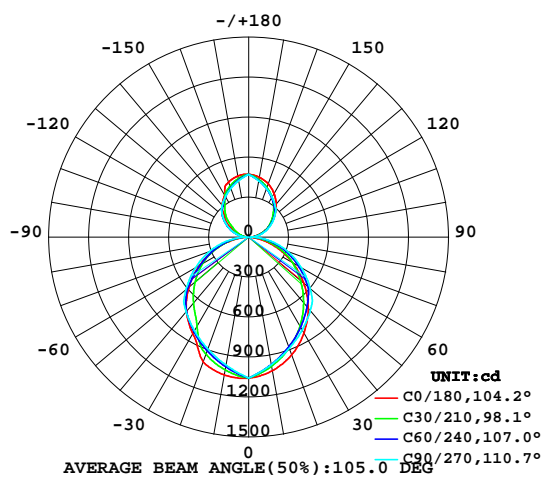


LUMINAIRE PHOTOMETRIC TEST REPORT

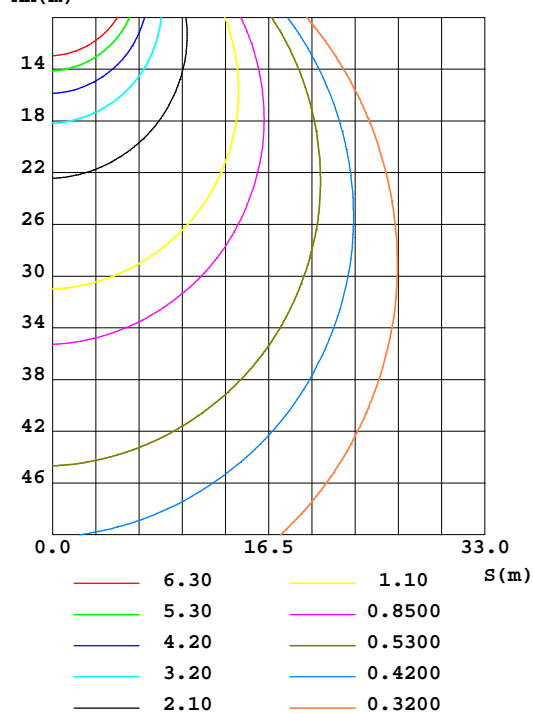
Test:U:120.2V I:0.2610A P:31.30W PF:0.9950 Lamp Flux:3969.57x1 lm					
NAME: 二代线条灯			TYPE:上下发光 白色外壳		WEIGHT:
DIM.: 2FT			SPEC.:3500K		SERIAL No.:YQ2107-7
MFR.: YQ			SUR.:0.171*1.13m		PROTECTION ANGLE:

DATA OF LAMP			PHOTOMETRIC DATA Eff: 126.82 lm/W		
MODEL		I _{max} (cd)	1061	S/MH(C0/180)	1.18
NOMINAL POWER(W)	32	LOR(%)	100.0	S/MH(C90/270)	1.15
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	3969.6	η UP,DN(C0-180)	15.3,34.5
NOMINAL FLUX(lm)	3969.57	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	15.2,34.9
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)



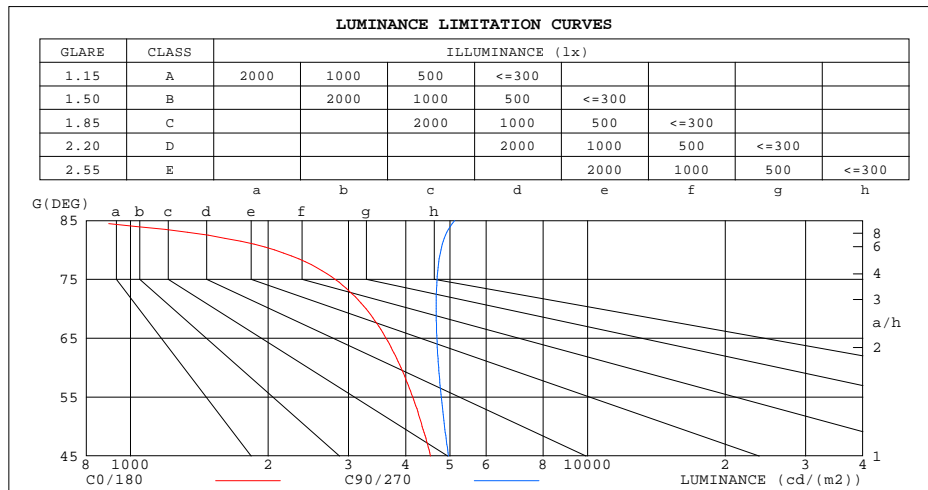
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:26.3DEG
 Operators:Ethan
 Test Date:2021-08-16

