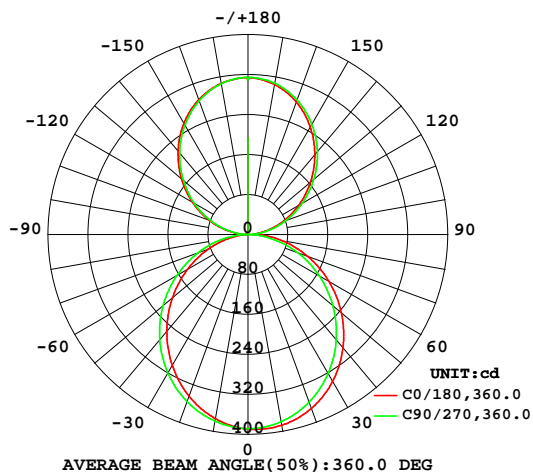


## LUMINAIRE PHOTOMETRIC TEST REPORT

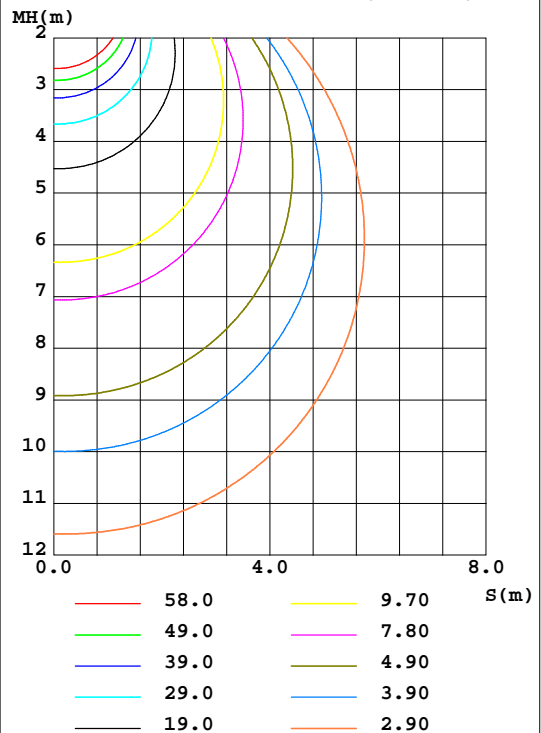
Test:U:24.00V I:1.765A P:42.38W PF:1.000 Freq:0Hz Lamp Flux:966.094x2 lm		
NAME: AH5060-15A90合成	TYPE:	WEIGHT:
SPEC.:AH5060-15A90合成	DIM.: 1500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:1500*50	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 45.63 lm/W			
MODEL	AH5060-15A90合成	I <sub>max</sub> (cd)	391.4	S/MH(C0/180)	1.17
NOMINAL POWER(W)	42.38	LOR(%)	100.1	S/MH(C90/270)	1.23
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	1933.7	h UP,DN(C0-180)	21.9,28.3
NOMINAL FLUX(lm)	966.094	CIE CLASS	DIFFUSE	h UP,DN(C180-360)	21.7,28.2
LAMPS INSIDE	2	h up(%)	43.6	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	h down(%)	56.5	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:JYH  
Test Date:

g Range: 0 - 180DEG  
Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

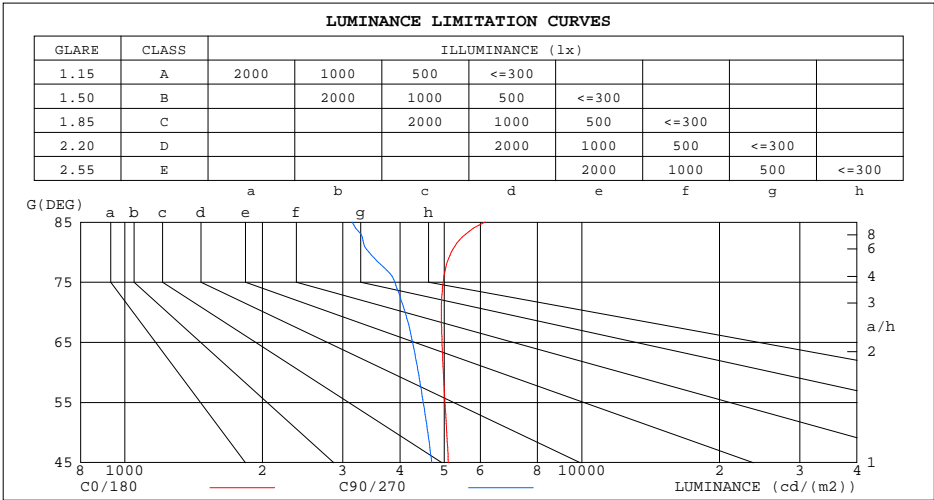
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	387.6	387.9	380.5	375.0	374.4	374.5	379.2	385.5	0~ 10	36.73	36.73	1.9,1.9
20	370.5	370.1	357.2	346.5	344.6	345.8	356.1	367.5	10~ 20	104.6	141.3	7.31,7.31
30	339.1	338.1	321.1	306.0	303.0	305.7	320.4	335.8	20~ 30	157.0	298.3	15.4,15.4
40	295.8	294.8	275.0	257.0	252.9	257.1	274.9	293.0	30~ 40	187.2	485.5	25.1,25.1
50	244.1	242.7	221.9	202.1	197.5	202.6	221.9	241.4	40~ 50	192.3	677.7	35,35.1
60	186.7	184.6	164.5	144.6	139.8	145.2	164.5	184.2	50~ 60	173.0	850.7	44,44
70	126.4	122.9	105.4	87.00	83.10	87.58	105.6	124.1	60~ 70	133.5	984.2	50.9,50.9
80	67.51	64.36	44.58	32.09	30.48	33.28	48.64	65.40	70~ 80	80.74	1065	55.1,55.1
90	17.23	14.13	2.532	1.114	1.339	1.310	1.914	13.30	80~ 90	26.98	1092	56.5,56.5
100	29.95	35.14	35.54	35.66	37.45	33.70	33.10	33.10	90~100	17.41	1109	57.4,57.4
110	72.29	78.42	79.27	79.47	81.25	77.35	76.70	76.42	100~110	58.85	1168	60.4,60.5
120	117.4	124.7	125.6	125.6	127.6	124.4	123.7	123.7	110~120	99.88	1268	65.6,65.6
130	163.6	171.1	172.1	171.8	173.8	168.9	168.6	168.3	120~130	131.6	1400	72.4,72.4
140	208.5	215.5	216.3	216.2	217.9	213.5	213.1	212.9	130~140	148.5	1548	80.1,80.1
150	249.2	255.0	255.5	255.7	256.9	253.5	252.9	252.8	140~150	146.9	1695	87.7,87.7
160	282.6	286.4	286.9	287.1	287.7	285.5	285.2	285.1	150~160	124.9	1820	94.1,94.2
170	305.0	307.1	307.5	307.5	307.3	306.7	306.7	306.5	160~170	83.98	1904	98.5,98.5
180	308.5	308.5	308.5	308.5	308.5	308.5	308.5	308.5	170~180	29.65	1934	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:JYH  
Test Date:

