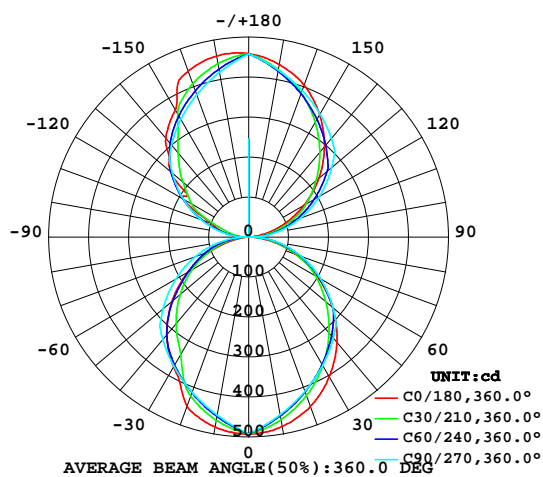


LUMINAIRE PHOTOMETRIC TEST REPORT

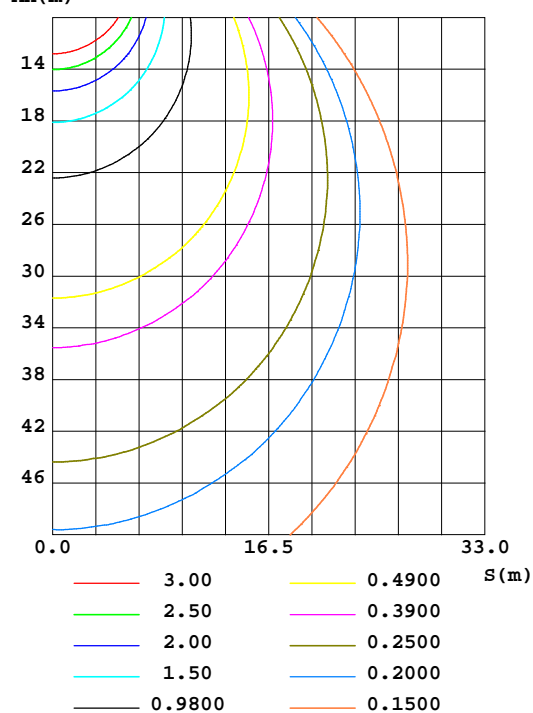
Test:U:120.1V I:0.1630A P:19.40W PF:0.9890 Lamp Flux:2460.23x1 lm					
NAME: 二代线条灯			TYPE:上下发光 白色外壳		WEIGHT:
DIM.: 2FT			SPEC.:4000K		SERIAL No.:YQ2107-7
MFR.: YQ			SUR.:0.171*1.13m		PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 126.82 lm/W			
MODEL		I _{max} (cd)	492.7	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)	2460.2	η UP,DN(C0-180)	24.9,25.7
NOMINAL FLUX(lm)	2460.23	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	23.5,25.9
LAMPS INSIDE	1	η up(%)	48.4	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120.1	η down(%)	51.6	CIBSE SHR MAX	1.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



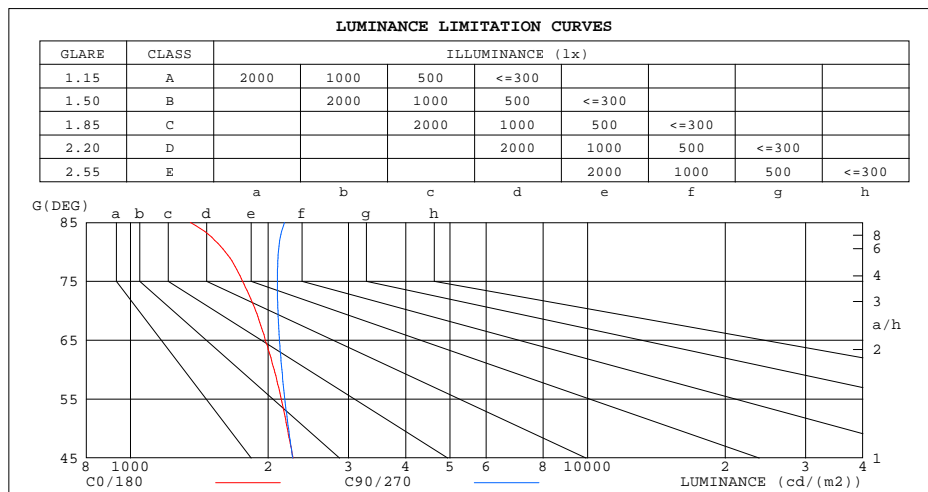
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:26.3DEG
 Operators:Ethan
 Test Date:2021-08-16