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:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	ϕ lum, lamp
5	1044	1019	1016	1031	1060	1032	1017	1020	0- 5	24.84	24.84	0.63,0.63
10	1019	976.2	973.5	997.8	1051	999.6	976.3	978.3	5- 10	72.24	97.07	2.45,2.45
15	984.0	929.3	931.3	959.6	1031	962.3	935.6	932.5	10- 15	115.4	212.5	5.35,5.35
20	942.2	878.6	889.1	916.6	997.9	920.0	894.8	883.2	15- 20	153.6	366.1	9.22,9.22
25	891.1	825.8	846.9	870.2	909.0	874.2	854.1	831.9	20- 25	185.3	551.4	13.9,13.9
30	831.8	771.7	804.7	815.0	839.0	814.3	813.3	779.0	25- 30	209.1	760.5	19.2,19.2
35	766.0	715.6	762.5	736.2	786.4	728.7	772.5	724.5	30- 35	226.4	986.9	24.9,24.9
40	696.1	659.0	720.4	652.6	726.1	646.1	731.8	669.5	35- 40	237.6	1224	30.8,30.8
45	619.3	602.2	678.2	584.4	659.2	584.9	691.0	614.7	40- 45	242.4	1467	37,37
50	540.0	545.1	604.2	529.0	585.6	534.2	614.6	559.9	45- 50	239.7	1707	43,43
55	459.2	488.1	530.2	476.8	508.2	482.2	538.3	504.4	50- 55	227.6	1934	48.7,48.7
60	377.2	410.1	456.2	405.8	427.8	410.0	461.9	423.7	55- 60	208.4	2143	54,54
65	295.8	334.9	382.2	335.9	346.1	338.6	385.5	346.3	60- 65	183.3	2326	58.6,58.6
70	216.4	263.9	308.2	266.6	264.3	268.4	309.2	272.3	65- 70	153.6	2479	62.5,62.5
75	140.3	196.1	234.3	199.5	184.1	200.0	232.8	201.8	70- 75	120.6	2600	65.5,65.5
80	69.32	131.1	160.3	133.9	105.4	133.3	156.4	134.2	75- 80	86.04	2686	67.7,67.7
85	12.43	68.35	86.29	69.57	36.67	67.89	80.07	68.76	80- 85	51.49	2738	69,69
90	3.977	6.782	12.30	6.023	3.560	3.274	3.702	4.415	85- 90	18.78	2756	69.4,69.4
95	16.93	34.95	43.11	30.18	18.26	25.52	35.57	33.25	90- 95	9.967	2766	69.7,69.7
100	51.24	63.55	73.93	54.89	46.43	49.36	67.44	62.47	95-100	24.24	2791	70.3,70.3
105	83.47	92.87	104.7	80.21	74.85	75.86	99.31	92.57	100-105	38.94	2829	71.3,71.3
110	117.2	123.1	135.6	106.6	106.3	106.0	131.2	123.6	105-110	53.34	2883	72.6,72.6
115	152.4	154.3	166.4	135.0	131.6	138.1	163.1	155.9	110-115	66.77	2950	74.3,74.3
120	187.7	186.8	197.2	167.7	176.4	171.1	194.9	189.4	115-120	79.41	3029	76.3,76.3
125	223.2	220.0	228.0	205.4	210.4	209.8	226.8	223.8	120-125	90.26	3119	78.6,78.6
130	257.5	244.8	258.8	238.0	233.6	242.4	258.7	248.5	125-130	98.67	3218	81.1,81.1
135	290.8	269.5	289.6	267.2	277.1	273.5	290.5	273.2	130-135	104.2	3322	83.7,83.7
140	322.8	294.9	309.8	296.7	311.9	303.8	310.7	298.2	135-140	106.1	3428	86.4,86.4
145	352.4	320.4	330.0	328.6	338.0	332.1	330.9	323.4	140-145	104.4	3533	89,89
150	381.0	345.6	350.2	353.7	362.9	354.3	351.1	348.1	145-150	99.86	3633	91.5,91.5
155	406.2	369.8	370.3	377.7	420.5	377.5	371.3	371.7	150-155	92.72	3725	93.8,93.8
160	428.1	392.4	390.5	400.3	440.9	400.1	391.5	394.2	155-160	82.03	3807	95.9,95.9
165	444.1	414.8	410.7	421.8	456.3	421.9	411.7	415.9	160-165	67.94	3875	97.6,97.6
170	457.3	435.6	430.9	440.9	466.7	440.8	431.9	436.5	165-170	51.20	3926	98.9,98.9
175	466.9	454.6	451.1	457.7	472.3	458.1	452.1	455.3	170-175	32.11	3959	99.7,99.7
180	471.2	471.2	471.2	471.2	472.2	472.2	472.2	472.2	175-180	11.06	3970	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	738	5124
80	2066	4777
75	2805	4685
70	3275	4665
65	3623	4681
60	3905	4723
55	4144	4785
50	4348	4865
45	4533	4964

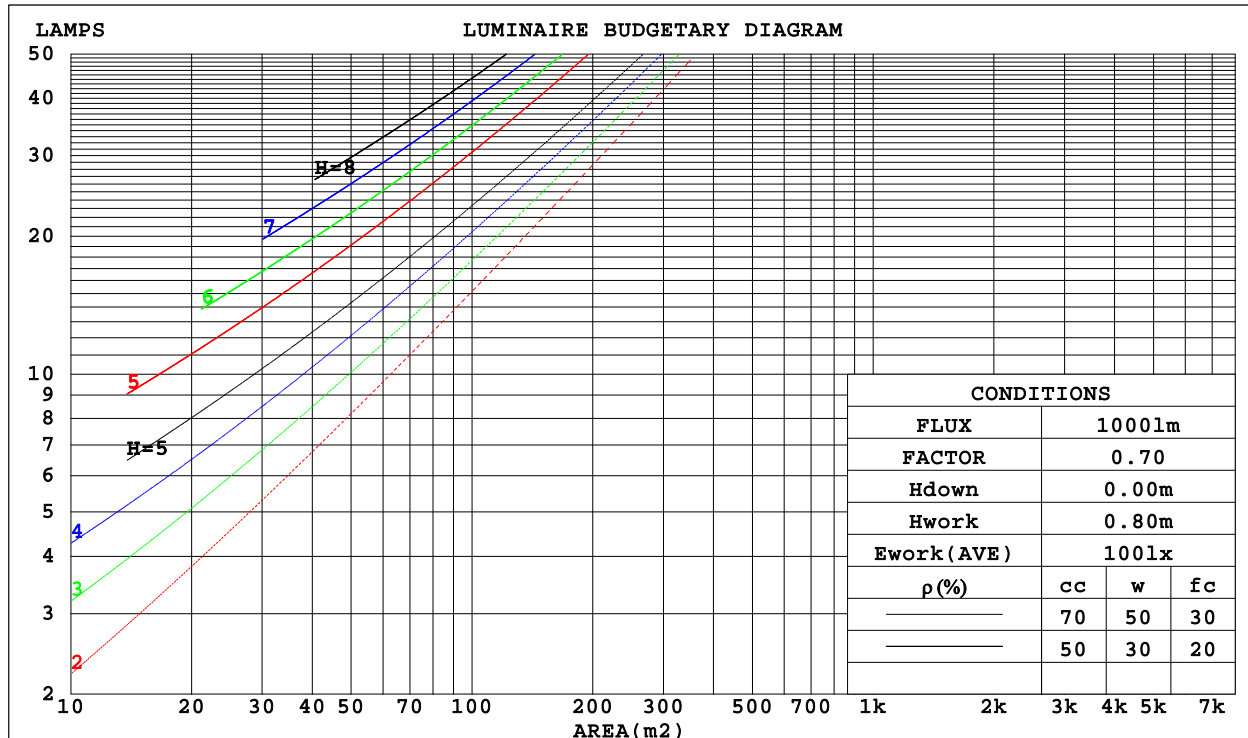
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 26.3DEG
Operators: Ethan
Test Date: 2021-08-16