g Range: 0 - 180DEG  
g Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:1.765A P:42.38W PF:1.000 Freq:0Hz Lamp Flux:966.094x2 lm		
NAME: AH5060-15A90合成	TYPE:	WEIGHT:
SPEC.:AH5060-15A90合成	DIM.: 1500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:1500*50	Shielding Angle:



LUMINANCE cd/(m2)		
G(180)	C0/180	C90/270
85	6146	3144
80	5184	3423
75	4973	3901
70	4929	4108
65	4946	4265
60	4978	4387
55	5018	4499
50	5063	4602
45	5106	4697

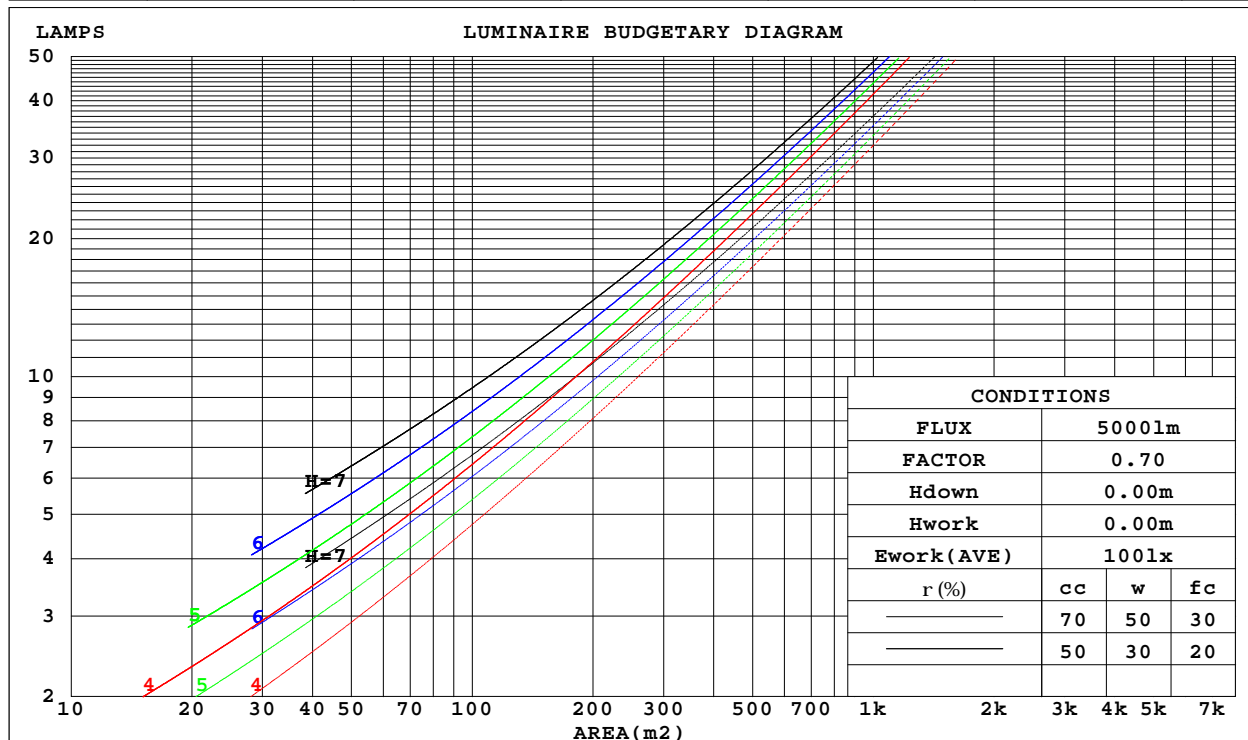
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:JYH  
Test Date:

g Range: 0 - 180DEG  
g Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:1.765A P:42.38W PF:1.000 Freq:0Hz Lamp Flux:966.094x2 lm		
NAME: AH5060-15A90合成	TYPE:	WEIGHT:
SPEC.:AH5060-15A90合成	DIM.: 1500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:1500*50	Shielding Angle:

r <sub>cc</sub>	80%			70%			50%			30%			10%			0
r <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r <sub>fc</sub>	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:JYH  
Test Date:

g Range: 0 - 180DEG  
g Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## WEC AND CCEC

