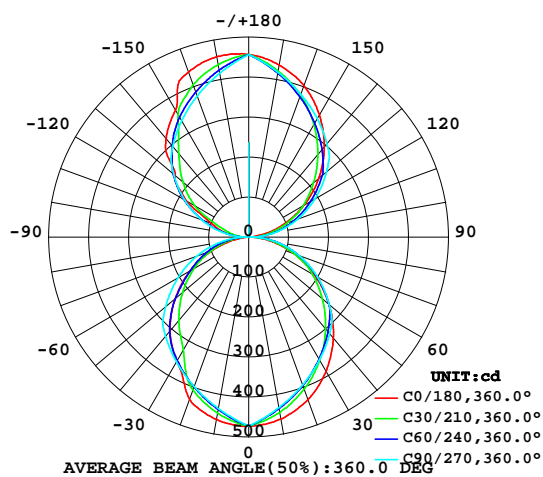


LUMINAIRE PHOTOMETRIC TEST REPORT

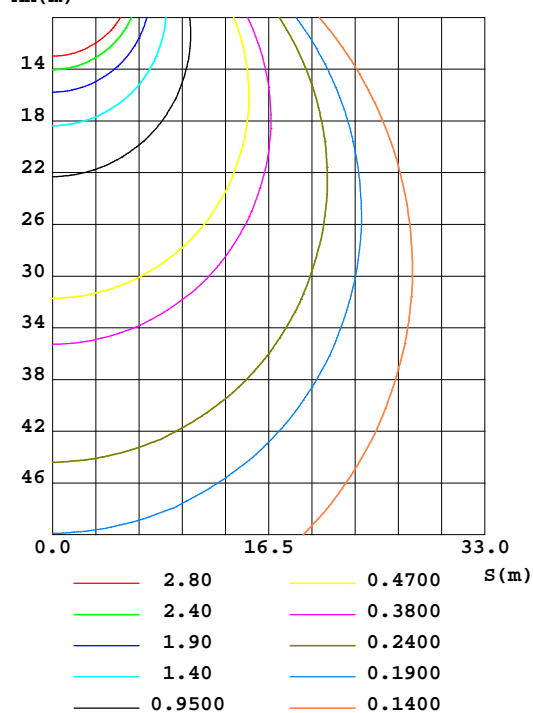
Test:U:120.1V I:0.1600A P:19.10W PF:0.9900 Lamp Flux:2384.35x1 lm					
NAME: 二代线条灯			TYPE:上下发光 白色外壳		WEIGHT:
DIM.: 2FT			SPEC.:3000K		SERIAL No.:YQ2107-7
MFR.: YQ			SUR.:0.171*1.13m		PROTECTION ANGLE:

DATA OF LAMP			PHOTOMETRIC DATA Eff: 124.83 lm/W		
MODEL		I _{max} (cd)	473.4	S/MH(C0/180)	1.22
NOMINAL POWER(W)	20	LOR(%)	100.0	S/MH(C90/270)	1.13
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2384.3	η UP,DN(C0-180)	24.8,25.5
NOMINAL FLUX(lm)	2384.35	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	23.9,25.8
LAMPS INSIDE	1	η up(%)	48.7	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.1	η down(%)	51.3	CIBSE SHR MAX	1.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



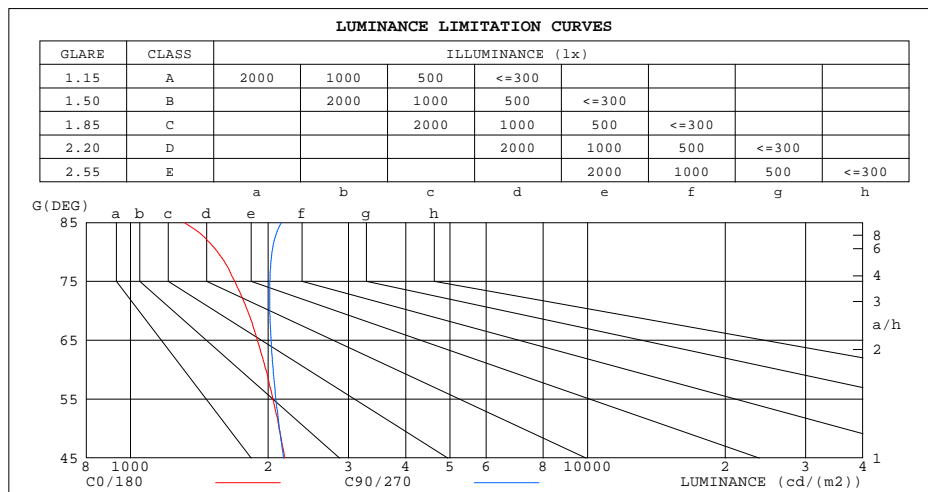
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:26.3DEG
 Operators:Ethan
 Test Date:2021-08-16

