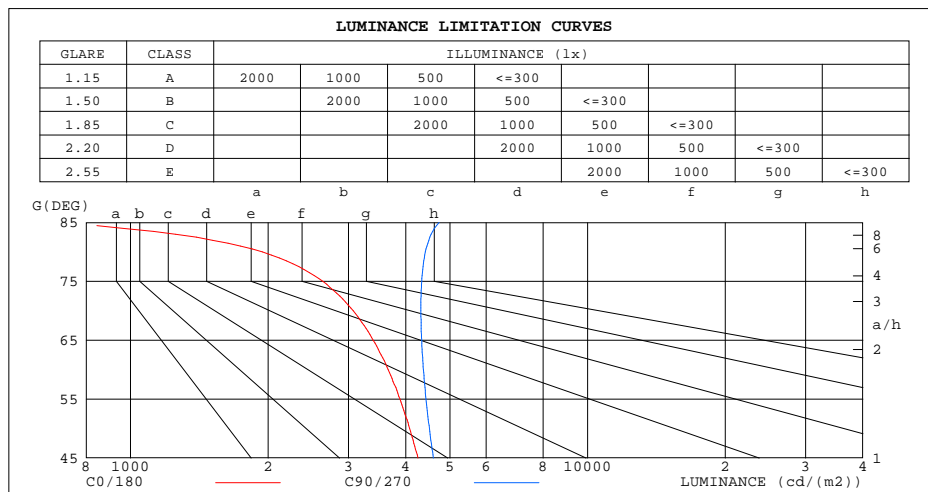
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:26.3DEG  
 Operators:Ethan  
 Test Date:2021-08-16

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 7:3

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	978.7	955.0	951.9	965.9	994.6	967.1	953.7	956.3	0- 5	23.29	23.29	0.63,0.63
10	955.4	914.5	911.5	934.9	985.4	937.2	915.0	917.0	5- 10	67.71	90.99	2.45,2.45
15	922.5	869.5	871.0	898.2	966.5	901.6	876.3	873.5	10- 15	108.1	199.1	5.37,5.37
20	883.9	821.4	830.6	857.7	935.3	862.0	837.6	826.8	15- 20	143.8	342.9	9.25,9.25
25	836.3	771.6	790.2	813.1	852.5	818.4	798.9	778.5	20- 25	173.4	516.3	13.9,13.9
30	780.0	720.6	749.7	760.9	787.7	762.5	760.3	729.0	25- 30	195.6	711.9	19.2,19.2
35	718.9	667.3	709.3	687.6	737.9	682.9	721.6	677.5	30- 35	211.6	923.6	24.9,24.9
40	653.2	613.9	668.8	608.9	682.1	605.7	682.9	625.6	35- 40	221.9	1145	30.9,30.9
45	581.3	559.9	628.4	544.3	618.6	546.7	644.2	573.8	40- 45	226.2	1372	37,37
50	506.7	505.9	559.8	490.7	549.1	498.8	573.0	522.0	45- 50	223.5	1595	43,43
55	430.7	452.1	491.2	441.6	476.5	449.7	501.7	470.1	50- 55	212.1	1807	48.7,48.7
60	353.9	379.9	422.6	375.8	401.1	382.2	430.5	394.5	55- 60	194.0	2001	54,54
65	277.5	310.5	354.0	311.0	324.3	315.6	359.3	322.3	60- 65	170.6	2172	58.6,58.6
70	203.0	244.2	285.4	247.1	247.7	250.0	288.0	253.6	65- 70	142.8	2315	62.4,62.4
75	131.8	181.4	216.8	184.7	172.4	186.4	216.8	188.0	70- 75	112.1	2427	65.4,65.4
80	65.16	121.3	148.2	123.9	98.60	124.0	145.5	124.8	75- 80	79.90	2507	67.6,67.6
85	11.69	63.22	79.65	64.31	34.16	63.03	74.30	63.70	80- 85	47.76	2554	68.9,68.9
90	3.607	6.239	11.06	5.482	3.386	2.796	3.062	3.660	85- 90	17.35	2572	69.4,69.4
95	15.69	32.53	39.90	28.04	16.61	24.88	33.21	30.83	90- 95	9.225	2581	69.6,69.6
100	47.77	59.19	68.74	51.07	43.51	47.99	63.37	58.48	95-100	22.64	2604	70.2,70.2
105	77.89	86.58	97.58	74.72	70.92	73.08	93.52	86.78	100-105	36.45	2640	71.2,71.2
110	109.5	114.7	126.4	99.49	104.0	100.8	123.7	116.0	105-110	49.98	2690	72.5,72.5
115	142.2	144.0	155.3	126.4	119.6	129.8	153.8	146.4	110-115	62.60	2753	74.2,74.2
120	175.5	174.2	184.1	156.7	165.5	160.2	184.0	178.0	115-120	74.47	2827	76.2,76.2
125	208.4	205.3	212.9	192.6	196.9	196.5	214.1	210.4	120-125	84.62	2912	78.5,78.5
130	240.5	228.6	241.8	222.9	218.5	227.2	244.3	233.3	125-130	92.53	3004	81,81
135	271.9	251.7	270.6	249.8	258.5	256.7	274.4	256.4	130-135	97.65	3102	83.7,83.7
140	301.6	275.5	289.6	277.3	291.7	285.6	293.0	279.8	135-140	99.45	3201	86.3,86.3
145	329.7	299.4	308.5	307.2	316.2	311.9	311.6	303.1	140-145	97.83	3299	89,89
150	356.1	323.0	327.5	330.8	338.8	332.6	330.2	326.3	145-150	93.52	3393	91.5,91.5
155	379.6	345.6	346.5	353.2	393.3	354.3	348.8	348.5	150-155	86.81	3480	93.8,93.8
160	400.2	366.7	365.4	374.5	412.7	375.0	367.4	369.4	155-160	76.78	3556	95.9,95.9
165	415.5	387.7	384.4	394.1	426.4	395.2	385.9	389.4	160-165	63.58	3620	97.6,97.6
170	428.0	407.3	403.4	412.0	436.5	412.8	404.5	408.7	165-170	47.90	3668	98.9,98.9
175	436.7	425.3	422.3	428.1	441.6	428.6	423.1	425.8	170-175	30.04	3698	99.7,99.7
180	441.3	441.3	441.3	441.3	441.7	441.7	441.7	441.7	175-180	10.35	3708	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m²)		
G(°)	C0/180	C90/270
85	694	4731
80	1942	4419
75	2635	4336
70	3071	4320
65	3398	4336
60	3663	4375
55	3887	4433
50	4080	4508
45	4255	4600

