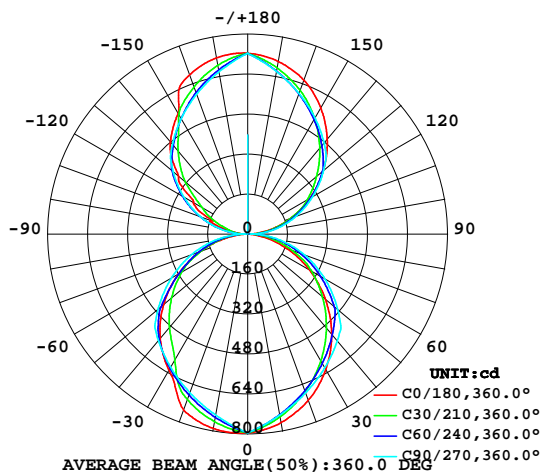


LUMINAIRE PHOTOMETRIC TEST REPORT

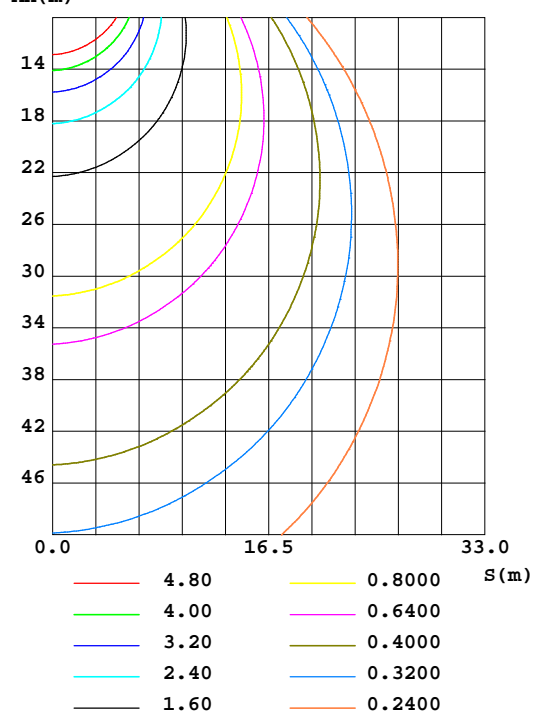
Test:U:120.2V I:0.2680A P:32.10W PF:0.9950 Lamp Flux:3951.44x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:4000K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 123.10 lm/W			
MODEL		I _{max} (cd)	797.6	S/MH(C0/180)	1.18
NOMINAL POWER(W)	32	LOR(%)	100.0	S/MH(C90/270)	1.17
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	3951.4	η UP,DN(C0-180)	23.6,26.6
NOMINAL FLUX(lm)	3951.44	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	23.2,26.6
LAMPS INSIDE	1	η up(%)	46.8	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.2	η down(%)	53.2	CIBSE SHR MAX	1.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



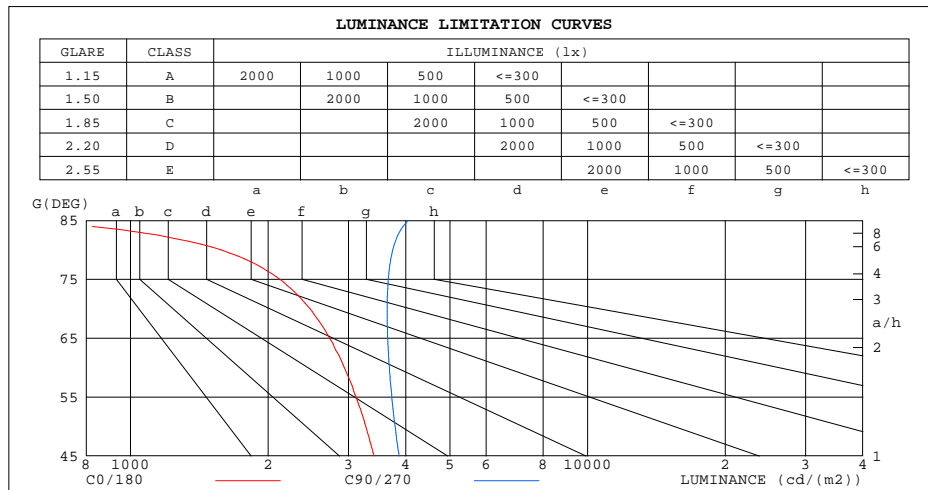
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:26.3DEG
Operators:Ethan
Test Date:2021-08-16