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	ϕ lum, lamp
5	469.8	457.2	453.1	457.9	470.7	458.7	454.2	458.0	0- 5	11.10	11.10	0.47,0.47
10	461.9	439.6	433.4	440.7	463.0	442.1	435.6	441.3	5- 10	32.25	43.35	1.82,1.82
15	449.2	420.3	413.7	420.6	451.0	422.8	416.9	422.9	10- 15	51.49	94.83	3.98,3.98
20	433.2	398.4	394.0	398.5	432.6	401.4	398.3	402.0	15- 20	68.39	163.2	6.85,6.85
25	412.2	375.8	374.3	376.0	389.4	378.3	379.7	380.3	20- 25	82.36	245.6	10.3,10.3
30	387.8	352.5	354.6	349.4	359.8	344.8	361.0	357.9	25- 30	92.79	338.4	14.2,14.2
35	359.2	327.7	334.9	316.2	334.4	302.8	342.4	334.4	30- 35	100.4	438.8	18.4,18.4
40	329.5	302.5	315.2	282.5	306.2	269.9	323.8	310.8	35- 40	105.2	544.0	22.8,22.8
45	296.8	277.7	295.5	250.4	273.9	245.9	305.1	286.8	40- 45	107.2	651.2	27.3,27.3
50	262.6	252.6	263.1	220.6	240.5	222.5	271.5	263.1	45- 50	105.8	757.0	31.7,31.7
55	227.2	227.2	230.6	193.5	205.1	198.5	237.9	239.1	50- 55	100.4	857.4	36.36
60	191.1	192.4	198.2	162.7	168.8	167.6	204.3	202.8	55- 60	91.88	949.3	39.8,39.8
65	154.6	159.1	165.8	133.7	132.6	137.7	170.7	167.7	60- 65	80.86	1030	43.2,43.2
70	119.2	126.7	133.3	105.3	95.48	108.5	137.0	133.8	65- 70	67.88	1098	46.1,46.1
75	84.55	95.50	100.9	78.17	60.85	80.64	103.4	101.0	70- 75	53.53	1152	48.3,48.3
80	51.99	65.57	68.47	52.00	28.55	53.75	69.80	69.28	75- 80	38.54	1190	49.9,49.9
85	22.04	36.28	36.04	26.56	4.170	27.55	36.18	38.39	80- 85	23.58	1214	50.9,50.9
90	5.095	7.493	3.611	1.565	2.349	1.818	2.564	7.884	85- 90	9.357	1223	51.3,51.3
95	3.319	32.26	34.97	29.12	32.34	26.69	32.90	31.71	90- 95	8.878	1232	51.7,51.7
100	27.71	57.51	66.33	57.23	57.74	51.70	63.23	55.99	95-100	22.02	1254	52.6,52.6
105	60.50	83.68	97.68	86.38	78.92	76.86	93.57	81.19	100-105	35.87	1290	54.1,54.1
110	92.26	110.8	129.0	117.6	97.72	102.7	123.9	107.6	105-110	49.53	1339	56.2,56.2
115	125.7	139.3	160.4	151.8	127.7	130.3	154.2	135.5	110-115	62.68	1402	58.8,58.8
120	160.1	169.7	191.8	189.2	178.8	157.8	184.6	165.0	115-120	75.25	1477	62.62
125	194.7	201.2	223.1	230.3	213.3	187.1	214.9	195.7	120-125	86.28	1564	65.6,65.6
130	228.8	225.3	254.5	257.2	241.2	219.0	245.2	220.4	125-130	94.81	1658	69.6,69.6
135	262.1	250.2	285.8	278.7	288.3	253.5	275.6	245.4	130-135	100.2	1759	73.8,73.8
140	294.6	275.3	304.9	303.3	321.9	290.9	295.7	270.9	135-140	102.2	1861	78.78
145	324.7	300.7	323.9	334.5	345.3	324.4	315.8	297.0	140-145	100.8	1962	82.3,82.3
150	353.9	326.1	342.9	357.2	366.4	347.3	336.0	322.8	145-150	96.44	2058	86.3,86.3
155	380.4	350.9	362.0	378.7	419.5	373.4	356.1	347.7	150-155	89.64	2148	90.1,90.1
160	403.6	374.0	381.0	398.3	439.7	395.3	376.2	371.6	155-160	79.47	2227	93.4,93.4
165	421.9	397.0	400.0	416.5	451.6	413.7	396.4	394.4	160-165	65.84	2293	96.2,96.2
170	437.5	418.7	419.1	432.2	458.2	430.3	416.5	416.7	165-170	49.58	2343	98.2,98.2
175	449.3	438.7	438.1	446.0	459.8	444.9	436.6	437.8	170-175	31.09	2374	99.6,99.6
180	457.1	457.1	457.1	457.1	456.8	456.8	456.8	456.8	175-180	10.71	2384	100.100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1309	2140
80	1550	2041
75	1691	2018
70	1804	2018
65	1894	2030
60	1978	2052
55	2050	2081
50	2115	2118
45	2173	2163

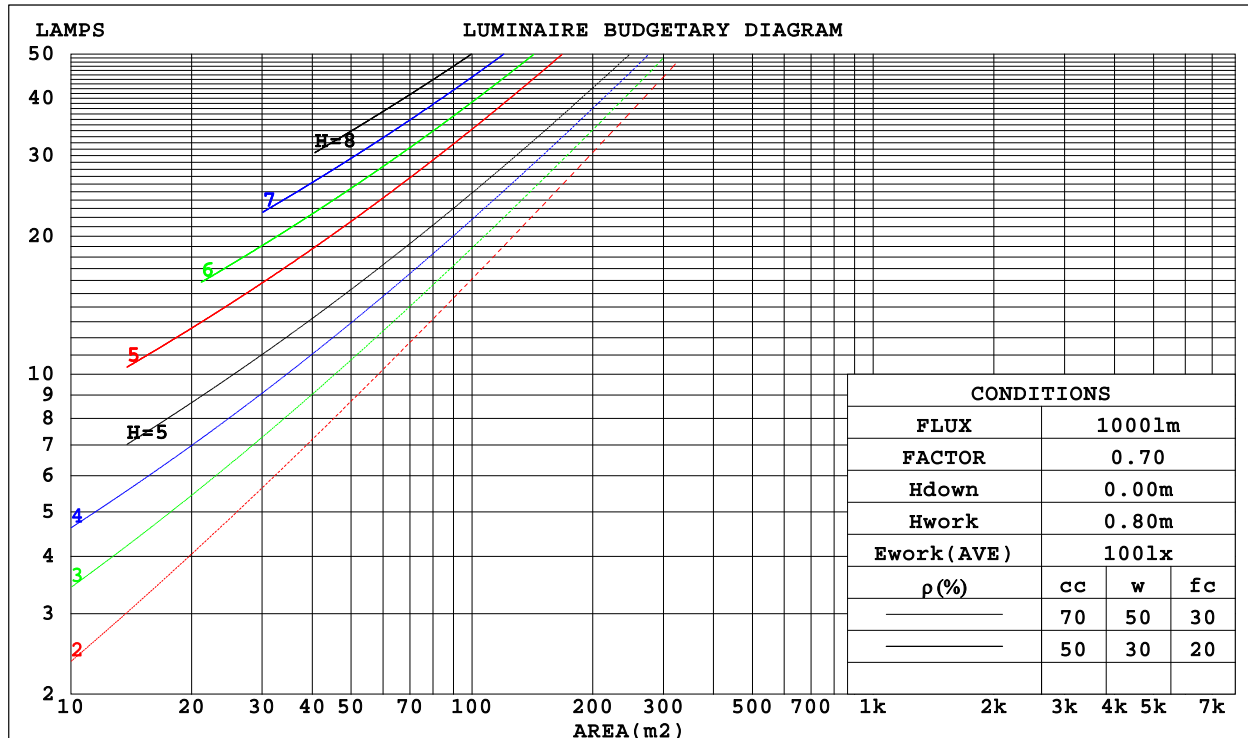
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 26.3DEG
Operators: Ethan
Test Date: 2021-08-16

