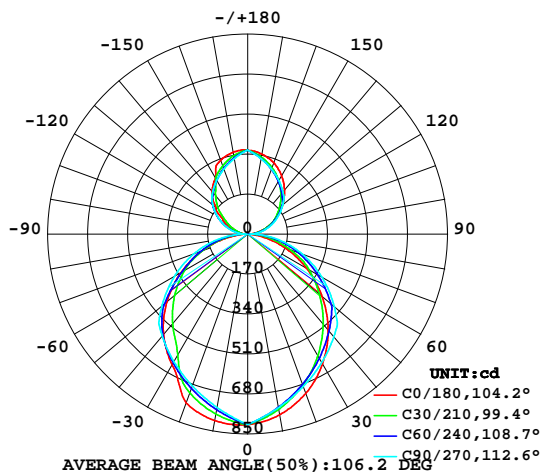


LUMINAIRE PHOTOMETRIC TEST REPORT

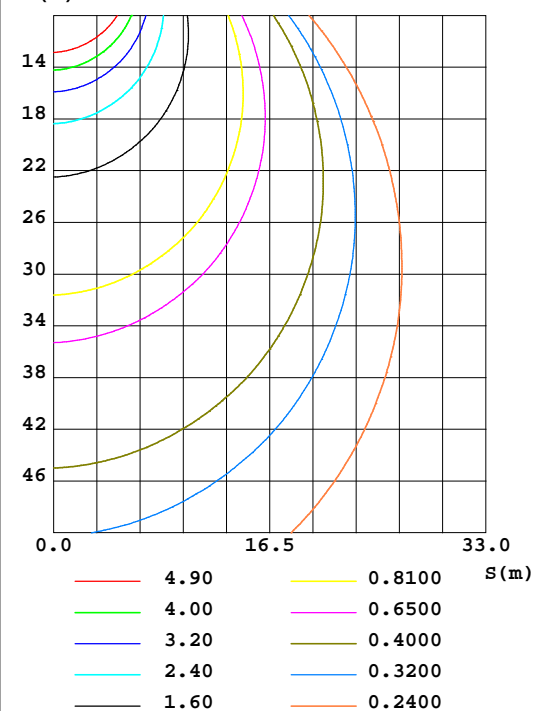
Test:U:120.3V I:0.2140A P:25.60W PF:0.9930 Lamp Flux:3056.89x1 lm					
NAME: 二代线条灯			TYPE:上下发光 白色外壳		WEIGHT:
DIM.: 2FT			SPEC.:3000K		SERIAL No.:YQ2107-7
MFR.: YQ			SUR.:0.171*1.13m		PROTECTION ANGLE:

DATA OF LAMP			PHOTOMETRIC DATA Eff: 119.41 lm/W		
MODEL		I _{max} (cd)	812.6	S/MH(C0/180)	1.18
NOMINAL POWER(W)	256	LOR(%)	100.0	S/MH(C90/270)	1.17
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	3056.9	η UP,DN(C0-180)	15.0,35.1
NOMINAL FLUX(lm)	3056.89	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	14.9,35.0
LAMPS INSIDE	1	η up(%)	29.9	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.3	η down(%)	70.1	CIBSE SHR MAX	1.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



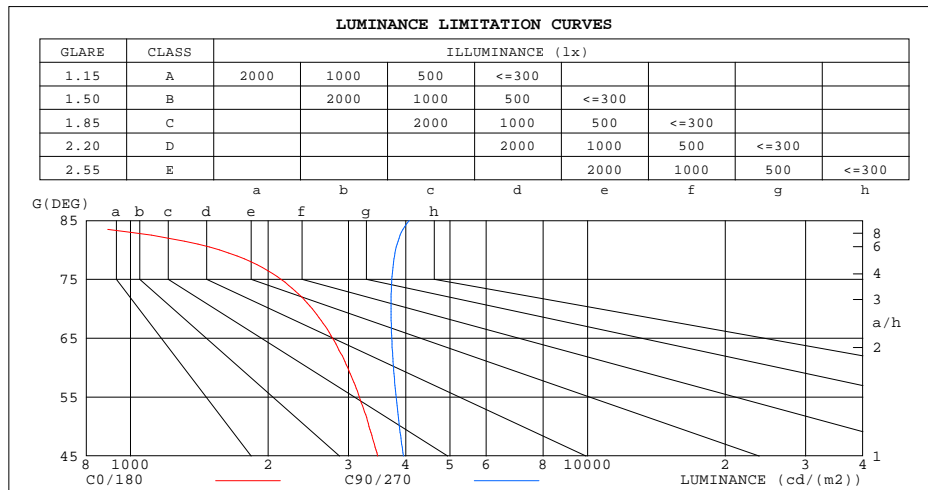
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:26.3DEG
 Operators:Ethan
 Test Date:2021-08-16

