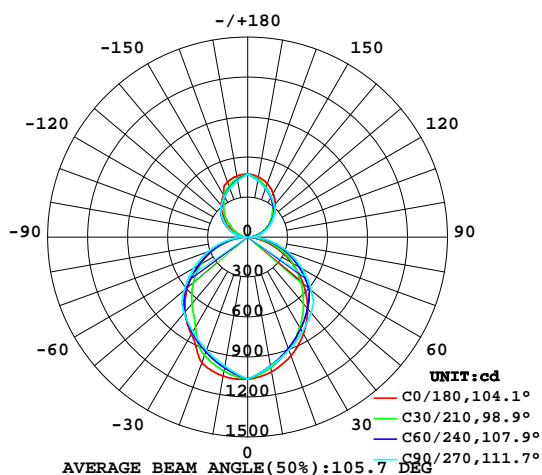


LUMINAIRE PHOTOMETRIC TEST REPORT

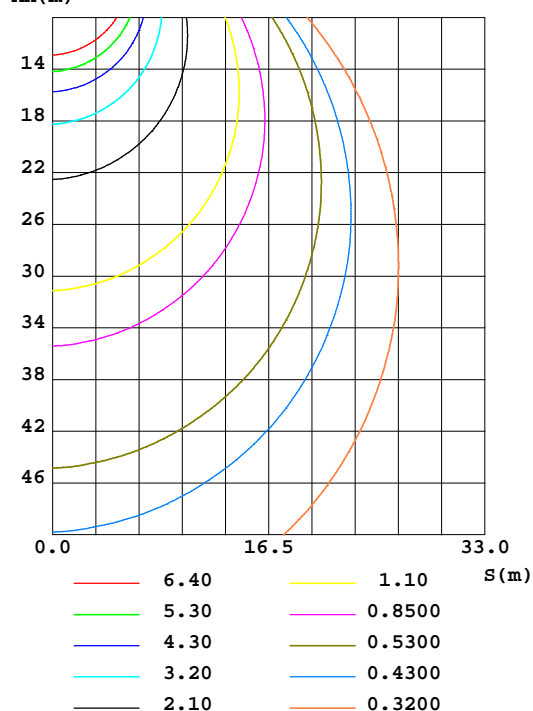
Test:U:120.3V I:0.2660A P:31.80W PF:0.9940 Lamp Flux:4014.03x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:4000K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 126.23 lm/W			
MODEL		I _{max} (cd)	1069	S/MH(C0/180)	1.18
NOMINAL POWER(W)	32	LOR(%)	100.0	S/MH(C90/270)	1.16
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	4014.0	η UP,DN(C0-180)	15.2,34.8
NOMINAL FLUX(lm)	4014.03	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	15.0,34.9
LAMPS INSIDE	1	η up(%)	30.3	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.5	η down(%)	69.7	CIBSE SHR MAX	1.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



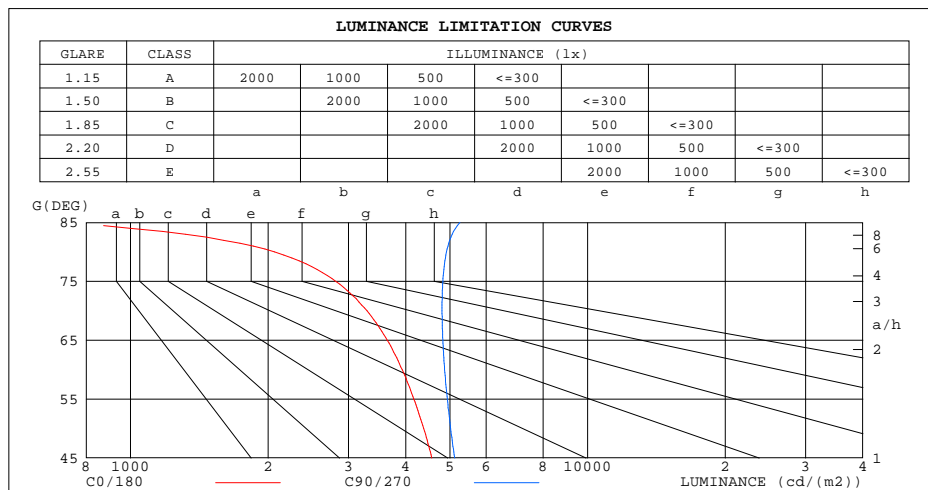
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:26.3DEG
 Operators:Ethan
 Test Date:2021-08-16