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:120.1V I:0.1600A P:19.10W PF:0.9900 Lamp Flux:2384.35x1 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	1.07	1.07	1.07	.99	.99	.99	.84	.84	.84	.70	.70	.70	.57	.57	.57	.51
1.0	.93	.89	.86	.86	.83	.80	.73	.71	.68	.61	.59	.58	.50	.49	.48	.43
2.0	.81	.75	.70	.75	.70	.65	.64	.60	.56	.54	.51	.48	.44	.42	.40	.35
3.0	.71	.64	.58	.66	.59	.54	.56	.51	.47	.47	.43	.40	.39	.36	.34	.30
4.0	.63	.55	.49	.58	.51	.46	.50	.44	.40	.42	.38	.34	.35	.31	.29	.25
5.0	.56	.48	.42	.52	.45	.39	.45	.39	.34	.38	.33	.30	.31	.28	.25	.22
6.0	.50	.42	.36	.47	.39	.34	.40	.34	.30	.34	.29	.26	.28	.25	.22	.19
7.0	.45	.37	.32	.42	.35	.30	.36	.31	.26	.31	.26	.23	.26	.22	.20	.17
8.0	.41	.33	.28	.38	.31	.26	.33	.27	.23	.28	.24	.20	.24	.20	.18	.15
9.0	.38	.30	.25	.35	.28	.24	.30	.25	.21	.26	.22	.18	.22	.18	.16	.14
10.0	.34	.27	.22	.32	.26	.21	.28	.23	.19	.24	.20	.17	.20	.17	.14	.12



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:120.1V I:0.1600A P:19.10W PF:0.9900 Lamp Flux:2384.35x1 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	.289	.164	.052	.267	.152	.048	.227	.130	.042	.189	.109	.035	.155	.090	.029	
2.0	.267	.146	.045	.248	.136	.042	.210	.117	.036	.176	.099	.031	.145	.082	.026	
3.0	.246	.131	.039	.228	.122	.037	.194	.105	.032	.163	.089	.027	.134	.074	.023	
4.0	.227	.118	.035	.211	.110	.033	.180	.095	.028	.151	.081	.024	.124	.067	.020	
5.0	.210	.107	.031	.195	.100	.029	.166	.087	.025	.140	.074	.022	.115	.061	.018	
6.0	.195	.098	.028	.181	.092	.026	.155	.079	.023	.130	.068	.020	.107	.056	.017	
7.0	.182	.090	.025	.169	.084	.024	.144	.073	.021	.121	.062	.018	.100	.052	.015	
8.0	.170	.083	.023	.158	.078	.022	.135	.068	.019	.114	.058	.017	.094	.048	.014	
9.0	.159	.077	.022	.148	.072	.020	.127	.063	.018	.107	.054	.015	.088	.045	.013	
10.0	.150	.072	.020	.140	.067	.019	.120	.059	.017	.101	.050	.014	.083	.042	.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	.562	.562	.562	.480	.480	.480	.328	.328	.328	.188	.188	.188	.060	.060	.060	
1.0	.553	.530	.510	.473	.455	.439	.324	.313	.304	.186	.181	.177	.060	.058	.057	
2.0	.546	.509	.478	.467	.438	.413	.320	.303	.288	.185	.176	.169	.059	.057	.055	
3.0	.539	.493	.456	.462	.425	.396	.317	.295	.278	.183	.172	.164	.059	.056	.054	
4.0	.532	.481	.442	.456	.415	.384	.314	.290	.270	.182	.170	.160	.058	.055	.053	
5.0	.525	.471	.432	.451	.408	.376	.311	.285	.265	.180	.167	.157	.058	.055	.052	
6.0	.519	.464	.425	.446	.402	.370	.308	.281	.262	.178	.165	.156	.058	.054	.051	
7.0	.513	.458	.419	.441	.397	.365	.305	.278	.259	.177	.164	.154	.057	.054	.051	
8.0	.507	.453	.415	.436	.393	.362	.302	.276	.257	.176	.163	.153	.057	.053	.051	
9.0	.502	.448	.412	.432	.389	.359	.299	.273	.255	.174	.161	.152	.056	.053	.050	
10.0	.497	.444	.410	.428	.386	.357	.297	.272	.254	.173	.161	.152	.056	.053	.050	

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:120.1V I:0.1600A P:19.10W PF:0.9900 Lamp Flux:2384.35x1 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	11.9	12.8	12.7	13.7	14.7	12.4	13.4	13.3	14.2	15.3	
	3H	13.2	14.1	14.1	15.0	16.1	14.1	14.9	14.9	15.8	16.9
	4H	13.8	14.6	14.7	15.5	16.6	14.8	15.6	15.7	16.5	17.6
	6H	14.2	14.9	15.1	15.8	17.0	15.4	16.2	16.3	17.1	18.2
	8H	14.3	15.0	15.2	15.9	17.1	15.6	16.4	16.6	17.3	18.4
	12H	14.4	15.0	15.3	16.0	17.1	15.8	16.5	16.7	17.4	18.6
4H	2H	12.4	13.2	13.3	14.1	15.3	12.9	13.7	13.7	14.6	15.7
	3H	14.0	14.7	14.9	15.6	16.8	14.7	15.4	15.6	16.3	17.5
	4H	14.7	15.3	15.6	16.2	17.4	15.6	16.2	16.5	17.1	18.3
	6H	15.2	15.7	16.1	16.7	17.9	16.3	16.9	17.3	17.8	19.1
	8H	15.4	15.8	16.3	16.8	18.1	16.6	17.1	17.6	18.1	19.4
	12H	15.5	15.9	16.4	16.9	18.1	16.9	17.3	17.9	18.3	19.6
8H	4H	15.0	15.5	15.9	16.4	17.7	15.8	16.2	16.7	17.2	18.5
	6H	15.7	16.1	16.7	17.1	18.3	16.7	17.1	17.7	18.1	19.4
	8H	15.9	16.3	17.0	17.3	18.6	17.1	17.5	18.2	18.5	19.8
	12H	16.1	16.4	17.2	17.5	18.8	17.5	17.8	18.6	18.9	20.2
12H	4H	15.0	15.4	16.0	16.4	17.7	15.7	16.2	16.7	17.2	18.4
	6H	15.8	16.1	16.8	17.1	18.4	16.7	17.1	17.7	18.1	19.4
	8H	16.1	16.4	17.1	17.4	18.7	17.2	17.5	18.3	18.6	19.9
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 2384 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.0)