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	799.3	782.4	779.9	791.2	811.9	790.7	779.3	782.0	0- 5	19.04	19.04	0.62,0.62
10	780.5	751.3	750.0	767.7	805.3	766.8	748.8	750.6	5- 10	55.44	74.47	2.44,2.44
15	753.6	716.5	720.0	740.1	789.6	738.8	718.3	715.5	10- 15	88.71	163.2	5.34,5.34
20	721.6	679.7	690.1	709.1	764.3	707.1	687.8	678.6	15- 20	118.2	281.4	9.2,9.2
25	682.3	640.3	660.2	674.7	696.0	671.9	657.3	639.2	20- 25	142.8	424.2	13.9,13.9
30	636.9	600.5	630.2	632.7	642.7	626.4	626.7	599.3	25- 30	161.4	585.6	19.2,19.2
35	586.9	558.6	600.3	571.0	602.1	560.9	596.2	557.7	30- 35	175.1	760.7	24.9,24.9
40	533.0	516.4	570.3	506.9	556.6	498.3	565.7	516.0	35- 40	184.1	944.8	30.9,30.9
45	474.5	474.5	540.4	457.8	504.9	452.0	535.2	474.2	40- 45	188.4	1133	37.1,37.1
50	413.2	432.0	481.4	418.5	448.7	413.5	476.5	432.6	45- 50	186.8	1320	43.2,43.2
55	351.2	389.3	422.5	380.3	389.5	374.2	417.7	390.6	50- 55	177.7	1498	49,49
60	288.6	326.8	363.5	323.9	327.6	317.9	359.0	328.1	55- 60	162.9	1660	54.3,54.3
65	226.1	267.2	304.5	267.7	265.3	262.9	300.3	268.3	60- 65	143.4	1804	59,59
70	165.2	210.2	245.5	212.5	202.8	208.2	241.6	211.2	65- 70	120.4	1924	62.9,62.9
75	106.8	156.1	186.6	158.9	141.1	155.4	182.9	156.7	70- 75	94.66	2019	66,66
80	52.56	104.2	127.6	106.5	80.79	103.7	124.1	104.5	75- 80	67.61	2087	68.3,68.3
85	9.136	54.08	68.61	55.16	27.84	53.04	65.43	53.89	80- 85	40.54	2127	69.6,69.6
90	2.743	4.880	9.641	4.469	2.463	3.021	6.710	4.153	85- 90	14.85	2142	70.1,70.1
95	12.58	26.13	32.89	22.24	14.34	19.72	30.09	25.53	90- 95	7.659	2150	70.3,70.3
100	38.62	47.70	56.13	40.69	34.44	37.21	53.47	47.17	95-100	18.31	2168	70.9,70.9
105	63.08	69.90	79.38	60.16	59.63	56.88	76.85	69.40	100-105	29.35	2197	71.9,71.9
110	88.68	92.56	102.6	80.31	79.82	78.61	100.2	92.52	105-110	40.13	2237	73.2,73.2
115	115.2	116.3	125.9	101.9	102.1	102.8	123.6	116.4	110-115	50.23	2288	74.8,74.8
120	141.8	140.5	149.1	126.8	123.5	127.9	147.0	141.4	115-120	59.62	2347	76.8,76.8
125	168.7	165.9	172.4	155.2	153.3	156.8	170.4	167.1	120-125	67.66	2415	79,79
130	194.9	184.6	195.6	179.8	177.9	181.9	193.7	185.9	125-130	74.23	2489	81.4,81.4
135	219.9	203.4	218.8	201.5	211.4	205.3	217.1	204.9	130-135	78.53	2568	84,84
140	244.8	222.6	234.2	223.9	236.6	228.9	232.8	224.0	135-140	80.00	2648	86.6,86.6
145	267.0	242.0	249.6	248.1	256.9	250.8	248.5	243.7	140-145	78.81	2726	89.2,89.2
150	288.5	261.2	265.0	267.2	275.0	268.0	264.2	262.6	145-150	75.42	2802	91.7,91.7
155	307.2	279.4	280.4	285.6	319.5	285.4	279.9	280.8	150-155	70.08	2872	94,94
160	324.1	296.4	295.8	302.8	335.1	302.6	295.7	298.3	155-160	62.04	2934	96,96
165	336.2	313.7	311.2	318.8	346.7	319.4	311.4	315.0	160-165	51.41	2985	97.7,97.7
170	346.4	329.5	326.6	333.8	354.4	334.5	327.1	330.8	165-170	38.76	3024	98.9,98.9
175	353.8	344.2	342.0	346.6	358.0	347.3	342.8	345.5	170-175	24.33	3048	99.7,99.7
180	357.4	357.4	357.4	357.4	358.5	358.5	358.5	358.5	175-180	8.385	3057	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G(°)	C0/180	C90/270
85	543	4075
80	1567	3803
75	2136	3731
70	2500	3716
65	2769	3729
60	2988	3763
55	3169	3812
50	3327	3877
45	3473	3956

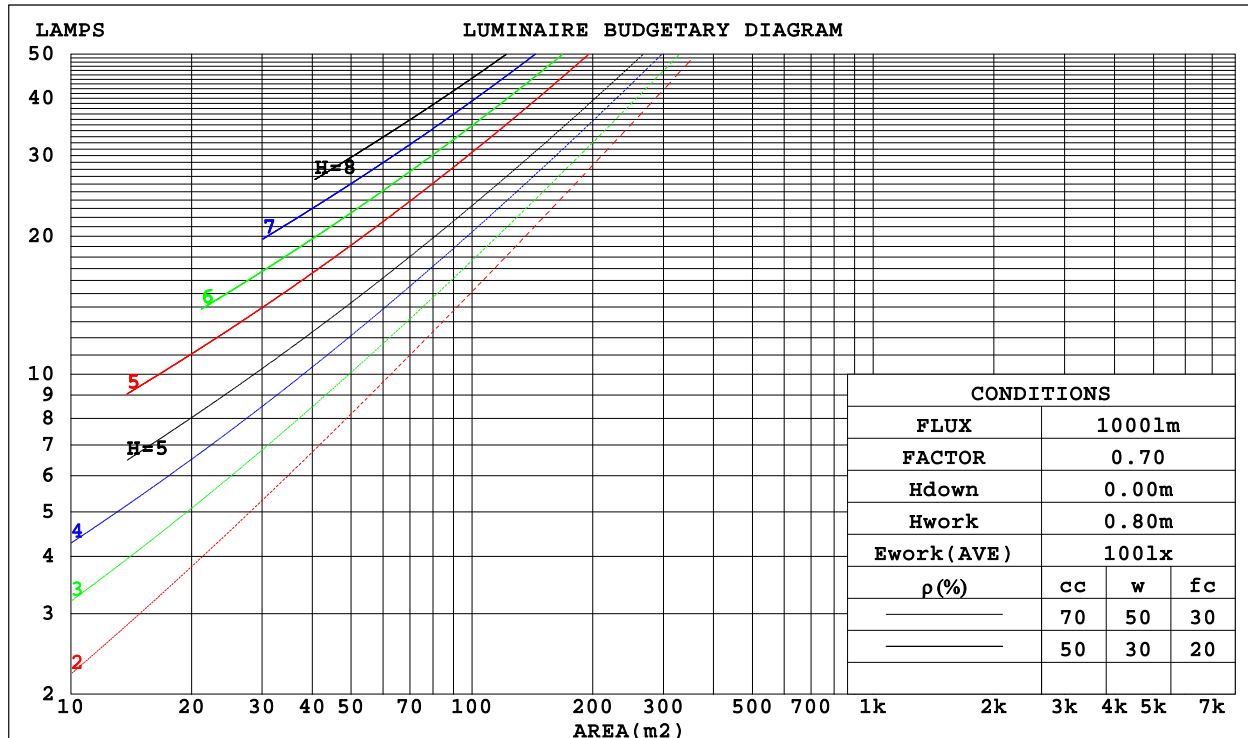
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 26.3DEG
Operators: Ethan
Test Date: 2021-08-16