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	$\#lum, lamp$
5	489.8	476.3	471.8	477.1	489.8	477.6	472.4	476.8	0- 5	11.55	11.55	0.47,0.47
10	481.1	458.3	451.5	459.1	482.2	459.9	452.6	459.3	5- 10	33.58	45.14	1.83,1.83
15	467.7	437.6	431.2	438.4	469.9	439.5	432.9	439.1	10- 15	53.61	98.74	4.01,4.01
20	451.2	415.4	410.9	416.0	450.6	417.6	413.2	417.6	15- 20	71.20	169.9	6.91,6.91
25	429.4	392.0	390.6	392.1	405.9	393.1	393.5	394.9	20- 25	85.72	255.7	10.4,10.4
30	403.2	367.8	370.3	364.4	375.6	358.2	373.8	371.3	25- 30	96.57	352.2	14.3,14.3
35	374.1	341.9	350.0	330.0	348.7	314.5	354.1	346.6	30- 35	104.5	456.7	18.6,18.6
40	343.5	316.1	329.7	294.8	319.4	279.8	334.4	321.4	35- 40	109.5	566.2	23,23
45	309.8	290.0	309.4	261.2	285.8	254.9	314.6	296.2	40- 45	111.5	677.7	27.5,27.5
50	273.9	264.1	275.3	230.1	250.8	230.1	279.9	271.8	45- 50	110.0	787.7	32,32
55	236.9	238.2	241.2	202.1	213.8	205.0	245.2	246.6	50- 55	104.4	892.1	36.3,36.3
60	199.2	201.2	207.1	170.3	175.9	173.2	210.5	209.2	55- 60	95.43	987.5	40.1,40.1
65	161.1	165.6	173.0	140.1	138.0	142.1	175.8	172.5	60- 65	83.90	1071	43.5,43.5
70	124.2	131.0	138.9	110.7	99.52	112.1	141.1	137.2	65- 70	70.33	1142	46.4,46.4
75	88.00	98.21	104.8	82.60	63.41	83.31	106.3	103.2	70- 75	55.34	1197	48.7,48.7
80	54.09	66.18	70.70	55.54	29.75	55.37	71.62	70.35	75- 80	39.69	1237	50.3,50.3
85	22.77	35.02	36.60	29.15	4.358	28.37	36.90	38.23	80- 85	24.07	1261	51.2,51.2
90	5.076	4.262	2.498	3.259	2.373	1.833	2.183	6.473	85- 90	9.219	1270	51.6,51.6
95	3.052	31.23	36.12	32.15	32.90	27.20	33.12	31.01	90- 95	8.784	1279	52,52
100	27.09	58.73	69.74	61.45	59.74	52.64	64.06	56.02	95-100	22.58	1301	52.9,52.9
105	60.12	87.06	103.4	91.39	80.44	77.98	95.00	81.93	100-105	37.06	1338	54.4,54.4
110	91.99	116.7	137.0	123.3	97.84	103.4	125.9	108.9	105-110	51.26	1390	56.5,56.5
115	125.5	147.8	170.6	158.7	137.0	131.2	156.9	137.7	110-115	65.18	1455	59.1,59.1
120	160.1	180.5	204.2	197.4	188.7	159.9	187.8	168.2	115-120	78.35	1533	62.3,62.3
125	195.0	214.7	237.8	240.8	188.5	190.6	218.7	199.8	120-125	89.19	1622	65.9,65.9
130	229.4	238.1	271.5	269.2	255.5	222.0	249.7	224.1	125-130	97.97	1720	69.9,69.9
135	262.7	261.9	305.1	292.2	281.1	256.1	280.6	249.2	130-135	103.3	1824	74.1,74.1
140	295.1	286.3	322.2	315.5	322.9	293.4	300.4	274.5	135-140	104.8	1929	78.4,78.4
145	325.7	310.7	339.2	345.6	346.6	328.4	320.2	300.3	140-145	103.0	2032	82.6,82.6
150	354.8	335.2	356.3	367.2	367.8	353.4	340.0	325.9	145-150	98.31	2130	86.6,86.6
155	381.5	358.9	373.4	387.3	421.4	378.0	359.7	351.0	150-155	91.09	2221	90.3,90.3
160	404.7	380.8	390.5	405.8	442.1	398.2	379.5	374.5	155-160	80.55	2302	93.6,93.6
165	423.6	402.3	407.5	422.2	453.4	416.3	399.3	397.5	160-165	66.56	2368	96.3,96.3
170	439.0	422.4	424.6	436.7	460.0	433.2	419.1	419.5	165-170	50.02	2418	98.3,98.3
175	450.9	441.9	441.7	448.9	461.9	447.5	438.8	439.8	170-175	31.30	2449	99.6,99.6
180	458.8	458.8	458.8	458.8	458.6	458.6	458.6	458.6	175-180	10.77	2460	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1352	2173
80	1612	2107
75	1760	2096
70	1880	2102
65	1973	2119
60	2062	2144
55	2138	2177
50	2205	2217
45	2268	2265

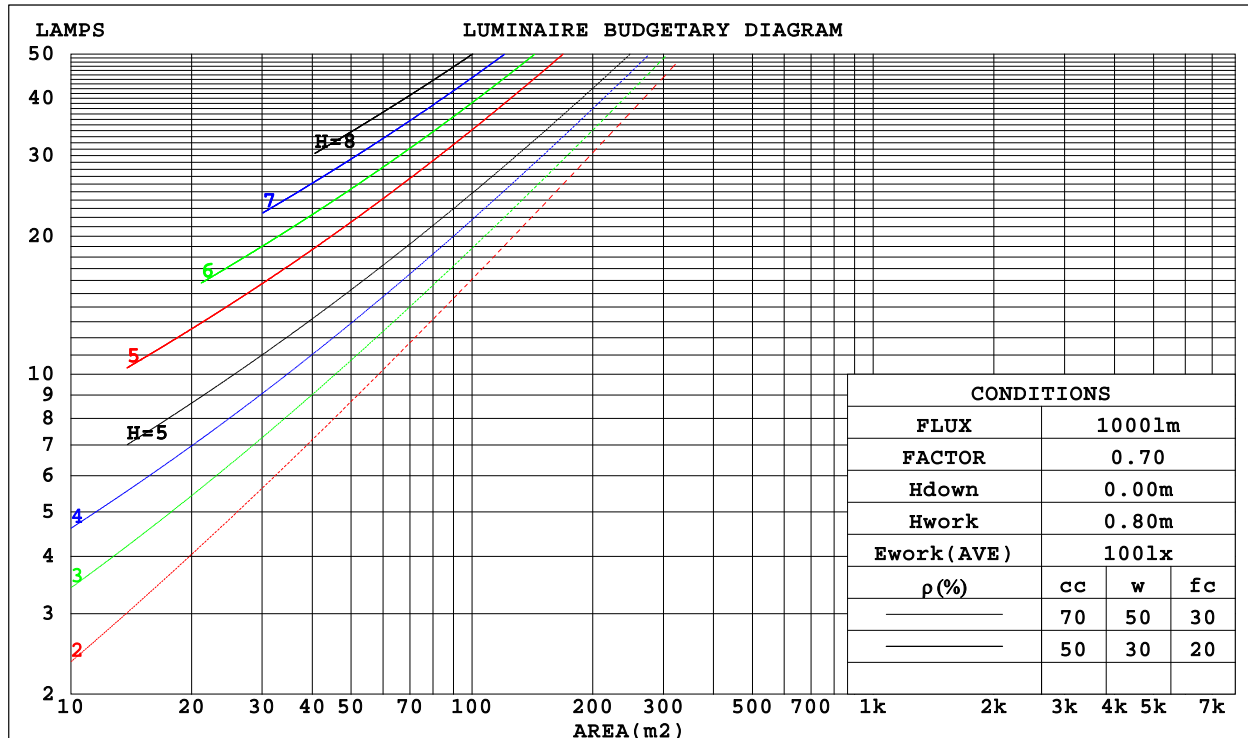
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 26.3DEG
Operators: Ethan
Test Date: 2021-08-16