Test:U:24.00V I:1.765A P:42.38W PF:1.000 Freq:0Hz Lamp Flux:966.094x2 lm		
NAME: AH5060-15A90合成	TYPE:	WEIGHT:
SPEC.:AH5060-15A90合成	DIM.: 1500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:1500*50	Shielding Angle:

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.291	.166	.052	.271	.155	.049	.233	.134	.043	.198	.114	.037	.166	.096	.031	
2.0	.270	.148	.045	.252	.139	.043	.217	.121	.038	.186	.104	.033	.156	.088	.028	
3.0	.249	.133	.040	.232	.124	.037	.201	.109	.033	.172	.094	.029	.145	.080	.025	
4.0	.230	.119	.035	.214	.112	.033	.186	.098	.029	.159	.085	.026	.134	.073	.022	
5.0	.213	.108	.031	.199	.102	.030	.172	.090	.026	.147	.078	.023	.124	.066	.020	
6.0	.197	.099	.028	.185	.093	.027	.160	.082	.024	.137	.071	.021	.116	.061	.018	
7.0	.184	.091	.026	.172	.086	.024	.149	.076	.022	.128	.066	.019	.108	.056	.017	
8.0	.172	.084	.024	.161	.079	.022	.140	.070	.020	.120	.061	.018	.102	.052	.015	
9.0	.161	.078	.022	.151	.074	.021	.131	.065	.018	.113	.057	.016	.096	.049	.014	
10.0	.152	.073	.020	.142	.069	.019	.124	.061	.017	.107	.053	.015	.090	.045	.013	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Ceiling Cavity Exitance Coefficients(CCEC)												
0.0	.523	.523	.523	.447	.447	.447	.305	.305	.305	.175	.175	.175	.056	.056	.056	
1.0	.514	.491	.471	.440	.421	.405	.301	.290	.280	.173	.168	.163	.055	.054	.053	
2.0	.506	.469	.438	.434	.404	.378	.297	.279	.264	.171	.162	.155	.055	.053	.050	
3.0	.499	.453	.416	.428	.391	.361	.294	.271	.253	.170	.159	.149	.055	.051	.049	
4.0	.492	.441	.401	.422	.381	.349	.291	.265	.246	.168	.155	.145	.054	.051	.048	
5.0	.486	.431	.391	.417	.373	.340	.287	.261	.240	.166	.153	.143	.054	.050	.047	
6.0	.479	.424	.384	.412	.367	.334	.284	.257	.237	.165	.151	.141	.053	.049	.046	
7.0	.473	.417	.379	.407	.362	.330	.281	.254	.234	.163	.149	.139	.053	.049	.046	
8.0	.467	.412	.374	.402	.358	.326	.278	.251	.232	.162	.148	.138	.052	.049	.046	
9.0	.462	.408	.371	.398	.354	.324	.276	.249	.230	.161	.147	.137	.052	.048	.045	
10.0	.457	.404	.369	.394	.351	.322	.273	.247	.229	.159	.146	.136	.052	.048	.045	

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:JYH  
Test Date:

g Range: 0 - 180DEG  
g Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## UGR(Unified Glare Rating) Table

Test:U:24.00V I:1.765A P:42.38W PF:1.000 Freq:0Hz Lamp Flux:966.094x2 lm										
NAME: AH5060-15A90合成					TYPE:			WEIGHT:		
SPEC.:AH5060-15A90合成					DIM.: 1500*50*60			SERIAL No.:		
MFR.: COLORS					SUR.:1500*50			Shielding 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	13.8	14.8	14.6	15.6	16.6	13.4	14.4	14.1	15.2	16.1
3H	15.5	16.4	16.3	17.2	18.2	14.8	15.7	15.6	16.5	17.6
4H	16.2	17.1	17.0	17.9	18.9	15.4	16.3	16.2	17.1	18.1
6H	16.8	17.6	17.7	18.5	19.6	15.8	16.6	16.7	17.5	18.5
8H	17.1	17.9	18.0	18.7	19.8	15.9	16.7	16.8	17.5	18.6
12H	17.3	18.1	18.2	18.9	20.0	16.0	16.7	16.9	17.6	18.7
4H 2H	14.3	15.2	15.2	16.0	17.1	14.0	14.8	14.8	15.6	16.7
3H	16.1	16.9	17.0	17.7	18.8	15.6	16.3	16.5	17.2	18.3
4H	17.0	17.7	17.9	18.5	19.7	16.3	17.0	17.2	17.9	19.0
6H	17.8	18.4	18.7	19.3	20.4	16.9	17.4	17.8	18.3	19.5
8H	18.1	18.7	19.1	19.6	20.8	17.0	17.6	18.0	18.5	19.6
12H	18.4	18.9	19.4	19.9	21.0	17.1	17.6	18.1	18.6	19.7
8H 4H	17.2	17.7	18.1	18.7	19.8	16.6	17.2	17.6	18.1	19.2
6H	18.2	18.6	19.1	19.6	20.8	17.4	17.8	18.3	18.7	19.9
8H	18.7	19.0	19.6	20.0	21.2	17.6	18.0	18.6	19.0	20.2
12H	19.1	19.4	20.1	20.4	21.7	17.9	18.2	18.8	19.2	20.4
12H 4H	17.2	17.7	18.1	18.6	19.8	16.6	17.1	17.6	18.1	19.2
6H	18.2	18.6	19.2	19.6	20.8	17.4	17.8	18.4	18.8	20.0
8H	18.8	19.1	19.8	20.1	21.3	17.8	18.1	18.8	19.1	20.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.4				