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:3056.89x1 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:

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	.75	.75	.75	.70
1.0	.97	.93	.89	.92	.88	.85	.82	.79	.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	.56	.52	.48	.50	.47	.44	.40
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	.25	.23
8.0	.43	.35	.29	.41	.34	.28	.37	.31	.27	.34	.29	.25	.31	.26	.23	.21
9.0	.39	.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:3056.89x1 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	.301	.171	.054	.285	.162	.052	.254	.146	.047	.227	.131	.042	.201	.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	.130	.039	.219	.119	.036	.196	.107	.033	.174	.097	.030	
4.0	.237	.123	.036	.225	.118	.035	.202	.107	.032	.181	.097	.029	.161	.088	.027	
5.0	.219	.111	.032	.208	.107	.031	.187	.097	.029	.168	.088	.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	.145	.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	.054	.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	.419	.419	.419	.358	.358	.358	.244	.244	.244	.140	.140	.140	.045	.045	.045	
1.0	.410	.386	.365	.350	.331	.314	.240	.228	.217	.138	.132	.126	.044	.042	.041	
2.0	.402	.363	.331	.344	.313	.286	.236	.216	.200	.136	.126	.117	.044	.041	.038	
3.0	.395	.347	.309	.338	.299	.268	.232	.208	.188	.134	.121	.111	.043	.039	.036	
4.0	.388	.334	.294	.333	.289	.255	.229	.201	.180	.132	.118	.106	.043	.038	.035	
5.0	.381	.325	.283	.327	.281	.247	.225	.196	.174	.130	.115	.103	.042	.038	.034	
6.0	.374	.317	.276	.321	.274	.240	.222	.192	.170	.129	.113	.101	.041	.037	.033	
7.0	.367	.310	.270	.316	.269	.236	.218	.189	.167	.127	.111	.099	.041	.036	.033	
8.0	.361	.305	.266	.311	.265	.232	.215	.186	.165	.125	.110	.098	.041	.036	.032	
9.0	.356	.300	.263	.306	.261	.229	.212	.183	.163	.124	.108	.097	.040	.036	.032	
10.0	.350	.296	.260	.302	.257	.227	.210	.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:3056.89x1 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	14.5	15.7	15.2	16.3	17.1	15.9	17.0	16.5	17.6	18.4	
	3H	15.7	16.8	16.4	17.5	18.3	17.6	18.6	18.2	19.3	
	4H	16.1	17.1	16.8	17.8	18.6	18.3	19.3	19.0	20.0	
	6H	16.3	17.2	17.0	18.0	18.8	19.0	19.9	19.7	20.6	
	8H	16.3	17.2	17.1	17.9	18.8	19.2	20.1	19.9	20.8	
	12H	16.3	17.1	17.0	17.8	18.7	19.4	20.3	20.2	21.0	
4H	2H	15.3	16.2	16.0	16.9	17.8	16.3	17.2	17.0	17.9	
	3H	16.7	17.5	17.4	18.2	19.1	18.1	19.0	18.9	19.7	
	4H	17.2	18.0	18.0	18.7	19.6	19.1	19.8	19.8	20.6	
	6H	17.5	18.2	18.3	19.0	19.9	19.9	20.5	20.6	21.3	
	8H	17.6	18.2	18.4	19.0	19.9	20.2	20.8	21.0	21.6	
	12H	17.6	18.1	18.4	18.9	19.9	20.5	21.0	21.3	21.8	
8H	4H	17.6	18.2	18.4	19.0	20.0	19.2	19.8	20.0	20.6	
	6H	18.1	18.7	19.0	19.5	20.5	20.2	20.7	21.0	21.5	
	8H	18.3	18.7	19.1	19.6	20.6	20.6	21.1	21.5	21.9	
	12H	18.4	18.8	19.2	19.6	20.6	21.0	21.4	21.9	22.3	
12H	4H	17.7	18.2	18.5	19.0	20.0	19.2	19.7	20.0	20.5	
	6H	18.3	18.7	19.1	19.6	20.6	20.2	20.7	21.0	21.5	
	8H	18.5	18.9	19.4	19.7	20.8	20.7	21.1	21.6	21.9	
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 3057 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.9)

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:3056.89x1 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:

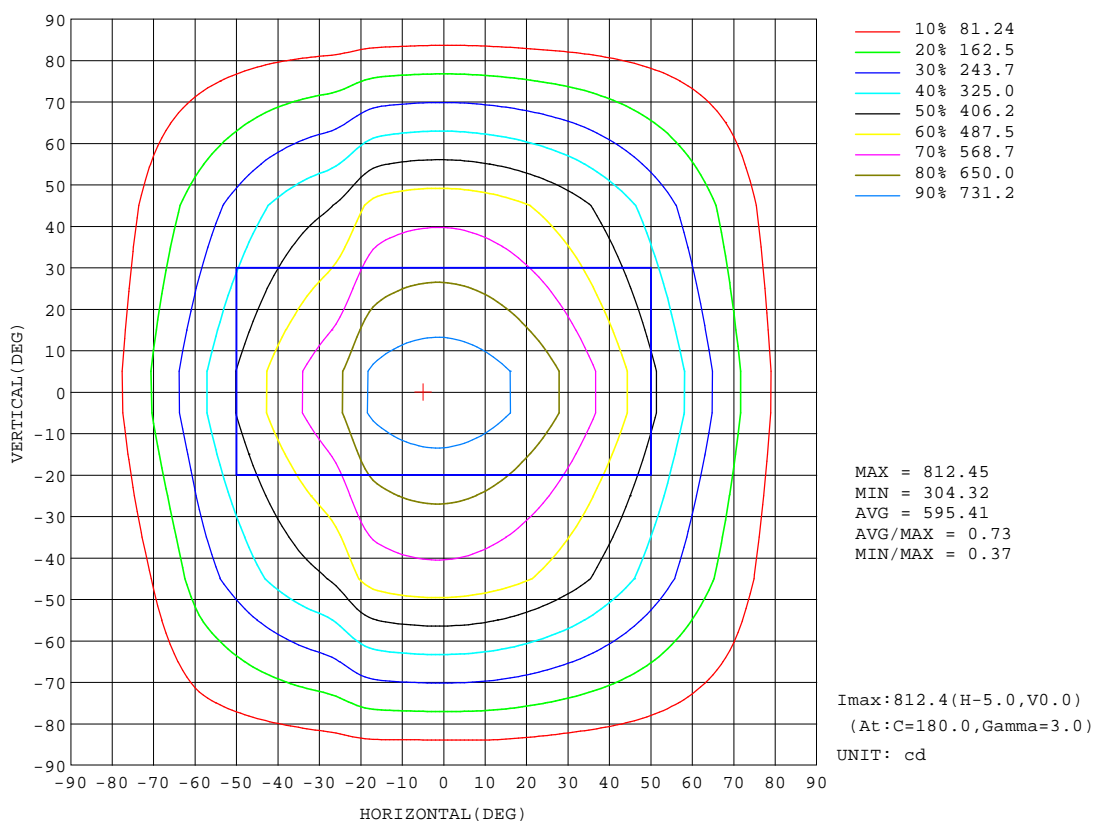
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	49	38	31	47	37	31	44	35	30	22
0.80	59	47	40	56	46	39	52	43	37	28
1.00	67	55	48	64	53	47	59	52	44	34
1.25	74	63	55	70	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	90	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
 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

ISOCANDELA DIAGRAM

Test:U:120.3V I:0.2140A P:25.60W PF:0.9930 Lamp Flux:3056.89x1 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:



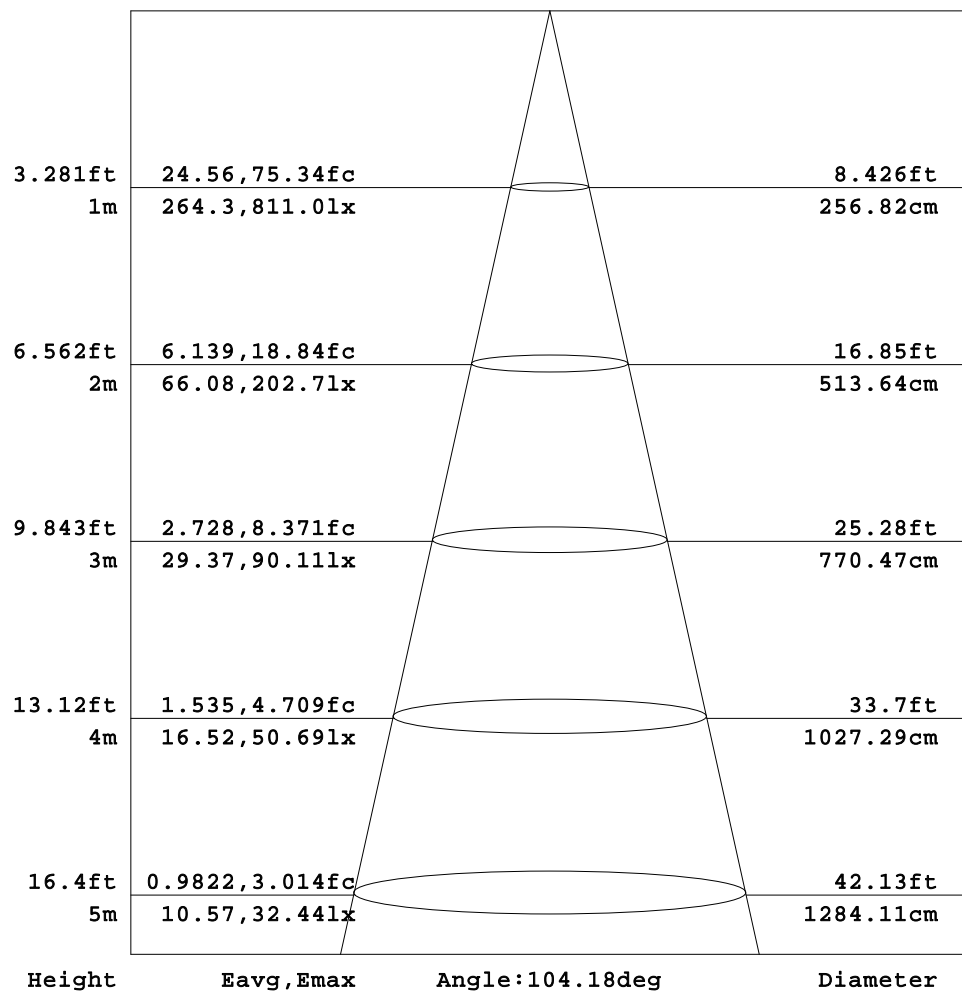
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:26.3DEG
Operators:Ethan
Test Date:2021-08-16

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:3056.89x1 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:1410 lm