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:120.1V I:0.1630A P:19.40W PF:0.9890 Lamp Flux:2460.23x1 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	.99	.99	.99	.84	.84	.84	.70	.70	.70	.58	.58	.58	.52
1.0	.93	.89	.86	.86	.83	.80	.73	.71	.69	.61	.60	.58	.50	.49	.48	.43
2.0	.81	.75	.70	.75	.70	.65	.64	.60	.56	.54	.51	.48	.44	.42	.40	.36
3.0	.71	.64	.58	.66	.60	.54	.56	.51	.47	.47	.44	.41	.39	.36	.34	.30
4.0	.63	.55	.49	.59	.51	.46	.50	.45	.40	.42	.38	.35	.35	.32	.29	.26
5.0	.56	.48	.42	.52	.45	.39	.45	.39	.35	.38	.33	.30	.31	.28	.25	.22
6.0	.50	.42	.36	.47	.39	.34	.40	.34	.30	.34	.30	.26	.28	.25	.22	.19
7.0	.45	.37	.32	.42	.35	.30	.36	.31	.27	.31	.26	.23	.26	.22	.20	.17
8.0	.41	.33	.28	.38	.31	.26	.33	.28	.24	.28	.24	.21	.24	.20	.18	.15
9.0	.38	.30	.25	.35	.28	.24	.30	.25	.21	.26	.22	.18	.22	.18	.16	.14
10.0	.35	.27	.22	.32	.26	.21	.28	.23	.19	.24	.20	.17	.20	.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 3:7

WEC AND CCEC

Test:U:120.1V I:0.1630A P:19.40W PF:0.9890 Lamp Flux:2460.23x1 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	.289	.164	.052	.267	.152	.048	.227	.130	.042	.189	.109	.035	.155	.090	.029	
2.0	.267	.146	.045	.247	.136	.042	.211	.117	.036	.177	.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	.068	.021	
5.0	.210	.107	.031	.195	.100	.029	.167	.087	.026	.140	.074	.022	.115	.062	.019	
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	.145	.073	.021	.122	.062	.018	.100	.052	.015	
8.0	.170	.083	.023	.158	.078	.022	.135	.068	.019	.114	.058	.017	.094	.048	.014	
9.0	.160	.077	.022	.148	.072	.020	.127	.063	.018	.107	.054	.015	.089	.045	.013	
10.0	.150	.072	.020	.140	.068	.019	.120	.059	.017	.101	.050	.014	.084	.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	.559	.559	.559	.478	.478	.478	.326	.326	.326	.187	.187	.187	.060	.060	.060	
1.0	.550	.528	.508	.471	.453	.437	.322	.312	.302	.185	.180	.176	.059	.058	.057	
2.0	.543	.506	.475	.465	.436	.411	.319	.301	.286	.184	.175	.168	.059	.057	.055	
3.0	.536	.490	.454	.460	.423	.393	.315	.294	.276	.182	.172	.163	.059	.056	.053	
4.0	.529	.478	.439	.454	.413	.382	.312	.288	.269	.181	.169	.159	.058	.055	.052	
5.0	.523	.469	.429	.449	.406	.373	.309	.283	.264	.179	.166	.156	.058	.054	.052	
6.0	.516	.461	.422	.444	.400	.368	.306	.280	.260	.178	.165	.155	.057	.054	.051	
7.0	.510	.455	.417	.439	.395	.363	.303	.277	.257	.176	.163	.153	.057	.053	.051	
8.0	.504	.450	.413	.434	.390	.360	.300	.274	.255	.175	.162	.152	.057	.053	.050	
9.0	.499	.446	.409	.430	.387	.357	.298	.272	.254	.174	.161	.151	.056	.053	.050	
10.0	.494	.442	.407	.426	.384	.355	.295	.270	.252	.172	.160	.151	.056	.052	.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 3:7

Uncorrected UGR Table

Test:U:120.1V I:0.1630A P:19.40W PF:0.9890 Lamp Flux:2460.23x1 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	12H	12.1	13.0	12.9	13.9	14.9	12.6	13.6	13.4	14.4	15.5
	8H	13.4	14.3	14.3	15.2	16.3	14.2	15.1	15.1	15.9	17.1
	6H	14.0	14.8	14.9	15.7	16.8	14.9	15.7	15.8	16.6	17.7
	4H	14.4	15.1	15.3	16.0	17.2	15.5	16.2	16.4	17.1	18.3
	3H	14.5	15.2	15.4	16.1	17.3	15.7	16.4	16.6	17.3	18.5
	2H	14.6	15.2	15.5	16.2	17.3	15.9	16.6	16.8	17.5	18.7
4H	12H	12.6	13.4	13.5	14.3	15.4	13.0	13.8	13.9	14.7	15.9
	8H	14.2	14.9	15.1	15.8	17.0	14.8	15.5	15.7	16.4	17.6
	6H	14.9	15.5	15.8	16.4	17.6	15.7	16.3	16.6	17.2	18.4
	4H	15.4	15.9	16.3	16.9	18.1	16.4	16.9	17.3	17.9	19.1
	3H	15.6	16.1	16.5	17.0	18.3	16.7	17.2	17.6	18.1	19.4
	2H	15.7	16.1	16.6	17.1	18.3	16.9	17.3	17.9	18.3	19.6
8H	12H	15.2	15.6	16.1	16.6	17.9	15.8	16.3	16.8	17.3	18.5
	8H	15.9	16.3	16.8	17.2	18.5	16.7	17.1	17.7	18.1	19.4
	6H	16.1	16.5	17.1	17.5	18.8	17.1	17.5	18.1	18.5	19.8
	4H	16.3	16.6	17.3	17.6	19.0	17.5	17.8	18.5	18.8	20.1
12H	12H	15.2	15.6	16.1	16.6	17.8	15.8	16.3	16.8	17.2	18.5
	8H	15.9	16.3	16.9	17.3	18.6	16.8	17.1	17.8	18.1	19.4
	6H	16.3	16.6	17.3	17.6	18.9	17.2	17.5	18.2	18.5	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		+ 0.1 / - 0.2					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 2460 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.1)

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

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.268
 Humidity:36%
 Test Distance:6.770m [K=1.0000]
 Remarks: 聚鑫德源 AI40D2C-421000
 源磊A+ 13S5P/13S10P
 E款 3:7

UTILIZATION FACTORS TABLE

Test:U:120.1V I:0.1630A P:19.40W PF:0.9890 Lamp Flux:2460.23x1 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:

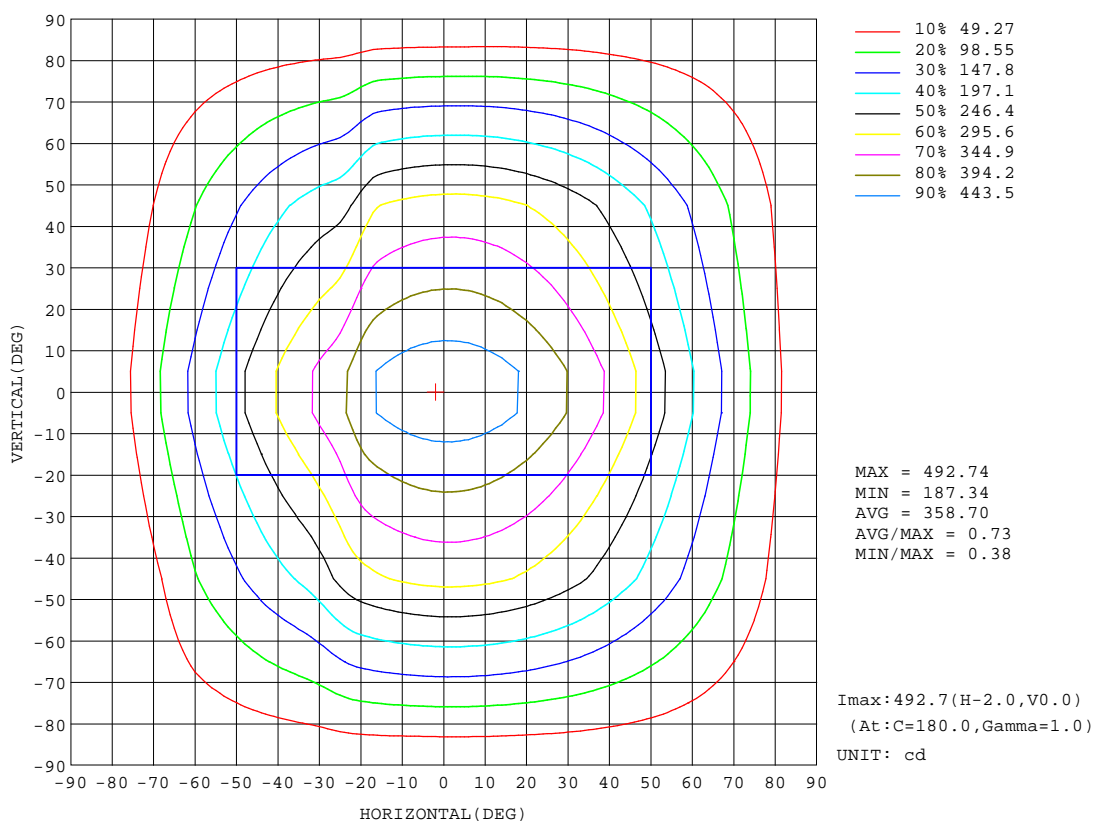
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	44	33	27	42	32	26	38	29	24	17
0.80	54	42	35	50	40	34	45	36	31	21
1.00	61	50	43	58	47	41	51	44	37	25
1.25	68	57	50	64	54	47	56	48	43	29
1.50	73	63	55	69	59	53	59	52	47	32
2.00	81	71	64	75	67	61	65	59	54	36
2.50	85	76	70	79	72	66	68	62	58	38
3.00	88	81	75	82	75	70	70	66	62	40
4.00	93	86	81	86	81	76	74	70	66	42
5.00	96	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 System:EVERFINE GO-2000B_V1 SYSTEM V2.0.268
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 Test Distance:6.770m [K=1.0000]
 Remarks: 聚鑫德源 AI40D2C-421000
 源磊A+ 13S5P/13S10P
 E款 3:7

ISOCANDELA DIAGRAM

Test:U:120.1V I:0.1630A P:19.40W PF:0.9890 Lamp Flux:2460.23x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:4000K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:



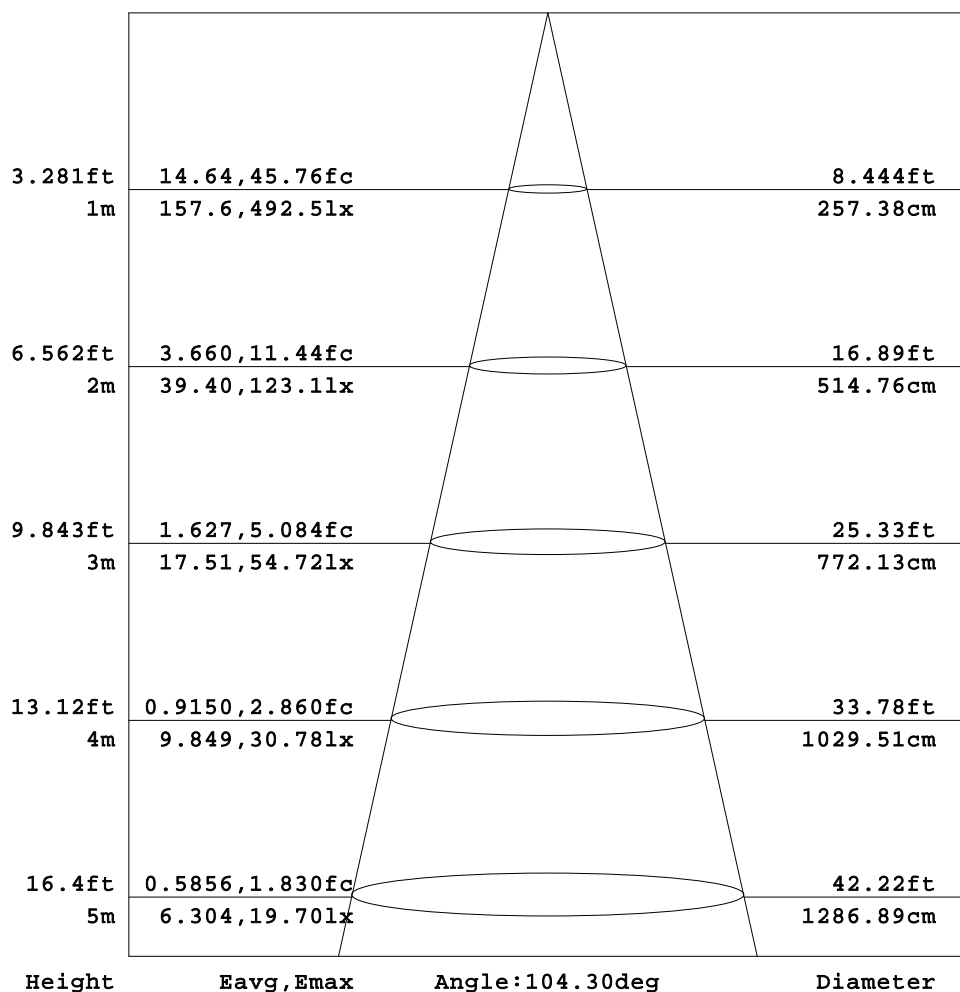
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:26.3DEG
Operators:Ethan
Test Date:2021-08-16

