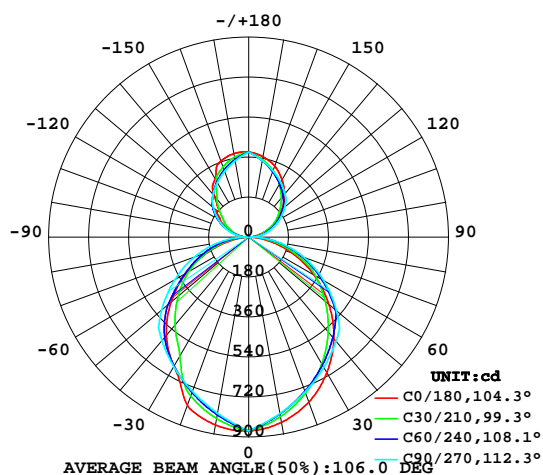


LUMINAIRE PHOTOMETRIC TEST REPORT

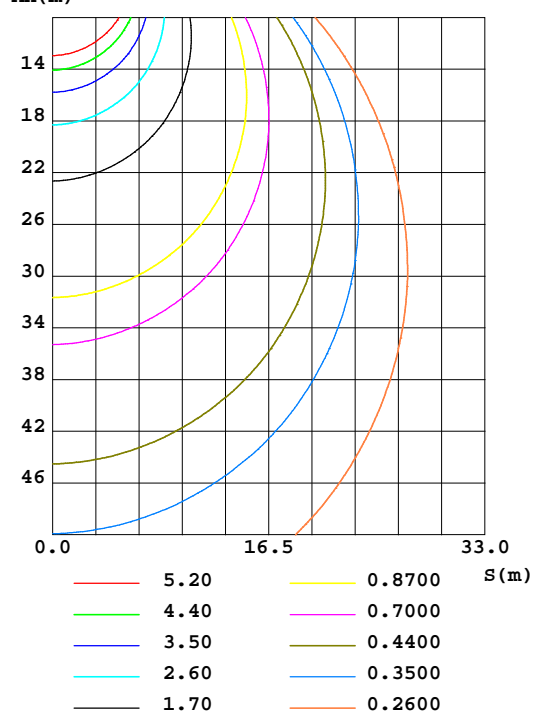
Test:U:120.3V I:0.2140A P:25.60W PF:0.9930 Lamp Flux:3282.16x1 lm					
NAME: 二代线条灯			TYPE:上下发光 白色外壳		WEIGHT:
DIM.: 2FT			SPEC.:4000K		SERIAL No.:YQ2107-7
MFR.: YQ			SUR.:0.171*1.13m		PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 128.21 lm/W			
MODEL		I _{max} (cd)	872.9	S/MH(C0/180)	1.21
NOMINAL POWER(W)	26	LOR(%)	100.0	S/MH(C90/270)	1.17
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	3282.2	η UP,DN(C0-180)	15.1,35.2
NOMINAL FLUX(lm)	3282.16	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	14.7,35.0
LAMPS INSIDE	1	η up(%)	29.8	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.3	η down(%)	70.2	CIBSE SHR MAX	1.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



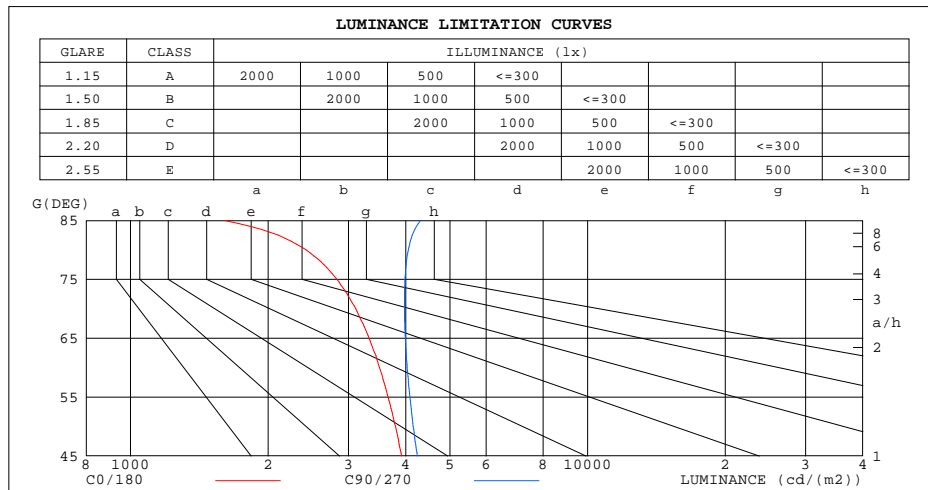
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:26.3DEG
 Operators:Ethan
 Test Date:2021-08-16