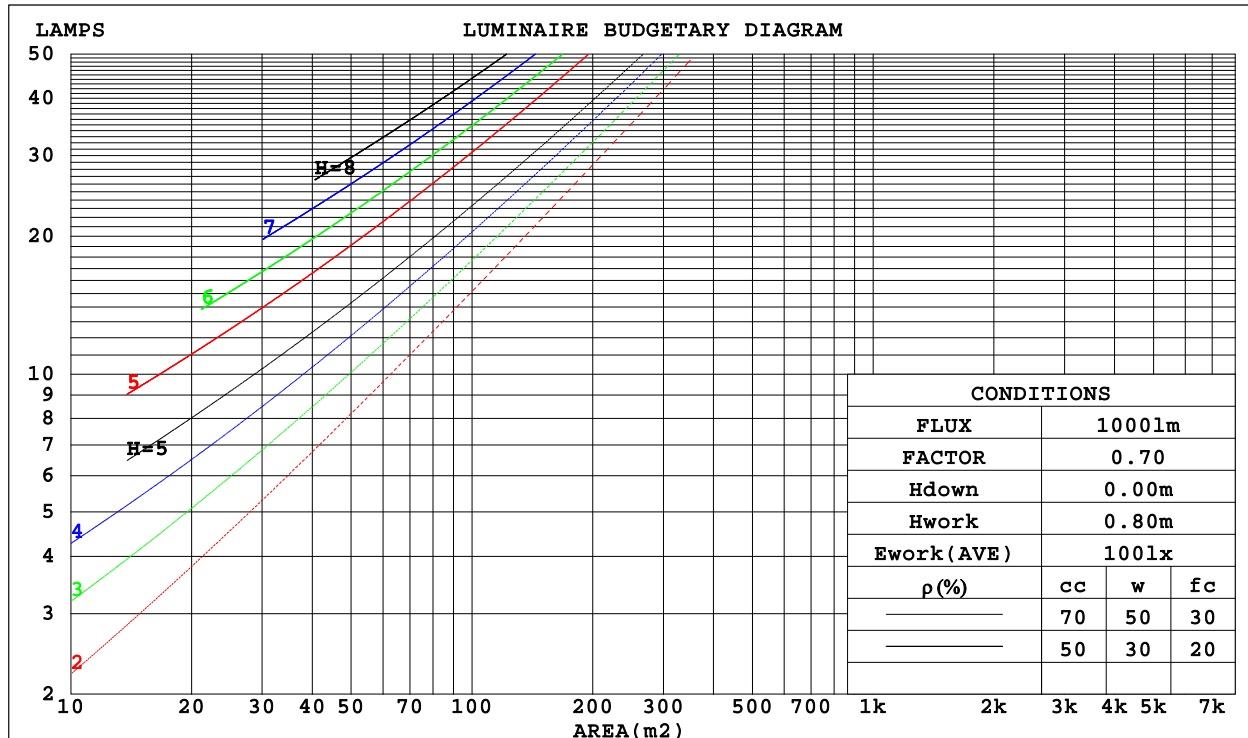
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 26.3DEG  
Operators: Ethan  
Test Date: 2021-08-16

$\gamma$  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 7:3

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.2V I:0.2650A P:31.70W PF:0.9950 Lamp Flux:3708.18x1 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	1.12	1.12	1.12	1.06	1.06	1.06	.94	.94	.94	.84	.84	.84	.74	.74	.74	.69
1.0	.97	.93	.89	.92	.88	.85	.82	.79	.77	.73	.71	.69	.65	.63	.62	.58
2.0	.85	.78	.72	.80	.74	.69	.72	.67	.63	.64	.60	.57	.57	.54	.52	.48
3.0	.74	.66	.60	.70	.63	.58	.63	.57	.53	.56	.52	.48	.50	.47	.44	.40
4.0	.66	.57	.51	.62	.55	.49	.56	.50	.45	.50	.45	.41	.45	.41	.37	.34
5.0	.58	.50	.44	.56	.48	.42	.50	.44	.39	.45	.40	.36	.40	.36	.33	.30
6.0	.53	.44	.38	.50	.42	.37	.45	.39	.34	.41	.35	.31	.36	.32	.29	.26
7.0	.48	.39	.33	.45	.38	.32	.41	.35	.30	.37	.32	.28	.33	.29	.25	.23
8.0	.43	.35	.30	.41	.34	.29	.37	.31	.27	.34	.29	.25	.31	.26	.23	.21
9.0	.40	.32	.26	.38	.31	.26	.34	.28	.24	.31	.26	.22	.28	.24	.21	.19
10.0	.36	.29	.24	.35	.28	.23	.32	.26	.22	.29	.24	.20	.26	.22	.19	.17