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:120.1V I:0.1600A P:19.10W PF:0.9900 Lamp Flux:2384.35x1 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:

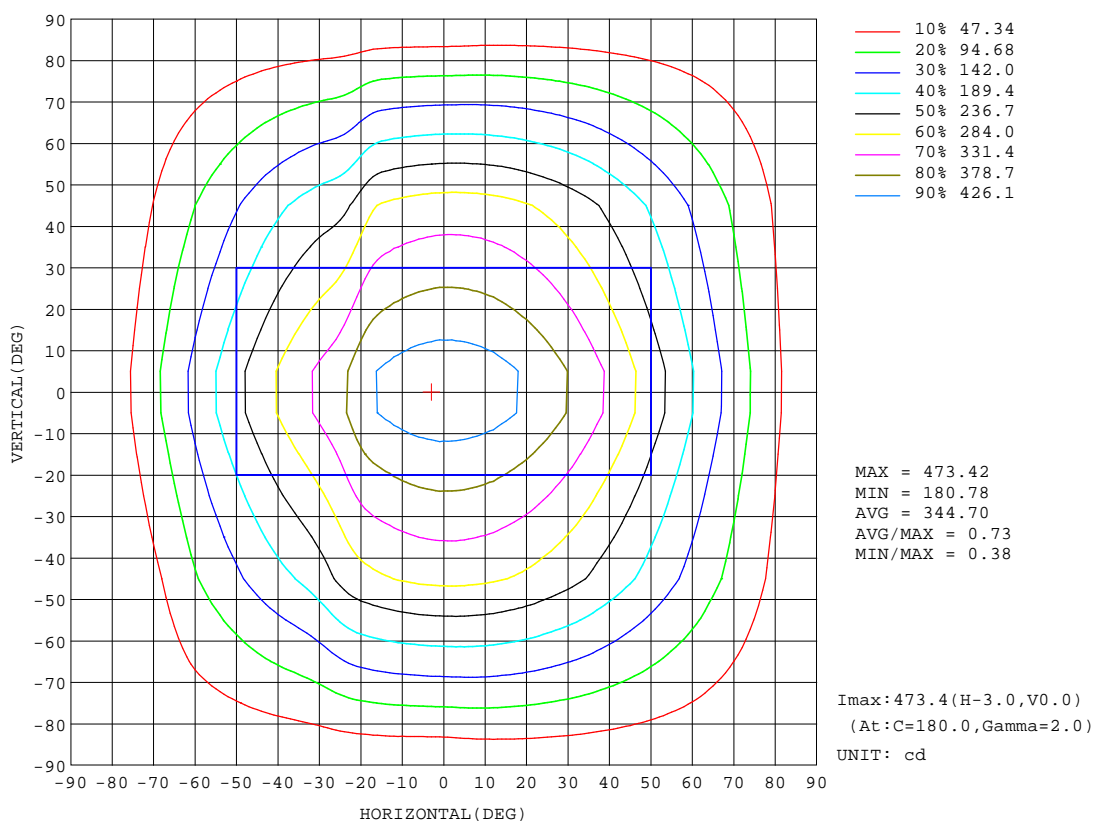
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	44	33	27	42	32	26	37	29	24	17
0.80	54	42	35	50	40	34	45	36	31	21
1.00	61	50	42	57	47	41	50	44	37	25
1.25	68	57	50	64	54	47	56	48	43	29
1.50	73	63	55	68	59	53	59	52	47	32
2.00	80	71	64	75	67	60	64	58	54	35
2.50	85	76	70	79	71	66	68	62	58	38
3.00	88	81	74	82	75	70	70	65	61	40
4.00	93	86	81	86	80	76	73	69	66	42
5.00	95	90	85	88	84	80	75	72	69	44
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
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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 1:1

ISOCANDELA DIAGRAM

Test:U:120.1V I:0.1600A P:19.10W PF:0.9900 Lamp Flux:2384.35x1 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:



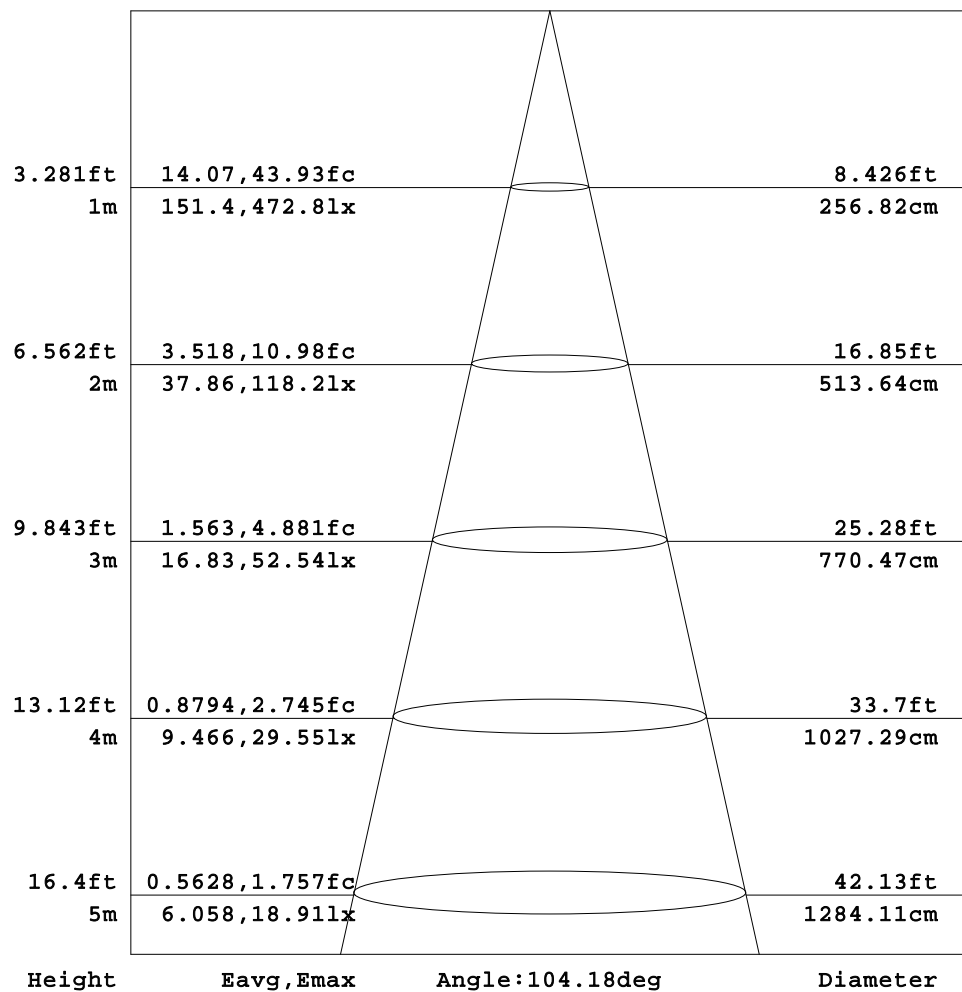
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:26.3DEG
Operators:Ethan
Test Date:2021-08-16