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

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.2V I:0.2610A P:31.30W PF:0.9950 Lamp Flux:3969.57x1 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:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{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	.47	.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

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

WEC AND CCEC

Test:U:120.2V I:0.2610A P:31.30W PF:0.9950 Lamp Flux:3969.57x1 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	.299	.170	.054	.283	.161	.051	.253	.145	.046	.225	.130	.042	.199	.115	.037		
2.0	.278	.152	.047	.263	.145	.045	.235	.131	.041	.210	.118	.037	.186	.105	.033		
3.0	.256	.136	.041	.243	.130	.039	.217	.118	.036	.194	.106	.033	.173	.096	.030		
4.0	.236	.123	.036	.224	.117	.035	.201	.106	.032	.179	.096	.029	.160	.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	.173	.089	.026	.155	.080	.024	.138	.073	.022		
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	.022	.135	.069	.020	.121	.062	.018		
9.0	.165	.080	.022	.157	.076	.021	.142	.070	.020	.127	.064	.018	.114	.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	.423	.423	.423	.362	.362	.362	.247	.247	.247	.142	.142	.142	.045	.045	.045		
1.0	.414	.391	.370	.355	.336	.318	.243	.231	.220	.140	.134	.128	.045	.043	.041		
2.0	.407	.368	.336	.348	.317	.291	.239	.219	.203	.138	.128	.119	.044	.041	.039		
3.0	.399	.352	.314	.342	.304	.272	.235	.211	.191	.136	.123	.113	.044	.040	.037		
4.0	.392	.339	.299	.337	.293	.260	.231	.204	.183	.134	.120	.108	.043	.039	.036		
5.0	.385	.330	.289	.331	.285	.251	.228	.199	.177	.132	.117	.105	.043	.038	.035		
6.0	.379	.322	.281	.325	.279	.245	.225	.195	.173	.130	.115	.103	.042	.038	.034		
7.0	.372	.315	.275	.320	.273	.240	.221	.192	.170	.129	.113	.101	.042	.037	.033		
8.0	.366	.310	.271	.315	.269	.237	.218	.189	.168	.127	.111	.100	.041	.037	.033		
9.0	.361	.305	.268	.311	.265	.234	.215	.186	.166	.125	.110	.099	.041	.036	.033		
10.0	.355	.301	.265	.306	.262	.232	.212	.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:0.2610A P:31.30W PF:0.9950 Lamp Flux:3969.57x1 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	15.4	16.5	16.0	17.1	17.9	16.5	17.7	17.2	18.3	19.1	
	3H	16.6	17.6	17.2	18.3	19.1	18.2	19.2	18.9	19.9	20.7
	4H	17.0	17.9	17.7	18.6	19.4	19.0	19.9	19.7	20.6	21.5
	6H	17.1	18.0	17.9	18.8	19.6	19.6	20.5	20.3	21.2	22.1
	8H	17.1	18.0	17.9	18.7	19.6	19.9	20.7	20.6	21.5	22.3
	12H	17.1	17.9	17.8	18.6	19.5	20.1	20.9	20.8	21.7	22.5
4H	2H	16.0	17.0	16.7	17.7	18.5	16.9	17.9	17.6	18.6	19.4
	3H	17.4	18.3	18.2	19.0	19.9	18.8	19.6	19.6	20.4	21.3
	4H	18.0	18.7	18.7	19.5	20.4	19.7	20.5	20.5	21.2	22.1
	6H	18.3	18.9	19.1	19.7	20.7	20.5	21.2	21.3	22.0	22.9
	8H	18.3	18.9	19.1	19.7	20.7	20.9	21.5	21.7	22.3	23.2
	12H	18.3	18.9	19.1	19.7	20.6	21.1	21.7	21.9	22.5	23.5
8H	4H	18.4	19.0	19.2	19.8	20.7	19.9	20.5	20.7	21.3	22.2
	6H	18.9	19.4	19.7	20.2	21.2	20.8	21.3	21.7	22.2	23.2
	8H	19.0	19.5	19.9	20.3	21.3	21.3	21.7	22.1	22.6	23.6
	12H	19.1	19.5	19.9	20.3	21.4	21.7	22.1	22.6	22.9	24.0
12H	4H	18.4	18.9	19.2	19.8	20.7	19.8	20.4	20.7	21.2	22.2
	6H	19.0	19.4	19.8	20.3	21.3	20.9	21.3	21.7	22.1	23.2
	8H	19.2	19.6	20.1	20.5	21.5	21.4	21.7	22.2	22.6	23.7
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 3970 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.8)

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

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.268
 Humidity:36%
 Test Distance:6.770m [K=1.0000]
 Remarks: 聚鑫德源 AI40D2C-421000
 源磊A+ 13S5P/13S10P
 E款 7:3

UTILIZATION FACTORS TABLE

Test:U:120.2V I:0.2610A P:31.30W PF:0.9950 Lamp Flux:3969.57x1 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:

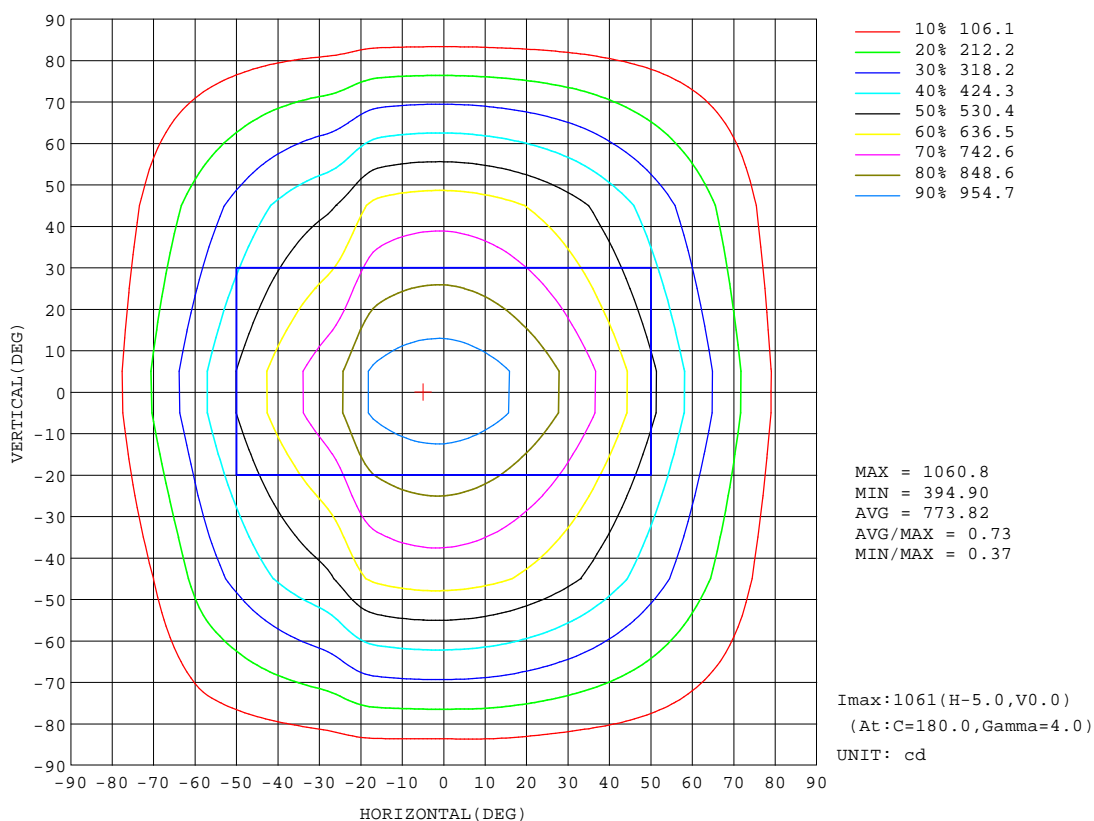
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	49	38	31	47	37	31	44	35	29	22
0.80	59	47	40	56	46	39	52	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	71	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:0.2610A P:31.30W PF:0.9950 Lamp Flux:3969.57x1 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:



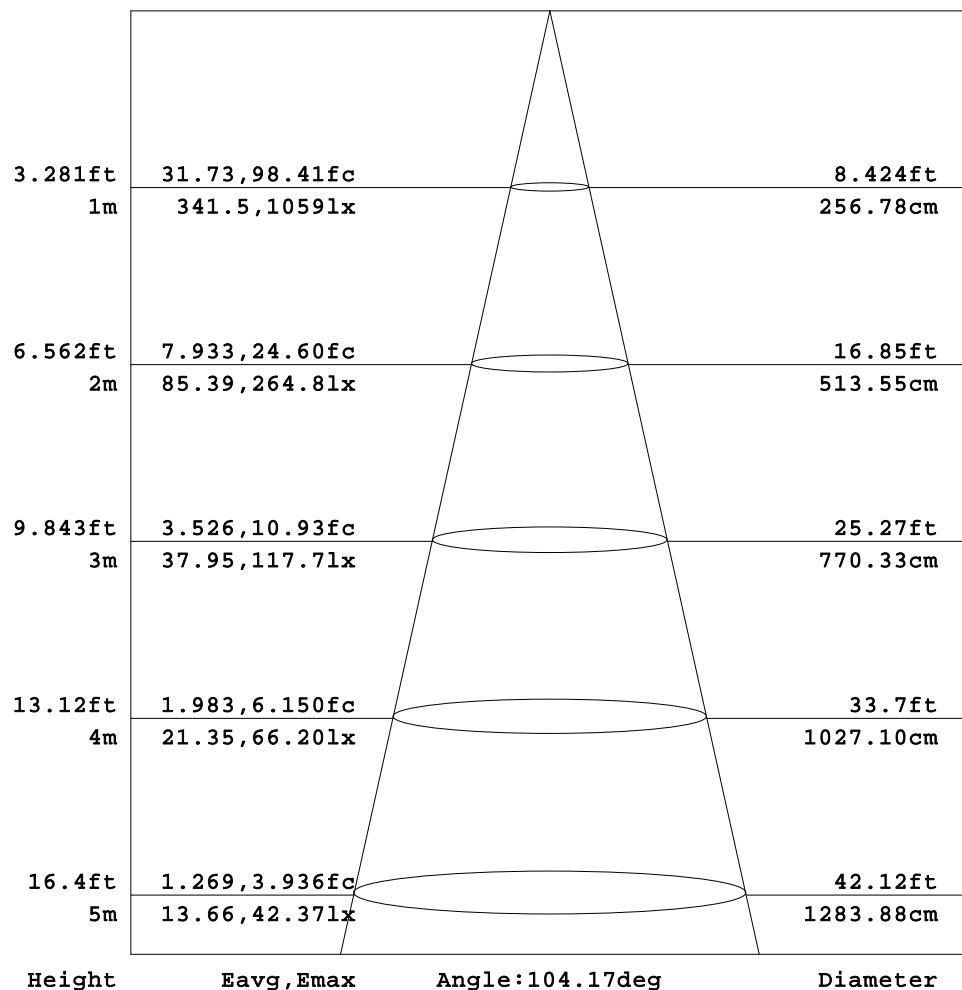
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:26.3DEG
Operators:Ethan
Test Date:2021-08-16