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 1:1

ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	$\#lum, lamp$
5	784.6	768.1	765.9	776.4	797.0	776.2	765.7	767.9	0- 5	18.69	18.69	0.47,0.47
10	766.5	737.3	736.2	752.9	789.2	752.5	735.8	737.1	5- 10	54.42	73.11	1.85,1.85
15	739.4	703.1	706.6	725.6	774.0	724.9	705.9	702.8	10- 15	87.06	160.2	4.05,4.05
20	708.3	666.5	676.9	694.7	749.8	693.5	676.0	666.1	15- 20	115.9	276.1	6.99,6.99
25	670.1	628.2	647.2	660.4	682.6	658.9	646.1	628.0	20- 25	140.1	416.2	10.5,10.5
30	625.4	588.6	617.5	619.8	629.5	614.4	616.2	589.0	25- 30	158.3	574.6	14.5,14.5
35	576.3	547.5	587.9	559.0	589.8	549.4	586.2	548.0	30- 35	171.7	746.3	18.9,18.9
40	523.8	506.1	558.2	496.4	544.3	488.5	556.3	506.9	35- 40	180.5	926.8	23.5,23.5
45	465.9	464.8	528.5	447.4	494.3	443.9	526.4	466.3	40- 45	184.7	1111	28.1,28.1
50	406.4	423.1	471.0	408.5	439.2	406.4	468.7	425.3	45- 50	183.1	1295	32.8,32.8
55	345.4	381.1	413.4	370.9	381.3	368.3	411.0	383.9	50- 55	174.2	1469	37.2,37.2
60	283.8	320.7	355.9	315.9	320.8	312.9	353.2	322.7	55- 60	159.7	1629	41.2,41.2
65	222.8	262.3	298.4	261.7	259.7	258.9	295.5	263.9	60- 65	140.8	1769	44.8,44.8
70	163.2	206.5	240.8	208.0	198.4	205.1	237.7	208.1	65- 70	118.2	1887	47.8,47.8
75	106.2	153.8	183.3	155.9	138.3	153.3	180.0	154.7	70- 75	93.10	1981	50.1,50.1
80	52.92	103.3	125.7	104.9	79.52	102.6	122.2	103.4	75- 80	66.67	2047	51.8,51.8
85	10.47	54.47	68.19	54.86	28.14	52.89	64.48	53.81	80- 85	40.25	2087	52.8,52.8
90	4.275	6.516	10.65	5.513	3.425	3.799	6.738	5.107	85- 90	15.15	2103	53.2,53.2
95	24.16	50.36	58.94	42.39	28.22	37.71	54.61	48.88	90- 95	13.61	2116	53.6,53.6
100	77.56	94.77	107.2	80.63	69.58	73.45	102.5	93.27	95-100	35.57	2152	54.5,54.5
105	127.3	140.4	155.5	120.7	122.3	113.4	150.3	138.7	100-105	58.34	2210	55.9,55.9
110	179.5	187.4	203.8	161.8	159.9	159.2	198.2	185.9	105-110	80.55	2291	58.58
115	233.4	236.0	252.1	205.7	210.1	208.7	246.1	234.7	110-115	101.3	2392	60.5,60.5
120	288.0	286.1	300.4	256.4	251.4	261.0	294.0	285.4	115-120	120.6	2513	63.6,63.6
125	342.4	338.0	348.7	315.8	311.3	320.2	341.8	337.6	120-125	137.1	2650	67.1,67.1
130	395.6	376.1	397.0	366.4	361.8	370.5	389.7	376.0	125-130	150.6	2800	70.9,70.9
135	447.0	414.1	445.3	411.7	429.8	417.8	437.6	414.2	130-135	159.4	2960	74.9,74.9
140	495.8	452.9	476.2	457.2	481.4	464.0	469.4	452.9	135-140	162.4	3122	79.79
145	541.6	491.8	507.1	506.4	521.1	508.0	501.2	491.7	140-145	159.9	3282	83.1,83.1
150	584.9	530.5	538.0	544.4	557.9	542.2	533.1	530.2	145-150	152.9	3435	86.9,86.9
155	623.6	567.8	568.9	581.2	648.0	577.5	564.9	567.6	150-155	142.1	3577	90.5,90.5
160	656.5	602.4	599.8	615.6	678.7	612.7	596.7	601.9	155-160	125.7	3703	93.7,93.7
165	681.7	636.3	630.7	647.2	701.5	645.6	628.6	636.1	160-165	104.1	3807	96.3,96.3
170	701.8	668.1	661.6	676.3	716.4	675.8	660.4	668.1	165-170	78.47	3885	98.3,98.3
175	716.2	697.3	692.5	701.8	723.7	702.1	692.2	697.6	170-175	49.22	3934	99.6,99.6
180	723.4	723.4	723.4	723.4	724.1	724.1	724.1	724.1	175-180	16.96	3951	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m²)		
G(°)	C0/180	C90/270
85	622	4050
80	1578	3748
75	2124	3665
70	2470	3644
65	2729	3654
60	2938	3684
55	3117	3731
50	3273	3793
45	3410	3869

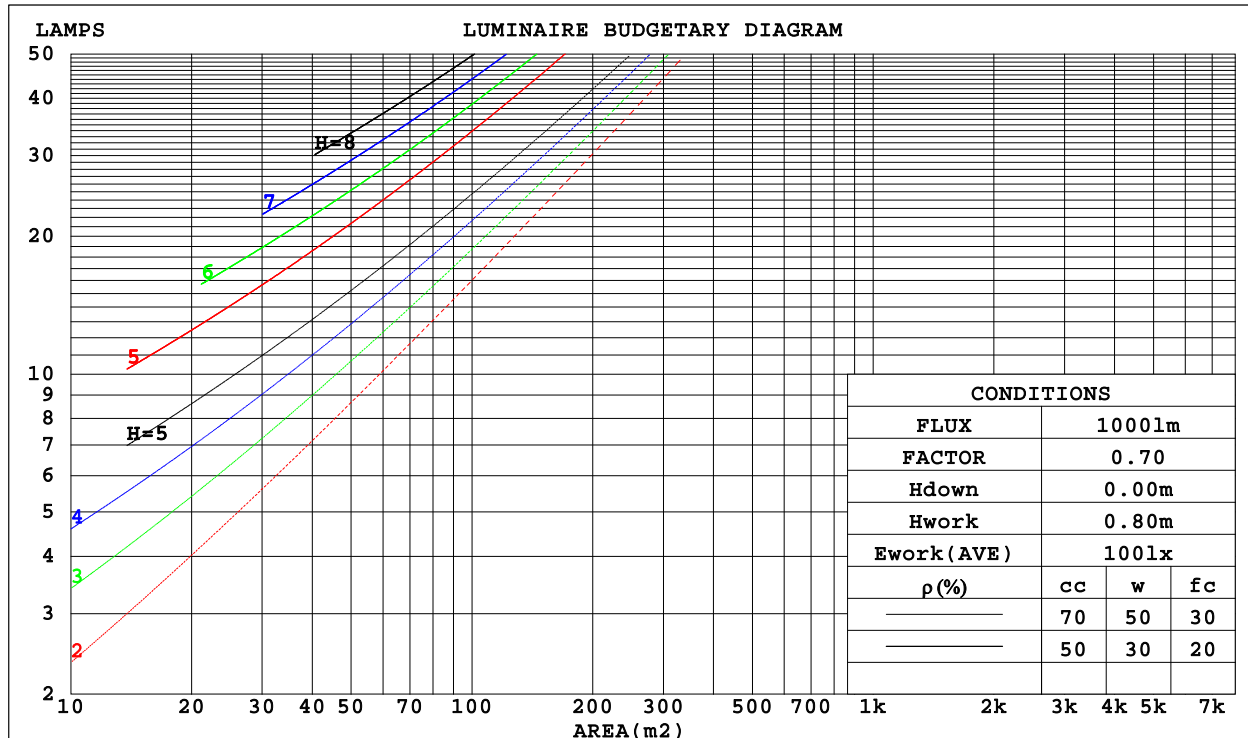
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 26.3DEG
Operators: Ethan
Test Date: 2021-08-16