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	1052	1028	1025	1040	1068	1040	1025	1028	0- 5	25.04	25.04	0.62,0.62
10	1027	986.0	984.4	1008	1059	1008	984.6	986.2	5- 10	72.86	97.90	2.44,2.44
15	990.9	939.8	943.7	970.5	1039	970.3	944.0	940.3	10- 15	116.5	214.4	5.34,5.34
20	948.9	889.9	903.0	928.7	1006	928.3	903.3	890.8	15- 20	155.1	369.5	9.21,9.21
25	897.1	838.3	862.3	883.4	915.7	882.6	862.7	839.6	20- 25	187.4	556.9	13.9,13.9
30	838.1	784.5	821.5	828.4	845.2	822.6	822.1	786.3	25- 30	211.6	768.5	19.1,19.1
35	771.6	729.2	780.8	747.8	791.5	735.3	781.4	731.8	30- 35	229.3	997.9	24.9,24.9
40	701.1	672.6	740.1	663.5	732.0	653.3	740.8	676.3	35- 40	240.9	1239	30.9,30.9
45	623.5	616.9	699.4	596.3	664.3	592.2	700.2	621.3	40- 45	246.2	1485	37,37
50	543.7	560.3	623.0	542.9	590.4	541.6	622.9	566.0	45- 50	243.9	1729	43.1,43.1
55	462.2	503.9	546.7	491.5	512.7	490.2	545.7	510.5	50- 55	231.9	1961	48.8,48.8
60	379.6	423.0	470.3	418.8	431.8	417.2	468.4	428.5	55- 60	212.4	2173	54.1,54.1
65	297.7	345.6	393.9	346.3	349.3	344.4	391.2	350.1	60- 65	187.0	2360	58.8,58.8
70	217.4	272.1	317.6	275.3	266.8	273.0	313.9	275.6	65- 70	156.8	2517	62.7,62.7
75	140.7	201.9	241.2	205.7	185.9	203.4	236.6	204.4	70- 75	123.2	2640	65.8,65.8
80	69.32	134.9	164.8	137.9	106.5	135.2	159.4	135.8	75- 80	87.89	2728	68,68
85	12.00	70.04	88.49	71.47	37.23	68.51	82.13	69.66	80- 85	52.56	2781	69.3,69.3
90	3.736	6.413	12.13	5.724	3.362	2.677	4.876	4.578	85- 90	19.08	2800	69.7,69.7
95	16.59	34.72	43.16	29.93	18.93	24.82	36.46	33.23	90- 95	9.885	2810	70,70
100	51.04	63.45	74.20	54.83	45.00	48.39	68.05	62.33	95-100	24.16	2834	70.6,70.6
105	83.47	92.89	105.2	80.39	75.55	74.20	99.64	92.17	100-105	38.91	2873	71.6,71.6
110	117.5	123.2	136.3	106.7	99.82	103.6	131.2	123.0	105-110	53.22	2926	72.9,72.9
115	152.5	154.5	167.3	135.2	126.4	137.4	162.8	155.2	110-115	66.71	2993	74.6,74.6
120	188.1	187.2	198.3	168.0	177.4	171.6	194.4	188.3	115-120	79.44	3072	76.5,76.5
125	223.7	221.0	229.4	206.1	208.5	210.7	226.0	222.7	120-125	90.28	3162	78.8,78.8
130	258.4	245.7	260.4	239.2	233.9	243.2	257.6	247.3	125-130	98.73	3261	81.2,81.2
135	292.0	270.9	291.5	268.5	278.8	273.7	289.2	272.1	130-135	104.4	3365	83.8,83.8
140	324.1	296.1	311.7	298.7	312.5	303.9	309.5	297.2	135-140	106.3	3472	86.5,86.5
145	354.0	321.4	332.0	330.1	338.4	332.7	329.9	322.5	140-145	104.6	3576	89.1,89.1
150	382.2	347.0	352.3	355.4	362.8	354.8	350.3	347.5	145-150	100.0	3676	91.6,91.6
155	407.4	371.4	372.6	379.5	420.9	377.4	370.6	371.5	150-155	92.90	3769	93.9,93.9
160	429.6	394.1	392.9	402.5	441.3	400.2	391.0	393.7	155-160	82.19	3851	95.9,95.9
165	446.1	416.5	413.2	423.4	456.9	421.2	411.4	415.6	160-165	68.07	3919	97.6,97.6
170	459.3	437.6	433.5	442.4	466.4	440.7	431.7	436.2	165-170	51.29	3971	98.9,98.9
175	468.6	456.7	453.8	459.6	471.6	458.4	452.1	455.4	170-175	32.18	4003	99.7,99.7
180	474.1	474.1	474.1	474.1	472.5	472.5	472.5	472.5	175-180	11.09	4014	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



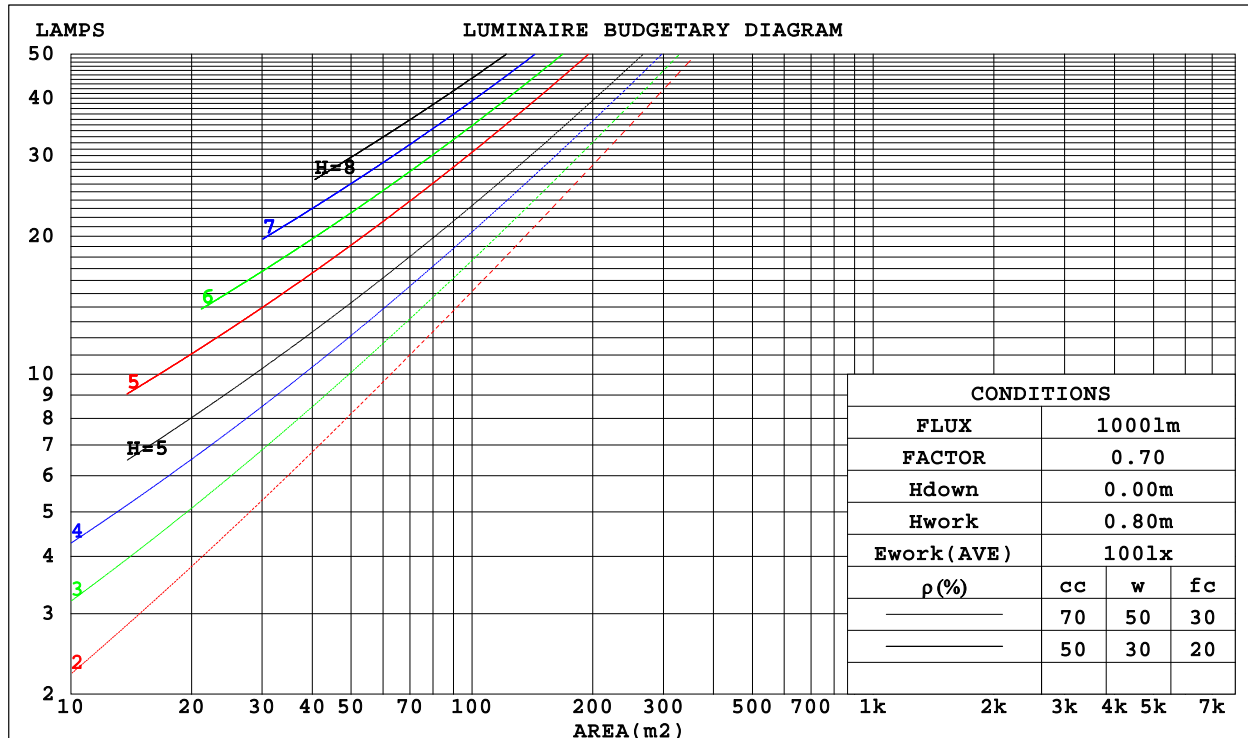
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 26.3DEG
Operators: Ethan
Test Date: 2021-08-16