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 3:7

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	864.4	844.8	839.6	848.7	870.9	848.3	839.1	844.4	0- 5	20.49	20.49	0.62,0.62
10	847.4	813.3	807.1	821.1	859.2	820.2	806.0	812.7	5- 10	59.67	80.16	2.44,2.44
15	822.4	778.3	774.6	788.4	838.4	787.1	773.0	777.6	10- 15	95.46	175.6	5.35,5.35
20	791.2	740.5	742.1	752.5	806.3	750.6	740.0	739.7	15- 20	127.1	302.7	9.22,9.22
25	751.3	700.4	709.6	713.8	729.0	710.6	707.0	699.6	20- 25	153.5	456.3	13.9,13.9
30	704.6	658.8	677.1	665.8	673.7	655.4	673.9	658.2	25- 30	173.4	629.7	19.2,19.2
35	652.8	615.3	644.6	598.4	627.8	580.9	640.9	614.9	30- 35	188.2	817.9	24.9,24.9
40	596.9	570.7	612.1	530.2	576.8	516.4	607.9	570.8	35- 40	197.9	1016	31,31
45	535.6	526.5	579.6	476.8	518.9	469.8	574.9	527.3	40- 45	202.5	1218	37.1,37.1
50	471.8	482.3	516.2	432.4	457.1	427.7	511.5	483.8	45- 50	200.7	1419	43.2,43.2
55	405.8	437.3	452.8	389.7	392.2	384.8	448.1	439.5	50- 55	191.0	1610	49.1,49.1
60	338.9	369.2	389.4	329.7	325.5	325.9	384.7	371.4	55- 60	175.0	1785	54.4,54.4
65	271.6	303.0	326.1	271.5	257.8	267.9	321.3	305.2	60- 65	154.2	1939	59.1,59.1
70	205.7	239.5	262.7	214.4	190.9	211.4	257.9	241.4	65- 70	129.4	2069	63,63
75	141.5	178.8	199.3	159.3	125.9	157.0	194.6	180.3	70- 75	101.8	2170	66.1,66.1
80	81.27	120.2	135.9	106.0	63.35	104.3	131.2	121.4	75- 80	72.81	2243	68.3,68.3
85	27.01	63.08	72.58	53.87	12.57	52.78	67.79	63.88	80- 85	43.79	2287	69.7,69.7
90	3.922	6.953	9.204	2.484	2.457	2.175	4.405	7.207	85- 90	16.16	2303	70.2,70.2
95	4.855	28.29	34.70	24.13	22.52	21.82	29.90	28.32	90- 95	8.323	2312	70.4,70.4
100	29.73	50.03	60.20	46.03	43.66	41.72	55.39	49.83	95-100	19.55	2331	71,71
105	56.38	72.43	85.70	68.35	69.12	62.40	80.89	72.01	100-105	31.44	2362	72,72
110	83.31	95.82	111.2	91.60	97.42	84.40	106.4	95.12	105-110	43.24	2406	73.3,73.3
115	111.4	120.1	136.7	116.7	117.7	106.6	131.9	119.5	110-115	54.22	2460	74.9,74.9
120	140.1	145.6	162.2	145.1	147.9	127.7	157.4	145.4	115-120	64.18	2524	76.9,76.9
125	169.0	172.0	187.7	177.6	165.9	152.3	182.9	171.9	120-125	72.53	2597	79.1,79.1
130	197.3	192.3	213.2	203.9	184.7	177.3	208.4	192.1	125-130	78.93	2676	81.5,81.5
135	225.0	213.0	238.7	227.4	200.9	209.5	233.9	212.7	130-135	82.73	2758	84,84
140	252.0	233.9	254.7	248.8	239.2	246.1	250.4	233.5	135-140	84.76	2843	86.6,86.6
145	276.8	255.0	270.8	275.6	283.8	273.7	267.0	254.6	140-145	84.39	2927	89.2,89.2
150	300.5	276.2	286.8	295.5	302.7	292.3	283.5	275.5	145-150	80.96	3008	91.7,91.7
155	322.1	296.6	302.9	314.0	345.8	310.9	300.1	295.9	150-155	75.20	3084	94.94
160	341.8	315.5	318.9	331.2	365.0	328.7	316.7	314.9	155-160	66.67	3150	96,96
165	356.1	334.3	334.9	347.1	375.7	345.3	333.2	333.4	160-165	55.22	3206	97.7,97.7
170	368.7	352.0	351.0	361.3	382.3	360.2	349.8	351.3	165-170	41.59	3247	98.9,98.9
175	377.7	368.4	367.0	373.3	384.8	372.7	366.3	367.8	170-175	26.08	3273	99.7,99.7
180	383.1	383.1	383.1	383.1	382.9	382.9	382.9	382.9	175-180	8.981	3282	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G(°)	C0/180	C90/270
85	1604	4310
80	2422	4052
75	2829	3986
70	3113	3976
65	3326	3994
60	3508	4031
55	3662	4086
50	3799	4157
45	3921	4242

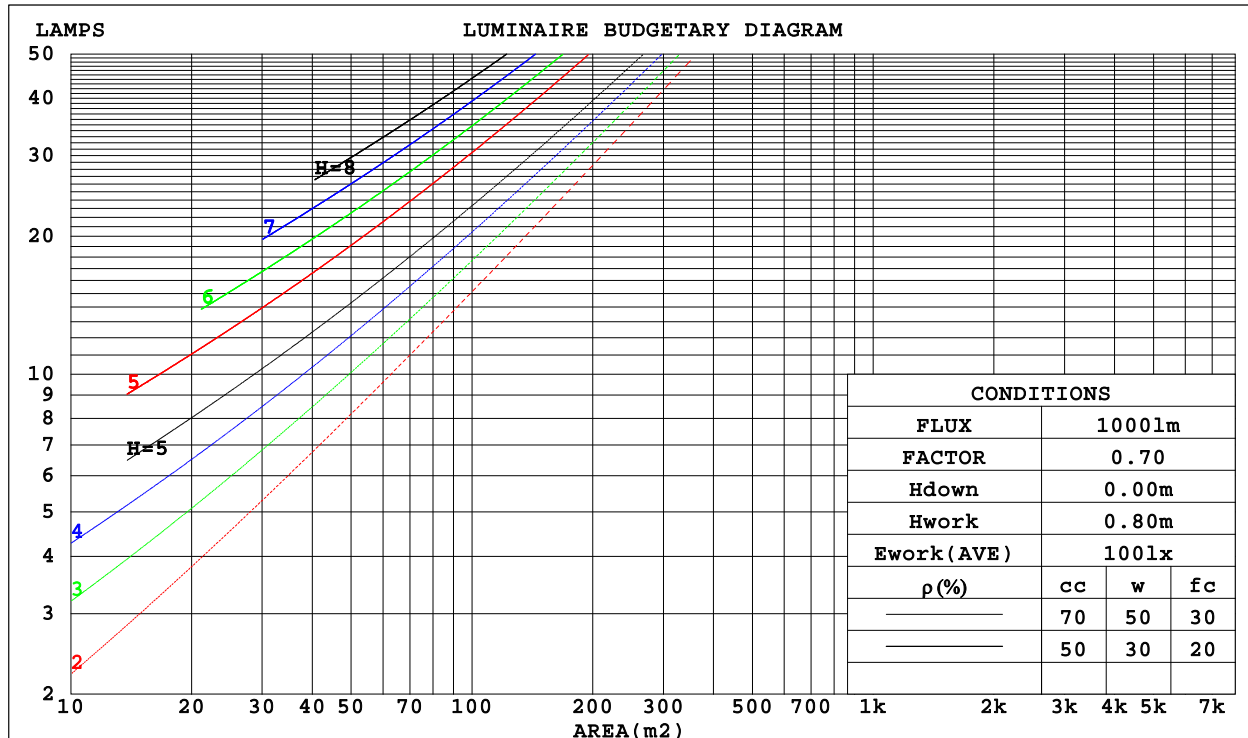
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 26.3DEG
Operators: Ethan
Test Date: 2021-08-16