CIE Pub.117, 1932 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.3)

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:JYH  
Test Date:

g Range: 0 - 180DEG  
g Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

Test:U:24.00V I:1.765A P:42.38W PF:1.000 Freq:0Hz Lamp Flux:966.094x2 lm		
NAME: AH5060-15A90合成	TYPE:	WEIGHT:
SPEC.:AH5060-15A90合成	DIM.: 1500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:1500*50	Shielding Angle:

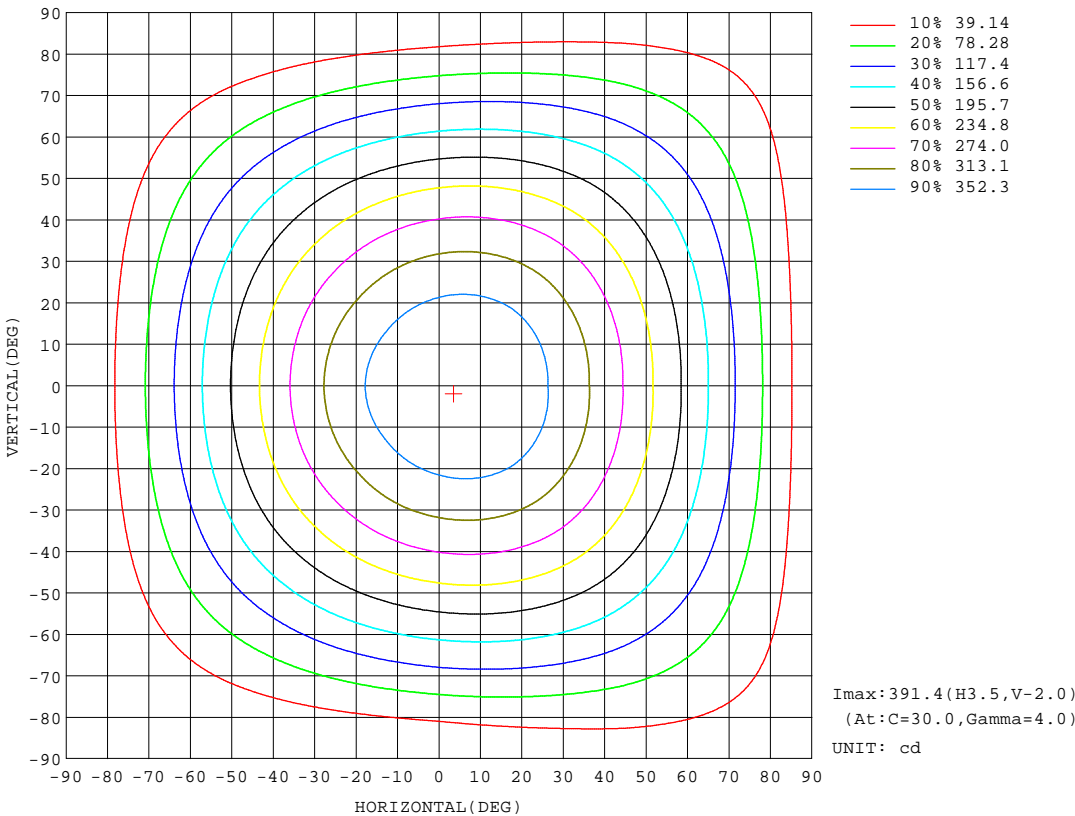
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	46	35	28	43	33	27	39	31	26	18
0.80	55	44	36	52	42	35	47	38	33	23
1.00	63	51	44	59	49	42	53	46	39	28
1.25	70	59	51	66	56	49	58	50	45	32
1.50	75	65	57	70	61	55	62	55	50	35
2.00	82	73	66	77	69	63	67	61	56	39
2.50	86	78	71	81	73	68	70	65	60	41
3.00	90	82	76	84	77	72	73	68	64	44
4.00	94	88	83	88	82	78	76	72	69	47
5.00	97	92	87	90	86	82	78	75	72	48
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: MEDIUM  
Temperature:25.3DEG  
Operators:JYH  
Test Date:

g Range: 0 - 180DEG  
g Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:1.765A P:42.38W PF:1.000 Freq:0Hz Lamp Flux:966.094x2 lm		
NAME: AH5060-15A90合成	TYPE:	WEIGHT:
SPEC.:AH5060-15A90合成	DIM.: 1500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:1500*50	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:JYH  
Test Date:

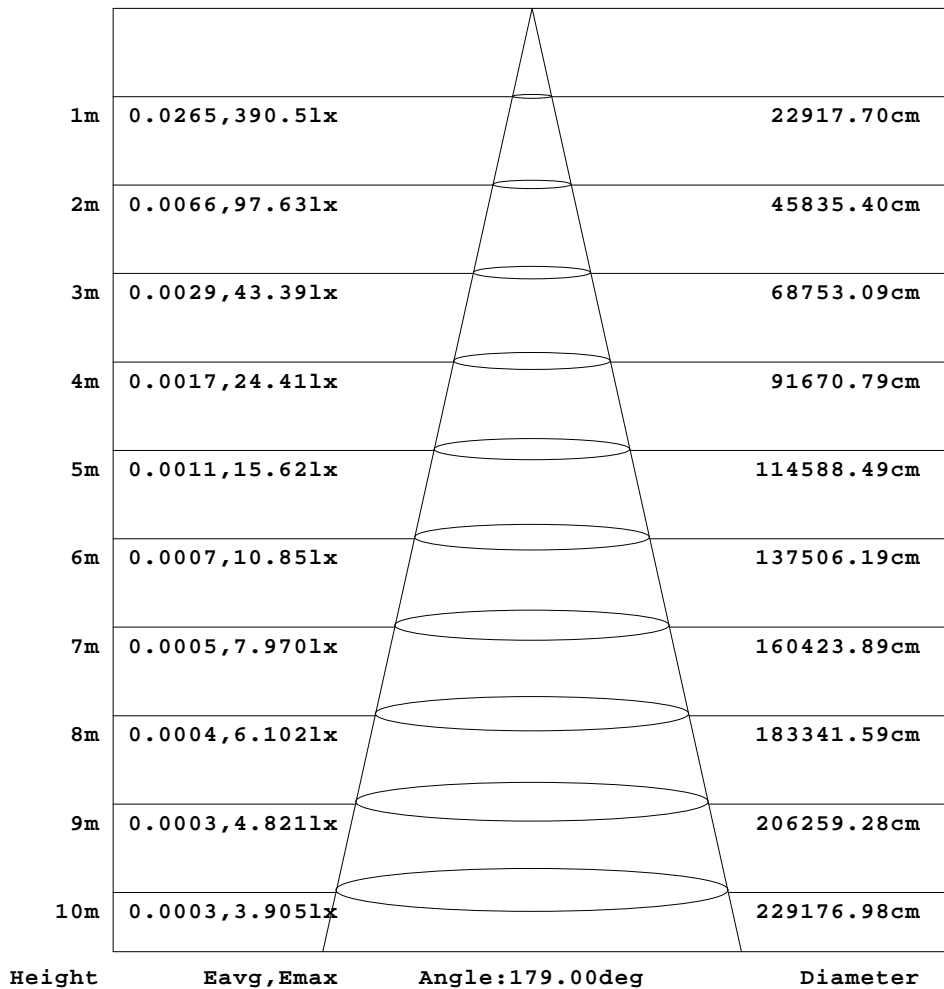
deg Range: 0 - 180DEG  
Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:



### AAI Figure

Test:U:24.00V I:1.765A P:42.38W PF:1.000 Freq:0Hz Lamp Flux:966.094x2 lm		
NAME: AH5060-15A90合成	TYPE:	WEIGHT:
SPEC.:AH5060-15A90合成	DIM.: 1500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:1500*50	Shielding Angle:

Flux out:1092 lm



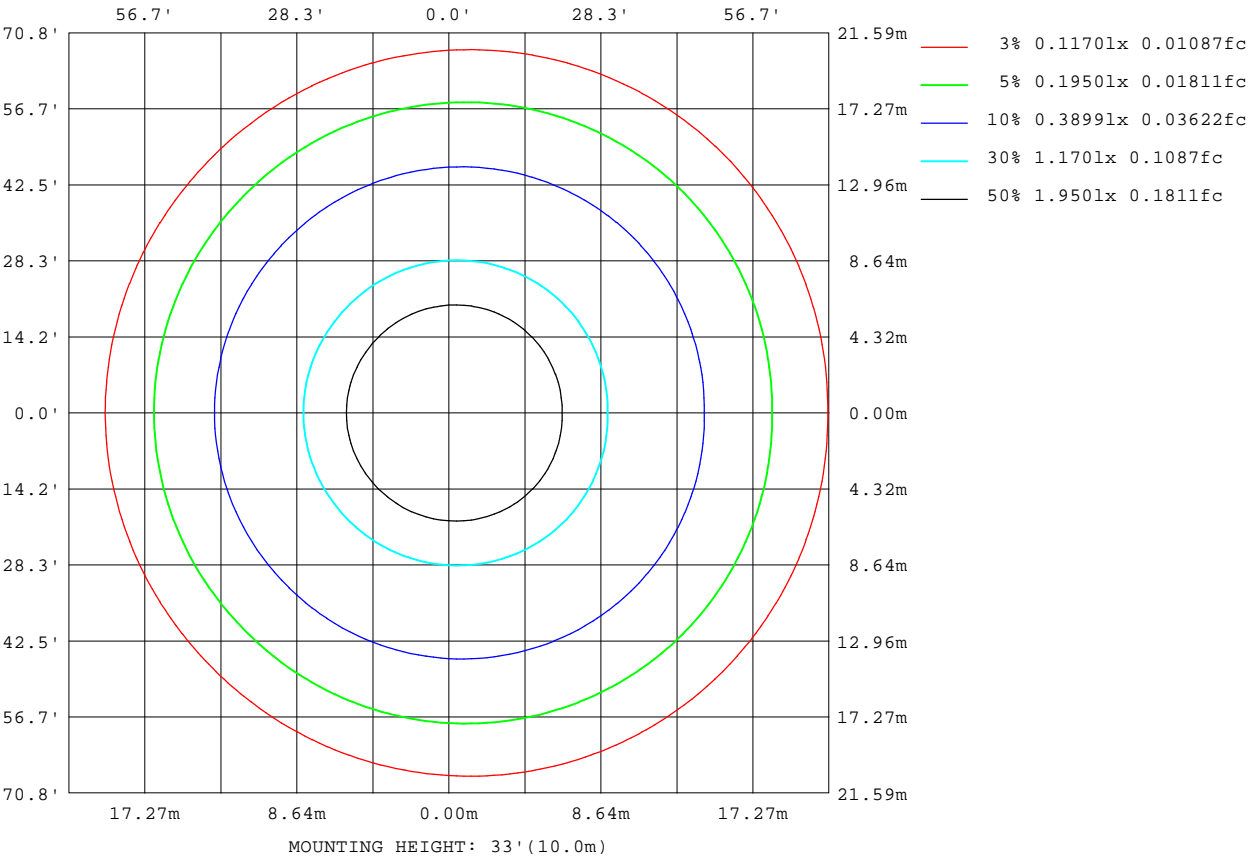
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: JYH  
Test Date:

g Range: 0 - 180DEG  
g Interval: 0.5DEG  
Test System: EVERFINE GO-2000\_V1 SYSTEM V2.0.362  
Humidity: 65.0%  
Test Distance: 10.000m [K=1.0000]  
Remarks:

ISOLUX DIAGRAM

Test:U:24.00V I:1.765A P:42.38W PF:1.000 Freq:0Hz Lamp Flux:966.094x2 lm		
NAME: AH5060-15A90合成	TYPE:	WEIGHT:
SPEC.:AH5060-15A90合成	DIM.: 1500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:1500*50	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:JYH  
Test Date:

g Range: 0 - 180DEG  
g Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## LED Avg.L Report

Test:U:24.00V I:1.765A P:42.38W PF:1.000 Freq:0Hz Lamp Flux:966.094x2 lm		
NAME: AH5060-15A90合成	TYPE:	WEIGHT:
SPEC.:AH5060-15A90合成	DIM.: 1500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:1500*50	Shielding Angle:

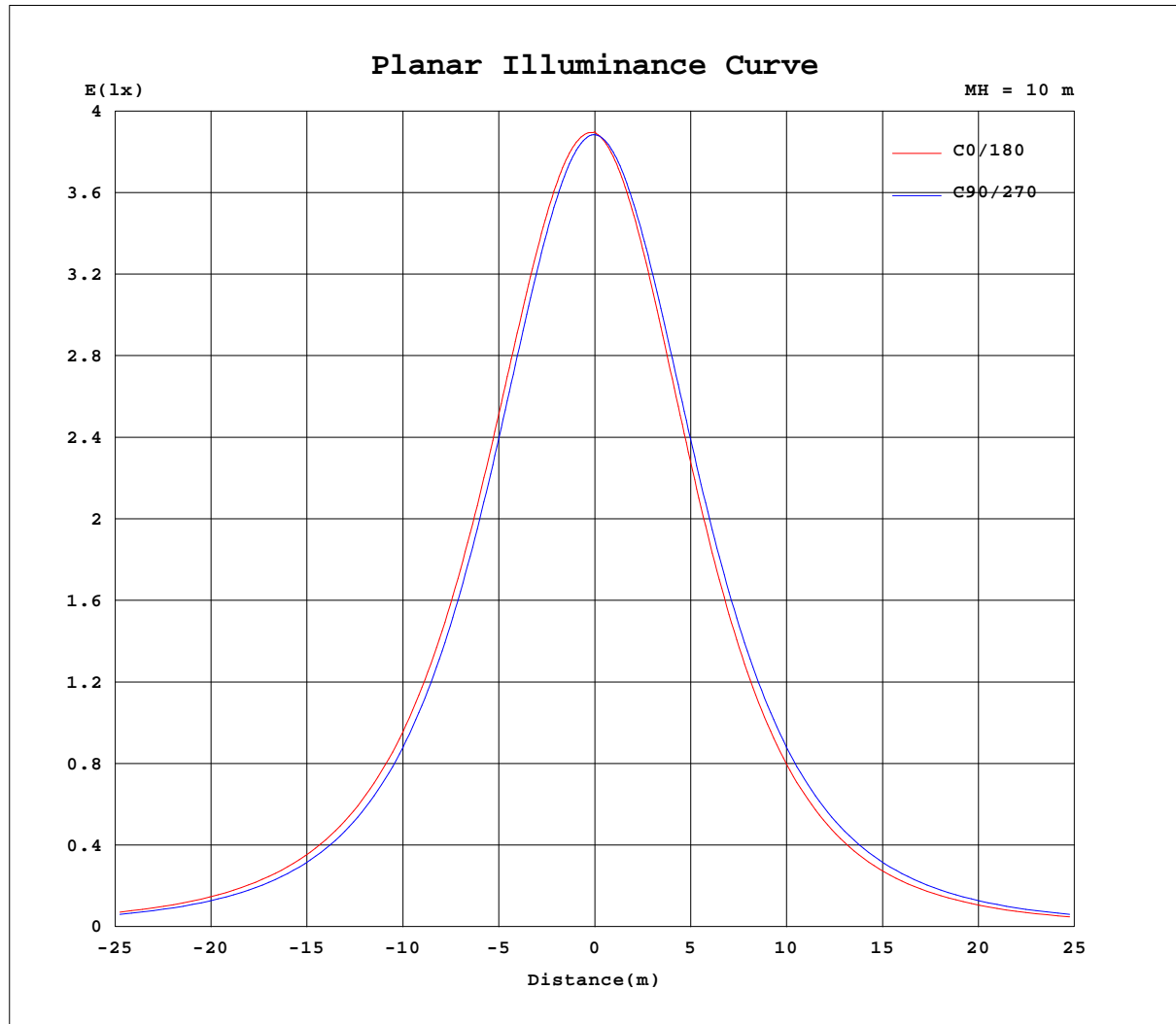
AvgL	cd/m2
L_0~180(65)av	4225
L_0~180(75)av	3930
L_0~180(85)av	3810
L_90~270(65)av	4261
L_90~270(75)av	3925
L_90~270(85)av	3232
L_45(65)av	4255
L_45(75)av	3939
L_45(85)av	3650