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 7:3

## WEC AND CCEC

Test:U:120.2V I:0.2650A P:31.70W PF:0.9950 Lamp Flux:3708.18x1 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	.299	.170	.054	.283	.161	.051	.252	.145	.046	.224	.129	.041	.198	.115	.037	
2.0	.277	.152	.047	.263	.145	.045	.235	.131	.041	.210	.118	.037	.186	.105	.033	
3.0	.256	.136	.041	.242	.130	.039	.217	.118	.036	.194	.106	.033	.172	.095	.029	
4.0	.236	.122	.036	.223	.117	.035	.200	.106	.032	.179	.096	.029	.159	.087	.026	
5.0	.218	.111	.032	.207	.106	.031	.186	.097	.028	.166	.088	.026	.148	.079	.024	
6.0	.202	.101	.029	.192	.097	.028	.172	.088	.026	.154	.080	.024	.138	.072	.021	
7.0	.188	.093	.026	.179	.089	.025	.161	.081	.023	.144	.074	.022	.129	.067	.020	
8.0	.176	.086	.024	.167	.082	.023	.151	.075	.021	.135	.068	.020	.121	.062	.018	
9.0	.165	.080	.022	.157	.076	.021	.141	.070	.020	.127	.064	.018	.113	.058	.017	
10.0	.155	.074	.021	.148	.071	.020	.133	.065	.018	.120	.060	.017	.107	.054	.015	

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	.424	.424	.424	.362	.362	.362	.247	.247	.247	.142	.142	.142	.045	.045	.045	
1.0	.415	.392	.371	.355	.336	.319	.243	.231	.221	.140	.134	.128	.045	.043	.041	
2.0	.407	.369	.337	.349	.318	.291	.239	.220	.203	.138	.128	.119	.044	.041	.039	
3.0	.400	.352	.315	.343	.304	.273	.235	.211	.191	.136	.123	.113	.044	.040	.037	
4.0	.393	.340	.300	.337	.294	.260	.232	.205	.183	.134	.120	.108	.043	.039	.036	
5.0	.386	.330	.289	.331	.286	.252	.228	.200	.178	.132	.117	.105	.043	.038	.035	
6.0	.379	.322	.282	.326	.279	.245	.225	.195	.174	.130	.115	.103	.042	.038	.034	
7.0	.373	.316	.276	.321	.274	.241	.222	.192	.171	.129	.113	.101	.042	.037	.034	
8.0	.367	.311	.272	.316	.269	.237	.218	.189	.168	.127	.112	.100	.041	.037	.033	
9.0	.361	.306	.269	.311	.266	.234	.216	.187	.166	.126	.110	.099	.041	.036	.033	
10.0	.356	.302	.266	.307	.262	.232	.213	.184	.165	.124	.109	.098	.040	.036	.033	

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 7:3

## Uncorrected UGR Table

Test:U:120.2V I:0.2650A P:31.70W PF:0.9950 Lamp Flux:3708.18x1 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	15.1	16.2	15.8	16.9	17.7	16.2	17.4	16.9	18.0	18.8	
	3H	16.3	17.3	17.0	18.0	18.8	17.9	18.9	18.6	19.6	20.4
	4H	16.7	17.7	17.4	18.4	19.2	18.7	19.6	19.4	20.4	21.2
	6H	16.9	17.8	17.6	18.5	19.4	19.3	20.2	20.1	20.9	21.8
	8H	16.9	17.7	17.6	18.5	19.3	19.6	20.4	20.3	21.2	22.1
	12H	16.8	17.6	17.6	18.4	19.3	19.8	20.6	20.5	21.4	22.2
4H	2H	15.8	16.7	16.5	17.4	18.3	16.6	17.6	17.3	18.3	19.1
	3H	17.2	18.0	17.9	18.7	19.6	18.5	19.3	19.3	20.1	21.0
	4H	17.7	18.4	18.5	19.2	20.1	19.4	20.2	20.2	20.9	21.8
	6H	18.0	18.7	18.8	19.4	20.4	20.2	20.9	21.0	21.7	22.6
	8H	18.0	18.6	18.8	19.4	20.4	20.6	21.2	21.4	22.0	22.9
	12H	18.0	18.6	18.8	19.4	20.4	20.8	21.4	21.6	22.2	23.2
8H	4H	18.1	18.7	18.9	19.5	20.4	19.6	20.2	20.4	21.0	21.9
	6H	18.6	19.1	19.4	19.9	20.9	20.5	21.0	21.4	21.9	22.9
	8H	18.7	19.2	19.6	20.0	21.0	21.0	21.4	21.8	22.3	23.3
	12H	18.8	19.2	19.7	20.0	21.1	21.4	21.8	22.3	22.6	23.7
12H	4H	18.1	18.7	18.9	19.5	20.5	19.5	20.1	20.4	20.9	21.9
	6H	18.7	19.1	19.6	20.0	21.0	20.6	21.0	21.4	21.8	22.9
	8H	18.9	19.3	19.8	20.2	21.2	21.1	21.4	21.9	22.3	23.4
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.1 / - 0.2					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2					

CIE Pub.117 Corrected 3708 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.6)

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 7:3

## UTILIZATION FACTORS TABLE

Test:U:120.2V I:0.2650A P:31.70W PF:0.9950 Lamp Flux:3708.18x1 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:

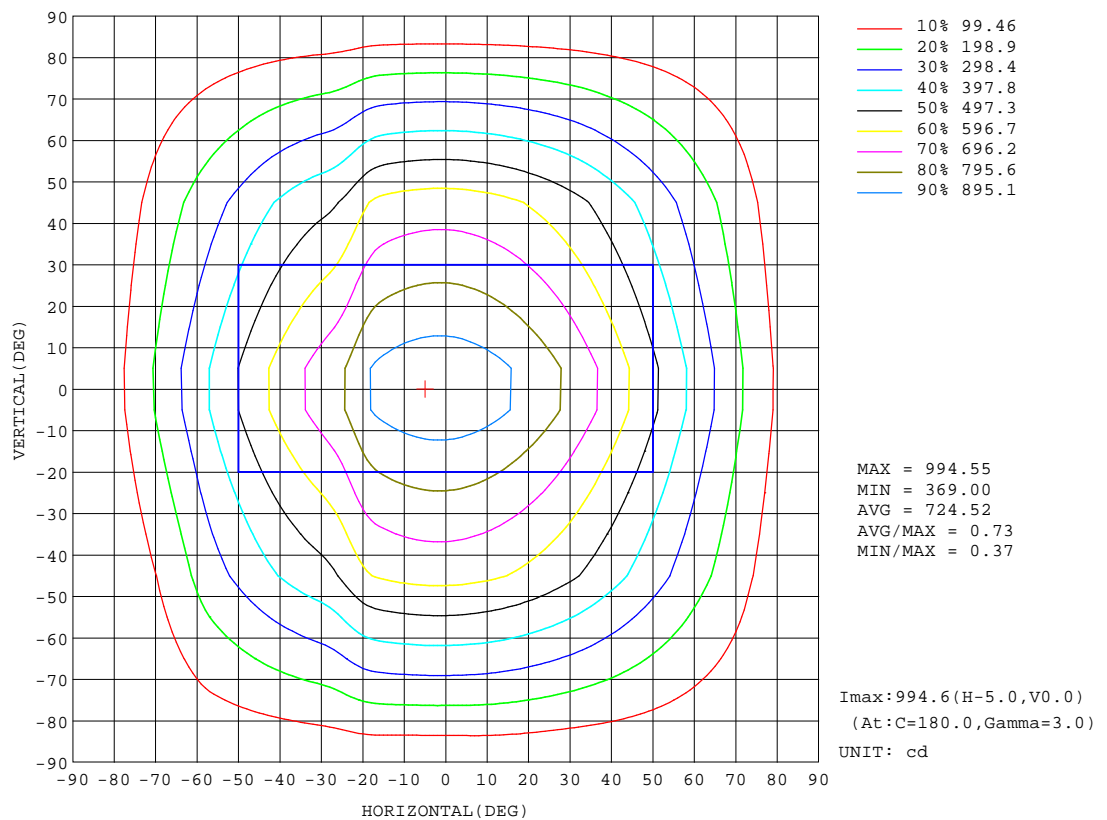
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	49	38	31	47	37	31	44	35	30	22
0.80	59	47	40	56	46	39	52	43	37	28
1.00	67	55	48	64	53	47	59	52	44	34
1.25	74	63	55	70	60	54	64	56	51	39
1.50	79	68	61	75	66	59	68	61	55	43
2.00	86	77	70	81	73	67	74	67	62	48
2.50	90	82	75	85	78	72	77	71	67	51
3.00	93	86	80	89	82	77	80	75	70	54
4.00	98	91	86	92	87	83	83	79	75	57
5.00	100	95	90	95	90	86	85	82	79	59
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 7:3

## ISOCANDELA DIAGRAM

Test:U:120.2V I:0.2650A P:31.70W PF:0.9950 Lamp Flux:3708.18x1 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:



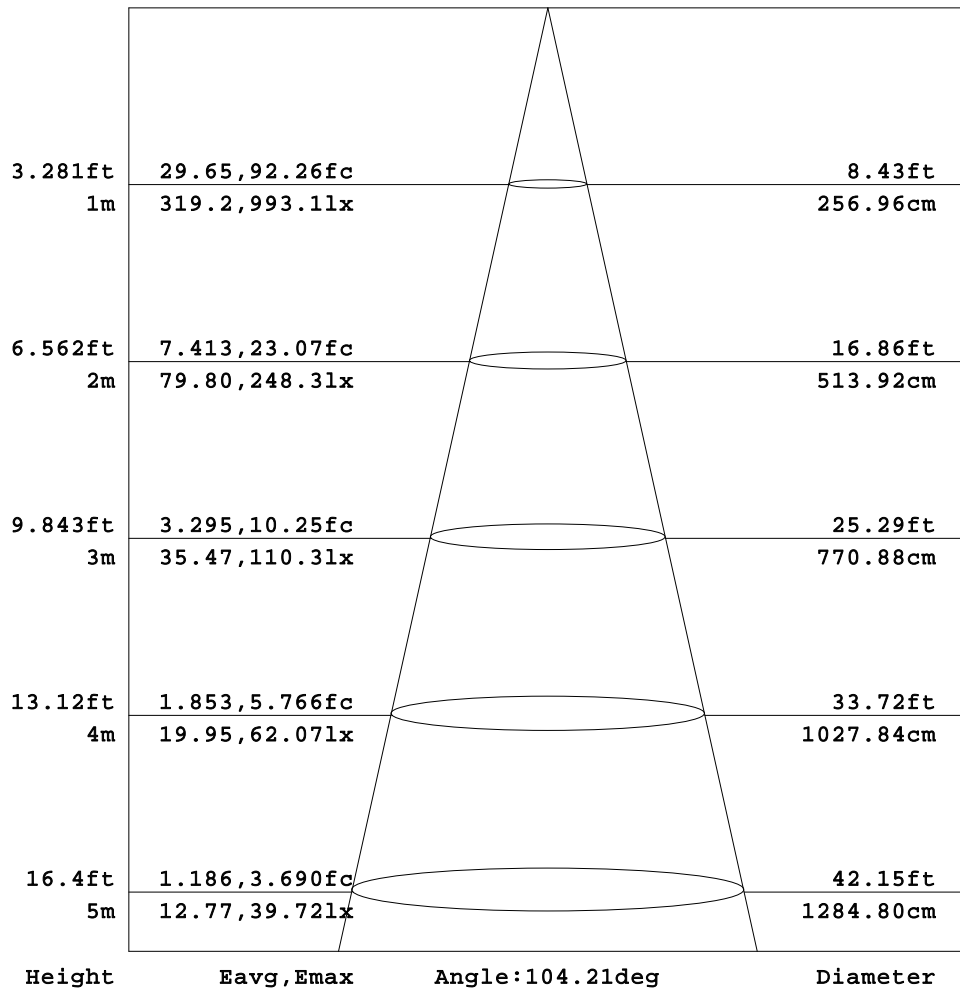
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:26.3DEG  
Operators:Ethan  
Test Date:2021-08-16

$\gamma$  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 7:3

## AAI Figure

Test:U:120.2V I:0.2650A P:31.70W PF:0.9950 Lamp Flux:3708.18x1 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:1703 lm