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 3:7

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.3V I:0.2140A P:25.60W PF:0.9930 Lamp Flux:3282.16x1 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:

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	.95	.95	.95	.84	.84	.84	.75	.75	.75	.70
1.0	.97	.93	.89	.92	.88	.85	.82	.80	.77	.73	.71	.69	.65	.64	.62	.58
2.0	.85	.78	.72	.80	.74	.69	.72	.67	.63	.64	.61	.57	.57	.54	.52	.48
3.0	.74	.66	.60	.70	.63	.58	.63	.58	.53	.57	.52	.48	.50	.47	.44	.41
4.0	.66	.57	.51	.62	.55	.49	.56	.50	.45	.50	.45	.41	.45	.41	.38	.35
5.0	.58	.50	.44	.56	.48	.42	.50	.44	.39	.45	.40	.36	.40	.36	.33	.30
6.0	.52	.44	.38	.50	.42	.36	.45	.39	.34	.41	.35	.31	.37	.32	.29	.26
7.0	.47	.39	.33	.45	.38	.32	.41	.35	.30	.37	.32	.28	.33	.29	.26	.23
8.0	.43	.35	.29	.41	.34	.29	.37	.31	.27	.34	.29	.25	.31	.26	.23	.21
9.0	.40	.32	.26	.38	.30	.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 3:7

WEC AND CCEC

Test:U:120.3V I:0.2140A P:25.60W PF:0.9930 Lamp Flux:3282.16x1 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	.301	.171	.054	.285	.162	.052	.255	.146	.047	.227	.131	.042	.202	.117	.038	
2.0	.279	.153	.047	.264	.146	.045	.237	.132	.041	.212	.119	.037	.189	.107	.034	
3.0	.257	.137	.041	.244	.131	.039	.219	.119	.036	.196	.107	.033	.175	.097	.030	
4.0	.237	.123	.036	.225	.118	.035	.202	.107	.032	.181	.097	.029	.162	.088	.027	
5.0	.219	.111	.032	.208	.107	.031	.187	.097	.029	.168	.089	.026	.150	.080	.024	
6.0	.203	.102	.029	.193	.097	.028	.174	.089	.026	.156	.081	.024	.139	.073	.022	
7.0	.189	.093	.026	.180	.089	.025	.162	.082	.024	.146	.075	.022	.130	.068	.020	
8.0	.176	.086	.024	.168	.083	.023	.152	.076	.022	.136	.069	.020	.122	.063	.018	
9.0	.165	.080	.022	.157	.077	.022	.142	.070	.020	.128	.064	.018	.115	.058	.017	
10.0	.155	.075	.021	.148	.072	.020	.134	.066	.019	.121	.060	.017	.108	.055	.016	

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	.418	.418	.418	.357	.357	.357	.244	.244	.244	.140	.140	.140	.045	.045	.045	
1.0	.409	.385	.364	.350	.331	.313	.239	.228	.217	.138	.132	.126	.044	.042	.041	
2.0	.401	.363	.330	.344	.312	.285	.235	.216	.199	.136	.126	.117	.044	.041	.038	
3.0	.394	.346	.308	.338	.299	.267	.232	.207	.187	.134	.121	.110	.043	.039	.036	
4.0	.387	.334	.293	.332	.288	.255	.228	.201	.179	.132	.118	.106	.042	.038	.035	
5.0	.380	.324	.283	.326	.280	.246	.225	.196	.174	.130	.115	.103	.042	.038	.034	
6.0	.373	.316	.275	.321	.274	.240	.221	.192	.170	.128	.113	.101	.041	.037	.033	
7.0	.367	.310	.270	.315	.268	.235	.218	.188	.166	.127	.111	.099	.041	.036	.033	
8.0	.361	.304	.265	.310	.264	.231	.215	.185	.164	.125	.109	.098	.040	.036	.032	
9.0	.355	.300	.262	.306	.260	.229	.212	.183	.162	.123	.108	.097	.040	.035	.032	
10.0	.350	.296	.260	.301	.257	.226	.209	.181	.161	.122	.107	.096	.040	.035	.032	

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 3:7

Uncorrected UGR Table

Test:U:120.3V I:0.2140A P:25.60W PF:0.9930 Lamp Flux:3282.16x1 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	15.3	16.4	15.9	17.1	17.8	16.2	17.4	16.9	18.0	18.8	
	3H	16.6	17.7	17.3	18.3	19.1	17.9	18.9	18.6	19.6	20.4
	4H	17.1	18.1	17.8	18.8	19.6	18.7	19.6	19.3	20.3	21.1
	6H	17.5	18.4	18.2	19.1	19.9	19.3	20.2	20.0	20.9	21.7
	8H	17.5	18.4	18.3	19.1	20.0	19.5	20.4	20.3	21.1	22.0
	12H	17.6	18.4	18.3	19.1	20.0	19.7	20.6	20.5	21.3	22.2
4H	2H	16.0	16.9	16.7	17.6	18.5	16.7	17.7	17.4	18.3	19.2
	3H	17.5	18.4	18.3	19.1	20.0	18.6	19.4	19.3	20.1	21.0
	4H	18.2	18.9	18.9	19.7	20.6	19.4	20.2	20.2	21.0	21.9
	6H	18.6	19.3	19.4	20.1	21.0	20.2	20.9	21.0	21.7	22.6
	8H	18.8	19.4	19.6	20.2	21.1	20.6	21.2	21.4	22.0	22.9
	12H	18.8	19.4	19.6	20.2	21.2	20.8	21.4	21.6	22.2	23.2
8H	4H	18.5	19.2	19.3	19.9	20.9	19.6	20.3	20.4	21.0	22.0
	6H	19.2	19.7	20.0	20.5	21.5	20.6	21.1	21.4	21.9	22.9
	8H	19.4	19.9	20.3	20.7	21.7	21.1	21.5	21.9	22.3	23.3
	12H	19.6	20.0	20.5	20.8	21.9	21.4	21.8	22.3	22.7	23.7
12H	4H	18.6	19.1	19.4	19.9	20.9	19.6	20.2	20.4	21.0	22.0
	6H	19.3	19.8	20.2	20.6	21.6	20.6	21.1	21.5	21.9	22.9
	8H	19.6	20.0	20.5	20.9	21.9	21.1	21.5	22.0	22.4	23.4
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 3282 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 3:7