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 1:1

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.2V I:0.2680A P:32.10W PF:0.9950 Lamp Flux:3951.44x1 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	1.08	1.08	1.08	.00	.00	.00	.85	.85	.85	.72	.72	.72	.59	.59	.59	.53
1.0	.94	.90	.86	.87	.83	.80	.74	.72	.69	.62	.61	.59	.52	.50	.49	.44
2.0	.82	.75	.70	.76	.70	.65	.65	.61	.57	.55	.51	.49	.45	.43	.41	.37
3.0	.71	.64	.58	.66	.60	.54	.57	.52	.48	.48	.44	.41	.40	.37	.35	.31
4.0	.63	.55	.49	.59	.52	.46	.50	.45	.40	.43	.38	.35	.36	.32	.30	.26
5.0	.56	.48	.42	.52	.45	.39	.45	.39	.35	.38	.34	.30	.32	.29	.26	.23
6.0	.50	.42	.36	.47	.40	.34	.41	.35	.30	.35	.30	.26	.29	.25	.23	.20
7.0	.45	.37	.32	.42	.35	.30	.37	.31	.27	.31	.27	.23	.26	.23	.20	.18
8.0	.41	.33	.28	.39	.31	.27	.33	.28	.24	.29	.24	.21	.24	.21	.18	.16
9.0	.38	.30	.25	.35	.28	.24	.31	.25	.21	.26	.22	.19	.22	.19	.16	.14
10.0	.35	.27	.22	.32	.26	.21	.28	.23	.19	.24	.20	.17	.21	.17	.15	.13



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 1:1

WEC AND CCEC

Test:U:120.2V I:0.2680A P:32.10W PF:0.9950 Lamp Flux:3951.44x1 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	.291	.165	.052	.269	.154	.049	.230	.132	.042	.193	.112	.036	.160	.093	.030	
2.0	.269	.147	.045	.250	.138	.042	.214	.119	.037	.180	.101	.032	.150	.085	.027	
3.0	.248	.132	.039	.230	.123	.037	.197	.107	.032	.167	.091	.028	.138	.077	.024	
4.0	.228	.119	.035	.212	.111	.033	.182	.097	.029	.154	.083	.025	.128	.070	.021	
5.0	.211	.108	.031	.197	.101	.029	.169	.088	.026	.143	.075	.022	.119	.063	.019	
6.0	.196	.098	.028	.183	.092	.027	.157	.080	.023	.133	.069	.020	.110	.058	.017	
7.0	.183	.090	.026	.170	.085	.024	.146	.074	.021	.124	.064	.019	.103	.054	.016	
8.0	.171	.084	.023	.159	.078	.022	.137	.069	.020	.116	.059	.017	.097	.050	.014	
9.0	.160	.078	.022	.149	.073	.020	.129	.064	.018	.109	.055	.016	.091	.046	.013	
10.0	.151	.072	.020	.141	.068	.019	.121	.059	.017	.103	.051	.015	.086	.043	.012	

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	.547	.547	.547	.467	.467	.467	.319	.319	.319	.183	.183	.183	.059	.059	.059	
1.0	.538	.516	.495	.461	.443	.426	.315	.305	.295	.181	.176	.171	.058	.057	.055	
2.0	.531	.494	.463	.455	.425	.400	.312	.294	.279	.180	.171	.164	.058	.055	.053	
3.0	.524	.478	.441	.449	.412	.383	.308	.286	.268	.178	.167	.158	.057	.054	.052	
4.0	.517	.466	.427	.444	.403	.371	.305	.281	.261	.177	.164	.154	.057	.054	.051	
5.0	.510	.457	.417	.438	.395	.362	.302	.276	.256	.175	.162	.152	.056	.053	.050	
6.0	.504	.449	.409	.433	.389	.357	.299	.272	.252	.173	.160	.150	.056	.052	.050	
7.0	.498	.443	.404	.428	.384	.352	.296	.269	.249	.172	.159	.149	.056	.052	.049	
8.0	.492	.438	.400	.424	.380	.349	.293	.266	.247	.171	.157	.147	.055	.052	.049	
9.0	.487	.433	.397	.419	.376	.346	.291	.264	.246	.169	.156	.147	.055	.051	.049	
10.0	.482	.429	.394	.415	.373	.344	.288	.262	.244	.168	.155	.146	.054	.051	.048	

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 1:1

Uncorrected UGR Table

Test:U:120.2V I:0.2680A P:32.10W PF:0.9950 Lamp Flux:3951.44x1 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	13.3	14.2	14.1	15.1	16.1	14.6	15.5	15.4	16.4	17.4	
	3H	14.4	15.3	15.3	16.2	17.3	16.2	17.1	17.1	18.0	
	4H	14.8	15.7	15.7	16.5	17.6	17.0	17.8	17.8	18.7	
	6H	15.0	15.8	15.9	16.7	17.8	17.6	18.4	18.5	19.3	
	8H	15.0	15.7	15.9	16.6	17.8	17.9	18.6	18.8	19.5	
	12H	14.9	15.6	15.9	16.5	17.7	18.1	18.8	19.0	19.7	
4H	2H	13.9	14.8	14.8	15.6	16.7	14.9	15.7	15.8	16.6	
	3H	15.3	16.0	16.2	16.9	18.1	16.8	17.5	17.7	18.4	
	4H	15.8	16.5	16.8	17.4	18.6	17.7	18.3	18.6	19.2	
	6H	16.2	16.7	17.1	17.6	18.8	18.4	19.0	19.4	19.9	
	8H	16.2	16.7	17.1	17.6	18.9	18.8	19.3	19.7	20.2	
	12H	16.2	16.6	17.1	17.6	18.8	19.0	19.5	20.0	20.5	
8H	4H	16.2	16.7	17.2	17.7	18.9	17.8	18.3	18.7	19.2	
	6H	16.7	17.1	17.7	18.1	19.4	18.7	19.2	19.7	20.1	
	8H	16.9	17.2	17.9	18.2	19.5	19.2	19.5	20.2	20.5	
	12H	16.9	17.2	17.9	18.2	19.5	19.6	19.9	20.6	20.9	
12H	4H	16.2	16.7	17.2	17.7	18.9	17.7	18.2	18.7	19.2	
	6H	16.8	17.2	17.8	18.2	19.5	18.7	19.1	19.7	20.1	
	8H	17.1	17.4	18.1	18.4	19.7	19.2	19.6	20.2	20.6	
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 3951 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 1:1