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

AAI Figure

Test:U:120.2V I:0.2610A P:31.30W PF:0.9950 Lamp Flux:3969.57x1 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:1822 lm



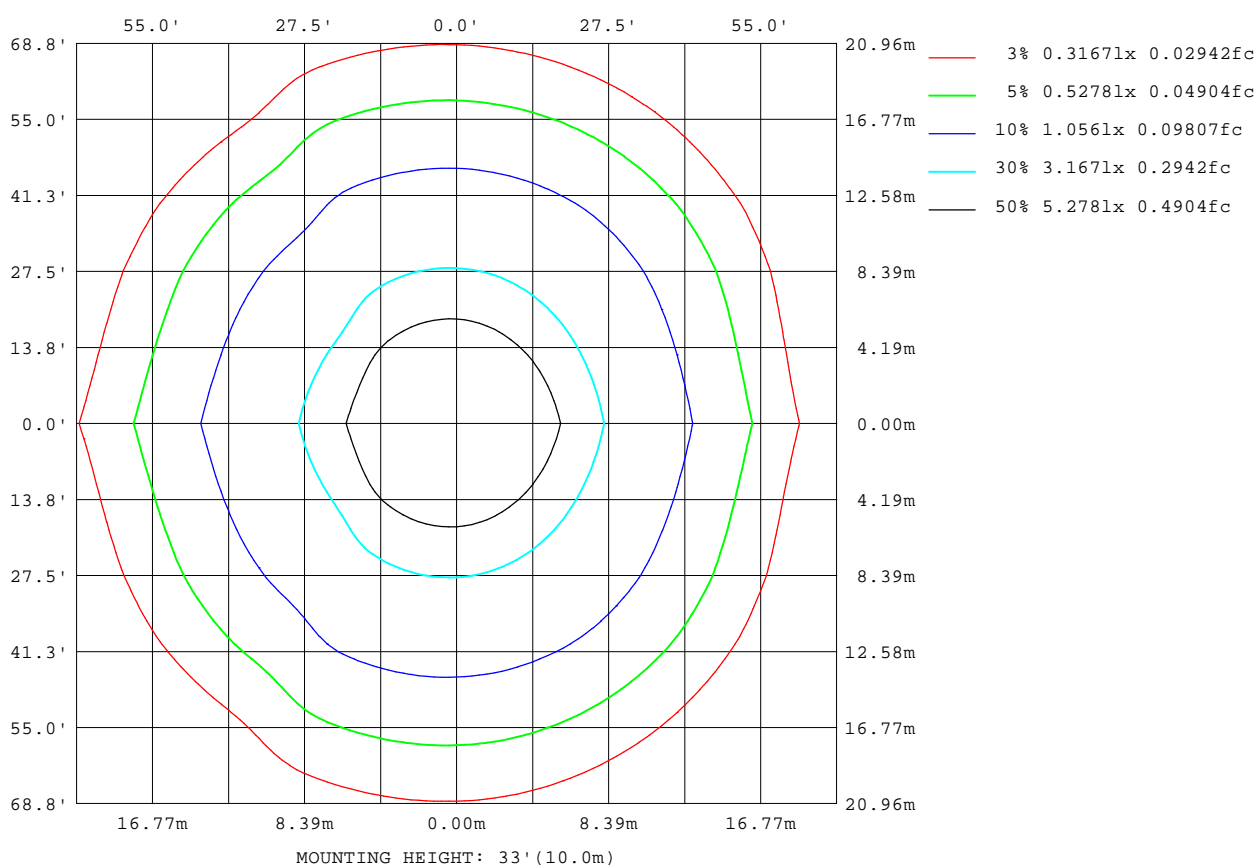
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

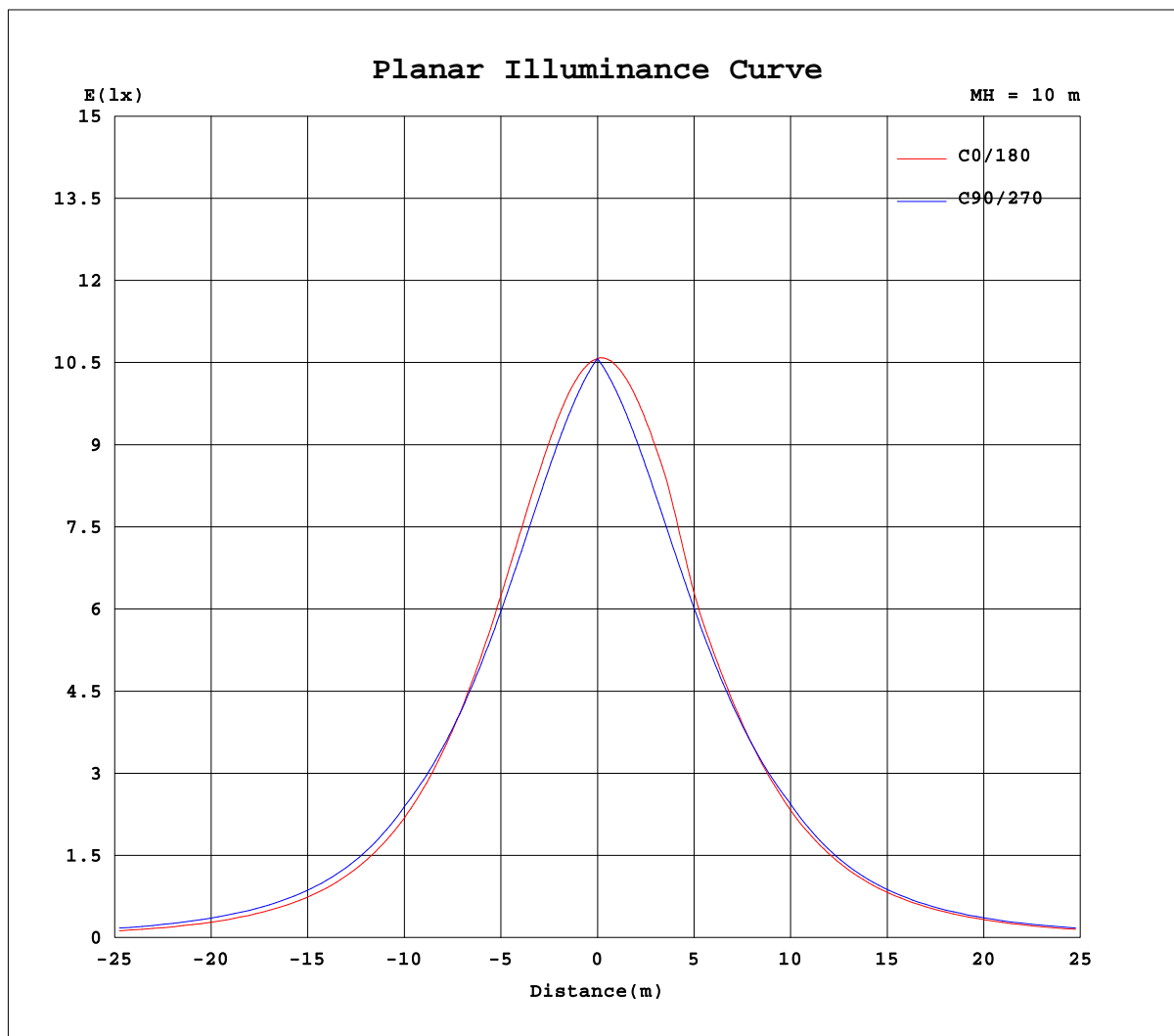
Test:U:120.2V I:0.2610A P:31.30W PF:0.9950 Lamp Flux:3969.57x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:3500K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:



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

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

Planar Illuminance Curve



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:0.2610A P:31.30W PF:0.9950 Lamp Flux:3969.57x1 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	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058
5	1044	1040	1037	1034	1031	1028	1025	1023	1021	1019	1018	1017	1016	1015	1015	1014	1014	1015	1016
10	1019	1012	1006	1000	994	989	985	982	979	976	974	973	972	971	971	971	971	972	973
15	984	974	965	957	950	944	939	935	932	929	927	926	926	925	926	927	928	929	931
20	942	929	918	909	900	893	887	883	880	879	878	878	878	879	880	883	884	887	889
25	891	876	863	852	844	837	832	829	827	826	826	828	830	832	835	838	841	844	847
30	832	815	800	789	781	775	772	770	770	772	774	777	781	785	789	793	798	801	805
35	766	747	732	722	714	709	708	709	712	716	721	726	731	738	744	749	754	759	763
40	696	676	661	650	644	641	642	646	652	659	666	675	683	690	698	705	711	716	720
45	619	598	584	574	571	571	576	582	591	602	613	623	634	644	653	661	668	674	678
50	540	518	504	498	496	501	508	519	531	545	560	573	581	585	589	593	597	601	604
55	459	438	425	421	423	430	442	456	473	488	494	500	505	510	514	519	523	527	530
60	377	356	346	346	352	363	378	396	403	410	417	424	430	436	441	446	450	454	456
65	296	277	270	273	284	300	312	319	327	335	343	350	357	363	368	373	377	380	382
70	216	199	197	206	221	231	239	247	256	264	271	278	285	290	296	301	304	307	308
75	140	126	130	145	155	164	173	181	189	196	203	208	214	219	224	229	232	234	234
80	69.3	61.1	71.8	84.3	95.6	104	112	119	125	131	136	140	144	149	153	157	160	161	160
85	12.4	12.8	27.6	38.7	46.6	52.2	56.7	61.2	64.9	68.3	71.2	73.4	75.7	78.9	82.2	85.4	87.4	87.5	86.3
90	3.98	3.92	3.92	3.90	3.99	4.08	4.34	5.23	6.09	6.78	7.17	7.20	7.41	9.30	11.7	14.0	15.2	14.4	12.3
95	16.9	21.0	25.4	27.4	28.4	29.4	30.7	32.2	33.7	35.0	35.9	36.4	37.1	39.2	41.7	44.1	45.4	44.8	43.1
100	51.2	47.8	53.6	53.9	54.8	56.1	58.1	60.0	61.8	63.6	64.9	65.9	67.1	69.3	71.9	74.2	75.6	75.3	73.9
105	83.5	77.4	78.6	83.6	84.3	85.8	87.2	89.1	91.0	92.9	94.5	95.8	97.3	99.7	102	104	106	106	105
110	117	109	107	110	115	117	118	120	121	123	125	126	128	130	133	135	136	136	136
115	152	143	139	140	143	148	151	152	153	154	156	157	159	161	163	165	167	167	166
120	188	178	172	171	172	175	180	185	186	187	188	189	190	192	194	196	197	197	197
125	223	213	206	203	202	204	207	211	216	220	221	221	222	224	225	226	227	228	228
130	257	247	240	235	233	233	235	238	241	245	249	253	254	255	256	257	258	258	259
135	291	280	273	268	265	263	264	265	267	269	273	276	279	281	284	286	288	289	290
140	323	313	305	300	296	293	292	293	293	295	297	299	301	303	305	307	308	309	310
145	352	343	336	330	326	323	321	320	320	320	321	322	323	324	326	327	328	330	330
150	381	373	365	359	355	351	349	347	346	346	345	345	346	346	347	348	349	350	350
155	406	399	392	387	382	378	375	373	371	370	369	368	368	368	368	369	369	370	370
160	428	422	416	411	407	403	400	397	394	392	391	391	390	390	390	390	390	390	391
165	444	439	435	431	427	424	421	419	417	415	413	412	411	411	410	410	410	411	411
170	457	454	451	448	446	443	441	439	437	436	434	433	432	432	431	431	431	431	431
175	467	465	464	462	460	459	458	457	456	455	454	453	452	452	452	452	451	451	451
180	471	471	471	471	471	471	471	471	471	471	471	471	471	471	471	471	471	471	471