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.268
Humidity:36%
Test Distance:6.770m [K=1.0000]
Remarks: 聚鑫德源 AI40D2C-421000
源磊A+ 13S5P/13S10P
E款 3:7

AAI Figure

Test:U:120.1V I:0.1630A P:19.40W PF:0.9890 Lamp Flux:2460.23x1 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:840.8 lm



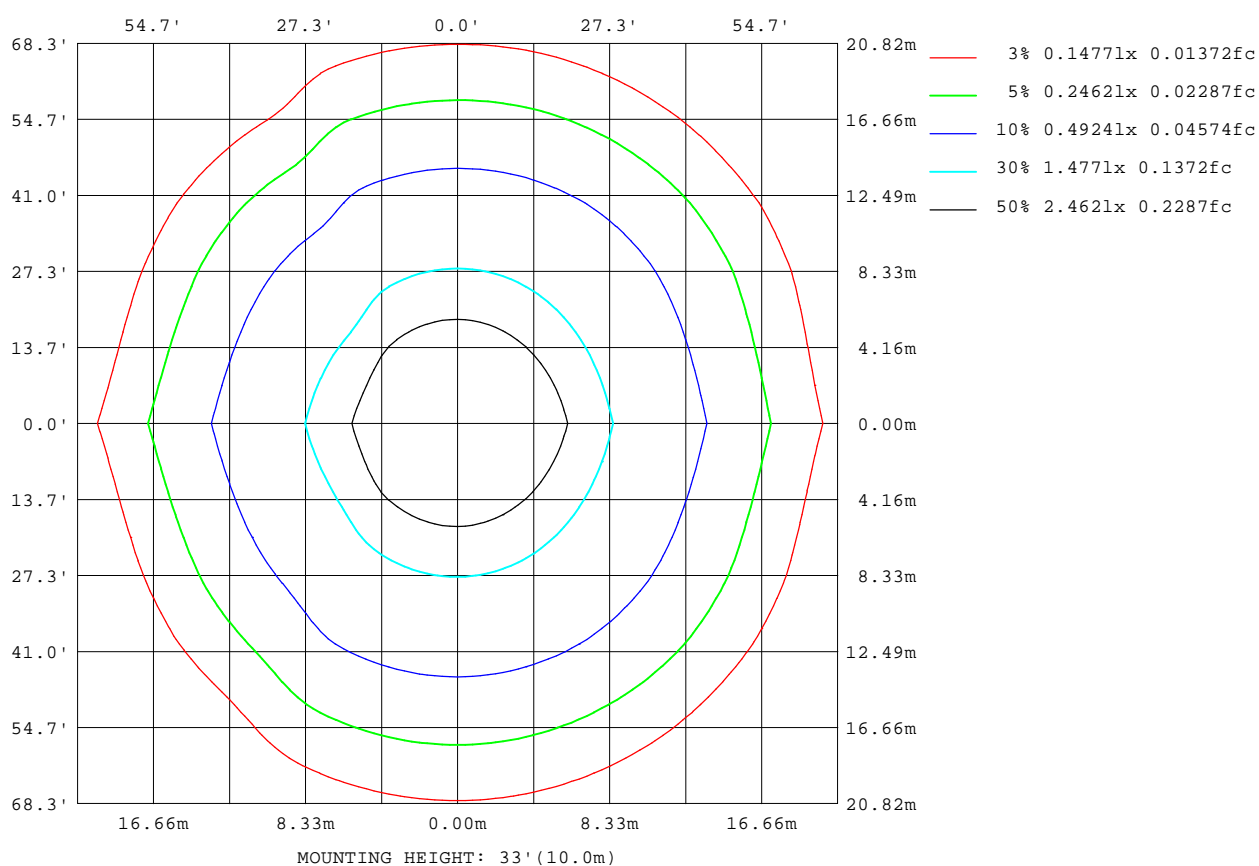
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

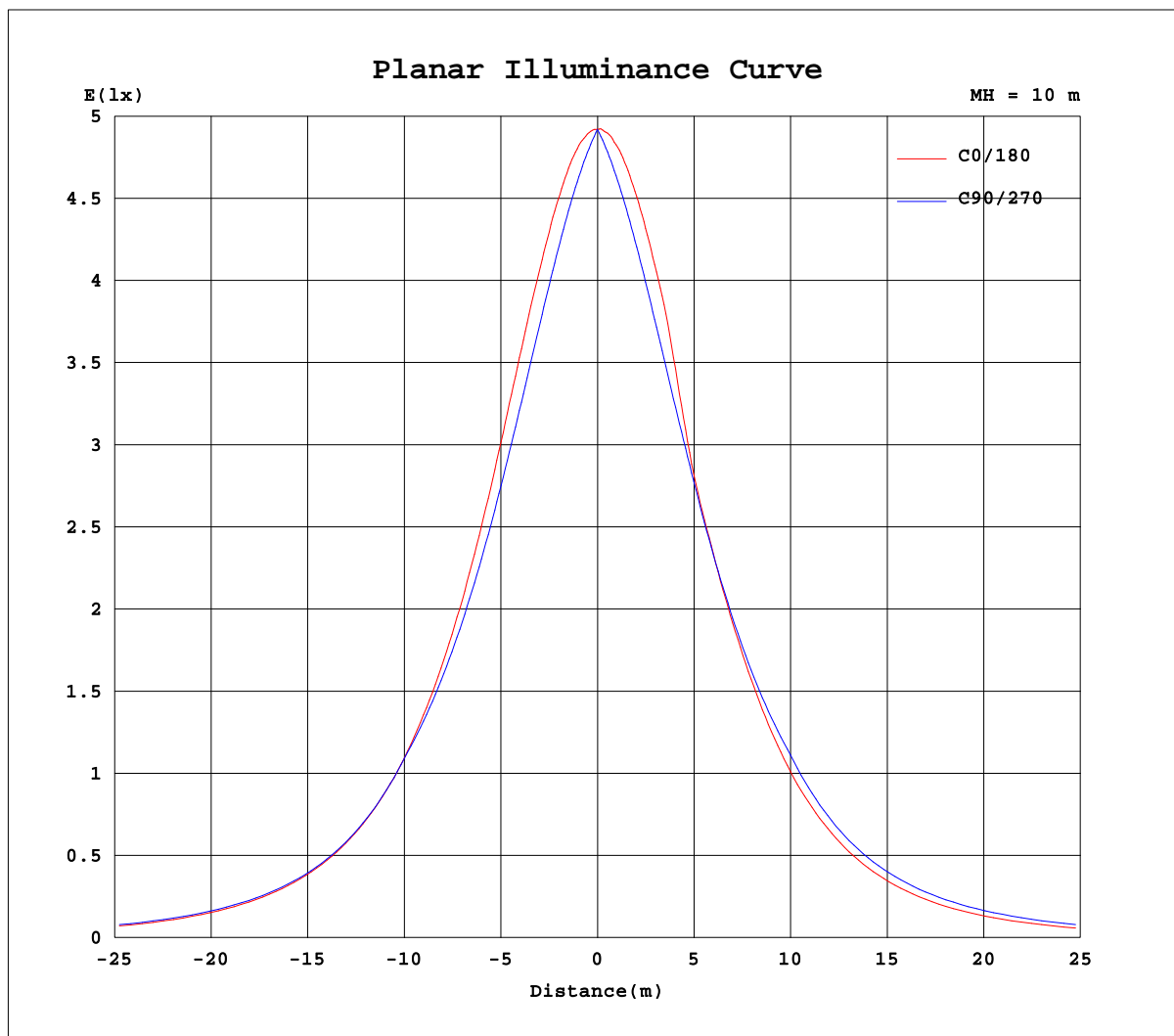
Test:U:120.1V I:0.1630A P:19.40W PF:0.9890 Lamp Flux:2460.23x1 lm		
NAME: 二代线条灯	TYPE:上下发光 白色外壳	WEIGHT:
DIM.: 2FT	SPEC.:4000K	SERIAL No.:YQ2107-7
MFR.: YQ	SUR.:0.171*1.13m	PROTECTION ANGLE:



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

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.268
Humidity: 36%
Test Distance: 6.770m [K=1.0000]
Remarks: 聚鑫德源 AI40D2C-421000
源磊A+ 13S5P/13S10P
E款 3:7

Planar Illuminance Curve



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

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.268
Humidity: 36%
Test Distance: 6.770m [K=1.0000]
Remarks: 聚鑫德源 AI40D2C-421000
源磊 A+ 13S5P/13S10P
E款 3:7

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.1V I:0.1630A P:19.40W PF:0.9890 Lamp Flux:2460.23x1 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(DEC) γ (DEC)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	492	492	492	492	492	492	492	492	492	492	492	492	492	492	492	492	492	492	492
5	490	488	486	485	483	481	480	478	477	476	476	475	474	473	473	473	472	472	472
10	481	478	474	471	469	466	464	462	460	458	457	456	455	453	453	452	452	452	451
15	468	463	458	454	450	447	445	442	439	438	436	435	434	433	433	432	432	431	431
20	451	445	439	434	430	426	422	419	417	415	414	413	412	412	411	411	411	411	411
25	429	422	415	409	405	401	398	396	394	392	391	390	390	390	390	390	390	391	391
30	403	395	387	382	377	373	371	369	368	368	368	367	368	368	369	370	370	370	370
35	374	365	357	351	347	344	342	342	341	342	343	344	345	346	348	349	349	350	350
40	343	333	325	320	316	314	313	313	314	316	318	320	323	324	326	328	329	330	330
45	310	299	291	286	283	282	283	284	287	290	293	296	300	302	305	307	308	309	309
50	274	263	255	251	249	250	252	255	260	264	269	273	275	275	275	275	275	275	275
55	237	226	219	216	216	218	222	227	233	238	239	239	239	240	240	241	241	241	241
60	199	189	183	181	183	187	192	199	200	201	202	204	204	205	206	206	207	207	207
65	161	151	147	147	151	157	162	162	164	166	167	169	170	171	172	172	173	173	173
70	124	115	113	115	122	124	126	127	129	131	133	135	136	137	138	138	139	139	139
75	88.0	80.5	81.1	86.4	88.2	90.3	92.2	94.5	96.3	98.2	99.9	101	102	103	104	104	105	105	105
80	54.1	49.1	53.4	55.1	57.1	59.3	61.4	63.2	64.7	66.2	67.4	68.4	69.3	69.7	70.2	70.4	70.7	70.8	70.7
85	22.8	22.4	25.7	28.1	29.8	31.2	32.5	33.5	34.3	35.0	35.6	36.1	36.4	36.5	36.6	36.6	36.7	36.8	36.6
90	5.08	4.93	4.92	4.89	4.85	4.79	4.68	4.56	4.42	4.26	4.08	3.85	3.61	3.36	3.07	2.85	2.76	2.73	2.50
95	3.05	4.32	13.3	20.1	23.5	25.7	27.4	29.0	30.2	31.2	32.1	32.9	33.5	34.1	34.5	34.9	35.4	35.9	36.1
100	27.1	25.7	33.7	40.7	44.8	48.2	51.4	54.3	56.7	58.7	60.6	62.2	63.6	64.9	66.0	67.1	68.1	69.1	69.7
105	60.1	55.6	59.1	66.2	70.3	73.8	77.9	81.2	84.2	87.1	89.7	92.0	94.1	96.0	97.7	99.3	101	102	103
110	92.0	86.1	86.5	91.2	98.5	103	107	110	113	117	120	122	125	127	130	132	134	135	137
115	125	118	117	119	125	133	139	142	145	148	151	154	157	160	162	164	167	169	171
120	160	152	149	150	153	159	167	175	178	181	183	186	189	192	195	197	200	202	204
125	195	187	182	182	183	187	193	200	207	215	217	220	222	225	228	230	233	235	238
130	229	221	216	214	214	216	220	226	232	238	245	252	256	259	261	264	266	269	271
135	263	254	249	246	245	246	249	252	257	262	268	273	279	285	289	294	299	302	305
140	295	287	281	278	276	276	277	279	282	286	291	295	300	304	308	312	316	319	322
145	326	318	313	309	306	305	305	306	308	311	314	317	321	324	327	331	334	336	339
150	355	348	342	338	335	333	333	333	334	335	337	339	341	343	346	349	352	354	356
155	381	375	370	366	363	361	359	359	359	359	359	360	362	363	365	367	369	371	373
160	405	400	395	392	389	386	384	383	382	381	381	381	382	383	384	386	387	389	390
165	424	420	416	413	410	407	405	404	403	402	402	402	402	403	403	404	405	406	408
170	439	436	434	431	429	427	426	425	423	422	422	422	422	422	422	423	423	424	425
175	451	449	448	447	446	445	444	443	443	442	441	441	441	441	441	441	441	441	442
180	459	459	459	459	459	459	459	459	459	459	459	459	459	459	459	459	459	459	459