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 1:1

AAI Figure

Test:U:120.1V I:0.1600A P:19.10W PF:0.9900 Lamp Flux:2384.35x1 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:808.1 lm



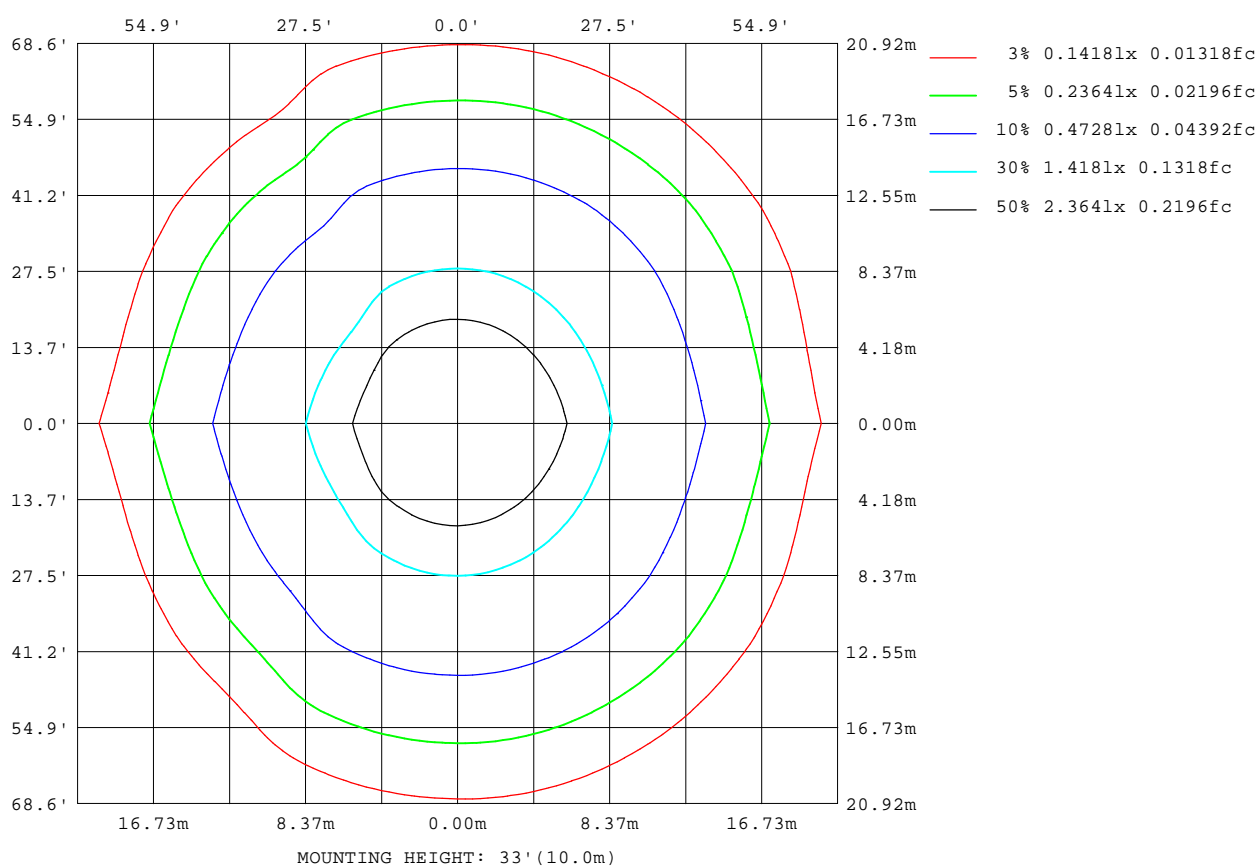
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