UTILIZATION FACTORS TABLE

Test:U:120.2V I:0.2680A P:32.10W PF:0.9950 Lamp Flux:3951.44x1 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:

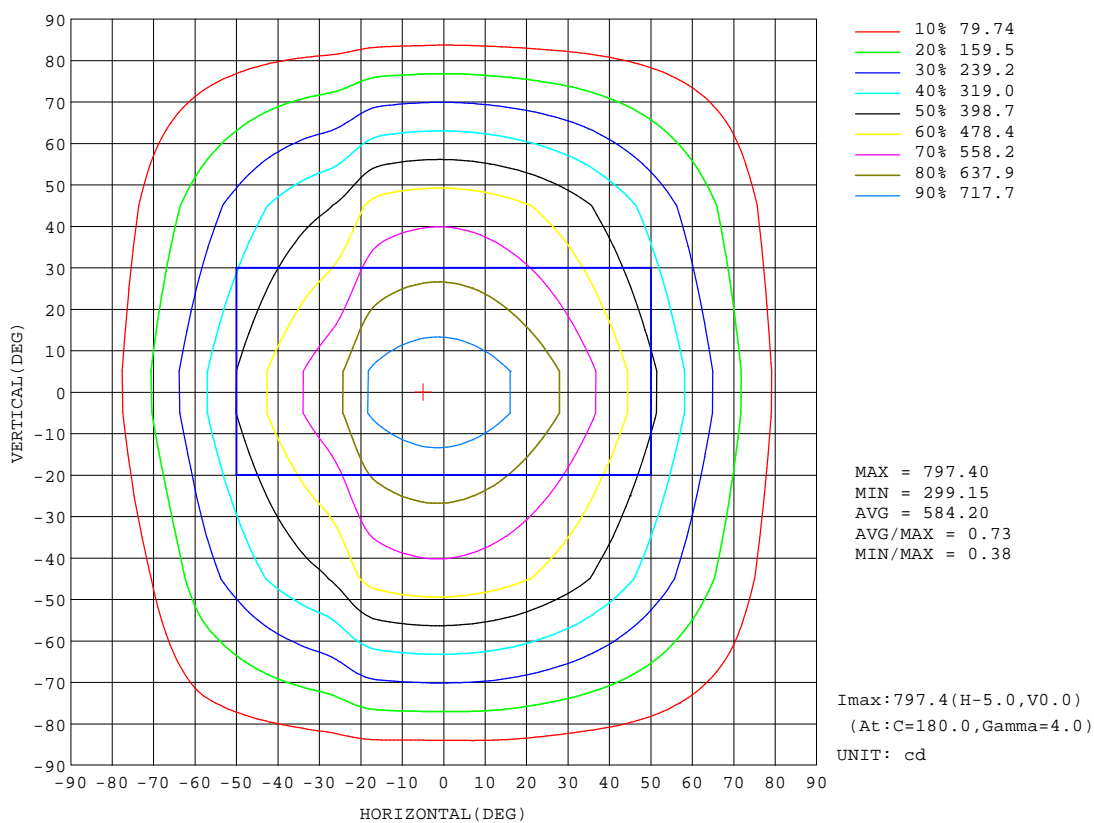
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	45	33	27	42	32	26	38	30	25	17
0.80	54	42	35	51	40	34	45	37	31	22
1.00	62	50	43	58	48	41	51	44	38	26
1.25	69	58	50	64	55	48	56	49	43	30
1.50	74	63	56	69	60	53	60	53	48	33
2.00	81	72	64	75	67	61	65	59	54	37
2.50	85	77	70	79	72	66	69	63	59	39
3.00	89	81	75	83	76	71	71	66	62	41
4.00	93	87	82	87	81	76	74	70	67	44
5.00	96	90	86	89	84	80	76	73	70	45
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 1:1

ISOCANDELA DIAGRAM

Test:U:120.2V I:0.2680A P:32.10W PF:0.9950 Lamp Flux:3951.44x1 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:



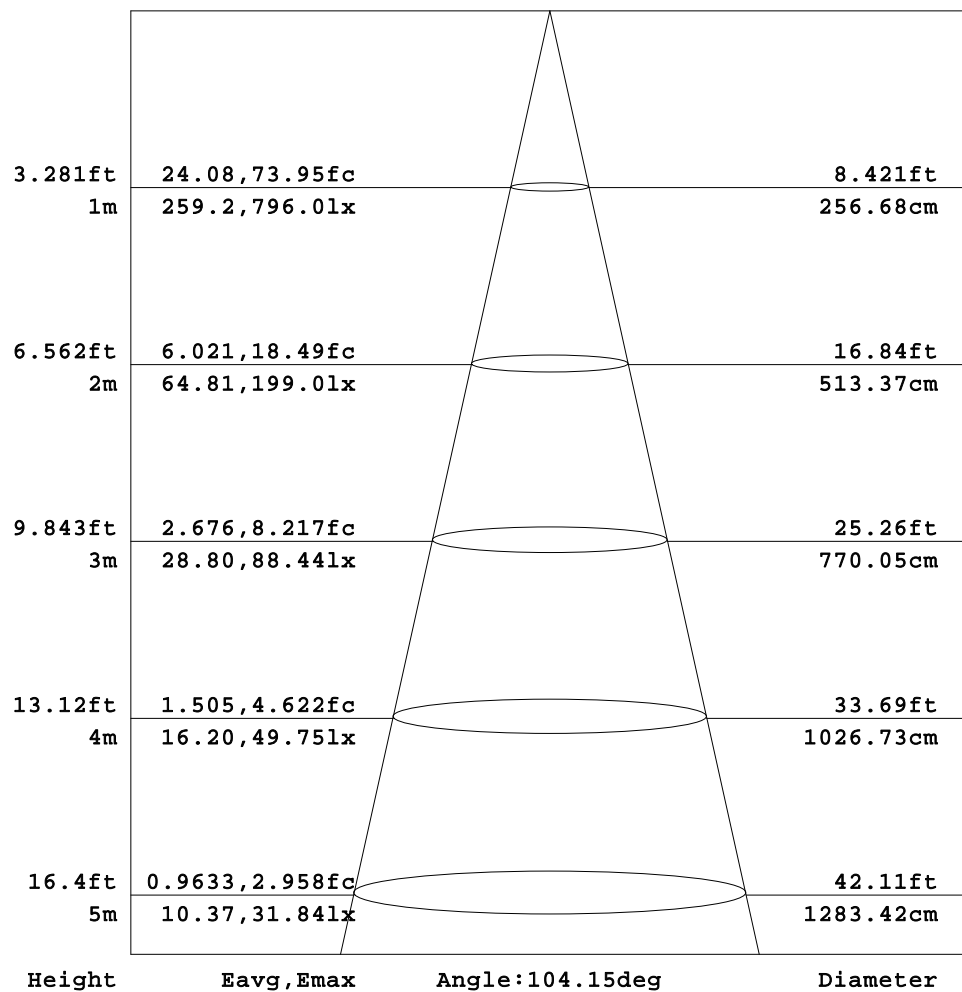
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:26.3DEG
Operators:Ethan
Test Date:2021-08-16