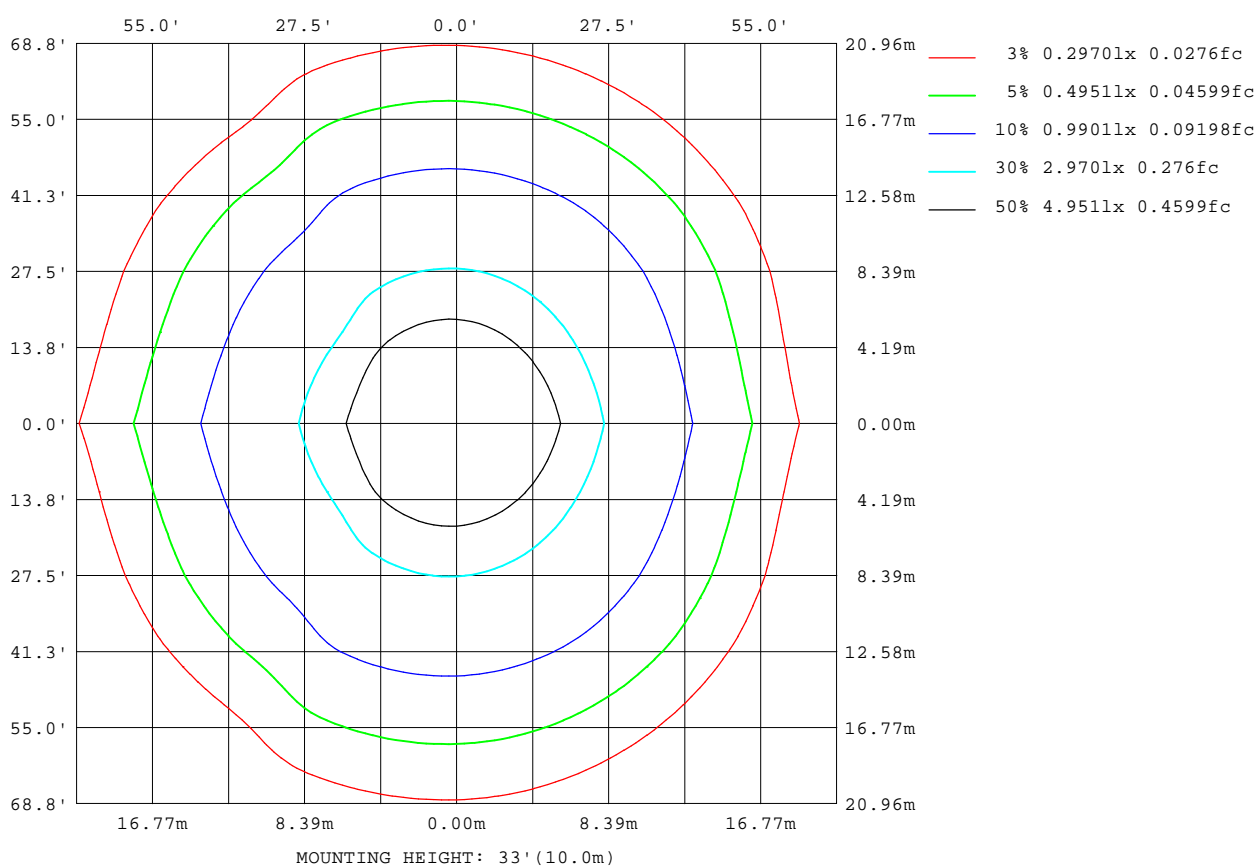
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 7:3

## ISOLUX DIAGRAM

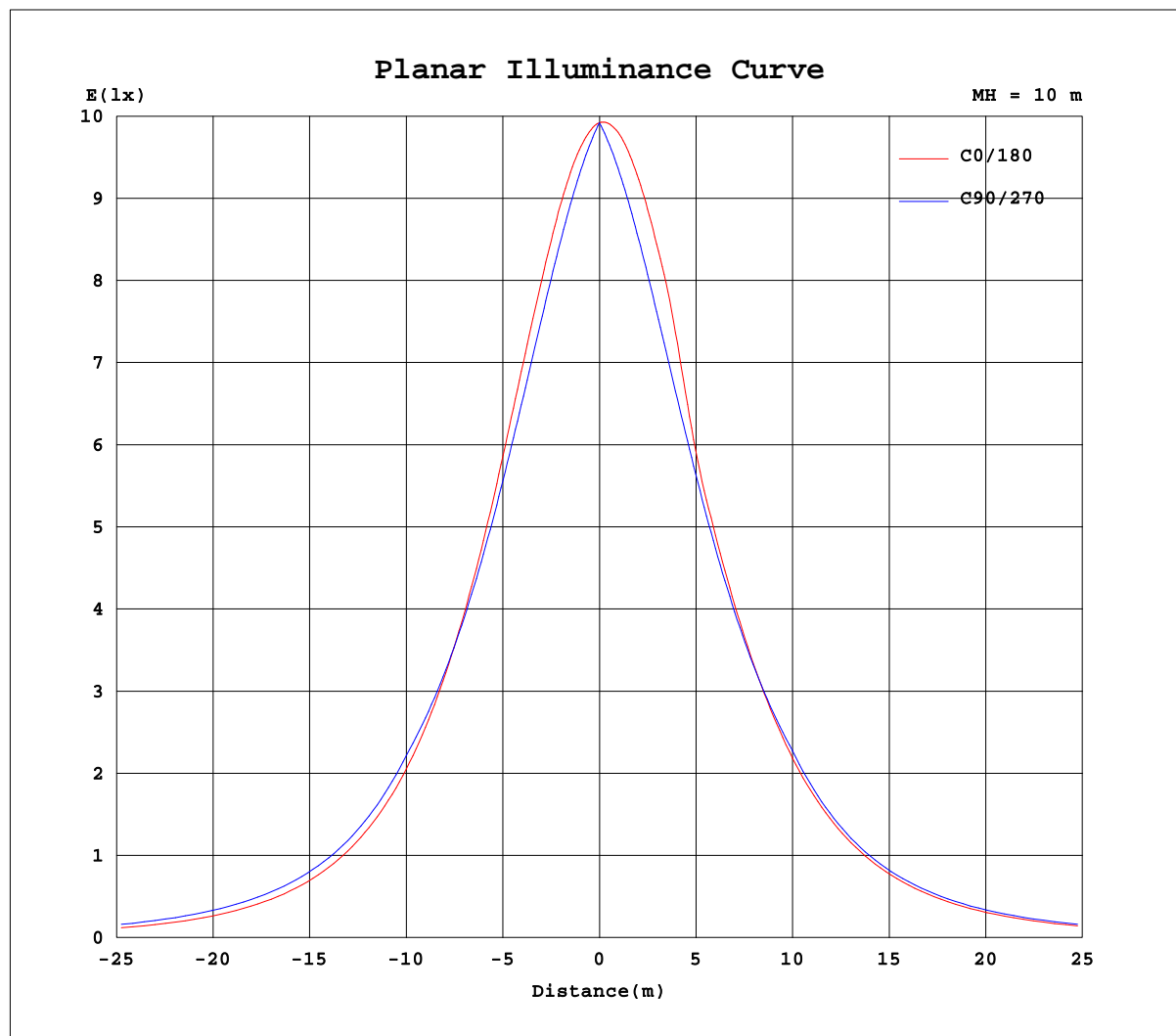
Test:U:120.2V I:0.2650A P:31.70W PF:0.9950 Lamp Flux:3708.18x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:3000K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:



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 7:3

## 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 7:3

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.2V I:0.2650A P:31.70W PF:0.9950 Lamp Flux:3708.18x1 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(°) γ (°)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992
5	979	975	972	969	966	963	961	959	957	955	954	953	952	951	951	951	951	951	952
10	955	949	943	937	932	927	923	920	917	914	912	911	910	909	908	909	910	910	911
15	922	913	904	897	890	884	879	876	872	869	868	866	866	866	866	866	868	869	871
20	884	872	861	851	843	836	831	827	823	821	820	820	821	822	823	824	826	828	831
25	836	822	809	798	790	783	778	775	773	772	772	773	775	777	779	782	784	787	790
30	780	763	750	739	731	725	722	720	720	721	722	725	728	732	735	739	743	747	750
35	719	701	686	675	667	663	662	662	664	667	672	676	681	686	692	697	702	706	709
40	653	633	618	608	602	599	599	602	608	614	620	628	635	642	648	655	660	665	669
45	581	561	546	537	533	533	537	542	550	560	570	579	589	597	605	613	619	624	628
50	507	486	472	465	463	466	473	482	493	506	519	531	538	542	546	549	553	557	560
55	431	410	397	393	394	400	411	423	438	452	458	463	467	473	477	481	485	488	491
60	354	334	324	322	327	337	351	367	373	380	386	393	398	404	409	413	417	420	423
65	277	259	252	254	263	278	289	296	303	310	317	324	330	336	341	345	349	352	354
70	203	186	184	191	204	214	221	229	237	244	251	258	264	269	274	278	282	284	285
75	132	118	120	134	143	151	160	167	175	181	188	193	198	203	208	212	215	216	217
80	65.2	56.7	66.0	77.6	88.3	96.5	103	110	116	121	126	130	134	138	142	145	148	149	148
85	11.7	11.6	25.2	35.6	43.0	48.2	52.4	56.5	60.0	63.2	66.0	68.0	70.0	72.8	75.9	78.9	80.8	80.8	79.7
90	3.61	3.62	3.63	3.61	3.68	3.77	4.00	4.76	5.57	6.24	6.67	6.68	6.69	8.33	10.5	12.6	13.8	13.1	11.1
95	15.7	19.4	23.5	25.5	26.4	27.4	28.6	30.0	31.3	32.5	33.5	34.0	34.5	36.3	38.5	40.8	42.0	41.6	39.9
100	47.8	44.6	49.8	50.1	51.0	52.4	54.2	55.9	57.6	59.2	60.6	61.5	62.4	64.4	66.7	69.0	70.2	70.1	68.7
105	77.9	72.1	73.2	77.9	78.6	79.4	81.3	83.0	84.8	86.6	88.1	89.3	90.6	92.8	95.1	97.2	98.5	98.6	97.6
110	110	102	100	103	107	110	110	111	113	115	116	118	119	121	124	126	127	127	126
115	142	133	130	130	133	138	141	142	143	144	145	147	148	150	152	154	155	156	155
120	175	166	161	159	160	163	168	173	173	174	175	176	178	179	181	183	184	184	184
125	208	199	192	190	189	190	193	197	201	205	206	206	207	209	210	211	212	213	213
130	240	231	224	220	218	218	219	222	225	229	232	236	238	238	239	240	241	241	242
135	272	262	255	250	247	246	246	247	249	252	254	257	260	263	265	267	268	270	271
140	302	292	285	280	276	274	273	273	274	275	277	279	281	283	285	286	288	289	290
145	330	321	314	309	304	302	300	299	299	299	300	301	302	303	304	306	307	308	309
150	356	348	341	336	332	328	326	324	323	323	323	323	323	324	324	325	326	327	328
155	380	373	367	362	357	354	351	349	347	346	345	344	344	344	344	345	345	346	346
160	400	394	389	384	380	377	374	371	369	367	366	365	364	364	364	364	365	365	365
165	415	411	407	403	399	396	393	391	389	388	386	385	385	384	384	384	384	384	384
170	428	425	422	419	417	414	412	410	409	407	406	405	404	404	403	403	403	403	403
175	437	435	434	432	431	429	428	427	426	425	425	424	423	423	422	422	422	422	422
180	441	441	441	441	441	441	441	441	441	441	441	441	441	441	441	441	441	441	441