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:120.3V I:0.2660A P:31.80W PF:0.9940 Lamp Flux:4014.03x1 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	.94	.94	.94	.84	.84	.84	.74	.74	.74	.70
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	.38	.34
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	.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	.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 7:3

WEC AND CCEC

Test:U:120.3V I:0.2660A P:31.80W PF:0.9940 Lamp Flux:4014.03x1 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	.300	.171	.054	.284	.162	.051	.253	.145	.046	.226	.130	.042	.200	.116	.037	
2.0	.278	.153	.047	.264	.145	.045	.236	.131	.041	.211	.118	.037	.187	.106	.033	
3.0	.256	.136	.041	.243	.130	.039	.218	.118	.036	.195	.107	.033	.174	.096	.030	
4.0	.236	.123	.036	.224	.117	.035	.201	.107	.032	.180	.097	.029	.160	.087	.027	
5.0	.218	.111	.032	.207	.106	.031	.186	.097	.029	.167	.088	.026	.149	.080	.024	
6.0	.203	.102	.029	.192	.097	.028	.173	.089	.026	.155	.081	.024	.138	.073	.022	
7.0	.189	.093	.026	.179	.089	.025	.162	.082	.024	.145	.074	.022	.129	.067	.020	
8.0	.176	.086	.024	.168	.082	.023	.151	.076	.022	.136	.069	.020	.121	.062	.018	
9.0	.165	.080	.022	.157	.077	.021	.142	.070	.020	.128	.064	.018	.114	.058	.017	
10.0	.155	.074	.021	.148	.071	.020	.134	.066	.018	.120	.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	.421	.421	.421	.360	.360	.360	.246	.246	.246	.141	.141	.141	.045	.045	.045	
1.0	.412	.389	.368	.353	.334	.316	.241	.229	.219	.139	.133	.127	.044	.043	.041	
2.0	.404	.366	.334	.346	.315	.288	.237	.218	.201	.137	.127	.118	.044	.041	.038	
3.0	.397	.349	.311	.340	.301	.270	.234	.209	.189	.135	.122	.112	.043	.040	.037	
4.0	.390	.337	.296	.335	.291	.258	.230	.203	.181	.133	.119	.107	.043	.039	.035	
5.0	.383	.327	.286	.329	.283	.249	.227	.198	.176	.131	.116	.104	.042	.038	.034	
6.0	.376	.319	.279	.323	.277	.243	.223	.194	.172	.129	.114	.102	.042	.037	.034	
7.0	.370	.313	.273	.318	.271	.238	.220	.190	.169	.128	.112	.100	.041	.037	.033	
8.0	.364	.307	.269	.313	.267	.234	.217	.187	.166	.126	.110	.099	.041	.036	.033	
9.0	.358	.303	.266	.309	.263	.232	.214	.185	.164	.125	.109	.098	.040	.036	.032	
10.0	.353	.299	.263	.304	.260	.229	.211	.183	.163	.123	.108	.097	.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 7:3

Uncorrected UGR Table

Test:U:120.3V I:0.2660A P:31.80W PF:0.9940 Lamp Flux:4014.03x1 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	15.4	16.6	16.1	17.2	18.0	16.7	17.8	17.3	18.5	19.2	
	3H	16.6	17.7	17.3	18.4	19.2	18.4	19.4	19.1	20.1	20.9
	4H	17.0	18.0	17.7	18.7	19.5	19.2	20.1	19.9	20.8	21.6
	6H	17.2	18.1	17.9	18.8	19.7	19.8	20.7	20.5	21.4	22.3
	8H	17.2	18.1	18.0	18.8	19.7	20.1	20.9	20.8	21.6	22.5
	12H	17.2	18.0	17.9	18.7	19.6	20.3	21.1	21.0	21.8	22.7
4H	2H	16.2	17.1	16.9	17.8	18.6	17.1	18.1	17.8	18.8	19.6
	3H	17.6	18.4	18.3	19.1	20.0	19.0	19.8	19.7	20.6	21.4
	4H	18.1	18.8	18.9	19.6	20.5	19.9	20.6	20.7	21.4	22.3
	6H	18.4	19.1	19.2	19.9	20.8	20.7	21.3	21.5	22.1	23.1
	8H	18.5	19.1	19.3	19.9	20.8	21.0	21.6	21.8	22.4	23.4
	12H	18.4	19.0	19.2	19.8	20.8	21.3	21.9	22.1	22.7	23.6
8H	4H	18.5	19.1	19.3	19.9	20.9	20.0	20.7	20.8	21.4	22.4
	6H	19.0	19.5	19.8	20.3	21.3	21.0	21.5	21.8	22.3	23.3
	8H	19.2	19.6	20.0	20.4	21.5	21.5	21.9	22.3	22.7	23.8
	12H	19.2	19.6	20.1	20.5	21.5	21.9	22.2	22.7	23.1	24.1
12H	4H	18.5	19.1	19.3	19.9	20.9	20.0	20.6	20.8	21.4	22.4
	6H	19.1	19.6	20.0	20.4	21.4	21.0	21.5	21.9	22.3	23.3
	8H	19.4	19.7	20.2	20.6	21.6	21.5	21.9	22.4	22.8	23.8
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 4014 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:120.3V I:0.2660A P:31.80W PF:0.9940 Lamp Flux:4014.03x1 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:

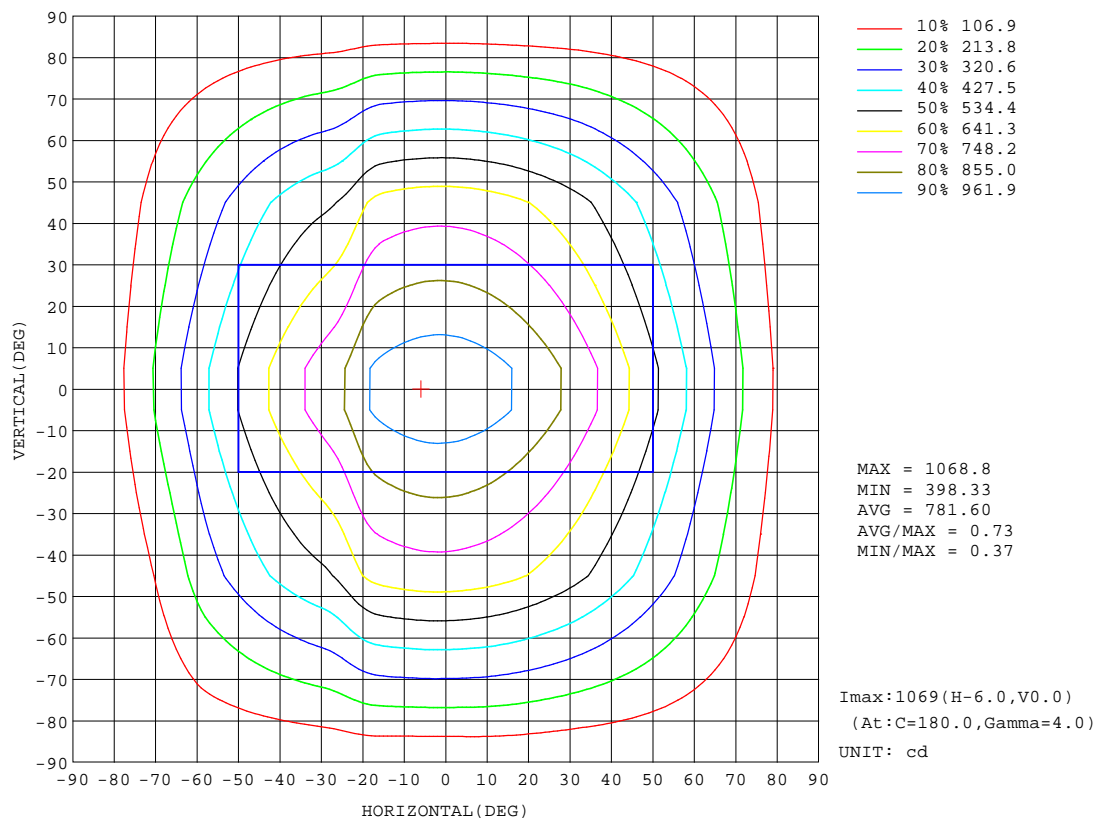
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	49	38	31	47	37	31	44	35	29	22
0.80	59	47	40	56	46	39	52	43	37	28
1.00	67	55	48	64	53	47	59	52	44	34
1.25	74	63	55	70	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	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	93	87	83	83	79	76	57
5.00	100	95	91	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:120.3V I:0.2660A P:31.80W PF:0.9940 Lamp Flux:4014.03x1 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:



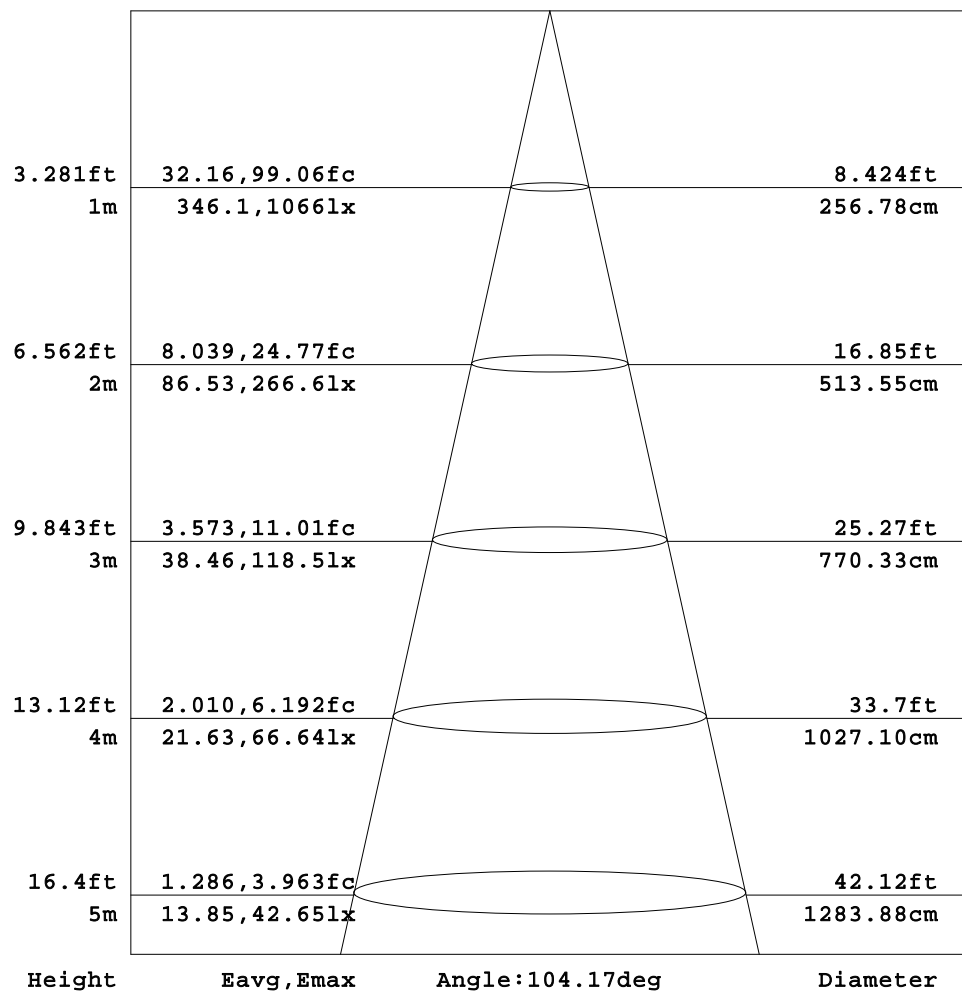
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:26.3DEG
Operators:Ethan
Test Date:2021-08-16