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:0.2610A P:31.30W PF:0.9950 Lamp Flux:3969.57x1 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	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058
5	1017	1018	1019	1021	1022	1024	1026	1028	1031	1034	1037	1040	1043	1046	1049	1052	1056	1060	1056
10	975	977	979	981	984	986	990	994	998	1002	1007	1012	1018	1024	1030	1037	1044	1051	1044
15	934	936	938	940	944	947	951	955	960	965	971	977	984	992	1000	1010	1020	1031	1020
20	892	894	896	899	902	905	908	913	917	922	928	935	943	952	961	972	984	998	984
25	850	852	854	856	859	861	863	866	870	875	877	875	874	873	876	883	894	909	893
30	808	810	811	813	814	815	817	818	815	804	791	780	776	779	789	803	820	839	820
35	765	768	769	769	769	769	768	757	736	715	702	702	708	718	730	746	764	786	765
40	723	725	725	725	723	722	709	681	653	639	638	642	649	657	668	683	703	726	703
45	681	682	682	681	678	670	641	604	584	581	581	583	586	592	602	616	635	659	635
50	608	610	613	616	618	606	570	538	529	527	524	522	522	524	530	542	560	586	560
55	533	535	538	540	539	517	484	473	477	472	466	460	455	453	456	465	482	508	483
60	459	461	463	464	460	432	406	404	406	407	409	398	388	383	382	388	402	428	403
65	384	386	388	389	380	352	336	336	336	335	333	331	324	315	307	304	317	346	322
70	310	311	313	314	303	278	269	268	267	264	261	257	255	243	223	219	233	264	242
75	235	236	238	239	228	209	204	202	200	196	192	188	181	162	145	140	152	184	165
80	161	161	163	164	155	143	139	136	134	131	127	124	112	96.6	81.7	69.8	77.4	105	92.8
85	86.5	86.7	88.5	89.5	84.5	77.4	74.2	71.8	69.6	67.5	65.5	63.2	55.5	46.3	37.3	28.0	20.7	36.7	32.7
90	12.1	12.0	13.8	15.3	14.7	12.9	10.0	7.63	6.02	5.47	5.37	5.24	4.89	4.48	3.99	3.69	3.06	3.56	2.80
95	43.0	42.8	44.3	45.3	44.5	42.4	37.3	32.6	30.2	27.9	27.0	26.9	26.1	24.5	22.6	18.6	14.9	18.3	9.00
100	73.9	73.6	74.7	75.4	74.4	72.1	65.3	58.1	54.9	51.1	49.4	48.6	48.6	46.6	44.1	41.8	39.3	46.4	32.2
105	105	104	105	106	105	102	94.7	85.0	80.2	76.2	72.7	70.8	73.1	71.8	69.9	67.6	69.8	74.9	62.0
110	136	135	136	136	135	133	126	114	107	103	97.6	96.1	96.2	98.9	94.5	86.7	92.5	106	93.3
115	167	166	166	166	165	164	158	146	135	132	127	123	121	121	123	124	127	132	123
120	197	197	197	197	196	195	192	181	168	161	159	150	148	149	150	156	163	176	164
125	228	228	228	228	227	227	226	219	205	192	186	182	175	175	183	188	196	210	196
130	259	259	259	259	259	259	257	251	238	224	215	212	212	210	207	210	220	234	220
135	290	290	289	287	285	283	281	276	267	258	249	244	244	246	250	256	263	277	264
140	311	310	309	308	308	306	305	303	297	288	283	279	277	278	282	289	298	312	301
145	331	331	330	330	330	329	329	329	329	325	315	310	309	311	314	319	326	338	329
150	351	352	351	351	352	352	352	353	354	355	357	356	351	346	345	348	353	363	356
155	371	372	372	373	373	374	375	376	378	380	382	386	390	394	399	404	411	421	413
160	391	392	393	394	394	396	397	398	400	403	406	409	413	417	422	427	433	441	434
165	412	412	413	414	415	416	418	420	422	424	427	429	433	436	440	445	450	456	451
170	432	432	433	434	435	436	437	439	441	443	445	447	450	453	456	459	462	467	463
175	451	452	453	453	454	455	456	457	458	459	460	462	463	465	466	468	470	472	471
180	471	471	471	471	471	471	471	471	471	471	471	471	471	471	471	471	471	472	472