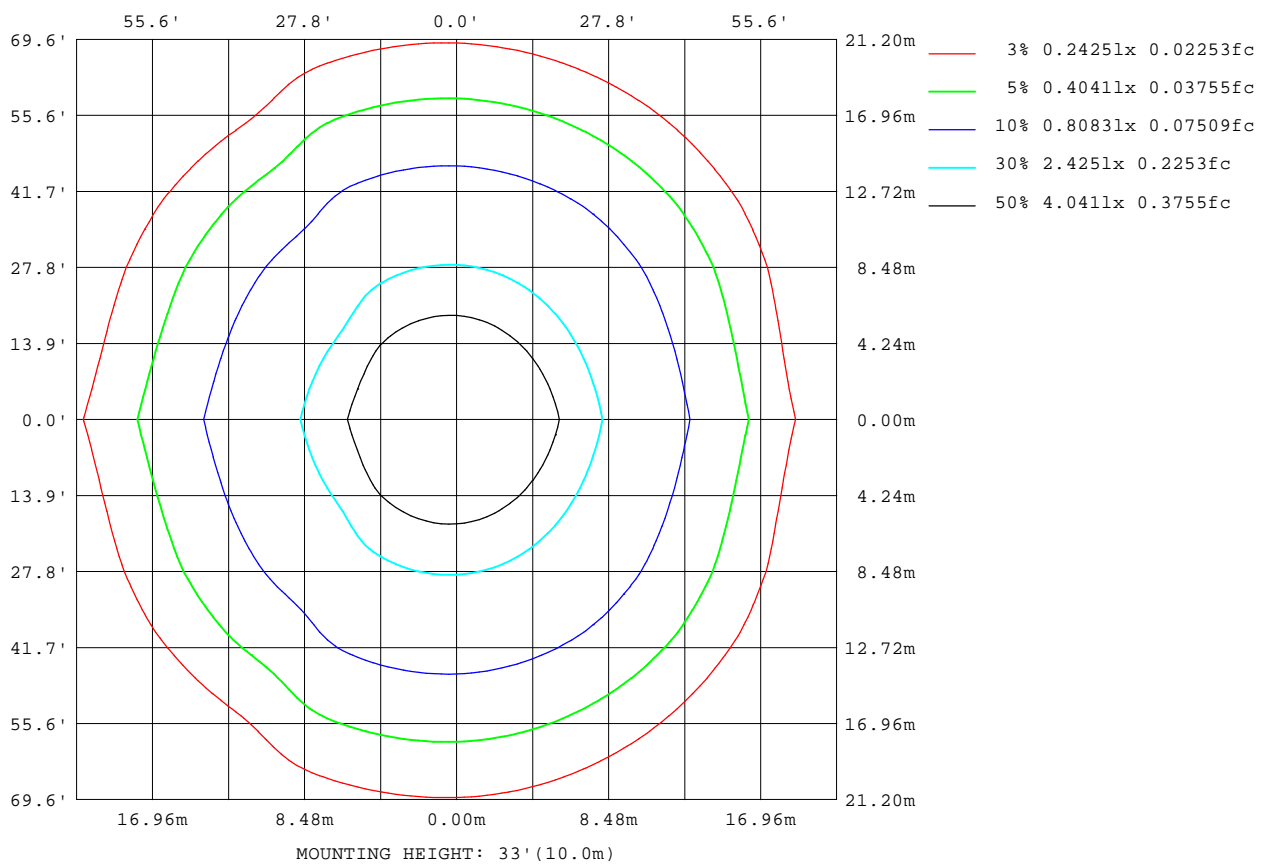
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

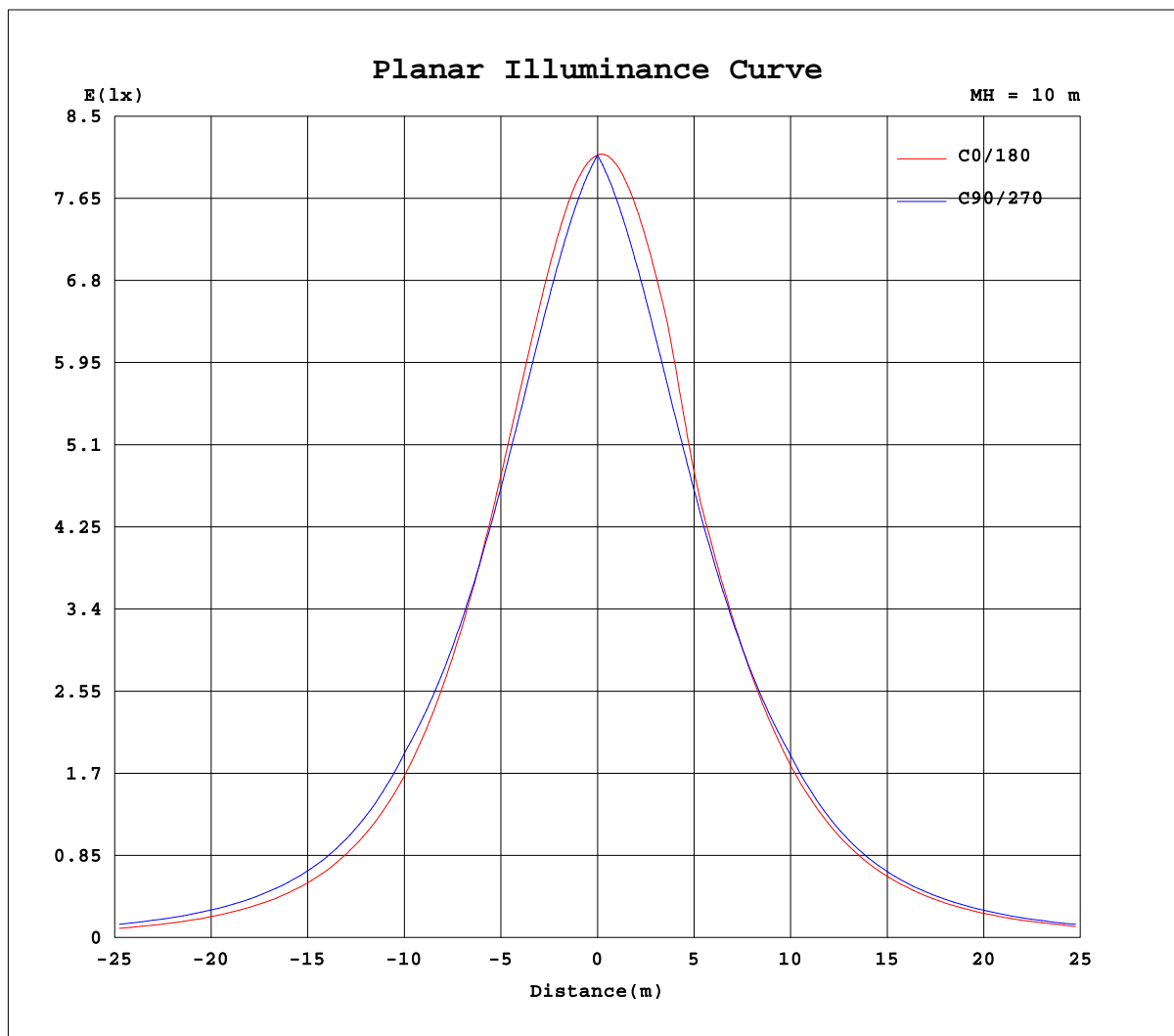
Test:U:120.3V I:0.2140A P:25.60W PF:0.9930 Lamp Flux:3056.89x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:3000K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:



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

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:3056.89x1 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	810	810	810	810	810	810	810	810	810	810	810	810	810	810	810	810	810	810	810
5	799	797	794	792	790	788	786	785	784	782	781	781	780	780	779	779	779	780	780
10	780	776	771	767	763	760	757	755	753	751	750	749	748	748	748	748	748	749	750
15	754	747	740	735	730	726	722	720	718	716	716	715	715	715	716	717	718	719	720
20	722	713	705	698	692	687	684	682	680	680	679	680	681	682	683	685	687	688	690
25	682	672	663	655	650	646	643	641	640	640	641	643	645	648	650	653	656	658	660
30	637	625	615	608	602	599	597	597	598	600	603	606	610	614	617	621	625	628	630
35	587	574	563	556	551	549	550	551	554	559	563	569	574	580	584	589	594	598	600
40	533	519	508	502	498	498	500	504	510	516	523	531	538	545	552	558	563	568	570
45	474	460	449	444	443	445	449	456	465	475	484	493	503	511	520	526	532	537	540
50	413	398	389	385	386	391	398	408	420	432	445	456	463	466	469	473	476	479	481
55	351	336	328	327	330	338	348	361	376	389	394	398	402	406	410	414	417	420	422
60	289	274	268	269	276	287	300	316	321	327	333	338	342	347	351	355	359	361	363
65	226	213	210	214	224	239	249	255	261	267	273	279	284	289	293	297	301	303	305
70	165	153	154	162	177	185	191	198	204	210	216	222	227	231	236	240	243	244	246
75	107	97.7	102	115	124	131	138	144	150	156	161	166	170	174	178	182	185	186	187
80	52.6	47.8	57.9	67.6	76.5	83.4	89.2	94.8	99.8	104	108	111	115	118	122	125	127	128	128
85	9.14	10.4	22.3	30.9	36.8	41.5	45.0	48.5	51.5	54.1	56.3	58.0	59.9	62.4	65.1	67.7	69.3	69.5	68.6
90	2.74	2.71	2.70	2.77	2.83	3.07	3.75	4.38	4.88	5.15	5.09	5.34	5.34	6.88	8.82	10.7	11.7	11.2	9.64
95	12.6	15.6	18.9	20.4	21.2	22.0	22.8	24.0	25.2	26.1	26.8	27.2	27.8	29.5	31.5	33.4	34.4	34.1	32.9
100	38.6	35.9	40.1	40.4	41.1	42.1	43.4	44.9	46.4	47.7	48.7	49.4	50.4	52.2	54.2	56.1	57.1	57.1	56.1
105	63.1	58.3	59.1	62.9	63.4	64.0	65.2	67.1	68.4	69.9	70.9	71.9	73.2	75.0	77.1	78.8	79.9	80.0	79.4
110	88.7	82.4	81.0	82.9	86.7	87.7	88.4	90.0	91.4	92.6	93.8	94.9	96.5	98.2	100	102	103	103	103
115	115	108	105	105	107	111	114	114	115	116	117	118	120	122	123	125	126	126	126
120	142	134	130	129	129	132	135	140	140	140	141	142	143	145	146	148	149	149	149
125	169	161	156	153	153	154	156	159	162	166	166	167	167	169	170	171	171	172	172
130	195	187	181	178	177	176	177	179	182	185	187	190	192	193	193	194	195	195	196
135	220	212	206	203	200	199	199	200	202	203	205	208	210	212	214	215	217	218	219
140	245	237	231	226	224	222	221	221	221	223	224	226	227	229	230	231	233	233	234
145	267	260	254	250	246	244	243	242	242	242	243	244	244	245	246	247	248	249	250
150	288	282	276	272	268	266	264	262	261	261	261	261	261	262	262	263	264	264	265
155	307	302	297	293	289	286	284	282	281	279	279	278	278	278	278	279	279	280	280
160	324	319	315	311	308	304	302	300	298	296	296	295	295	295	295	295	295	295	296
165	336	332	329	326	323	320	318	317	315	314	312	312	311	311	311	310	311	310	311
170	346	344	341	339	337	335	334	332	331	330	329	328	327	327	326	326	326	326	327
175	354	352	351	350	349	348	347	346	345	344	344	343	343	342	342	341	341	342	342
180	357	357	357	357	357	357	357	357	357	357	357	357	357	357	357	357	357	357	357