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 7:3

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.2V I:0.2650A P:31.70W PF:0.9950 Lamp Flux:3708.18x1 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(°) γ (°)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992
5	953	954	955	956	958	959	961	964	966	968	971	974	977	981	984	988	991	995	991
10	913	914	916	918	921	924	927	931	935	939	944	949	954	959	965	972	978	985	979
15	873	875	877	880	883	886	890	894	898	903	909	915	922	930	938	947	956	967	957
20	833	835	838	840	843	846	849	853	858	863	868	875	883	891	900	911	922	935	922
25	793	795	797	799	801	804	807	809	813	817	820	819	818	818	821	828	838	852	838
30	752	755	757	758	759	761	762	763	761	752	740	730	726	730	740	753	769	788	769
35	712	714	715	716	716	716	715	706	688	668	656	657	662	672	684	699	717	738	717
40	671	673	674	674	672	671	660	635	609	597	595	599	606	614	626	640	659	682	660
45	631	633	632	631	629	622	597	563	544	540	542	544	548	554	563	577	595	619	596
50	563	566	568	571	573	563	530	500	491	489	487	486	487	489	495	507	525	549	525
55	494	496	498	500	500	481	449	438	442	438	433	428	423	422	426	435	452	477	452
60	425	427	429	430	426	401	377	374	376	378	378	369	360	356	356	362	376	401	377
65	356	358	359	361	353	327	312	311	311	310	309	307	301	293	285	283	297	324	302
70	287	288	290	291	281	258	249	248	247	245	241	238	236	224	206	204	217	248	227
75	218	219	220	221	212	194	188	187	185	182	178	174	167	149	133	129	141	172	155
80	149	149	151	152	144	132	128	126	124	121	118	115	103	88.7	75.0	64.1	72.0	98.6	86.8
85	79.9	80.1	81.9	82.8	78.3	71.6	68.5	66.3	64.3	62.5	60.7	58.5	51.0	42.6	34.3	25.7	19.0	34.2	30.7
90	10.8	10.8	12.7	14.0	13.4	11.7	9.02	6.88	5.48	5.12	5.02	4.90	4.57	4.19	3.72	3.48	2.88	3.39	2.66
95	39.7	39.6	41.1	42.1	41.3	39.3	34.6	30.3	28.0	26.1	25.4	25.1	24.5	23.0	21.3	18.2	13.9	16.6	7.93
100	68.6	68.4	69.6	70.2	69.3	67.1	61.0	54.2	51.1	47.8	46.2	45.2	45.6	43.7	41.4	40.9	37.6	43.5	30.6
105	97.5	97.2	98.1	98.4	97.5	95.4	88.5	79.3	74.7	71.2	67.9	66.2	68.2	67.3	65.4	63.4	65.2	70.9	58.9
110	126	126	127	127	126	124	118	106	99.5	96.4	91.2	90.1	89.6	92.4	89.1	83.2	82.2	104	91.4
115	155	155	155	155	154	153	148	136	126	123	118	115	114	113	115	117	121	120	114
120	184	184	184	184	183	182	180	169	157	150	148	140	139	139	141	146	154	166	155
125	213	213	213	213	213	212	211	205	193	179	173	170	164	164	171	176	184	197	183
130	242	242	242	242	242	242	240	234	223	210	202	199	198	196	194	197	206	219	205
135	271	271	269	268	266	265	263	257	250	242	234	229	228	230	234	239	246	258	247
140	290	290	289	288	287	286	285	284	277	269	265	261	260	261	264	271	279	292	282
145	309	309	309	308	308	308	307	307	307	304	295	290	290	291	294	299	306	316	308
150	328	328	328	328	328	329	329	330	331	332	334	333	328	324	323	326	331	339	333
155	347	348	348	348	349	349	351	352	353	355	358	361	364	368	373	378	384	393	386
160	366	367	367	368	369	370	371	373	375	377	379	382	386	390	395	400	405	413	407
165	385	385	386	387	388	389	391	392	394	396	399	402	405	408	412	417	421	426	422
170	403	404	405	406	407	408	409	410	412	414	416	418	420	423	426	429	432	436	433
175	422	423	423	424	424	425	426	427	428	429	431	432	433	435	436	438	439	442	440
180	441	441	441	441	441	441	441	441	441	441	441	441	441	441	441	441	441	442	442