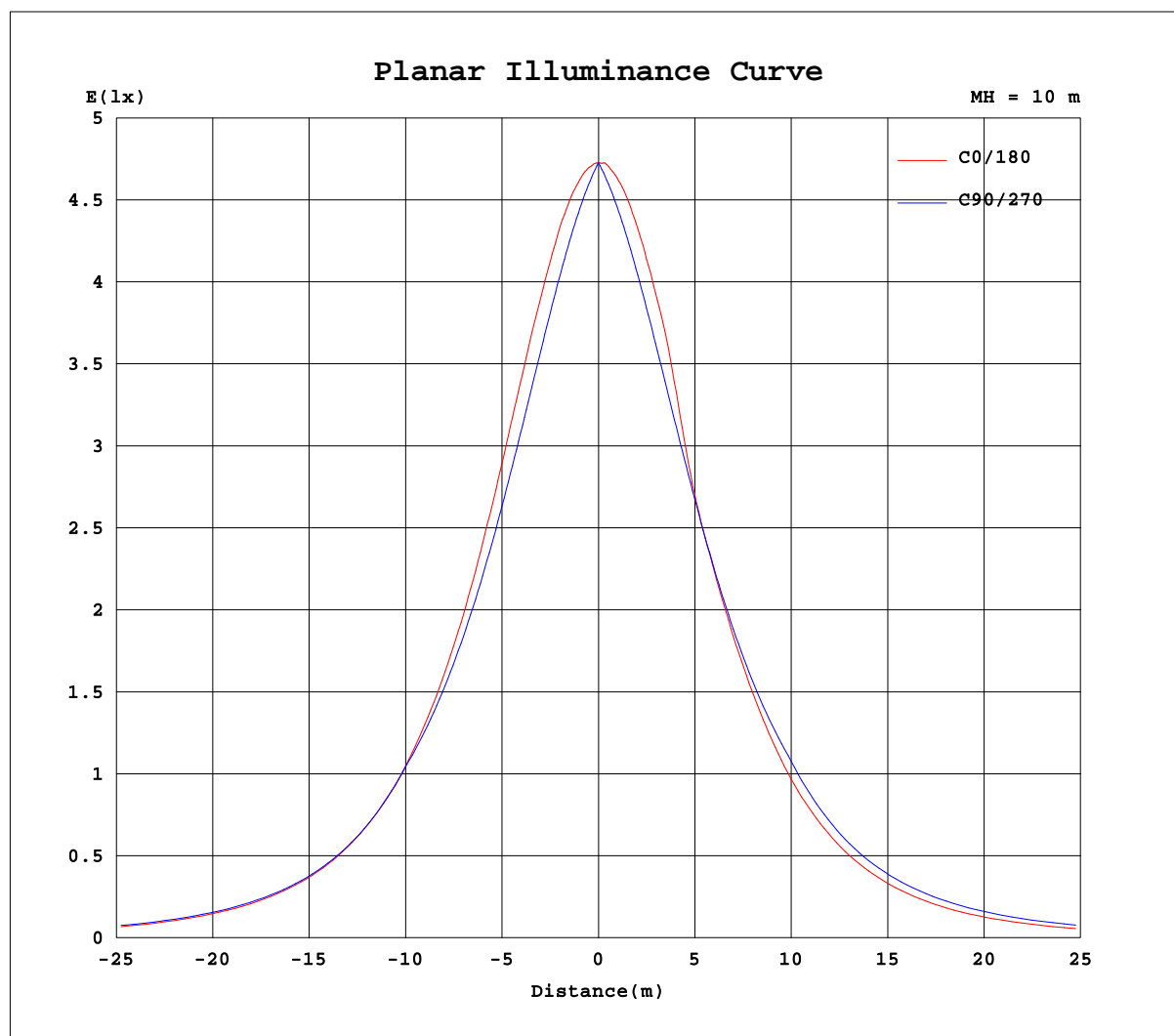
Test:U:120.1V I:0.1600A P:19.10W PF:0.9900 Lamp Flux:2384.35x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:3000K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:



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 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:120.1V I:0.1600A P:19.10W PF:0.9900 Lamp Flux:2384.35x1 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	473	473	473	473	473	473	473	473	473	473	473	473	473	473	473	473	473	473	473
5	470	468	466	465	463	462	461	459	458	457	456	456	455	454	454	454	453	453	453
10	462	459	456	453	450	447	445	443	441	440	438	437	436	435	434	434	433	434	433
15	449	444	440	436	432	429	426	424	422	420	418	417	416	415	415	414	414	414	414
20	433	427	422	417	412	408	405	402	400	398	397	397	395	395	394	394	394	394	394
25	412	405	399	393	388	385	382	379	378	376	375	374	374	374	374	374	374	374	374
30	388	379	372	366	362	358	355	354	353	352	352	352	352	353	353	354	354	355	355
35	359	350	343	337	333	330	328	327	327	328	329	330	330	332	333	334	334	335	335
40	329	320	312	306	303	300	300	300	301	302	304	307	309	310	312	314	314	315	315
45	297	286	279	274	271	270	270	272	275	278	280	284	287	289	291	293	295	295	295
50	263	252	245	241	239	239	241	244	248	253	257	261	262	263	263	263	263	264	263
55	227	216	210	207	206	208	212	216	222	227	228	229	229	230	231	231	231	231	231
60	191	181	175	173	175	178	184	190	191	192	195	196	197	198	199	199	199	199	198
65	155	145	140	141	145	150	154	155	157	159	161	163	164	166	167	167	168	167	166
70	119	110	108	110	116	119	120	122	124	127	129	131	133	134	135	135	136	135	133
75	84.5	77.0	77.5	82.3	84.2	86.7	88.8	90.9	93.4	95.5	97.7	99.9	101	102	103	104	104	103	101
80	52.0	47.0	50.9	52.6	54.7	56.9	59.6	61.5	63.6	65.6	67.3	69.0	70.3	71.2	71.9	72.0	71.7	70.5	68.5
85	22.0	21.4	24.7	27.0	28.8	30.4	32.2	33.6	35.0	36.3	37.5	38.6	39.5	40.1	40.5	40.4	39.9	38.4	36.0
90	5.10	5.11	5.16	5.18	5.22	5.45	5.95	6.46	6.97	7.49	8.02	8.49	8.90	9.17	9.22	8.92	8.11	6.36	3.61
95	3.32	4.02	12.2	18.9	22.4	24.7	26.9	28.9	30.7	32.3	33.7	35.1	36.2	37.2	37.9	38.3	38.1	37.0	35.0
100	27.7	24.7	30.8	37.9	42.2	45.7	49.0	52.3	55.0	57.5	59.7	61.9	63.7	65.4	66.7	67.6	68.0	67.7	66.3
105	60.5	54.5	56.4	62.0	65.9	69.4	73.1	77.2	80.6	83.7	86.5	89.1	91.6	93.8	95.7	97.1	98.1	98.3	97.7
110	92.3	85.0	83.9	87.0	92.5	96.5	101	104	108	111	114	117	120	123	125	127	128	129	129
115	126	117	114	115	119	125	130	133	136	139	143	146	149	152	154	157	158	160	160
120	160	151	146	145	148	152	158	164	167	170	173	176	179	182	184	187	189	191	192
125	195	185	180	177	178	180	184	189	195	201	204	206	209	212	214	217	219	221	223
130	229	219	213	210	208	209	212	216	220	225	231	236	240	243	245	248	250	252	254
135	262	253	246	242	239	239	240	243	246	250	254	259	264	268	272	276	280	283	286
140	295	285	278	274	271	269	269	270	273	275	279	282	286	289	293	296	300	302	305
145	325	316	310	305	301	299	298	298	299	301	303	306	308	310	313	316	319	322	324
150	354	346	339	334	331	328	326	326	326	326	327	329	330	332	334	336	339	341	343
155	380	373	368	363	359	356	353	352	351	351	351	351	352	353	355	357	358	360	362
160	404	398	393	388	385	381	379	377	375	374	374	374	374	375	376	377	378	379	381
165	422	417	413	410	406	403	401	399	398	397	396	396	396	396	396	397	398	399	400
170	438	434	432	429	426	424	422	421	420	419	418	417	417	417	417	417	418	418	419
175	449	448	446	445	443	442	441	440	439	439	438	438	437	437	437	437	437	438	438
180	457	457	457	457	457	457	457	457	457	457	457	457	457	457	457	457	457	457	457