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 7:3

AAI Figure

Test:U:120.3V I:0.2660A P:31.80W PF:0.9940 Lamp Flux:4014.03x1 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:1847 lm



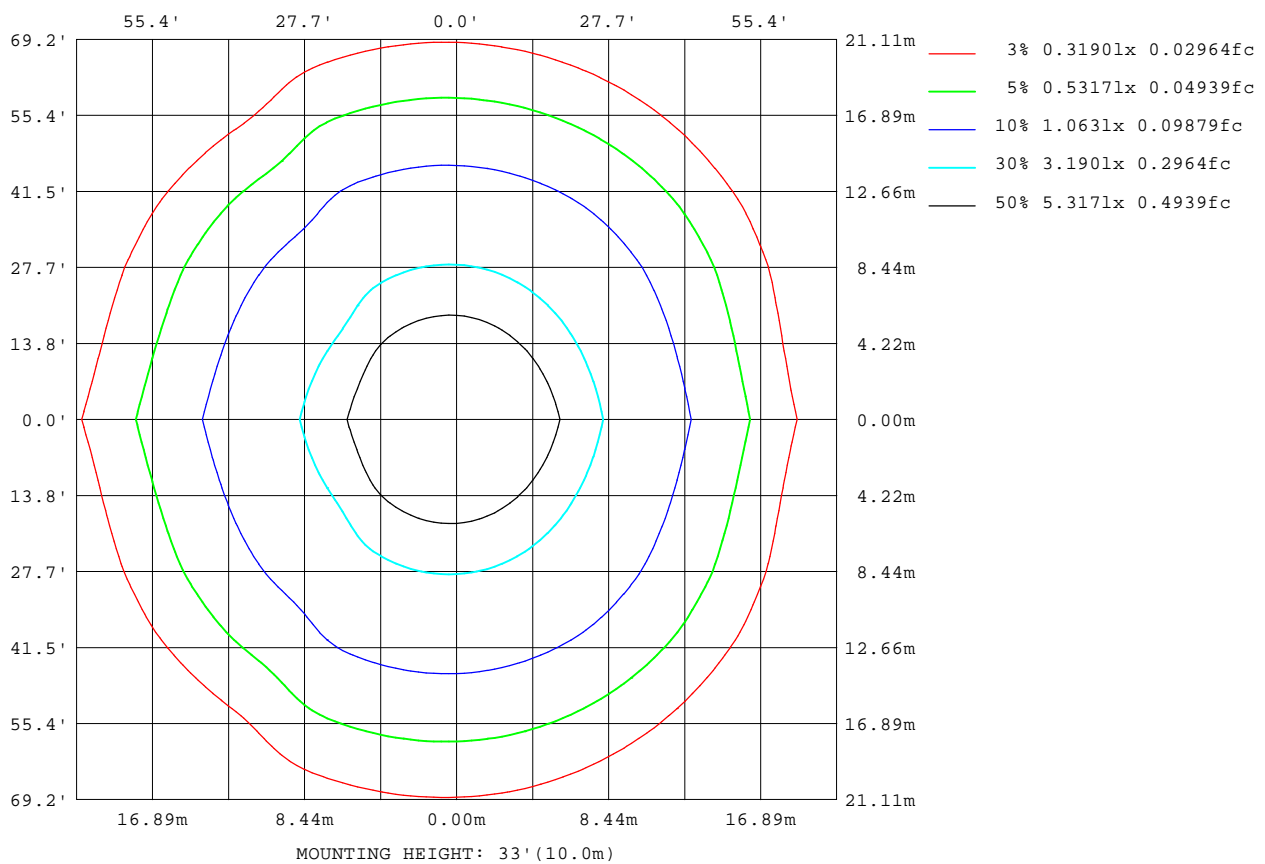
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

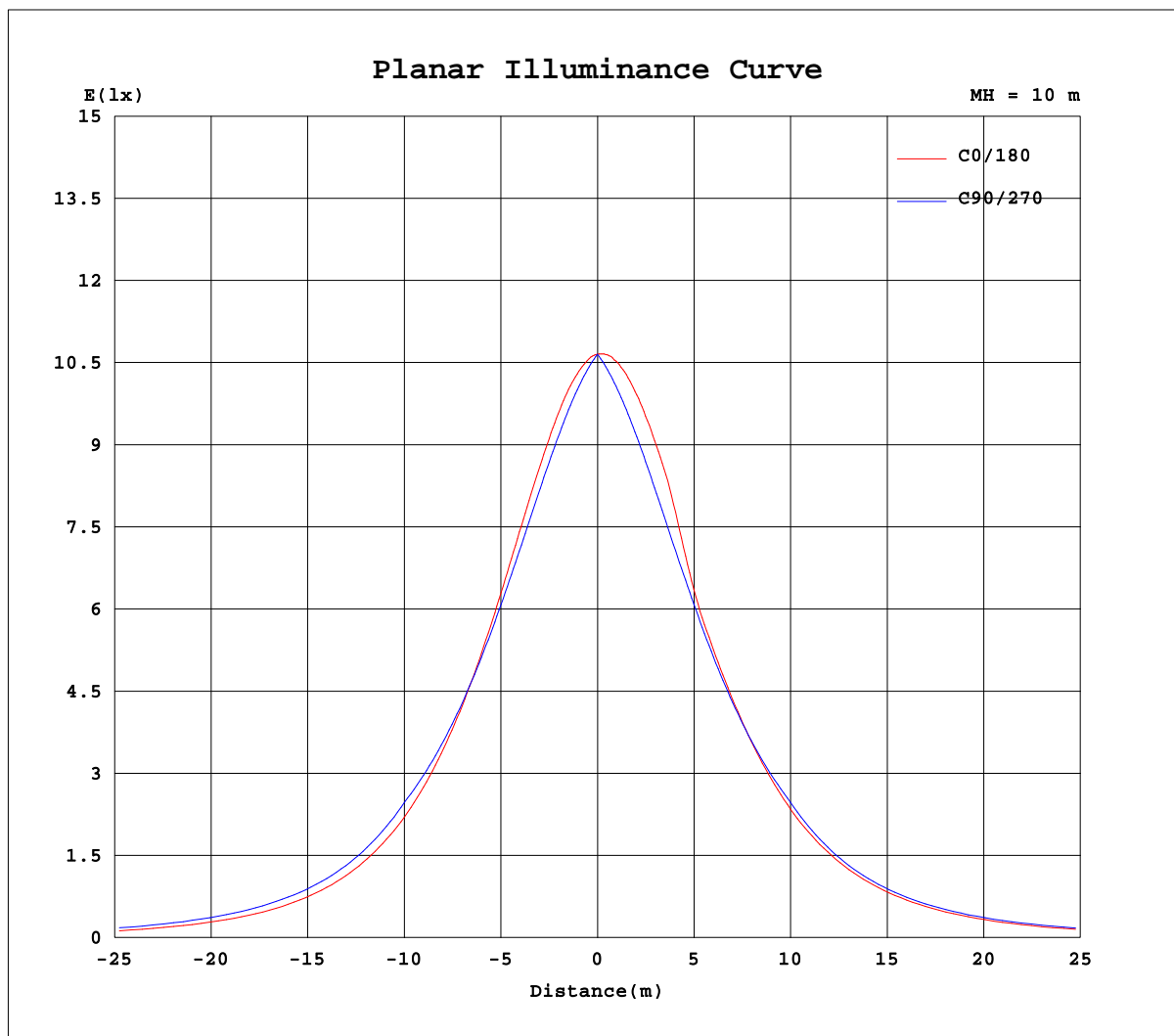
Test:U:120.3V I:0.2660A P:31.80W PF:0.9940 Lamp Flux:4014.03x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:4000K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:



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 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:120.3V I:0.2660A P:31.80W PF:0.9940 Lamp Flux:4014.03x1 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	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066
5	1052	1048	1045	1042	1039	1036	1033	1031	1029	1028	1027	1026	1025	1025	1025	1024	1024	1025	1025
10	1027	1020	1014	1008	1003	998	995	991	989	986	984	983	982	981	981	982	983	983	984
15	991	981	973	965	959	953	949	945	942	940	938	938	937	937	938	938	940	942	944
20	949	937	926	917	909	903	898	894	891	890	890	890	891	892	894	896	898	901	903
25	897	883	870	861	853	847	842	840	838	838	839	841	844	847	850	853	856	859	862
30	838	822	808	798	790	785	782	782	783	785	788	791	795	800	805	810	814	818	822
35	772	753	739	729	723	719	719	721	724	729	735	741	747	754	760	767	772	777	781
40	701	682	667	658	652	651	653	658	665	673	681	691	700	708	716	724	730	736	740
45	624	603	590	582	579	581	586	594	605	617	628	640	652	663	672	681	689	695	699
50	544	523	510	504	505	510	519	531	545	560	576	591	599	603	608	611	616	619	623
55	462	442	430	427	431	440	453	469	486	504	510	516	520	526	531	535	540	543	547
60	380	360	351	352	359	372	389	409	416	423	430	437	443	449	455	460	464	467	470
65	298	279	274	279	291	309	322	330	338	346	353	361	367	374	379	385	389	392	394
70	217	201	201	211	228	239	247	255	264	272	280	287	293	299	305	310	314	316	318
75	141	128	133	149	160	169	178	186	195	202	209	215	220	226	231	235	239	241	241
80	69.3	62.1	74.4	87.5	98.6	108	115	123	129	135	140	144	148	153	157	161	164	165	165
85	12.0	13.0	28.4	39.7	47.8	53.5	58.1	62.7	66.6	70.0	72.9	75.2	77.4	80.6	84.2	87.5	89.6	89.7	88.5
90	3.74	3.50	3.51	3.49	3.60	3.70	3.96	4.84	5.71	6.41	6.81	6.77	6.83	6.79	11.2	13.7	15.0	14.2	12.1
95	16.6	20.6	25.0	27.1	28.1	29.2	30.5	32.0	33.5	34.7	35.6	36.2	36.8	38.9	41.5	44.0	45.4	44.9	43.2
100	51.0	47.5	53.3	53.7	54.6	56.0	58.0	60.0	61.8	63.4	64.8	65.8	67.0	69.2	71.8	74.3	75.8	75.6	74.2
105	83.5	77.3	78.5	83.5	84.2	85.7	87.3	89.0	91.0	92.9	94.5	95.8	97.4	99.7	102	105	106	106	105
110	117	109	107	110	116	118	118	120	121	123	125	126	128	131	133	135	137	137	136
115	153	143	139	140	143	148	152	152	153	155	156	158	160	162	164	166	167	168	167
120	188	178	173	171	172	176	180	186	186	187	188	190	191	193	195	197	198	198	198
125	224	213	207	203	203	204	207	211	216	221	221	222	223	225	226	227	229	229	229
130	258	248	240	236	234	234	236	238	242	246	250	254	256	256	257	258	259	260	260
135	292	282	274	269	266	264	265	266	268	271	274	276	280	283	285	287	289	291	291
140	324	314	306	301	297	294	293	294	295	296	298	300	302	304	306	308	310	311	312
145	354	345	337	331	327	324	322	321	321	321	322	324	325	326	328	329	330	331	332
150	382	374	367	361	356	353	350	348	347	347	347	347	347	348	349	350	351	352	352
155	407	400	393	388	383	380	377	375	373	371	370	370	369	370	370	371	371	372	373
160	430	423	418	413	408	404	401	399	396	394	393	392	391	391	391	391	392	392	393
165	446	441	437	432	429	425	422	420	418	416	415	414	413	413	412	412	412	413	413
170	459	456	453	450	447	445	443	440	439	438	436	435	434	434	433	433	433	433	433
175	469	467	465	464	462	461	460	459	458	457	456	455	455	454	454	453	453	453	454
180	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474