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 7:3

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.2V I:0.2650A P:31.70W PF:0.9950 Lamp Flux:3708.18x1 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(DEC) γ (DEC)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992
5	988	984	981	978	975	972	969	967	965	963	961	959	958	956	955	954	954	953	953
10	972	966	961	955	950	946	941	937	934	930	927	924	922	920	918	916	915	914	913
15	948	939	931	924	918	912	906	902	897	894	890	887	885	882	880	878	876	875	873
20	911	901	893	885	878	872	867	862	858	855	851	849	846	844	842	840	838	835	833
25	827	820	817	817	819	821	821	818	815	813	811	809	807	805	803	801	799	796	793
30	753	740	730	725	727	736	750	762	769	769	769	768	767	766	765	763	760	757	754
35	700	686	674	665	658	655	664	683	706	721	725	726	726	726	725	724	722	718	714
40	642	628	617	609	604	600	598	606	629	660	679	684	685	686	686	685	683	679	674
45	578	566	557	552	548	547	547	547	559	590	625	641	644	646	647	646	644	640	635
50	508	498	492	491	491	493	496	499	502	523	559	582	583	580	578	576	573	570	567
55	436	428	425	427	433	439	445	450	445	447	472	503	510	508	506	504	502	499	496
60	364	359	359	364	374	385	384	382	380	377	393	423	437	435	434	433	430	428	425
65	291	290	296	305	311	313	315	316	315	313	320	346	363	363	362	361	359	357	354
70	221	225	236	240	241	244	248	250	251	250	253	272	290	291	290	290	288	286	284
75	155	165	169	172	176	179	183	186	188	188	188	202	217	219	219	218	217	215	214
80	95.0	101	106	111	115	118	121	124	125	126	126	134	145	147	147	146	146	145	143
85	40.4	47.5	52.0	55.3	57.8	59.7	61.4	63.0	63.9	64.3	64.3	68.2	74.2	75.2	75.0	74.7	74.3	73.9	73.4
90	2.55	2.61	2.48	2.52	2.61	2.68	2.73	2.80	2.89	2.95	3.01	3.14	3.25	3.26	3.24	3.09	3.06	3.27	3.42
95	11.4	15.1	19.1	21.9	23.4	20.4	22.0	24.9	27.7	29.8	32.7	33.3	32.8	32.8	33.0	33.1	33.2	33.5	33.6
100	27.0	32.5	39.2	42.4	43.5	39.8	41.3	48.0	52.9	57.4	62.8	63.5	62.5	62.4	62.7	63.1	63.4	63.6	63.7
105	54.4	58.3	63.7	65.8	57.2	60.3	62.5	73.1	78.9	86.1	93.5	93.5	92.1	92.0	92.5	93.1	93.5	93.8	93.9
110	80.9	83.9	88.9	87.9	77.6	82.1	89.2	101	107	117	125	124	122	122	122	123	124	124	124
115	113	114	112	98.1	104	105	120	130	137	150	156	153	151	151	152	153	154	154	154
120	147	135	130	130	127	141	154	160	172	185	187	183	181	181	182	183	184	184	184
125	174	167	157	154	165	176	185	197	210	219	217	213	211	211	212	213	214	215	215
130	194	190	192	197	203	206	214	227	243	250	247	243	241	241	242	243	244	245	245
135	240	236	233	232	232	237	245	257	267	269	267	267	268	270	271	273	274	275	274
140	274	267	264	262	264	269	276	286	290	288	287	288	288	290	291	292	293	293	293
145	301	297	294	294	295	302	310	312	310	309	308	308	309	310	311	311	312	312	311
150	329	327	329	333	338	338	335	333	331	330	329	329	329	329	330	330	330	330	330
155	381	376	371	366	362	359	356	354	352	351	350	350	349	349	349	349	349	348	348
160	401	396	391	387	384	380	377	375	373	372	371	369	369	368	368	368	367	367	367
165	417	413	409	405	402	399	397	395	393	391	390	389	388	387	387	386	386	386	386
170	430	427	424	421	419	417	415	413	411	410	409	408	407	406	405	405	405	404	404
175	438	437	435	434	432	431	430	429	428	427	426	425	425	424	423	423	423	423	423
180	442	442	442	442	442	442	442	442	442	442	442	442	442	442	442	442	442	442	442

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 7:3

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.2V I:0.2650A P:31.70W PF:0.9950 Lamp Flux:3708.18x1 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	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992				
5	953	953	953	953	954	955	956	958	960	962	964	967	969	972	975				
10	912	912	912	913	914	915	917	919	922	925	929	933	938	943	949				
15	872	871	871	871	871	872	873	876	879	882	886	892	898	905	913				
20	831	830	828	827	827	826	827	828	831	834	839	845	853	862	872				
25	790	788	785	783	780	779	778	779	781	783	788	793	801	811	822				
30	750	746	742	738	734	731	729	727	727	728	731	735	742	752	765				
35	709	704	698	693	688	682	678	673	671	669	670	673	679	689	702				
40	669	663	656	648	641	633	626	619	613	609	607	608	613	622	635				
45	629	621	613	604	594	584	574	563	554	547	542	540	543	550	563				
50	564	561	558	555	548	536	522	508	496	485	476	472	471	476	488				
55	492	489	486	482	479	475	470	454	439	424	412	404	400	402	412				
60	422	418	414	410	406	400	395	389	384	366	350	337	330	329	336				
65	351	348	344	340	335	329	322	316	310	304	292	275	263	258	262				
70	281	278	275	271	266	260	254	247	240	233	227	217	201	190	190				
75	211	209	206	203	198	193	188	182	175	168	161	154	145	129	122				
80	142	140	138	136	133	129	125	120	115	109	103	95.5	86.2	75.6	61.9				
85	72.7	71.8	70.7	69.6	67.9	65.9	63.7	61.2	58.4	55.1	51.4	46.6	39.8	30.5	17.6				
90	3.53	3.57	3.60	3.64	3.66	3.67	3.66	3.64	3.63	3.64	3.64	3.65	3.65	3.64	3.59				
95	33.5	33.3	33.0	32.6	32.1	31.5	30.8	30.0	29.2	28.2	26.9	25.6	24.1	20.7	13.7				
100	63.5	63.1	62.5	61.7	60.8	59.7	58.5	57.0	55.4	53.8	51.6	49.7	47.9	45.9	41.3				
105	93.6	93.1	92.1	91.1	89.8	88.4	86.8	84.9	83.1	81.1	78.7	77.2	75.5	70.7	70.1				
110	124	123	122	121	119	118	116	114	112	111	109	106	101	98.4	100				
115	154	153	152	151	150	148	146	145	143	142	138	133	129	128	132				
120	184	184	183	182	180	179	178	177	176	170	164	161	159	160	165				
125	215	214	214	213	212	211	210	206	200	195	192	190	190	192	198				
130	245	245	245	244	242	238	233	229	225	222	220	219	220	224	230				
135	273	272	269	267	263	260	256	253	251	249	248	249	251	255	262				
140	292	290	289	287	285	282	280	278	276	276	276	277	281	286	292				
145	310	309	308	307	306	305	303	302	302	302	304	306	309	314	321				
150	329	329	328	327	327	327	326	326	327	328	330	333	337	342	348				
155	348	348	347	347	347	348	348	350	351	353	355	358	362	367	373				
160	367	367	367	367	367	368	369	371	373	375	378	381	385	389	394				
165	385	386	386	387	387	388	389	391	393	395	397	400	403	407	411				
170	404	405	405	406	406	407	409	410	411	413	415	417	419	422	425				
175	423	423	424	424	425	425	426	427	428	429	430	431	433	434	436				
180	442	442	442	442	442	442	442	442	442	442	442	442	442	442	442				

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 7:3