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 1:1

AAI Figure

Test:U:120.2V I:0.2680A P:32.10W PF:0.9950 Lamp Flux:3951.44x1 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:1383 lm



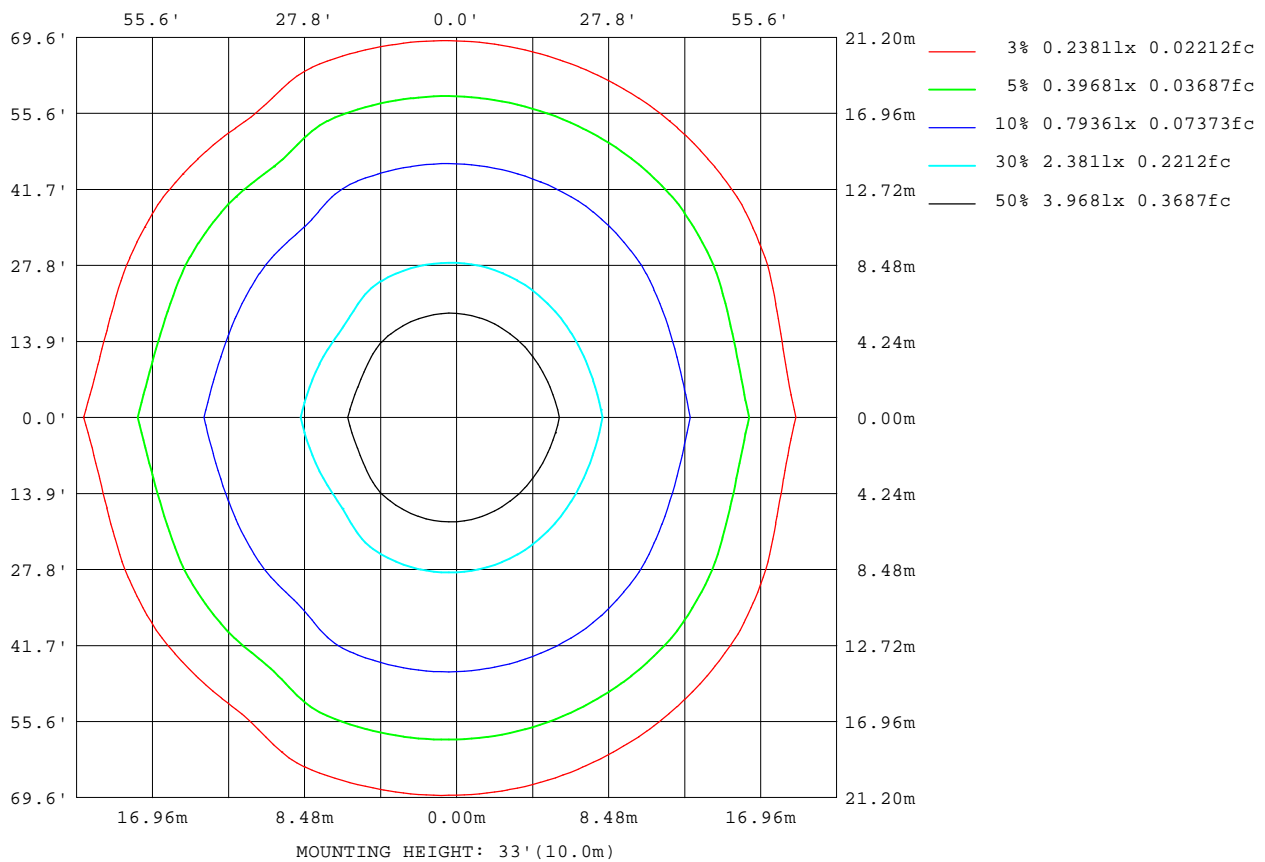
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 1:1