UTILIZATION FACTORS TABLE

Test:U:120.3V I:0.2140A P:25.60W PF:0.9930 Lamp Flux:3282.16x1 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:

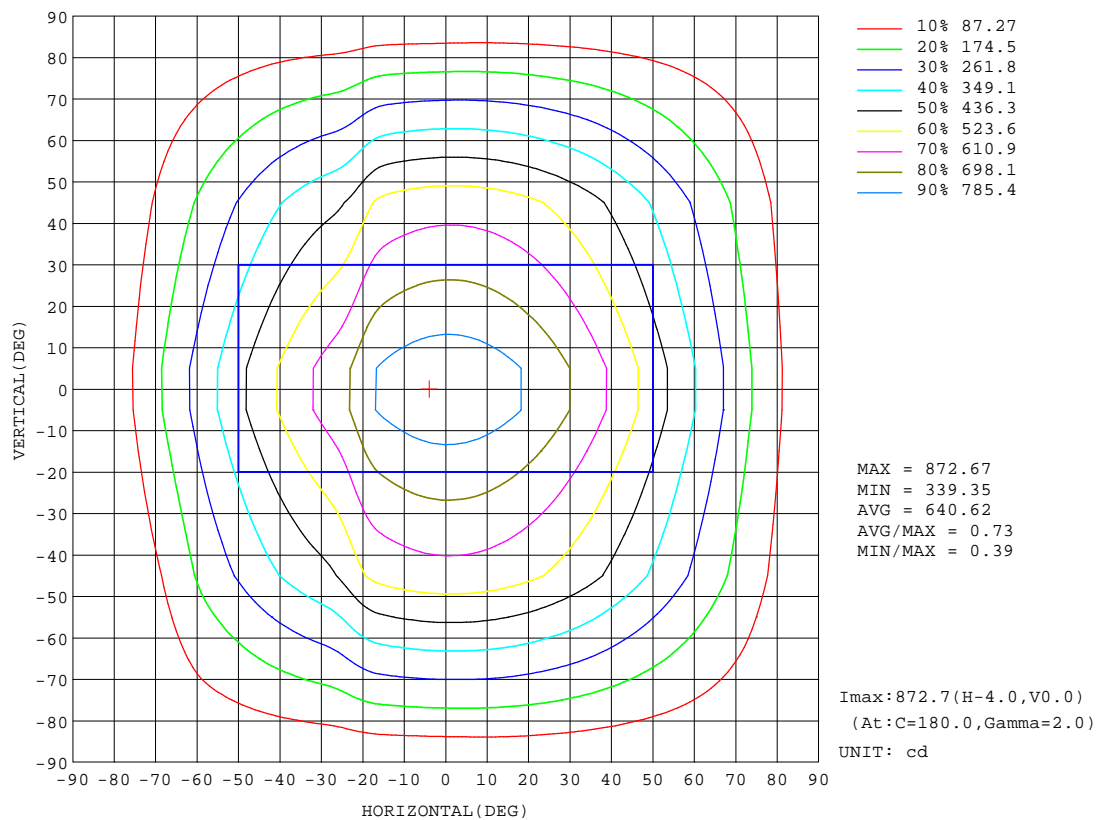
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	49	38	31	47	37	31	44	35	30	22
0.80	59	47	40	56	46	39	52	43	37	28
1.00	67	55	48	64	54	47	59	52	44	34
1.25	74	63	55	70	61	54	64	56	51	39
1.50	79	68	61	75	66	59	68	61	55	43
2.00	86	77	70	82	73	67	74	68	63	48
2.50	90	82	75	86	78	72	77	71	67	51
3.00	94	86	80	89	82	77	80	75	71	54
4.00	98	92	86	93	87	83	83	79	76	58
5.00	100	95	91	95	91	87	85	82	79	60
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
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 Test Distance:6.770m [K=1.0000]
 Remarks: 聚鑫德源 AI40D2C-421000
 源磊A+ 13S5P/13S10P
 E款 3:7

ISOCANDELA DIAGRAM

Test:U:120.3V I:0.2140A P:25.60W PF:0.9930 Lamp Flux:3282.16x1 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:



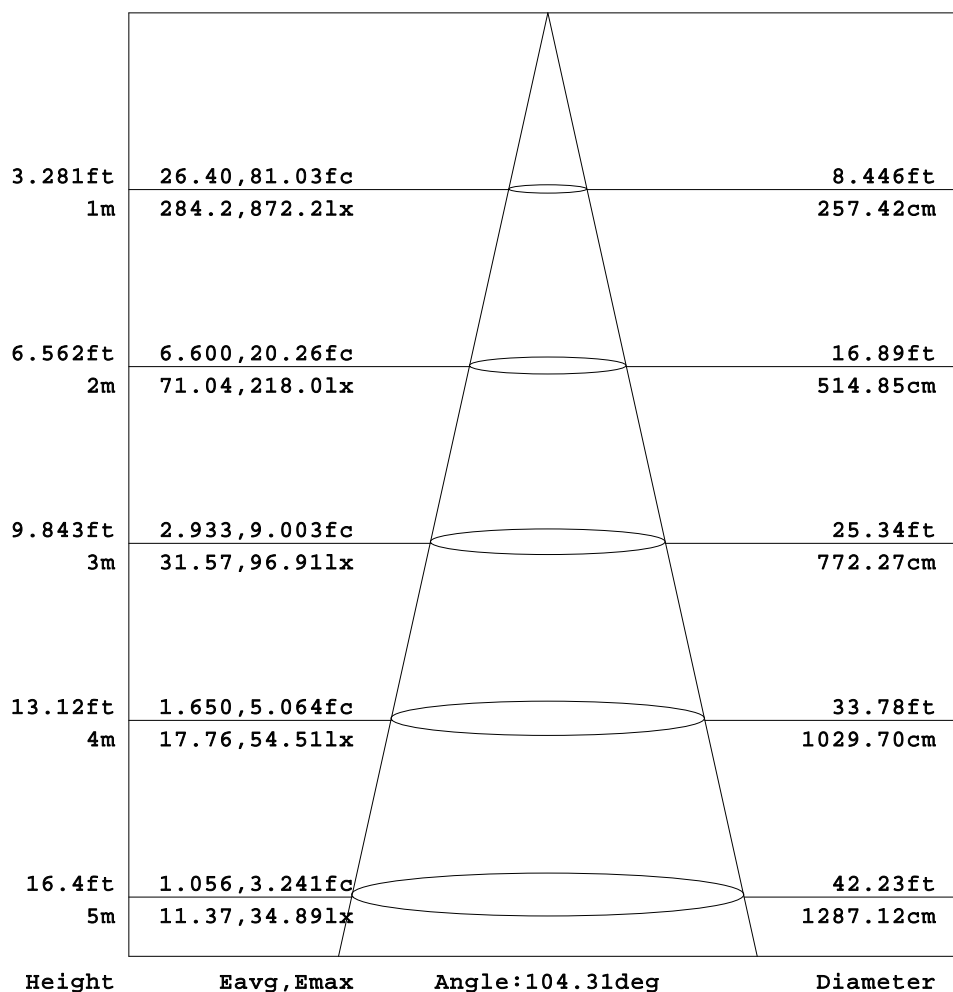
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:26.3DEG
Operators:Ethan
Test Date:2021-08-16