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:120.1V I:0.1600A P:19.10W PF:0.9900 Lamp Flux:2384.35x1 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	473	473	473	473	473	473	473	473	473	473	473	473	473	473	473	473	473	473	473
5	453	453	454	455	455	456	456	457	458	459	460	461	463	464	466	467	469	471	469
10	433	434	435	435	435	437	438	439	441	442	444	446	449	451	454	457	460	463	460
15	414	414	414	415	416	417	418	419	421	423	425	428	430	433	437	441	446	451	446
20	394	394	394	395	395	396	396	398	399	401	403	406	409	413	417	421	426	433	426
25	375	374	374	374	374	374	374	375	376	377	377	376	375	375	376	379	383	389	382
30	355	354	354	353	353	352	351	351	349	345	340	335	334	335	339	345	351	360	351
35	335	334	333	332	330	329	328	324	316	308	303	301	302	305	310	316	325	334	325
40	315	314	312	311	309	307	302	293	283	275	271	270	271	275	280	287	295	306	296
45	295	294	292	289	287	284	275	262	250	244	241	241	242	244	248	254	263	274	263
50	263	262	262	261	260	258	248	231	221	216	214	212	212	212	215	220	229	241	229
55	230	230	229	228	227	222	210	199	194	190	186	183	181	180	181	186	193	205	194
60	198	197	196	195	194	186	174	165	163	162	160	155	150	148	148	151	157	169	158
65	165	165	164	163	161	152	141	136	134	132	129	126	122	118	116	115	121	133	122
70	133	132	132	131	128	120	111	107	105	103	99.4	96.3	93.2	88.6	81.2	78.9	83.4	95.5	86.5
75	100	100	99.6	98.5	95.7	88.5	82.5	79.9	78.2	75.5	72.5	69.6	65.7	57.5	49.1	46.4	49.8	60.8	53.5
80	67.8	67.8	67.7	66.6	64.3	59.1	55.2	53.4	52.0	49.9	47.7	45.1	40.7	33.3	26.1	19.3	20.6	28.5	23.7
85	35.4	35.6	35.7	34.8	33.4	30.6	28.6	27.4	26.6	25.4	24.3	22.8	19.8	15.7	11.6	6.76	2.92	4.17	4.02
90	2.94	3.42	3.81	3.15	2.80	2.65	2.19	1.56	1.57	1.60	1.71	1.75	1.74	1.79	2.01	2.32	2.75	2.35	2.88
95	34.7	35.4	35.9	35.5	35.2	35.1	33.8	30.9	29.1	28.0	27.2	26.5	26.0	25.3	25.9	27.2	28.4	32.3	13.2
100	66.6	67.3	68.1	67.8	67.7	67.6	65.8	60.9	57.2	55.0	53.4	52.0	51.4	50.2	51.2	54.5	52.5	57.7	38.1
105	98.4	99.3	100	100	100	100	98.6	92.2	86.4	83.4	80.8	79.1	78.6	78.4	78.1	73.7	73.8	78.9	63.1
110	130	131	132	133	133	133	132	125	118	113	110	108	108	107	101	98.4	99.4	97.7	86.5
115	162	163	165	165	166	166	167	161	152	145	142	140	138	134	130	126	127	128	119
120	194	195	197	198	199	200	201	198	189	181	176	170	167	166	167	168	172	179	164
125	225	227	229	230	232	233	235	236	230	216	205	197	195	197	200	207	216	213	197
130	257	259	261	263	264	267	267	263	257	247	237	230	223	223	228	236	246	241	228
135	288	290	290	291	291	290	289	284	279	275	269	263	261	260	258	261	267	288	276
140	307	309	310	311	311	311	311	310	303	297	295	294	292	293	296	302	310	322	309
145	326	328	329	330	331	332	333	334	335	329	321	318	319	321	324	329	335	345	334
150	345	347	348	350	351	352	354	355	357	360	361	358	352	349	349	352	357	366	358
155	364	366	367	369	371	372	374	376	379	381	384	388	392	397	401	405	411	420	412
160	382	384	386	387	389	391	393	396	398	401	405	408	412	417	421	427	433	440	433
165	401	403	404	406	407	409	411	414	417	419	422	425	429	433	437	441	446	452	446
170	420	421	422	423	425	426	428	430	432	434	437	439	442	445	448	451	455	458	455
175	438	439	440	440	441	442	443	445	446	447	449	450	452	453	455	456	458	460	458
180	457	457	457	457	457	457	457	457	457	457	457	457	457	457	457	457	457	457	457