ISOLUX DIAGRAM

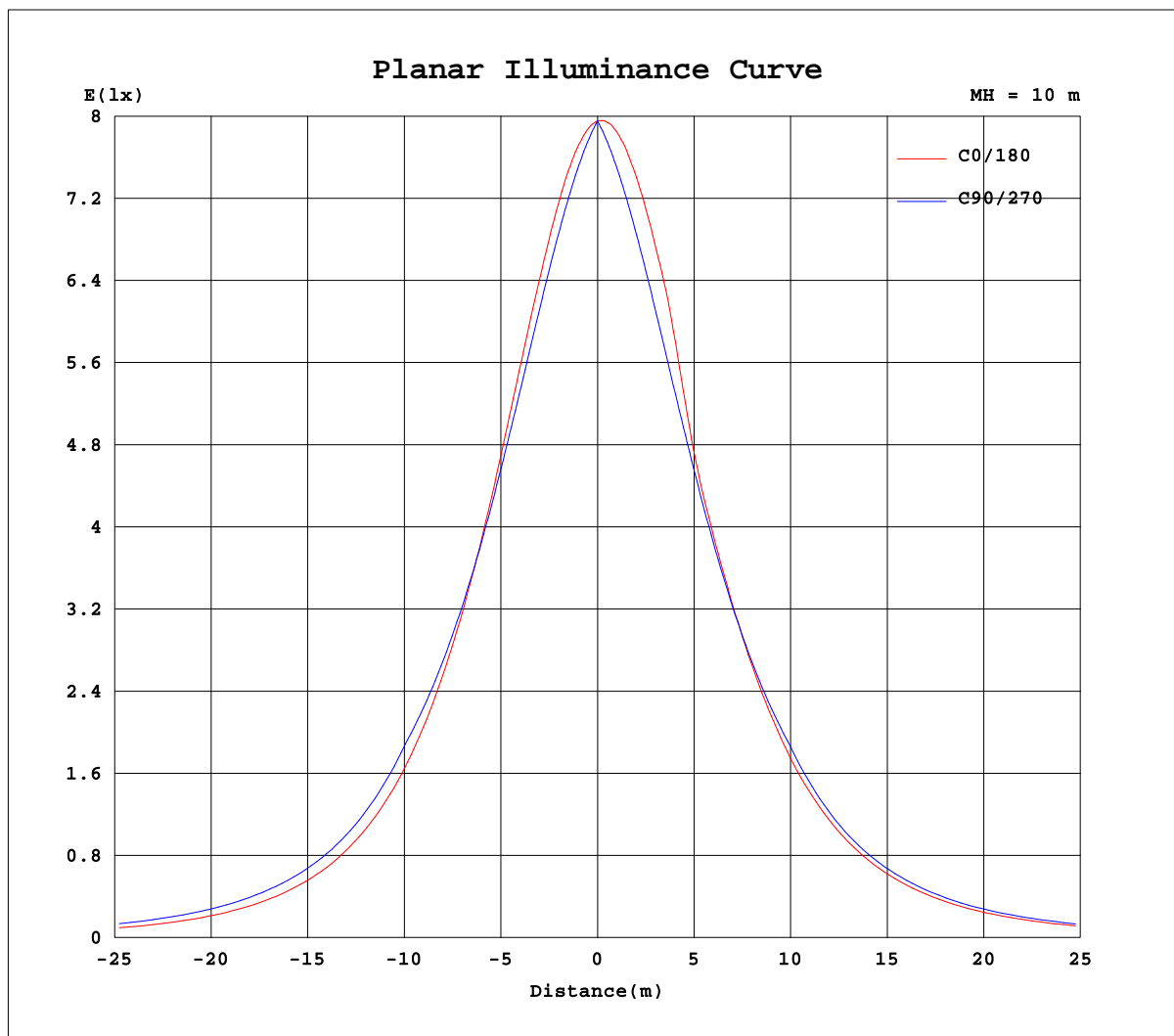
Test:U:120.2V I:0.2680A P:32.10W PF:0.9950 Lamp Flux:3951.44x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:4000K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:



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 1:1

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 1:1

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.2V I:0.2680A P:32.10W PF:0.9950 Lamp Flux:3951.44x1 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(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796
5	785	782	780	778	775	774	772	771	769	768	767	766	766	765	765	765	765	765	766
10	767	762	757	753	750	747	743	741	739	737	736	735	734	734	734	734	735	735	736
15	739	732	726	721	717	712	709	707	704	703	702	702	701	702	702	703	704	705	707
20	708	699	692	685	680	675	671	669	667	666	666	667	668	668	670	671	673	675	677
25	670	660	651	643	638	633	631	629	628	628	629	631	633	635	637	640	642	645	647
30	625	613	604	596	591	588	586	586	587	589	591	594	597	601	605	608	612	615	618
35	576	563	553	546	541	539	539	541	544	548	552	557	562	568	572	577	581	585	588
40	524	510	499	493	489	488	490	494	500	506	513	520	527	534	540	546	551	555	558
45	466	451	442	436	434	437	441	447	455	465	474	483	492	501	508	515	520	525	529
50	406	391	382	378	379	384	391	401	411	423	435	446	453	456	459	462	465	468	471
55	345	330	323	321	324	331	342	354	368	381	386	390	393	398	402	405	408	411	413
60	284	270	264	265	271	281	294	310	315	321	326	331	335	340	344	348	351	354	356
65	223	210	206	210	220	234	245	250	256	262	268	274	279	283	288	292	294	297	298
70	163	152	152	160	174	182	188	194	201	207	213	218	223	227	232	235	238	240	241
75	106	97.2	101	114	122	129	136	142	148	154	159	163	168	172	176	179	182	183	183
80	52.9	48.4	58.3	67.7	76.2	82.8	88.7	94.0	98.9	103	107	110	114	117	120	123	125	126	126
85	10.5	11.8	23.4	31.7	37.5	42.0	45.5	48.8	51.9	54.5	56.7	58.4	60.2	62.6	65.2	67.7	69.2	69.3	68.2
90	4.28	4.07	4.08	4.10	4.24	4.33	4.62	5.33	5.99	6.52	6.87	6.82	7.04	8.51	10.3	12.1	13.1	12.5	10.6
95	24.2	30.3	37.2	40.5	42.4	44.0	45.5	47.3	48.9	50.4	51.6	52.4	53.3	55.2	57.4	59.4	60.6	60.4	58.9
100	77.6	72.2	81.1	81.6	83.6	85.6	87.8	90.3	92.7	94.8	96.8	98.2	99.8	102	105	107	108	108	107
105	127	118	120	129	130	131	133	135	138	140	143	145	147	149	152	154	156	156	156
110	180	167	165	169	177	180	181	183	185	187	190	192	194	197	200	202	203	204	204
115	233	219	213	214	219	227	232	233	234	236	238	240	243	245	247	250	251	252	252
120	288	273	264	262	264	269	276	284	285	286	288	289	291	294	296	298	299	300	300
125	342	326	316	312	311	313	318	324	331	338	338	339	341	343	344	346	347	348	349
130	396	379	368	362	359	358	361	365	370	376	382	388	391	392	393	394	396	397	397
135	447	431	419	411	407	405	405	407	410	414	419	423	428	432	436	439	442	444	445
140	496	481	469	460	454	451	449	449	451	453	456	459	462	465	468	471	473	475	476
145	542	527	516	507	500	496	493	491	491	492	493	495	497	499	500	503	504	506	507
150	585	572	561	552	545	539	535	533	531	531	530	531	531	532	533	535	536	537	538
155	624	612	602	593	586	581	576	573	570	568	566	565	565	565	566	566	567	568	569
160	656	647	638	631	624	619	613	609	605	602	600	599	598	598	598	598	598	599	600
165	682	674	667	661	655	650	646	642	639	636	634	633	631	630	630	630	630	630	631
170	702	697	692	687	683	680	676	673	671	668	666	664	663	662	662	661	661	661	662
175	716	714	711	709	706	704	702	700	699	697	696	695	694	693	693	692	692	692	693
180	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723