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 3:7

AAI Figure

Test:U:120.3V I:0.2140A P:25.60W PF:0.9930 Lamp Flux:3282.16x1 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:1516 lm



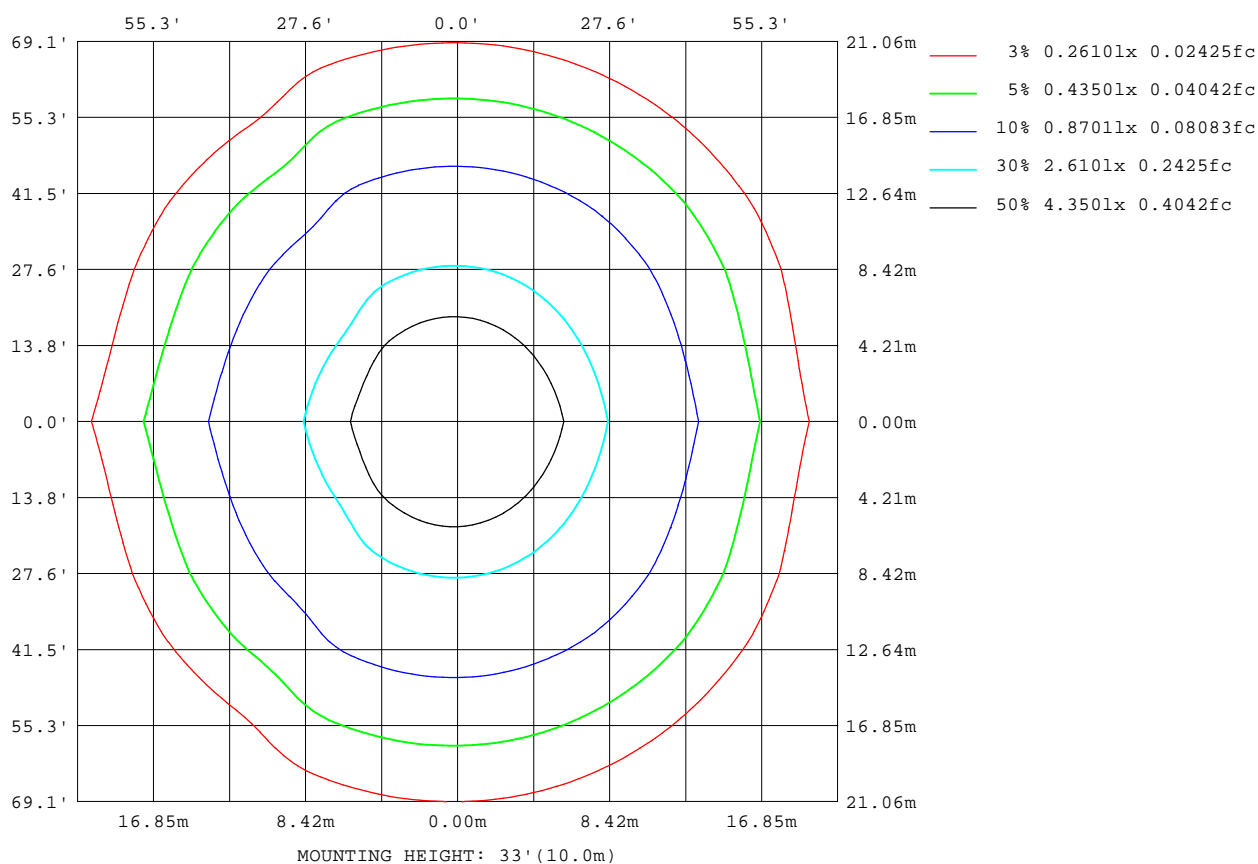
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 3:7