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:120.1V I:0.1630A P:19.40W PF:0.9890 Lamp Flux:2460.23x1 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(DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	492	492	492	492	492	492	492	492	492	492	492	492	492	492	492	492	492	492	492
5	472	473	473	473	473	474	475	476	477	478	480	481	482	483	485	486	488	490	488
10	452	452	452	453	454	455	456	458	459	461	463	465	467	470	473	476	479	482	479
15	432	432	432	432	434	434	435	437	438	440	443	446	449	452	456	460	465	470	465
20	411	411	411	412	412	413	414	415	416	418	420	423	426	430	434	439	444	451	444
25	391	391	391	390	390	390	390	391	392	393	393	392	391	391	392	395	399	406	398
30	370	370	369	369	368	367	367	366	364	360	354	350	348	350	354	360	367	376	366
35	350	349	348	347	345	344	342	338	330	321	316	314	315	318	323	330	338	349	339
40	329	328	327	325	323	320	316	306	295	287	283	281	283	287	292	299	308	319	308
45	309	307	305	303	300	296	288	274	261	254	252	251	253	255	259	266	274	286	275
50	275	274	273	273	272	270	258	241	230	225	223	221	221	221	224	230	239	251	239
55	241	240	239	239	237	232	220	207	202	198	195	191	189	188	189	194	202	214	202
60	207	206	205	204	203	195	182	173	170	169	167	161	157	155	155	157	164	176	164
65	173	172	171	170	168	159	148	142	140	138	135	132	127	123	121	120	126	138	127
70	138	138	137	136	134	125	116	113	111	108	104	101	97.5	92.6	85.0	82.6	87.0	99.5	89.9
75	104	104	104	103	100	93.1	87.0	84.7	82.6	79.7	76.5	73.3	69.2	60.6	51.3	48.4	51.8	63.4	55.5
80	70.5	70.3	70.2	69.7	67.7	62.5	58.8	57.1	55.5	53.3	50.8	48.0	43.3	35.4	27.5	20.2	21.5	29.7	24.5
85	36.5	36.6	36.7	36.5	35.6	32.9	31.3	30.1	29.2	27.9	26.6	25.0	21.9	17.4	12.7	7.41	3.02	4.36	4.09
90	2.48	2.79	3.22	3.44	3.71	3.90	3.98	3.34	3.26	3.28	3.33	3.30	3.29	3.22	3.13	3.13	2.98	2.37	2.78
95	36.5	37.0	37.5	37.8	38.1	38.2	36.8	33.7	32.2	31.6	30.8	29.3	27.6	27.6	28.6	29.3	31.3	32.9	13.4
100	70.4	71.2	71.8	72.2	72.6	72.7	70.1	64.7	61.4	60.4	59.0	56.7	53.6	52.8	55.2	58.6	54.8	59.7	39.3
105	104	105	106	107	107	107	105	97.1	91.4	90.3	88.3	86.2	82.4	80.2	81.9	76.6	75.4	80.4	64.4
110	138	139	141	141	142	142	140	132	123	121	120	118	116	112	105	101	98.6	97.8	86.6
115	172	174	175	176	177	177	177	169	159	153	153	152	149	143	139	138	140	137	127
120	206	208	209	211	212	213	214	208	197	189	186	181	177	175	174	176	182	189	172
125	240	242	244	245	247	248	250	249	241	225	212	206	204	204	207	212	219	188	179
130	274	276	278	280	282	284	284	279	269	256	244	236	230	229	234	240	249	255	243
135	307	308	309	309	308	306	305	299	292	285	277	270	266	264	263	265	271	281	270
140	324	326	326	327	327	326	325	324	316	309	305	301	299	298	300	305	312	323	310
145	341	343	344	345	345	345	345	346	346	339	330	327	327	327	329	333	339	347	335
150	358	360	361	362	363	364	365	366	367	369	369	365	359	355	355	357	362	368	359
155	375	377	378	380	381	383	384	386	387	389	392	395	398	402	406	409	413	421	414
160	392	393	395	396	398	400	402	404	406	408	411	414	417	421	425	430	435	442	435
165	408	410	411	413	415	416	418	420	422	425	427	430	433	437	440	444	448	453	448
170	425	426	427	429	430	432	433	435	437	439	441	443	446	448	451	453	456	460	456
175	442	442	443	444	444	445	447	448	449	450	451	453	454	455	457	458	460	462	460
180	459	459	459	459	459	459	459	459	459	459	459	459	459	459	459	459	459	459	459