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:3056.89x1 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	810	810	810	810	810	810	810	810	810	810	810	810	810	810	810	810	810	810	810
5	781	782	783	784	785	786	788	789	791	793	795	797	799	802	804	807	809	812	809
10	751	753	754	756	758	760	762	765	768	771	774	777	781	786	790	795	800	805	800
15	722	724	725	727	729	731	734	737	740	744	748	752	757	762	768	775	782	790	782
20	692	694	696	697	699	701	704	706	709	712	716	721	726	732	738	746	755	764	754
25	662	664	666	667	668	670	671	673	675	677	678	675	673	672	673	678	685	696	684
30	633	634	635	636	637	637	637	637	633	622	611	601	597	599	607	617	629	643	628
35	603	604	604	605	604	603	601	590	571	553	543	543	548	554	563	573	586	602	586
40	573	574	573	573	571	568	555	530	507	498	497	500	503	508	516	526	540	557	539
45	543	543	543	541	538	528	501	471	458	456	455	455	456	460	465	475	487	505	487
50	484	486	489	491	492	478	446	424	419	416	412	409	408	408	411	418	431	449	430
55	425	426	429	430	428	406	381	376	380	375	369	362	357	354	354	360	371	389	370
60	366	367	368	370	363	338	321	322	324	325	326	316	306	300	298	300	310	328	309
65	306	307	309	310	300	276	267	268	268	267	266	265	258	248	241	237	245	265	248
70	247	248	249	249	238	219	214	214	212	211	208	205	203	196	177	172	180	203	186
75	187	188	189	190	179	165	162	161	159	157	153	150	146	131	117	110	118	141	127
80	128	128	130	130	122	112	110	109	107	104	101	98.5	90.9	77.8	65.7	56.0	60.0	80.8	71.3
85	68.8	68.9	70.1	70.7	66.0	61.0	58.9	56.9	55.2	53.5	52.0	50.2	44.6	37.1	29.8	22.3	16.3	27.8	25.4
90	9.40	9.31	10.6	11.7	11.3	9.97	7.65	5.74	4.47	3.90	3.86	3.75	3.51	3.21	2.80	2.59	2.06	2.46	1.82
95	32.6	32.5	33.5	34.3	33.7	32.1	28.2	24.6	22.2	20.9	20.3	19.5	19.5	18.2	16.5	13.8	11.1	14.3	6.61
100	55.9	55.6	56.5	56.9	56.2	54.5	49.5	43.9	40.7	38.2	37.1	36.0	36.2	34.8	33.1	30.3	29.5	34.4	24.3
105	79.2	78.8	79.4	79.6	78.9	77.3	71.7	64.2	60.2	56.0	54.8	53.8	52.8	53.8	52.3	49.7	52.0	59.6	47.9
110	102	102	102	102	102	100	95.0	86.2	80.3	75.2	73.6	72.5	71.7	72.5	71.7	69.3	67.4	79.8	66.2
115	126	125	125	125	125	123	120	110	102	97.7	93.3	92.8	91.8	91.1	91.7	94.1	97.6	102	94.8
120	149	149	149	148	148	147	145	137	127	121	116	112	111	111	114	118	124	124	115
125	173	172	172	172	171	171	170	165	155	145	140	135	132	132	135	139	146	153	143
130	196	196	195	196	195	195	194	189	180	170	163	160	160	158	159	162	168	178	168
135	219	218	217	216	215	213	212	208	202	195	188	185	184	186	189	194	201	211	201
140	234	234	233	233	232	231	230	229	224	218	214	211	209	211	214	219	226	237	228
145	250	250	249	249	249	248	248	248	248	246	239	235	234	235	238	242	247	257	250
150	265	265	265	265	266	266	266	267	267	268	270	269	265	262	261	264	268	275	270
155	281	281	281	282	282	283	283	284	286	287	289	291	295	298	302	306	311	320	314
160	296	297	297	298	298	299	300	301	303	305	307	309	312	315	319	324	328	335	330
165	311	312	313	313	314	315	316	317	319	321	323	325	327	330	333	337	340	347	343
170	327	327	328	328	329	330	331	332	334	335	337	338	340	342	344	347	349	354	352
175	342	342	342	343	343	344	345	346	347	347	348	350	351	352	353	354	356	358	357
180	357	357	357	357	357	357	357	357	357	357	357	357	357	357	357	357	357	358	358