ISOLUX DIAGRAM

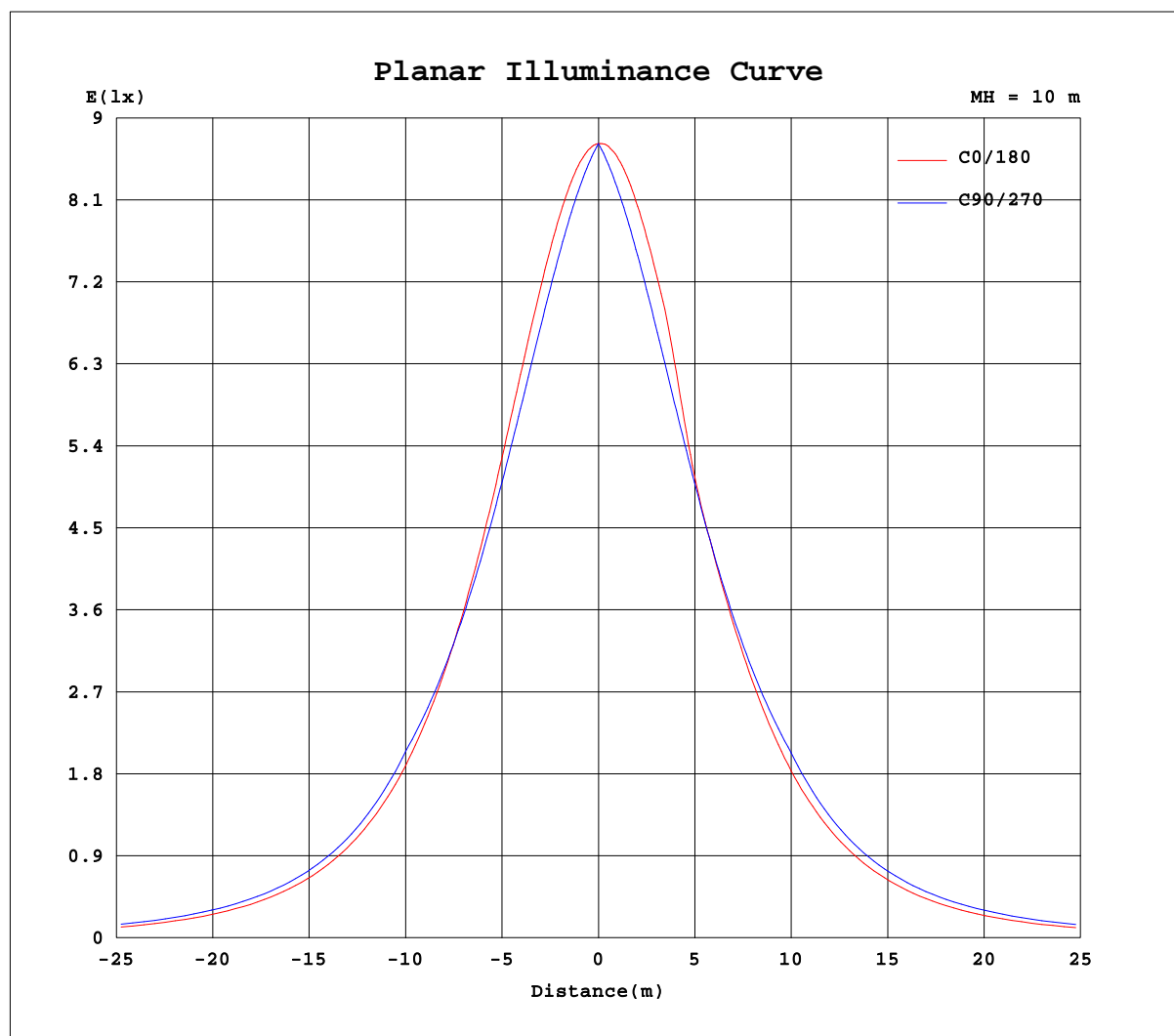
Test:U:120.3V I:0.2140A P:25.60W PF:0.9930 Lamp Flux:3282.16x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:4000K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:



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

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 3:7

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 3:7

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.3V I:0.2140A P:25.60W PF:0.9930 Lamp Flux:3282.16x1 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(°) γ (°)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872
5	864	862	859	856	854	852	850	848	846	845	844	843	841	841	840	840	839	839	840
10	847	842	837	832	828	824	821	818	815	813	812	810	809	808	807	807	807	807	807
15	822	815	808	801	796	791	787	783	781	778	776	775	774	774	774	773	774	774	775
20	791	781	772	765	758	752	748	745	742	740	739	739	739	739	739	740	741	741	742
25	751	739	729	721	715	709	706	703	701	700	700	701	702	703	705	706	708	709	710
30	705	691	680	671	665	661	659	658	658	659	660	662	665	667	670	672	675	676	677
35	653	638	627	618	613	610	609	610	612	615	619	623	627	631	635	639	642	643	645
40	597	581	569	562	557	556	557	561	565	571	577	583	590	595	600	605	608	611	612
45	536	519	508	502	499	500	504	510	518	527	535	544	552	559	566	571	575	578	580
50	472	455	444	440	439	444	451	460	471	482	494	505	509	511	512	513	515	516	516
55	406	389	380	377	380	387	398	410	424	437	440	442	444	446	448	450	452	452	453
60	339	323	315	316	322	333	346	362	365	369	373	376	380	382	385	387	388	389	389
65	272	257	252	256	266	281	291	294	299	303	308	312	316	319	322	324	325	326	326
70	206	192	192	200	215	221	225	230	235	240	245	249	253	256	259	261	263	263	263
75	141	131	135	149	155	159	165	169	174	179	184	188	191	195	197	199	200	200	199
80	81.3	75.1	85.8	92.3	98.5	104	108	112	116	120	124	128	131	133	135	137	137	137	136
85	27.0	29.0	38.5	44.9	49.9	53.6	56.3	58.7	60.8	63.1	65.6	68.1	70.2	72.1	73.7	74.6	74.8	74.1	72.6
90	3.92	5.10	5.62	6.02	6.33	6.47	6.51	6.48	6.46	6.95	8.04	9.08	10.2	11.4	12.2	12.6	12.3	11.1	9.20
95	4.86	6.55	14.6	19.4	21.9	23.5	24.8	25.9	27.0	28.3	29.9	31.6	33.2	34.7	36.0	36.7	36.9	36.1	34.7
100	29.7	27.1	32.0	36.6	39.4	41.9	44.1	46.0	48.0	50.0	52.2	54.3	56.3	58.2	59.8	60.9	61.4	61.1	60.2
105	56.4	51.6	53.1	57.4	60.1	62.4	65.0	67.7	70.0	72.4	75.0	77.4	79.7	81.9	83.8	85.2	86.1	86.2	85.7
110	83.3	77.1	76.0	78.5	82.9	85.7	87.9	90.8	93.2	95.8	98.4	101	104	106	108	110	111	111	111
115	111	104	101	102	105	109	114	116	118	120	123	125	128	130	132	134	136	136	137
120	140	132	128	127	129	132	137	142	144	146	148	150	153	155	157	159	160	161	162
125	169	161	156	154	154	156	159	163	167	172	174	176	178	180	182	184	185	187	188
130	197	189	184	181	179	180	182	185	188	192	197	201	204	205	207	209	211	212	213
135	225	217	211	207	206	205	206	207	210	213	216	220	223	226	229	232	235	237	239
140	252	244	238	234	231	230	230	230	232	234	236	239	242	244	247	249	251	253	255
145	277	270	264	259	256	254	253	253	254	255	257	258	260	262	264	266	268	269	271
150	301	294	288	284	281	278	277	276	276	276	277	278	278	280	281	283	284	286	287
155	322	316	311	307	304	301	299	298	297	297	296	296	297	298	298	300	301	302	303
160	342	337	333	329	325	322	320	319	317	316	315	315	315	315	316	316	317	318	319
165	356	352	349	346	343	340	338	337	335	334	334	333	333	333	333	333	334	334	335
170	369	366	364	361	359	357	355	354	353	352	351	351	350	350	350	350	350	351	351
175	378	376	375	374	373	371	370	370	369	368	368	368	367	367	367	367	367	367	367
180	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383