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:120.1V I:0.1630A P:19.40W PF:0.9890 Lamp Flux:2460.23x1 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	492	492	492	492	492	492	492	492	492	492	492	492	492	492	492	492	492	492	492
5	487	485	484	482	481	480	479	478	477	476	475	474	474	473	473	473	472	473	473
10	476	473	470	468	466	463	461	460	458	457	456	455	454	454	453	453	453	453	453
15	460	456	453	449	446	444	442	440	438	437	436	435	434	434	433	433	433	433	433
20	438	434	430	427	424	421	419	418	416	415	414	414	414	413	414	413	413	414	414
25	392	388	386	386	387	390	392	393	393	393	393	393	393	393	393	393	394	394	394
30	358	351	346	341	340	343	350	358	365	369	370	371	372	373	373	374	374	374	374
35	330	323	318	314	310	308	308	314	327	339	347	349	350	352	353	354	354	354	354
40	300	293	288	285	282	281	280	280	287	302	319	326	329	331	333	334	334	335	334
45	266	260	256	254	253	254	254	255	255	264	285	303	307	310	312	314	315	315	314
50	231	225	223	223	224	226	228	230	232	234	248	269	277	278	279	279	280	281	281
55	194	190	189	190	194	198	202	205	205	204	209	229	242	243	244	245	245	246	246
60	158	156	156	159	164	170	172	173	174	174	175	190	206	208	209	210	210	211	211
65	122	122	125	129	134	137	140	142	144	144	144	154	170	174	175	175	176	176	177
70	87.7	89.9	94.9	99.1	102	106	109	112	114	115	115	121	135	139	140	141	141	142	142
75	55.5	60.6	65.7	70.0	73.9	77.1	80.4	83.3	85.1	86.3	86.7	89.7	100	105	105	106	106	107	108
80	28.0	34.7	40.3	44.5	48.0	50.7	53.1	55.4	56.9	57.8	58.3	59.9	67.0	70.3	71.0	71.5	71.6	72.2	73.0
85	10.1	15.9	19.6	22.3	24.3	25.9	27.1	28.4	29.1	29.7	30.1	30.8	34.3	36.1	36.6	36.9	36.9	37.5	38.5
90	2.41	2.21	2.06	1.97	1.96	1.87	1.74	1.83	1.71	1.75	1.88	1.99	2.00	2.01	2.23	2.31	2.18	2.83	3.95
95	13.3	16.1	18.4	21.7	21.7	22.3	27.4	27.2	27.0	27.8	30.6	33.0	33.3	33.7	33.5	33.4	33.1	33.4	34.0
100	30.4	33.3	37.9	43.7	40.7	45.1	53.6	52.6	52.5	54.3	59.9	64.0	64.8	65.3	64.7	64.4	64.1	63.9	64.1
105	56.0	56.7	63.1	65.7	60.3	73.1	79.7	78.0	78.6	81.8	90.3	95.1	96.6	96.9	95.9	95.5	95.0	94.5	94.3
110	83.0	87.2	92.2	83.4	88.2	106	106	103	105	111	122	126	129	128	127	127	126	125	124
115	124	122	112	109	130	136	133	131	133	143	156	158	161	160	158	158	157	156	155
120	156	138	137	156	165	163	159	160	164	178	189	190	193	192	190	189	188	186	185
125	178	186	192	191	187	186	188	191	201	216	222	223	226	223	221	220	219	217	216
130	234	227	219	216	215	215	215	222	237	253	254	258	257	254	252	251	250	248	246
135	261	255	252	249	245	243	247	256	271	278	280	285	285	283	282	282	281	278	276
140	299	290	283	277	275	276	281	293	302	302	306	307	305	303	302	302	300	298	296
145	326	318	312	308	308	313	324	328	327	328	329	327	325	324	323	321	320	318	316
150	352	348	347	351	356	358	355	353	353	352	350	348	346	344	343	341	340	338	336
155	407	402	397	391	387	383	380	378	375	373	370	368	366	364	363	361	360	358	357
160	429	423	418	413	409	405	402	398	395	392	390	388	386	384	383	381	380	378	377
165	443	439	434	430	426	423	419	416	414	411	409	407	405	404	402	401	399	398	397
170	453	450	447	444	441	438	436	433	431	429	427	426	424	422	421	420	419	419	418
175	458	457	455	453	452	451	449	448	446	445	444	443	442	441	440	439	439	439	439
180	459	459	459	459	459	459	459	459	459	459	459	459	459	459	459	459	459	459	459

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:120.1V I:0.1630A P:19.40W PF:0.9890 Lamp Flux:2460.23x1 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	492	492	492	492	492	492	492	492	492	492	492	492	492	492	492				
5	473	473	474	475	475	476	477	478	479	480	482	483	485	486	488				
10	454	454	455	456	457	458	459	461	463	465	467	469	472	475	478				
15	434	434	435	436	437	438	439	441	443	446	448	451	455	459	463				
20	414	414	414	415	415	417	418	419	421	424	427	431	435	440	445				
25	394	394	394	394	394	394	395	397	398	400	403	406	411	416	422				
30	374	373	373	372	371	372	371	372	372	374	376	379	383	388	395				
35	353	353	352	350	349	348	347	346	346	346	347	350	353	359	365				
40	333	332	330	329	326	324	321	319	318	317	317	319	322	327	334				
45	313	312	309	306	303	300	296	293	290	288	286	287	289	293	300				
50	282	282	282	282	281	276	272	267	262	258	255	254	254	258	264				
55	247	246	246	246	246	247	247	241	234	229	224	221	220	222	227				
60	212	211	211	211	210	210	209	208	208	200	194	188	186	186	190				
65	177	177	176	176	175	174	172	171	170	170	165	158	152	150	153				
70	142	142	142	141	140	139	137	136	134	133	132	129	121	116	117				
75	108	108	107	107	106	105	103	102	100.0	98.2	96.6	94.5	92.8	85.7	82.9				
80	73.4	73.5	73.4	73.0	72.5	71.5	70.4	69.3	67.7	66.2	64.5	62.1	60.5	59.2	52.3				
85	39.0	39.3	39.5	39.4	39.3	38.7	38.2	37.7	37.0	36.1	34.9	33.5	32.0	29.9	27.2				
90	4.62	5.20	5.65	5.97	6.22	6.25	6.47	6.75	6.96	7.12	7.23	7.27	7.27	7.25	7.22				
95	34.2	34.2	33.9	33.5	32.9	31.9	31.0	30.0	28.7	27.0	25.1	22.6	18.1	9.86	3.42				
100	63.8	63.2	62.4	61.1	59.8	58.0	56.0	54.0	51.4	48.1	44.6	40.6	34.9	25.7	21.0				
105	93.4	92.4	91.0	89.1	87.1	84.8	81.9	79.1	75.7	71.5	67.4	63.0	58.2	52.8	51.8				
110	123	122	120	118	115	112	109	106	102	98.2	93.7	89.1	83.8	81.3	83.0				
115	153	152	149	147	144	141	138	134	131	128	122	116	112	112	116				
120	184	182	179	177	174	171	168	165	162	155	150	145	143	144	149				
125	214	212	210	207	205	202	200	194	187	182	179	176	176	178	184				
130	245	243	241	239	235	230	224	219	214	210	208	207	209	212	219				
135	273	270	266	262	258	253	249	245	242	240	238	239	241	246	252				
140	294	291	288	285	281	278	274	272	270	269	269	270	273	278	285				
145	314	312	309	307	305	302	300	299	298	298	299	301	305	310	317				
150	334	333	331	329	328	327	326	325	325	326	328	330	335	340	346				
155	355	354	353	351	351	351	351	351	352	354	356	359	363	368	374				
160	376	375	374	374	374	374	374	376	378	380	382	385	389	394	399				
165	397	396	396	396	396	397	397	398	400	402	405	408	411	415	419				
170	417	417	417	417	418	418	419	420	422	424	426	428	430	433	436				
175	438	438	438	439	439	439	440	441	441	443	444	445	446	448	449				
180	459	459	459	459	459	459	459	459	459	459	459	459	459	459	459				

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