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:120.1V I:0.1600A P:19.10W PF:0.9900 Lamp Flux:2384.35x1 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(DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	473	473	473	473	473	473	473	473	473	473	473	473	473	473	473	473	473	473	473
5	467	466	464	463	462	461	460	459	458	457	457	456	456	455	454	454	454	454	454
10	457	454	452	450	447	445	444	442	441	439	438	437	437	437	436	436	436	436	436
15	442	438	434	431	429	426	424	423	421	420	419	418	418	417	418	417	417	417	417
20	421	417	413	410	407	405	403	401	401	400	399	399	399	398	398	399	398	398	398
25	376	372	371	371	372	375	378	378	379	378	378	379	379	379	379	380	380	380	380
30	344	337	332	328	328	330	337	345	352	356	357	358	359	360	360	361	361	361	361
35	317	311	305	301	298	296	297	303	315	328	335	337	339	340	341	342	342	342	342
40	288	281	277	274	272	271	270	270	276	291	308	316	319	320	322	323	324	324	324
45	255	250	247	245	244	244	245	246	247	255	275	293	298	301	303	304	305	305	305
50	222	217	215	215	216	218	220	223	224	227	240	261	269	270	270	271	272	272	273
55	187	183	182	184	187	191	195	198	199	197	202	221	234	236	237	237	238	239	239
60	152	150	151	154	159	165	166	168	168	168	170	184	199	202	203	204	204	205	206
65	118	118	121	125	130	133	136	138	139	140	140	149	165	169	169	170	171	172	172
70	84.4	87.2	92.3	96.3	99.3	103	106	109	110	112	112	117	131	135	136	137	137	138	139
75	53.8	59.1	64.0	68.2	71.8	74.9	77.9	80.6	82.4	83.5	84.0	86.7	97.3	102	103	103	103	105	106
80	27.4	33.9	39.3	43.4	46.6	49.1	51.7	53.7	55.1	56.0	56.5	57.9	64.9	68.4	69.2	69.5	69.8	71.0	72.2
85	9.98	15.6	19.2	21.8	23.6	24.9	26.4	27.5	28.2	28.8	29.1	29.8	33.3	35.3	35.8	36.0	36.2	37.5	38.9
90	2.52	2.31	2.13	1.97	1.87	1.65	1.77	1.82	1.70	1.73	1.84	1.93	2.02	2.20	2.50	2.48	2.56	4.02	5.64
95	13.1	15.9	18.3	21.6	21.2	20.1	25.1	26.7	26.8	27.3	30.2	32.3	32.1	33.2	33.2	33.0	32.9	33.9	35.0
100	29.7	33.0	37.6	43.7	39.3	40.0	49.9	51.7	52.2	53.4	59.2	62.7	62.4	64.3	63.8	63.5	63.2	63.8	64.4
105	55.1	56.1	62.8	65.6	56.7	63.7	76.3	76.9	77.8	80.4	89.3	93.1	93.0	95.3	94.5	94.1	93.6	93.7	93.8
110	82.1	85.0	92.0	80.4	79.4	95.3	104	103	104	109	121	123	124	126	125	125	124	124	123
115	118	118	108	102	113	130	130	130	131	141	154	153	156	157	156	155	154	154	153
120	151	140	137	141	154	160	157	158	162	176	186	183	188	188	186	186	185	184	182
125	186	179	177	180	186	185	186	187	198	214	217	214	220	219	217	216	215	214	212
130	218	214	216	218	215	213	212	219	234	250	247	248	252	249	248	247	245	244	242
135	267	260	252	247	243	241	244	254	268	273	271	278	280	278	277	277	276	274	272
140	298	289	281	275	272	274	279	291	298	295	298	301	301	299	298	297	296	294	292
145	324	316	310	307	306	311	321	324	321	321	323	323	321	320	319	317	316	314	312
150	351	346	345	349	353	355	351	347	347	347	346	344	342	340	339	337	336	334	333
155	405	400	394	388	383	378	375	373	371	369	367	364	362	361	359	358	356	354	353
160	426	420	415	410	406	402	399	395	392	389	387	384	382	381	379	378	376	375	374
165	441	437	432	428	424	420	417	414	411	408	406	404	402	400	399	398	396	395	394
170	451	448	444	441	438	435	433	430	428	426	424	423	421	420	419	417	416	416	415
175	456	454	453	451	449	448	446	445	444	442	441	440	439	438	438	437	437	436	436
180	457	457	457	457	457	457	457	457	457	457	457	457	457	457	457	457	457	457	457

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:120.1V I:0.1600A P:19.10W PF:0.9900 Lamp Flux:2384.35x1 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	473	473	473	473	473	473	473	473	473	473	473	473	473	473	473				
5	455	455	455	456	456	457	458	459	460	461	462	464	465	467	468				
10	436	436	437	438	439	440	441	443	445	446	448	451	453	456	459				
15	417	418	418	419	420	421	423	425	426	428	431	434	437	441	445				
20	399	399	399	400	401	401	402	403	405	407	410	414	418	422	428				
25	380	380	380	379	379	380	380	382	383	385	387	391	395	400	405				
30	361	360	360	359	358	358	358	358	359	360	362	364	368	374	380				
35	342	341	340	338	337	336	334	333	333	333	334	336	340	345	351				
40	323	322	320	318	315	313	311	308	307	306	305	307	310	314	321				
45	304	302	300	297	294	291	287	283	280	277	276	276	278	281	288				
50	273	273	274	274	272	268	263	258	253	249	246	244	245	248	253				
55	239	240	239	239	239	239	239	233	227	221	216	213	212	213	218				
60	206	206	205	205	205	204	203	202	201	194	187	182	179	179	183				
65	173	172	172	172	170	169	168	166	165	164	160	152	147	145	147				
70	139	139	139	138	137	136	134	132	130	129	128	125	117	112	112				
75	106	106	106	105	104	103	101	99.3	97.5	95.6	94.0	91.9	90.1	82.9	79.9				
80	72.8	73.0	72.8	72.3	71.7	70.5	69.3	68.0	66.5	64.9	63.1	60.6	58.9	57.5	50.5				
85	39.7	40.1	40.2	40.0	39.7	39.0	38.4	37.7	36.9	35.9	34.6	33.0	31.4	29.2	26.5				
90	6.62	7.22	7.59	7.78	7.88	7.78	7.88	7.97	7.99	7.99	7.93	7.78	7.61	7.41	7.22				
95	35.4	35.4	35.1	34.5	33.8	32.7	31.7	30.5	29.1	27.2	25.2	22.6	18.0	9.64	3.55				
100	64.3	63.7	62.7	61.4	59.9	58.0	56.0	53.7	51.1	47.7	44.2	40.1	34.2	24.9	20.6				
105	93.2	92.1	90.7	88.8	86.5	84.0	81.2	78.1	74.8	70.4	66.2	61.9	57.0	51.9	51.3				
110	122	121	119	116	114	111	108	104	100	96.4	91.8	87.4	82.6	80.3	82.3				
115	152	150	148	145	142	139	135	132	128	125	120	114	111	111	115				
120	181	179	177	174	171	168	165	162	159	152	147	143	142	143	148				
125	211	209	206	204	201	198	196	190	184	180	176	174	174	177	183				
130	241	239	237	234	231	226	220	216	211	208	205	205	206	210	217				
135	269	266	262	258	254	249	245	242	239	237	236	236	239	244	251				
140	289	286	284	281	277	274	271	269	267	266	266	268	271	276	283				
145	310	307	305	303	301	299	297	296	295	295	296	298	302	308	315				
150	331	329	327	326	325	323	323	322	323	324	325	328	332	338	344				
155	352	350	349	348	348	347	348	348	349	351	353	356	361	366	372				
160	373	372	371	371	370	371	372	373	375	377	379	383	387	391	397				
165	394	393	393	393	393	394	394	396	397	399	402	405	409	412	417				
170	415	415	415	415	415	416	417	418	419	421	423	425	428	430	433				
175	436	436	436	436	437	437	438	439	439	441	442	443	444	446	447				
180	457	457	457	457	457	457	457	457	457	457	457	457	457	457	457				

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