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 3:7

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.3V I:0.2140A P:25.60W PF:0.9930 Lamp Flux:3282.16x1 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	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872
5	840	840	841	842	843	844	846	847	849	850	852	855	857	860	863	865	868	871	868
10	808	809	810	811	812	814	816	818	821	824	827	831	835	839	843	848	854	859	854
15	775	776	777	779	780	782	784	786	788	792	795	800	804	810	816	823	830	838	830
20	743	744	745	745	746	747	748	750	753	755	759	763	769	775	781	788	796	806	795
25	710	711	711	711	711	711	712	713	714	715	714	710	706	704	705	710	718	729	716
30	678	678	678	677	676	675	674	673	666	653	640	630	625	629	636	646	659	674	658
35	645	645	644	642	640	637	633	619	598	579	569	568	571	578	586	597	611	628	611
40	613	612	610	607	603	599	583	555	530	520	517	518	521	526	534	545	559	577	558
45	580	579	575	572	567	555	525	493	477	472	470	469	470	472	477	487	500	519	500
50	517	517	517	518	517	501	467	441	432	428	422	418	415	415	417	425	438	457	437
55	454	453	453	453	448	425	396	388	390	383	375	367	360	356	356	361	373	392	372
60	390	389	389	388	379	352	332	330	330	329	328	316	304	298	294	297	307	325	306
65	326	326	325	323	311	286	274	273	272	269	265	261	252	242	234	230	238	258	239
70	263	262	261	259	246	225	219	217	214	211	206	201	196	186	168	161	169	191	174
75	199	198	197	195	183	167	164	162	159	155	150	145	138	122	106	98.3	104	126	112
80	136	135	134	132	122	112	110	108	106	103	98.6	94.2	85.4	70.9	57.0	44.8	46.8	63.4	53.9
85	72.1	71.2	70.5	68.8	62.9	58.0	56.8	55.4	53.9	51.9	49.7	47.1	41.0	32.9	24.8	16.0	7.70	12.6	11.0
90	8.56	7.75	7.18	6.04	4.65	4.29	3.67	3.00	2.48	2.30	2.43	2.32	2.27	2.28	2.32	2.39	2.41	2.46	2.53
95	34.4	33.7	33.3	32.2	31.0	30.4	27.9	25.2	24.1	23.3	22.9	21.9	23.2	21.6	20.4	19.3	18.9	22.5	10.9
100	60.1	59.7	59.4	58.5	57.4	56.6	52.6	47.9	46.0	44.9	43.7	42.6	44.6	43.3	40.8	41.0	39.4	43.7	30.5
105	85.9	85.7	85.5	84.9	83.9	83.2	78.4	71.6	68.4	67.4	65.4	65.3	64.4	68.5	65.8	63.1	65.3	69.1	57.9
110	112	112	112	111	111	110	105	96.9	91.6	90.7	88.7	88.0	87.2	90.1	89.0	88.4	92.2	97.4	86.0
115	137	138	138	138	137	137	134	125	117	115	114	112	112	109	110	112	114	118	111
120	163	164	164	164	164	164	163	155	145	140	140	134	133	133	135	138	144	148	138
125	189	190	190	191	191	192	192	188	178	166	157	150	148	153	158	163	170	166	158
130	215	216	216	217	218	219	219	214	204	193	183	174	167	160	165	175	185	185	175
135	240	241	241	241	240	239	238	233	227	220	213	207	200	194	190	187	187	201	194
140	256	257	257	258	257	257	256	255	249	244	240	236	235	235	235	235	238	239	232
145	272	273	274	274	275	275	275	275	276	270	264	261	261	262	265	269	275	284	274
150	288	289	290	291	292	292	293	294	295	297	298	294	289	287	288	291	295	303	296
155	304	305	306	307	308	309	311	312	314	316	318	321	325	328	332	334	338	346	340
160	320	321	322	323	325	326	328	330	331	333	336	339	342	346	350	354	359	365	359
165	336	337	338	339	340	342	343	345	347	349	351	355	357	360	363	367	371	376	371
170	351	352	353	354	355	357	358	360	361	363	365	367	369	371	374	376	379	382	379
175	367	368	368	369	370	370	371	372	373	374	375	377	378	379	380	382	383	385	383
180	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383