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:120.3V I:0.2660A P:31.80W PF:0.9940 Lamp Flux:4014.03x1 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(°) γ (°)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066
5	1026	1027	1028	1029	1031	1033	1035	1038	1040	1043	1046	1048	1051	1054	1057	1061	1064	1068	1064
10	986	987	990	992	995	997	1001	1004	1008	1012	1017	1022	1027	1033	1039	1045	1052	1059	1052
15	945	948	951	953	956	959	963	966	971	976	981	987	994	1001	1010	1019	1029	1039	1028
20	905	908	910	913	916	918	921	925	929	934	939	946	953	961	970	981	993	1006	992
25	865	868	870	872	873	876	877	880	883	886	889	886	883	882	884	891	901	916	900
30	824	827	829	830	831	831	832	832	828	816	801	790	784	787	796	810	826	845	826
35	784	786	787	787	787	786	784	771	748	725	712	711	717	726	738	752	770	792	770
40	743	745	745	744	743	739	725	694	663	650	649	652	658	666	676	690	709	732	709
45	702	704	703	701	698	687	654	616	596	593	593	594	596	601	610	623	641	664	640
50	626	630	632	635	638	623	583	551	543	540	536	533	532	533	538	549	566	590	565
55	550	553	555	557	556	530	495	486	491	486	479	472	466	462	464	472	488	513	487
60	473	475	477	479	472	442	417	416	419	421	422	410	399	391	390	394	407	432	407
65	396	398	400	401	390	360	345	346	346	346	345	343	335	324	315	311	322	349	326
70	319	321	322	323	310	285	277	276	275	273	270	266	264	254	231	225	236	267	245
75	243	243	245	246	233	214	210	208	206	203	199	195	189	170	151	144	154	186	167
80	166	166	168	168	158	146	143	140	138	135	131	128	118	101	85.4	72.7	79.4	107	94.4
85	88.7	88.9	90.7	91.6	86.0	78.9	76.0	73.6	71.5	69.4	67.4	65.2	57.9	48.2	38.7	29.0	21.4	37.2	33.6
90	11.8	11.7	13.6	15.0	14.5	12.7	9.78	7.34	5.72	5.12	5.05	4.89	4.61	4.20	3.69	3.44	2.75	3.36	2.44
95	42.9	42.7	44.2	45.3	44.5	42.3	37.2	32.4	29.9	27.7	27.0	26.0	26.0	24.4	22.5	18.9	14.8	18.9	8.54
100	74.1	73.8	74.8	75.5	74.6	72.3	65.4	58.0	54.8	50.7	49.7	47.7	48.6	46.6	44.2	43.4	39.9	45.0	31.6
105	105	105	106	106	105	103	95.0	85.0	80.4	75.0	73.1	71.4	71.8	72.0	70.0	67.7	69.7	75.6	61.7
110	136	136	136	136	135	134	126	114	107	102	98.0	97.1	95.1	98.5	95.4	90.3	86.4	99.8	86.3
115	168	167	167	167	166	165	159	146	135	132	125	124	123	121	123	125	129	126	119
120	199	198	198	198	197	196	193	182	168	161	158	150	149	149	151	156	164	177	165
125	230	230	230	229	229	228	227	220	206	192	186	183	176	175	181	187	195	208	194
130	261	261	261	261	260	260	259	252	239	225	216	213	214	211	210	214	222	234	220
135	292	291	290	289	287	285	282	277	268	259	250	245	244	247	252	259	267	279	266
140	312	312	311	310	309	308	307	305	299	290	284	280	278	280	284	291	299	312	301
145	332	333	332	332	332	331	330	330	330	327	317	312	311	312	315	320	328	338	330
150	353	353	353	353	353	354	354	355	355	357	359	358	353	348	347	350	355	363	357
155	373	374	374	375	375	376	377	378	380	382	384	387	391	396	401	406	413	421	413
160	393	394	394	395	396	397	399	400	403	405	408	411	415	419	424	429	435	441	435
165	414	414	415	416	417	418	420	421	423	426	428	431	435	439	443	447	452	457	452
170	434	434	435	436	437	438	439	441	442	445	447	449	452	454	457	460	463	466	463
175	454	454	455	455	456	457	458	459	460	461	462	463	465	466	468	469	471	472	470
180	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	474	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:120.3V I:0.2660A P:31.80W PF:0.9940 Lamp Flux:4014.03x1 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	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066
5	1061	1057	1054	1051	1048	1046	1043	1040	1038	1035	1033	1031	1029	1028	1027	1026	1025	1025	1024
10	1045	1039	1032	1027	1022	1017	1012	1008	1004	1001	997	995	992	990	987	986	985	984	983
15	1019	1009	1001	994	987	981	975	970	966	962	959	956	953	951	948	946	944	942	941
20	980	969	960	953	945	939	934	928	925	921	918	915	913	910	908	905	903	901	898
25	889	881	878	879	882	885	885	883	880	877	875	873	871	870	868	865	863	860	857
30	809	795	784	780	782	792	808	823	830	831	830	830	829	828	826	825	822	819	815
35	752	737	725	716	709	706	715	735	762	780	785	786	786	786	786	784	781	777	773
40	690	676	665	657	652	648	646	653	678	713	736	741	743	744	745	743	741	736	732
45	622	609	601	596	593	592	592	592	603	636	677	696	700	702	704	703	700	696	690
50	548	537	532	531	532	535	539	542	545	564	605	632	633	631	628	626	623	620	616
55	471	462	460	464	470	478	485	490	484	484	510	545	554	552	550	548	546	543	539
60	393	388	389	396	407	420	419	417	414	410	424	459	475	473	472	471	468	466	462
65	315	314	321	332	340	342	344	344	344	341	347	375	395	395	394	393	391	389	385
70	239	244	256	261	263	267	270	273	274	273	274	295	315	316	316	315	314	312	309