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 1:1

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.2V I:0.2680A P:32.10W PF:0.9950 Lamp Flux:3951.44x1 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	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796
5	766	767	768	769	770	772	773	775	776	778	780	783	785	787	789	792	794	797	794
10	737	739	740	741	743	745	748	750	753	756	760	763	767	770	775	779	784	789	784
15	708	709	711	713	715	717	720	722	726	729	733	738	742	747	753	760	767	774	766
20	679	680	682	684	686	687	690	692	695	698	702	706	711	717	724	731	740	750	740
25	649	651	652	654	654	656	657	659	660	663	664	662	659	658	660	664	672	683	671
30	620	621	622	622	623	623	623	624	620	610	598	589	585	588	594	604	616	630	615
35	590	591	591	592	591	590	588	577	559	541	532	531	535	542	551	562	574	590	574
40	560	561	561	560	558	556	543	519	496	487	486	489	492	497	505	515	528	544	528
45	530	531	530	529	525	516	490	461	447	445	445	445	446	450	456	465	477	494	477
50	473	476	477	479	481	467	437	414	409	406	403	400	399	399	402	409	421	439	421
55	416	417	419	420	418	397	373	367	371	366	360	354	349	346	347	352	363	381	363
60	358	359	361	361	355	331	314	315	316	317	318	308	299	293	291	294	303	321	303
65	300	301	302	303	293	271	261	262	262	261	260	258	252	243	236	232	240	260	242
70	242	242	244	244	233	215	210	209	208	206	203	201	199	191	174	168	176	198	182
75	184	184	186	186	176	162	159	157	156	153	150	147	143	128	115	108	115	138	125
80	126	126	128	128	120	111	109	107	105	102	99.7	97.0	89.5	76.8	65.0	55.4	59.4	79.5	70.3
85	68.3	68.4	69.6	70.4	66.0	60.9	58.6	56.5	54.9	53.2	51.7	49.9	44.5	37.2	30.1	22.8	17.0	28.1	25.7
90	10.4	10.3	11.6	12.9	12.6	11.3	8.73	6.71	5.51	4.97	4.96	4.81	4.56	4.28	3.85	3.74	3.15	3.43	2.70
95	58.8	58.6	59.6	60.4	59.8	57.8	51.5	45.6	42.4	40.2	39.1	37.5	37.8	35.7	32.5	26.9	21.3	28.2	12.2
100	107	107	108	108	107	105	95.4	85.5	80.6	76.0	74.2	71.8	72.6	70.2	66.9	61.8	59.5	69.6	48.4
105	156	155	156	156	155	152	141	127	121	113	111	109	107	109	107	101	107	122	97.9
110	204	204	204	204	203	200	190	172	162	153	150	148	146	148	147	142	138	160	133
115	252	252	252	252	251	249	242	222	206	199	191	190	188	186	187	192	201	210	195
120	301	301	301	300	300	298	295	277	256	246	238	230	227	228	232	241	253	251	233
125	349	349	349	349	349	348	347	337	316	294	285	276	270	269	276	285	298	311	291
130	398	398	398	398	398	399	396	387	366	345	331	327	326	323	324	329	341	362	341
135	446	445	444	442	439	436	433	425	412	397	384	376	374	379	387	396	409	430	409
140	477	477	476	475	473	471	470	468	457	444	435	428	426	428	435	445	459	481	464
145	508	508	508	507	507	506	506	506	506	500	486	478	476	478	483	491	502	521	507
150	539	539	540	540	540	541	542	543	544	547	550	548	540	533	532	536	543	558	548
155	570	571	571	572	573	575	576	578	581	584	588	593	600	607	615	623	632	648	636
160	601	602	603	604	606	607	610	612	616	619	623	629	635	641	649	657	667	679	668
165	631	632	634	635	637	639	642	644	647	651	655	660	665	671	677	684	691	701	693
170	662	663	664	666	667	669	671	674	676	679	683	687	691	695	699	704	709	716	711
175	693	693	694	695	696	697	699	700	702	704	706	708	710	712	715	717	720	724	721
180	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	723	724	724