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:3056.89x1 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(°) \ γ (°)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	810	810	810	810	810	810	810	810	810	810	810	810	810	810	810	810	810	810	810
5	807	804	802	799	797	795	793	791	789	787	786	784	783	782	781	780	779	779	779
10	795	790	785	781	777	773	770	767	764	761	759	757	755	753	752	750	749	748	747
15	775	768	762	756	751	747	742	739	735	732	730	727	725	723	722	720	718	717	716
20	745	737	731	725	719	715	711	707	704	701	699	697	695	693	691	690	688	686	684
25	676	670	668	669	671	674	674	672	670	668	667	665	664	662	661	659	657	655	653
30	615	605	597	594	596	603	615	626	632	633	633	633	632	631	630	629	627	624	622
35	573	561	552	545	540	538	545	561	581	595	598	600	600	600	599	598	596	594	590
40	525	514	506	501	497	494	492	498	518	544	561	566	568	569	568	568	566	563	559
45	473	464	457	454	451	451	452	452	461	486	517	531	535	537	538	537	535	532	528
50	417	409	405	404	405	408	411	413	416	432	462	483	484	483	481	479	476	474	471
55	358	352	350	353	358	364	370	374	370	370	390	417	424	422	421	420	418	415	413
60	299	295	297	302	310	320	319	318	316	314	324	351	363	363	362	361	359	357	354
65	240	240	245	253	259	260	262	263	262	261	265	287	302	303	302	302	300	298	296
70	182	187	196	199	201	203	206	208	209	209	210	225	241	243	243	243	242	240	237
75	128	137	141	144	147	149	153	155	156	157	157	167	181	183	183	183	183	181	179
80	79.2	84.0	88.6	92.5	95.9	98.6	101	104	105	105	105	111	121	123	124	124	124	123	121
85	33.5	39.4	43.2	46.0	48.2	50.0	51.6	53.0	53.9	54.3	54.2	56.8	62.1	63.4	64.1	65.2	65.4	64.7	63.3
90	1.87	1.85	1.96	2.13	2.36	2.54	2.77	3.02	3.27	3.35	3.30	3.24	3.38	3.83	4.60	6.02	6.71	6.34	5.43
95	8.14	11.4	14.7	17.7	18.5	17.1	18.4	19.7	22.7	24.6	26.8	27.1	26.8	27.1	27.9	29.4	30.1	29.8	29.0
100	19.3	25.4	30.1	34.7	33.2	32.7	34.3	37.2	42.7	46.4	50.5	50.9	50.2	50.4	51.2	52.7	53.5	53.3	52.6
105	43.7	44.3	50.6	53.2	44.0	49.5	51.1	56.9	63.5	69.2	74.8	74.8	73.6	73.7	74.5	76.1	76.8	76.8	76.2
110	61.0	68.2	72.4	66.5	63.9	67.3	69.3	78.6	85.5	93.6	99.6	98.6	96.9	97.0	98.0	99.4	100	100	99.9
115	91.2	90.0	83.5	80.0	84.9	85.5	91.5	103	110	120	124	122	120	120	121	123	124	124	124
120	106	100	104	105	104	108	120	128	137	147	148	146	144	144	145	146	147	147	147
125	138	133	128	127	129	138	147	157	167	175	172	169	167	168	168	170	170	171	171
130	161	157	155	156	160	165	172	182	193	198	196	192	191	191	192	193	194	194	195
135	194	190	187	186	187	191	197	205	213	215	213	212	212	213	215	216	217	218	218
140	221	216	213	212	213	216	221	229	232	231	229	229	230	230	231	232	233	233	233
145	244	240	238	237	238	243	249	251	249	247	247	246	247	247	248	248	249	249	249
150	267	265	266	269	272	272	270	268	266	265	264	264	264	264	264	264	264	264	264
155	309	304	300	296	293	290	288	285	284	282	282	281	280	280	280	280	280	280	280
160	325	321	317	314	310	307	305	303	301	300	299	298	297	296	296	296	296	296	296
165	339	335	331	328	326	323	321	319	318	316	315	314	313	313	312	312	311	311	311
170	349	347	344	342	340	337	336	335	333	332	330	330	329	328	328	327	327	327	327
175	355	354	353	352	350	349	348	347	346	346	345	344	344	343	343	343	343	343	343
180	358	358	358	358	358	358	358	358	358	358	358	358	358	358	358	358	358	358	358

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:3056.89x1 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	810	810	810	810	810	810	810	810	810	810	810	810	810	810	810				
5	779	779	779	780	780	781	782	783	785	786	788	790	792	794	797				
10	747	747	747	747	748	749	751	752	754	757	760	763	767	771	775				
15	715	714	714	714	714	715	716	717	719	722	726	730	735	740	747				
20	683	681	680	679	678	678	679	679	681	683	687	692	698	704	712				
25	651	648	646	644	642	640	639	639	640	642	645	649	655	662	671				
30	618	615	611	608	604	602	599	598	597	597	599	602	608	615	625				
35	586	582	577	572	567	562	558	554	551	550	550	551	556	563	574				
40	554	549	543	536	530	522	516	510	504	500	498	499	502	509	519				
45	522	516	509	501	492	483	474	465	457	450	446	444	445	450	460				
50	469	466	464	461	456	445	433	421	410	400	392	388	386	390	399				
55	410	407	404	400	398	394	391	377	363	351	340	332	329	329	337				
60	351	348	344	341	338	333	328	323	319	303	290	278	271	269	275				
65	293	290	286	283	279	274	268	263	258	253	241	227	217	211	214				
70	235	232	228	225	221	216	211	206	200	194	188	180	166	156	155				
75	177	174	172	169	166	161	157	152	146	140	134	128	120	106	99.7				
80	119	117	115	114	111	108	104	101	96.2	91.3	85.8	79.5	71.3	62.8	50.7				
85	61.9	60.6	59.5	58.6	57.3	55.7	53.9	51.7	49.2	46.4	43.2	38.8	33.2	25.3	14.4				
90	4.58	4.05	3.79	3.98	4.14	4.20	4.15	4.06	3.93	3.80	3.64	3.45	3.22	2.96	2.76				
95	28.1	27.5	27.0	26.8	26.6	26.1	25.5	24.8	23.9	22.9	22.0	20.7	19.3	16.4	10.7				
100	51.7	51.0	50.3	49.7	49.1	48.2	47.2	46.0	44.4	42.9	41.4	39.7	38.1	36.3	33.0				
105	75.4	74.6	73.7	72.9	72.0	70.8	69.4	68.0	66.3	64.3	62.7	61.4	60.0	56.5	56.4				
110	99.2	98.3	97.4	96.4	95.2	94.0	92.5	91.0	89.4	87.4	86.2	84.4	80.7	79.0	80.9				
115	123	122	121	120	119	118	116	115	114	113	109	106	103	103	107				
120	147	146	145	144	143	142	141	140	140	135	131	128	127	129	133				
125	171	170	170	169	168	168	167	163	159	156	153	152	152	155	160				
130	195	194	194	194	192	189	186	183	180	178	176	176	178	181	186				
135	217	216	214	212	210	207	205	203	201	200	199	200	202	206	212				
140	232	232	230	229	227	226	224	223	222	222	222	224	227	231	237				
145	248	247	247	246	245	244	244	243	243	243	245	247	250	254	260				
150	264	264	263	263	262	263	263	263	264	265	267	269	272	277	282				
155	280	280	279	279	280	280	281	282	283	285	287	290	294	297	302				
160	295	296	296	296	296	297	298	300	301	303	306	309	312	316	320				
165	311	311	312	312	313	314	315	316	318	319	322	324	327	330	334				
170	327	327	328	328	329	330	331	332	333	335	337	339	341	343	345				
175	343	343	343	344	344	345	345	346	347	348	349	350	351	352	353				
180	358	358	358	358	358	358	358	358	358	358	358	358	358	358	358				

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