75	168	179	184	188	192	196	200	203	205	205	205	218	236	238	238	237	237	235	232
80	104	110	116	121	125	129	133	135	137	138	137	145	158	160	160	160	159	158	156
85	43.9	51.5	56.3	60.0	62.9	65.1	67.2	68.5	70.0	70.6	70.5	74.2	80.7	81.7	81.8	81.8	82.1	81.5	80.3
90	2.38	2.36	2.35	2.48	2.67	2.87	3.08	2.68	3.50	3.76	3.90	4.00	3.81	3.58	3.79	4.01	4.88	4.80	4.30
95	10.9	15.5	20.0	23.1	24.5	21.9	23.5	24.8	29.7	32.5	35.4	35.9	35.1	34.7	35.0	35.5	36.5	36.5	36.0
100	26.4	34.7	41.1	45.1	46.3	42.1	44.6	48.4	56.5	61.9	67.3	67.8	66.4	65.8	66.3	67.0	68.1	68.2	67.7
105	56.5	61.0	67.1	69.7	63.7	64.0	65.9	74.2	84.6	92.5	99.7	99.8	97.7	97.0	97.6	98.5	99.6	99.8	99.5
110	80.3	88.6	94.6	94.1	82.7	86.9	89.2	104	115	125	133	132	129	128	129	130	131	132	131
115	119	121	120	106	110	112	121	137	148	160	166	163	160	160	160	162	163	163	163
120	157	146	138	137	137	141	158	172	184	196	198	194	191	191	192	193	194	195	195
125	183	176	167	165	169	182	197	211	225	233	230	225	223	223	224	225	226	227	227
130	210	205	203	206	212	220	229	243	258	265	262	257	254	254	255	256	258	258	259
135	256	250	247	247	249	254	263	274	284	286	284	282	283	284	286	288	289	290	290
140	293	286	282	281	283	288	294	304	309	307	305	304	305	306	307	309	310	310	310
145	323	318	315	314	316	322	331	333	330	328	327	327	327	328	329	329	330	330	330
150	352	350	351	356	360	360	358	355	352	351	350	349	349	349	350	350	350	350	350
155	407	402	396	392	387	383	380	377	375	374	372	371	371	371	371	371	371	370	370
160	428	423	418	413	409	406	403	400	398	396	394	394	393	392	392	391	391	390	391
165	447	442	438	434	430	427	424	421	419	418	416	415	413	413	412	412	411	411	411
170	459	456	453	450	448	445	443	441	439	438	436	435	434	433	433	433	432	431	431
175	468	466	465	463	462	461	460	458	457	456	455	454	454	454	453	453	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:120.3V I:0.2660A P:31.80W PF:0.9940 Lamp Flux:4014.03x1 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(DEC) γ (DEC)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066				
5	1024	1025	1025	1025	1026	1027	1028	1029	1031	1033	1036	1039	1042	1045	1048				
10	982	981	981	982	983	984	986	989	992	995	999	1003	1008	1014	1020				
15	939	938	937	938	938	939	940	942	945	949	954	959	966	973	981				
20	897	894	893	892	891	891	891	892	895	898	903	909	917	926	937				
25	853	851	848	845	842	840	840	840	841	844	848	853	861	871	883				
30	811	806	802	797	793	789	786	784	784	784	786	791	799	809	822				
35	768	762	756	750	744	737	732	727	723	722	722	724	731	740	754				
40	726	719	710	702	694	685	676	669	661	656	654	655	660	669	682				
45	683	675	666	655	644	633	621	609	599	590	585	582	584	591	604				
50	613	609	606	603	596	581	566	551	536	524	514	508	507	512	524				
55	535	531	528	524	520	515	510	493	475	459	445	435	431	433	443				
60	459	454	450	446	441	435	428	423	416	396	378	365	356	354	361				
65	382	378	374	370	364	358	350	343	336	330	316	297	284	278	281				
70	306	302	299	294	289	283	276	268	261	253	246	235	217	205	204				
75	230	227	224	221	216	210	204	198	190	183	175	167	157	139	131				
80	154	153	151	148	145	140	136	131	125	119	112	103	94.0	81.8	66.4				
85	79.1	78.4	77.4	76.2	74.4	72.1	69.7	66.9	63.8	60.1	55.9	50.6	43.1	32.9	18.6				
90	3.98	4.29	4.58	4.71	4.73	4.67	4.58	4.47	4.35	4.25	4.14	4.01	3.85	3.69	3.53				
95	35.6	35.6	35.5	35.2	34.7	34.0	33.2	32.3	31.4	30.2	28.8	27.3	25.5	21.8	14.4				
100	67.2	67.0	66.6	65.9	64.9	63.7	62.3	60.7	59.2	57.3	54.9	52.7	50.8	48.5	43.8				
105	98.9	98.5	97.8	96.8	95.5	93.9	92.2	90.2	88.2	86.3	83.8	81.8	80.1	75.2	74.6				
110	131	130	129	128	127	125	123	121	119	117	116	113	107	105	107				
115	163	162	161	160	158	157	155	153	152	151	147	141	137	137	141				
120	195	194	193	192	191	190	188	187	186	180	175	171	169	171	176				
125	227	226	226	225	224	223	223	218	212	207	204	202	202	205	211				
130	259	259	259	258	256	252	247	243	239	236	234	233	235	239	246				
135	289	287	285	282	279	275	272	269	266	265	264	265	268	273	280				
140	309	307	306	304	302	299	297	295	294	294	294	296	300	305	312				
145	329	328	327	326	325	324	323	322	321	322	324	326	330	336	343				
150	349	349	348	348	348	348	348	348	348	350	352	355	360	365	372				
155	370	370	370	370	370	371	371	373	374	376	379	383	387	392	399				
160	390	391	391	391	392	393	394	396	398	401	404	408	412	417	422				
165	411	411	412	412	413	414	416	417	419	422	424	428	431	436	440				
170	431	432	432	433	434	435	436	438	439	441	443	446	449	452	455				
175	452	452	452	453	454	455	455	456	457	458	460	461	462	464	465				
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