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 1:1

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.2V I:0.2680A P:32.10W PF:0.9950 Lamp Flux:3951.44x1 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	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796
5	792	789	787	785	782	780	778	776	774	773	771	770	769	768	767	766	766	765	765
10	779	775	770	766	763	759	756	752	750	747	745	743	741	739	738	736	736	735	734
15	759	753	747	742	737	732	729	725	721	719	716	714	712	710	709	707	706	704	703
20	731	723	716	710	705	701	697	694	691	688	686	684	682	681	679	677	676	674	672
25	663	657	655	656	658	661	660	659	657	656	654	653	652	651	649	648	646	644	642
30	603	593	585	582	584	591	603	614	620	621	621	621	621	620	619	618	616	614	611
35	561	550	542	534	529	527	534	549	569	583	587	588	589	589	589	588	586	583	580
40	515	504	496	491	487	485	483	488	507	533	550	556	557	558	558	558	556	553	549
45	464	455	448	445	443	443	444	444	452	476	507	522	525	527	528	528	526	523	519
50	408	400	397	397	398	401	404	406	409	423	453	474	476	474	472	470	469	466	463
55	351	345	344	346	352	357	364	368	364	363	382	409	416	415	414	412	411	409	406
60	293	289	291	296	305	315	314	313	311	309	318	344	356	356	355	354	353	351	348
65	235	235	240	249	254	256	258	259	259	257	260	281	296	297	297	296	295	293	290
70	178	183	192	196	197	200	203	205	206	206	206	221	237	239	239	238	238	236	233
75	125	134	138	141	144	147	150	153	155	155	155	164	178	180	180	180	180	178	176
80	77.8	82.7	87.1	91.2	94.5	97.2	100	103	104	104	104	110	119	121	122	122	122	121	119
85	33.4	39.1	42.9	45.7	48.0	49.7	51.4	52.9	53.8	54.2	54.1	56.6	61.6	62.9	63.4	64.2	64.5	63.8	62.4
90	2.76	2.58	2.72	2.88	3.15	3.31	3.54	3.80	4.12	4.21	4.23	4.13	4.06	4.40	5.03	6.13	6.74	6.46	5.59
95	15.3	22.2	28.9	34.8	35.9	33.3	35.5	37.7	44.1	48.1	52.4	52.7	51.7	51.7	52.4	53.8	54.6	54.5	53.7
100	38.3	51.1	60.6	69.1	65.5	64.9	67.3	73.5	85.2	93.0	101	101	99.2	99.0	99.9	101	102	103	102
105	89.0	89.7	103	107	88.7	98.9	100	113	128	140	151	150	147	146	147	149	150	151	150
110	125	139	146	133	129	135	138	159	174	190	200	198	194	194	195	197	198	199	198
115	186	182	168	163	171	170	184	209	224	243	251	246	242	241	243	245	246	247	247
120	216	204	211	213	209	217	244	261	280	299	300	294	289	289	290	292	294	295	295
125	279	271	260	254	260	281	300	320	341	353	348	341	337	337	338	340	342	343	343
130	326	317	314	316	326	337	350	370	393	402	396	388	385	385	386	388	390	391	392
135	394	385	380	379	381	388	401	418	432	434	430	428	429	431	433	436	438	438	438
140	450	440	433	431	433	440	450	464	470	467	464	462	463	465	466	468	469	470	470
145	496	488	483	481	483	492	505	508	504	500	498	498	498	499	500	501	501	502	501
150	541	537	539	546	552	552	547	542	538	535	534	533	532	532	533	533	533	533	533
155	626	617	609	601	594	587	582	577	574	571	569	567	566	566	565	565	565	565	564
160	658	650	641	634	628	622	617	613	609	606	603	602	600	599	598	597	597	596	596
165	685	678	671	665	659	654	650	646	642	639	637	634	633	631	630	629	629	628	628
170	705	700	695	691	687	683	679	676	673	670	668	666	664	663	662	661	660	660	660
175	718	716	713	711	708	706	704	702	700	699	697	696	695	694	693	693	692	692	692
180	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724

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 1:1

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.2V I:0.2680A P:32.10W PF:0.9950 Lamp Flux:3951.44x1 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(°) γ (°)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	796	796	796	796	796	796	796	796	796	796	796	796	796	796	796				
5	765	765	765	766	766	767	768	769	770	772	774	775	777	780	782				
10	734	733	733	734	735	736	737	738	740	743	746	750	753	757	762				
15	702	701	701	701	701	702	703	704	706	709	712	716	721	726	732				
20	671	669	668	667	666	666	666	667	669	671	675	680	685	692	699				
25	639	637	634	632	630	629	628	628	629	631	634	638	643	651	660				
30	608	604	600	597	594	591	589	587	586	587	588	591	597	604	614				
35	576	571	567	562	557	553	548	544	541	540	540	542	546	553	563				
40	544	539	533	527	520	513	507	501	495	492	489	490	493	500	510				
45	514	507	500	493	484	475	466	457	449	443	438	436	437	442	452				
50	461	458	456	453	448	437	425	413	403	393	386	381	380	383	392				
55	402	400	397	394	391	387	384	371	357	345	334	327	323	324	331				
60	345	342	339	336	332	328	323	318	313	298	285	274	267	265	270				
65	288	285	282	278	274	269	264	259	253	249	238	224	213	208	211				
70	231	228	225	222	218	213	208	203	197	191	186	178	164	155	153				
75	174	172	169	167	164	159	155	150	144	138	132	126	119	105	99.1				
80	118	116	114	112	110	107	103	99.6	95.4	90.6	85.3	79.2	71.3	63.0	51.2				
85	61.2	60.2	59.3	58.5	57.3	55.7	53.8	51.8	49.4	46.7	43.6	39.3	33.9	26.4	15.7				
90	4.97	4.63	4.72	4.96	5.12	5.15	5.11	5.06	4.98	4.91	4.82	4.69	4.51	4.28	4.11				
95	53.0	52.4	51.9	51.5	50.8	50.0	48.9	47.6	46.1	44.5	42.8	40.5	37.6	31.9	20.4				
100	101	100	99.2	98.2	96.9	95.3	93.3	91.0	88.5	85.8	83.0	79.9	76.2	72.8	66.0				
105	149	148	147	145	144	141	139	136	133	130	127	125	122	114	114				
110	198	196	195	193	191	189	186	183	180	177	175	172	164	160	164				
115	246	245	243	242	240	237	235	232	230	229	223	215	210	210	216				
120	295	294	292	291	289	287	285	284	282	273	266	260	259	261	270				
125	343	343	342	341	340	339	338	330	322	316	311	308	309	314	324				
130	392	392	392	391	389	382	376	369	364	359	357	357	359	366	377				
135	437	435	432	428	424	419	414	410	406	404	403	405	410	418	429				
140	469	467	465	462	459	456	453	450	449	448	450	453	459	467	479				
145	500	499	498	497	495	493	492	491	491	492	495	499	506	515	526				
150	532	532	531	530	530	530	530	531	532	535	539	544	551	560	571				
155	564	564	564	564	564	566	568	570	572	576	580	586	593	601	611				
160	596	596	597	598	599	600	602	605	609	613	618	624	631	638	647				
165	628	629	629	631	632	634	636	639	642	646	650	655	661	667	674				
170	661	661	662	663	664	666	668	671	673	676	680	683	688	692	697				
175	692	693	693	694	695	696	698	699	701	702	704	706	709	711	714				
180	724	724	724	724	724	724	724	724	724	724	724	724	724	724	724				

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 1:1