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:0.2610A P:31.30W PF:0.9950 Lamp Flux:3969.57x1 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(°) γ (°)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058
5	1053	1049	1046	1043	1040	1037	1035	1032	1029	1027	1025	1023	1022	1020	1019	1018	1017	1016	1016
10	1037	1031	1025	1019	1013	1008	1004	1000	996	992	989	986	984	981	980	978	976	975	974
15	1011	1001	993	986	979	973	967	962	958	954	950	947	944	942	940	938	936	934	932
20	972	962	953	945	937	931	925	920	916	913	909	906	904	901	899	897	895	892	890
25	882	874	871	871	874	877	877	874	871	868	867	864	862	860	859	856	854	851	848
30	803	789	778	773	776	785	800	814	822	822	822	821	820	819	817	816	813	810	806
35	746	731	719	709	702	700	708	729	754	772	776	777	777	777	776	775	773	769	764
40	684	670	659	651	645	641	639	646	672	705	727	732	734	735	735	734	732	728	723
45	617	604	594	589	586	585	585	585	596	629	668	687	691	693	694	693	691	687	681
50	543	532	526	525	525	528	531	534	537	558	597	624	625	622	620	617	615	611	608
55	466	457	454	457	463	470	477	482	477	478	504	538	547	545	543	541	538	535	532
60	389	383	384	390	400	413	412	410	407	404	419	453	468	467	466	464	462	459	456
65	311	310	317	327	334	336	338	339	338	336	342	370	390	390	389	387	386	383	380
70	236	241	252	257	259	262	266	268	269	269	270	291	311	312	312	310	309	307	304
75	165	176	181	185	189	193	197	200	201	202	202	216	233	235	235	234	233	231	229
80	102	108	114	119	123	127	130	133	135	135	135	144	156	158	158	157	156	155	154
85	43.1	50.8	55.6	59.2	62.0	64.1	66.0	67.9	68.9	69.3	69.4	73.3	79.9	80.8	80.6	80.2	80.1	79.7	78.9
90	2.73	2.75	2.67	2.71	2.84	2.95	3.10	3.27	3.48	3.64	3.79	3.97	3.95	3.76	3.60	3.53	3.70	3.96	3.88
95	12.0	16.0	20.1	23.3	24.5	22.3	23.7	25.5	29.8	32.3	35.3	35.9	35.2	35.0	35.0	35.2	35.6	35.9	35.8
100	28.7	34.4	41.2	45.0	46.0	43.0	44.7	49.4	56.6	61.5	67.2	67.7	66.5	66.2	66.4	66.9	67.4	67.8	67.8
105	57.8	61.1	67.5	69.0	62.4	64.4	65.5	75.9	84.5	92.1	99.7	99.5	97.8	97.5	97.9	98.6	99.3	99.7	99.8
110	84.4	89.9	93.7	93.1	84.5	87.7	88.7	106	114	125	133	131	129	129	129	130	131	132	132
115	119	120	119	107	110	111	123	138	147	160	166	163	160	160	161	162	163	164	164
120	156	145	140	138	136	142	162	171	183	196	198	194	192	192	193	194	195	196	196
125	186	178	168	164	170	185	197	210	224	233	230	225	223	224	225	226	227	228	228
130	208	202	201	207	214	220	228	242	258	264	261	257	255	256	257	258	259	260	260
135	256	251	248	248	248	253	262	273	283	285	283	283	284	285	288	289	291	291	291
140	292	286	282	280	282	287	294	304	308	306	305	305	306	307	309	310	311	311	311
145	322	317	314	314	315	321	330	332	330	328	328	328	328	329	330	330	331	331	331
150	352	349	351	356	360	360	357	354	353	351	350	350	350	350	351	351	351	351	351
155	407	401	396	391	387	383	380	378	375	374	373	372	372	371	372	371	371	371	371
160	428	423	418	413	409	406	403	400	398	397	395	394	393	393	392	392	391	391	391
165	446	441	437	433	430	427	424	422	420	418	416	415	414	413	412	412	412	411	411
170	460	456	453	450	448	446	443	441	439	438	437	435	434	433	433	432	432	432	431
175	469	467	465	464	462	461	459	458	457	456	455	454	454	453	453	452	452	452	452
180	472	472	472	472	472	472	472	472	472	472	472	472	472	472	472	472	472	472	472

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:0.2610A P:31.30W PF:0.9950 Lamp Flux:3969.57x1 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	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058				
5	1016	1016	1017	1017	1018	1019	1020	1022	1024	1026	1028	1031	1034	1037	1040				
10	974	973	973	974	975	976	978	981	984	987	991	995	1000	1006	1012				
15	931	930	929	929	930	931	933	935	938	941	946	952	958	966	974				
20	888	886	885	883	883	883	883	884	887	891	896	903	910	919	930				
25	845	842	839	837	834	833	832	833	834	837	841	847	854	864	877				
30	802	798	794	789	785	782	779	777	776	777	780	785	792	802	816				
35	759	754	748	742	736	730	725	720	717	715	715	719	725	735	748				
40	717	710	702	695	686	678	670	662	655	651	648	649	654	663	677				
45	674	666	658	647	637	626	615	603	593	585	580	577	579	587	600				
50	605	601	599	595	589	575	560	545	531	519	510	504	503	508	520				
55	528	525	521	517	513	509	504	488	470	454	441	431	427	429	440				
60	453	449	445	441	436	430	424	418	412	392	375	361	353	351	359				
65	377	373	369	365	360	353	346	339	333	326	313	295	282	276	279				
70	302	299	295	291	286	279	272	265	258	250	243	233	215	204	203				
75	227	224	221	218	214	208	202	195	188	181	173	165	156	138	130				
80	152	151	149	146	143	139	134	129	124	118	111	103	93.3	81.4	66.3				
85	78.2	77.4	76.4	75.2	73.4	71.2	68.8	66.0	63.0	59.5	55.4	50.2	42.9	33.0	19.0				
90	4.12	4.30	4.44	4.51	4.52	4.48	4.42	4.34	4.28	4.23	4.18	4.12	4.05	3.96	3.86				
95	35.9	35.8	35.6	35.2	34.7	34.0	33.3	32.4	31.4	30.4	29.0	27.5	25.8	22.3	14.9				
100	67.7	67.4	66.9	66.1	65.0	63.9	62.5	60.9	59.3	57.5	55.2	53.1	51.2	49.1	44.2				
105	99.5	99.0	98.3	97.2	95.8	94.4	92.6	90.6	88.6	86.6	84.3	82.4	80.6	75.5	75.0				
110	131	131	130	129	127	125	124	122	120	118	116	113	108	105	107				
115	164	163	162	161	159	158	156	154	153	152	148	142	138	137	141				
120	196	195	194	193	192	190	189	188	187	181	175	171	170	171	176				
125	228	228	227	226	225	224	224	219	213	208	205	202	202	205	212				
130	260	260	260	259	258	253	249	244	240	237	234	234	235	239	246				
135	290	288	286	284	280	277	273	270	267	265	265	265	268	273	280				
140	310	309	307	305	303	301	298	296	295	294	295	296	300	305	312				
145	330	329	328	327	326	324	323	322	322	323	324	327	330	336	343				
150	350	350	349	349	348	348	348	348	349	350	353	355	360	365	372				
155	371	370	370	370	370	371	372	373	375	377	379	383	387	392	399				
160	391	391	391	392	392	393	394	396	398	401	404	407	412	416	422				
165	411	412	412	413	413	415	416	417	420	422	425	428	431	435	440				
170	432	432	433	433	434	435	437	438	440	441	443	446	449	452	455				
175	452	452	452	453	454	454	455	456	457	458	460	461	462	464	466				
180	472	472	472	472	472	472	472	472	472	472	472	472	472	472	472				

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