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 3:7

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.3V I:0.2140A P:25.60W PF:0.9930 Lamp Flux:3282.16x1 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(°) γ (°)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872
5	865	862	860	857	854	852	850	848	847	845	844	843	842	841	840	839	839	839	839
10	848	843	838	834	830	826	823	820	817	815	813	811	810	809	808	807	806	806	806
15	823	816	809	804	799	794	790	787	784	782	780	778	777	775	775	774	773	773	772
20	786	779	773	767	762	757	754	751	748	746	745	744	743	742	741	741	740	739	739
25	707	701	698	699	703	707	711	711	710	709	708	708	708	708	708	708	707	706	705
30	645	633	624	619	621	628	641	655	666	670	671	672	673	674	675	674	674	673	672
35	596	585	576	569	564	561	566	581	604	624	632	635	637	639	641	641	641	640	638
40	544	533	525	519	516	514	513	516	534	564	589	598	602	605	607	608	608	607	605
45	486	476	470	467	466	467	468	470	476	499	536	559	566	570	573	575	575	574	571
50	423	415	412	413	415	419	424	428	431	443	474	505	512	511	512	512	511	511	511
55	360	353	353	356	363	371	379	385	383	382	399	432	447	447	448	448	448	448	448
60	295	292	294	301	311	323	325	326	326	325	332	361	381	383	384	384	385	385	384
65	231	232	238	248	256	261	265	268	269	270	272	294	316	320	320	321	321	322	321
70	170	175	185	192	197	202	207	211	214	215	216	230	252	256	257	257	258	258	258
75	112	122	130	136	142	147	153	157	160	161	161	170	188	192	193	194	195	195	195
80	61.7	71.8	80.1	86.8	92.3	96.6	101	104	106	108	108	113	125	129	130	130	131	132	132
85	23.2	32.5	38.5	42.9	46.1	48.6	50.8	52.8	54.1	54.8	55.0	57.3	63.6	65.9	66.3	66.6	67.8	69.0	69.7
90	2.45	2.27	2.23	2.21	2.21	2.12	2.09	2.17	2.23	2.21	2.20	2.24	2.56	2.80	2.90	3.10	4.40	5.88	6.94
95	11.1	15.4	18.2	22.2	22.3	21.4	21.6	21.8	22.6	22.9	25.7	28.5	28.3	28.4	28.5	28.7	29.9	31.1	31.9
100	27.6	32.4	37.9	43.5	42.7	40.3	41.5	41.7	43.0	43.9	50.0	54.6	54.0	54.0	54.1	54.4	55.4	56.4	56.8
105	53.8	55.7	64.5	65.0	63.7	59.4	61.8	62.4	63.4	65.5	75.9	80.7	79.7	79.6	79.7	80.0	80.9	81.6	81.8
110	81.0	84.5	89.3	87.5	82.4	81.9	82.5	84.4	84.3	88.4	104	107	106	105	105	106	106	107	107
115	109	108	107	106	102	105	104	107	107	114	133	133	131	131	131	131	132	132	132
120	131	126	124	123	124	127	129	128	131	146	162	159	157	157	157	157	157	157	157
125	153	149	144	139	142	147	150	152	159	183	188	185	183	182	182	183	183	183	182
130	165	159	160	161	165	170	173	177	196	216	213	210	209	208	208	208	208	208	208
135	189	187	187	191	194	196	198	210	229	234	233	232	232	233	233	234	234	233	232
140	228	227	226	225	223	224	232	246	253	252	251	250	250	250	250	251	250	250	249
145	266	260	255	252	253	260	270	274	272	270	269	268	268	268	268	268	267	266	265
150	290	286	286	290	295	297	295	292	290	289	287	286	286	285	285	284	284	283	282
155	335	332	328	323	320	316	313	311	309	307	305	304	303	302	302	301	300	299	299
160	354	349	345	341	337	334	331	329	326	325	323	321	320	319	318	318	317	316	315
165	367	363	359	356	353	350	348	345	343	341	340	338	337	336	335	334	333	333	332
170	376	374	371	368	366	364	362	360	358	357	356	354	353	352	351	350	350	349	349
175	382	380	379	378	376	375	374	373	372	371	370	369	368	368	367	367	366	366	366
180	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383

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 3:7

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.3V I:0.2140A P:25.60W PF:0.9930 Lamp Flux:3282.16x1 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(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872				
5	839	840	840	841	842	843	844	846	847	849	852	854	856	859	862				
10	806	806	807	808	809	811	813	815	818	821	824	828	832	837	842				
15	772	772	773	773	774	776	778	780	783	786	791	796	801	808	815				
20	738	738	737	737	738	738	740	742	744	748	752	758	765	772	781				
25	704	703	702	700	700	699	700	701	703	705	709	715	721	729	739				
30	670	668	665	663	661	660	658	657	657	659	661	665	672	680	691				
35	636	633	630	626	622	618	615	612	610	609	610	613	619	627	638				
40	602	598	593	589	583	577	571	566	561	558	557	558	562	570	581				
45	568	563	558	551	543	535	527	519	512	506	502	501	503	509	520				
50	510	510	509	509	504	494	484	472	462	453	446	441	441	446	456				
55	446	446	444	443	442	441	439	427	413	401	390	383	380	381	390				
60	383	382	380	378	377	375	371	368	366	350	337	325	319	317	324				
65	320	319	317	315	312	309	305	302	298	296	285	271	260	255	258				
70	257	256	254	252	249	246	241	237	233	229	226	221	205	195	194				
75	195	194	192	190	187	184	180	177	172	168	164	160	155	140	133				
80	132	131	130	129	127	124	121	118	115	111	107	102	97.7	92.1	78.7				
85	69.7	69.3	68.6	67.8	66.7	65.4	63.9	62.2	60.2	58.0	55.4	52.3	48.0	42.8	35.2				
90	7.37	7.47	7.44	7.34	7.23	7.18	7.21	7.25	7.10	6.96	6.88	6.87	6.90	6.96	7.00				
95	32.0	31.7	31.2	30.6	29.9	29.1	28.3	27.4	26.0	24.6	23.1	21.2	18.2	12.4	4.38				
100	56.7	56.1	55.2	54.1	52.8	51.4	49.8	48.0	45.6	43.3	40.8	37.7	34.1	27.9	23.9				
105	81.4	80.5	79.3	77.8	76.0	74.2	72.0	69.6	66.8	63.7	60.8	57.7	54.2	50.2	49.3				
110	106	105	104	102	99.9	97.7	95.1	92.7	89.9	86.3	83.6	80.4	75.9	73.7	75.2				
115	131	130	128	126	124	122	120	117	114	112	107	103	99.8	99.4	103				
120	156	155	153	152	150	147	145	143	141	135	130	127	125	126	131				
125	182	180	179	177	175	174	172	167	162	158	154	153	152	154	159				
130	207	206	205	203	201	196	192	188	184	181	179	178	179	182	188				
135	231	228	226	223	219	216	213	209	207	205	204	204	206	210	216				
140	247	245	243	241	239	236	233	231	230	229	229	230	233	237	243				
145	264	262	261	259	258	256	255	253	252	253	254	255	258	263	268				
150	281	280	279	278	277	276	276	275	275	276	278	280	283	287	293				
155	298	297	296	296	295	296	296	296	297	299	301	303	307	311	315				
160	315	314	314	314	314	314	315	316	318	320	322	324	328	331	336				
165	332	332	332	332	332	333	333	335	336	338	340	342	345	348	352				
170	349	349	349	349	350	351	351	352	353	355	356	358	360	363	365				
175	366	366	366	366	367	367	368	368	369	370	371	372	373	374	376				
180	383	383	383	383	383	383	383	383	383	383	383	383	383	383	383				

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 3:7