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:JYH  
Test Date:

g Range: 0 - 180DEG  
g Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: JYH  
Test Date:

deg Range: 0 - 180DEG  
deg Interval: 0.5DEG  
Test System: EVERFINE GO-2000\_V1 SYSTEM V2.0.362  
Humidity: 65.0%  
Test Distance: 10.000m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:1.765A P:42.38W PF:1.000 Freq:0Hz Lamp Flux:966.094x2 lm		
NAME: AH5060-15A90合成	TYPE:	WEIGHT:
SPEC.:AH5060-15A90合成	DIM.: 1500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:1500*50	Shielding Angle:

Table--1

UNIT: cd

C(DEG) g (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	390	390	390	390	390	390	390	390	390	390	390	390	389	389	389	389	389	389	388
5	390	391	391	391	391	391	391	391	391	391	391	390	390	389	389	388	388	387	387
10	388	388	388	389	389	389	389	389	388	388	387	387	386	385	384	383	382	381	380
15	381	382	382	382	382	382	382	382	381	381	380	379	378	377	376	374	373	372	371
20	371	371	371	372	372	372	372	371	371	370	369	368	366	365	364	362	360	359	357
25	357	357	358	358	358	358	358	357	357	356	354	353	352	350	348	346	344	342	341
30	339	340	340	341	341	341	340	340	339	338	337	335	333	331	330	327	325	323	321
35	319	320	320	320	321	320	320	319	319	318	316	314	312	310	308	306	304	301	299
40	296	297	297	298	298	298	297	297	296	295	293	291	289	287	285	282	280	278	275
45	271	272	272	273	273	273	272	272	271	270	268	266	264	262	259	257	254	252	249
50	244	245	245	246	246	246	245	245	244	243	241	239	237	235	232	230	227	225	222
55	216	217	217	218	218	217	217	216	216	214	213	211	209	206	204	201	199	196	194
60	187	187	188	188	188	188	187	187	186	185	183	181	179	177	175	172	170	167	165
65	157	157	157	157	157	157	156	156	155	154	152	150	148	146	144	142	140	138	135
70	126	127	127	127	127	126	126	125	124	123	121	120	118	116	114	112	110	108	105
75	96.5	96.8	96.9	96.8	96.6	96.2	95.6	94.9	94.0	92.9	91.4	89.8	88.0	86.1	84.2	82.1	80.0	77.9	75.7
80	67.5	68.0	68.2	68.3	68.2	67.8	67.3	66.5	65.5	64.4	62.5	60.6	58.4	56.2	53.9	51.5	49.2	46.9	44.6
85	40.2	40.7	41.1	41.3	41.3	41.1	40.7	40.1	39.3	38.3	36.7	34.9	33.0	31.0	29.0	26.9	24.7	22.6	20.6
90	17.2	17.3	17.3	17.1	16.9	16.6	16.1	15.5	14.9	14.1	12.9	11.6	10.3	8.91	7.54	6.19	4.89	3.66	2.53
95	12.3	12.9	13.4	13.8	14.2	14.6	14.9	15.1	15.4	15.5	15.5	15.5	15.5	15.4	15.3	15.2	15.0	14.9	14.7
100	29.9	30.8	31.5	32.2	32.8	33.4	33.9	34.4	34.8	35.1	35.3	35.5	35.6	35.6	35.7	35.7	35.6	35.6	35.5
105	50.7	51.6	52.4	53.2	53.8	54.5	55.0	55.5	56.0	56.4	56.6	56.8	56.9	57.0	57.1	57.1	57.1	57.1	57.0
110	72.3	73.2	74.1	74.9	75.7	76.3	77.0	77.5	78.0	78.4	78.7	78.9	79.1	79.2	79.3	79.3	79.3	79.3	79.3
115	94.7	95.7	96.7	97.6	98.4	99.1	99.8	100	101	101	102	102	102	102	102	102	102	102	102
120	117	119	120	121	121	122	123	124	124	125	125	125	125	126	126	126	126	126	126
125	141	142	143	144	145	146	146	147	148	148	148	149	149	149	149	149	149	149	149
130	164	165	166	167	168	169	169	170	171	171	171	172	172	172	172	172	172	172	172
135	186	187	189	190	190	191	192	193	193	194	194	194	195	195	195	195	195	195	195
140	208	210	211	212	212	213	214	215	215	216	216	216	216	216	216	216	216	216	216
145	229	231	231	232	233	234	235	235	236	236	236	237	237	237	237	237	237	237	237
150	249	250	251	252	252	253	254	254	255	255	255	255	255	256	256	256	256	256	255
155	267	268	268	269	270	270	271	271	272	272	272	272	272	272	272	272	272	272	272
160	283	283	284	284	285	285	286	286	286	286	287	287	287	287	287	287	287	287	287
165	295	296	296	297	297	297	298	298	298	298	298	299	299	299	299	299	299	299	299
170	305	305	306	306	306	306	307	307	307	307	307	307	307	307	307	307	307	307	307
175	311	312	312	312	312	312	312	313	313	313	313	313	313	313	313	313	313	313	313
180	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:JYH  
Test Date:

g Range: 0 - 180DEG  
g Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:1.765A P:42.38W PF:1.000 Freq:0Hz Lamp Flux:966.094x2 lm		
NAME: AH5060-15A90合成	TYPE:	WEIGHT:
SPEC.:AH5060-15A90合成	DIM.: 1500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:1500*50	Shielding Angle:

Table--2

UNIT: cd

C(DEC) g (DEC)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	388	388	389	389	389	389	389	389	389	389	389	389	389	390	390	390	390	390	390
5	386	386	386	385	385	385	384	384	384	384	384	384	384	384	384	384	384	384	384
10	380	379	378	378	377	376	376	375	375	375	375	374	374	374	374	374	374	374	374
15	370	368	367	366	365	365	364	363	362	362	362	361	361	361	361	361	361	361	361
20	356	354	353	352	351	349	348	347	346	346	346	345	345	345	345	345	345	345	344
25	339	337	336	334	333	331	330	329	328	327	326	326	326	325	325	325	325	325	325
30	319	317	315	314	312	310	309	307	306	305	305	304	304	303	303	303	303	303	303
35	297	295	293	291	289	287	285	284	282	281	281	280	280	279	279	279	279	279	279
40	273	270	268	266	264	262	260	259	257	256	255	254	254	253	253	253	253	253	253
45	247	244	242	240	237	235	233	232	230	229	228	227	227	226	226	226	226	226	226
50	219	217	214	212	210	208	206	204	202	201	200	199	198	198	198	197	197	197	197
55	191	188	186	184	181	179	177	175	173	172	171	170	170	169	169	169	169	169	169
60	162	160	157	155	152	150	148	146	145	143	142	142	141	140	140	140	140	140	140
65	133	130	128	126	123	121	119	117	115	114	113	113	112	112	111	111	111	111	111
70	103	101	98.6	96.4	94.3	92.3	90.4	88.6	87.0	86.0	85.1	84.4	83.8	83.4	83.2	83.0	83.0	83.1	83.1
75	73.6	71.5	69.4	67.4	65.4	63.6	61.8	60.3	58.8	58.0	57.3	56.7	56.3	56.0	55.9	55.8	55.9	56.0	56.0
80	42.8	41.0	39.4	37.9	36.5	35.2	34.0	33.0	32.1	31.5	31.0	30.7	30.4	30.3	30.2	30.2	30.3	30.5	30.4
85	18.9	17.3	15.8	14.4	13.1	11.9	10.9	9.96	9.19	8.86	8.67	8.59	8.61	8.72	8.89	9.11	9.36	9.63	9.51
90	2.03	1.64	1.35	1.15	1.03	0.98	0.99	1.03	1.11	1.09	1.09	1.10	1.12	1.16	1.20	1.24	1.29	1.34	1.33
95	14.7	14.6	14.5	14.5	14.5	14.5	14.5	14.5	14.6	14.8	15.0	15.3	15.6	15.8	16.0	16.2	16.4	16.4	16.2
100	35.5	35.5	35.5	35.5	35.5	35.5	35.6	35.6	35.7	35.9	36.2	36.4	36.7	36.9	37.1	37.3	37.4	37.5	37.2
105	57.0	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.3	57.5	57.8	58.0	58.3	58.5	58.7	58.8	58.9	59.0	58.7
110	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.5	79.7	80.0	80.2	80.5	80.7	80.9	81.1	81.2	81.2	80.9
115	102	102	102	102	102	102	102	102	102	103	103	103	103	104	104	104	104	104	104
120	126	126	126	126	126	126	126	126	126	126	126	126	127	127	127	127	127	128	127
125	149	149	149	149	149	149	149	149	149	149	149	150	150	150	150	151	151	151	150
130	172	172	172	172	172	172	172	172	172	172	172	173	173	173	173	174	174	174	173
135	195	195	195	195	194	194	194	194	194	195	195	195	196	196	196	196	196	196	196
140	216	216	216	216	216	216	216	216	216	216	217	217	217	217	218	218	218	218	218
145	237	237	237	237	237	237	237	237	237	237	237	237	238	238	238	238	238	238	238
150	255	256	256	256	256	256	256	256	256	256	256	256	256	257	257	257	257	257	257
155	272	272	272	272	272	272	273	273	273	273	273	273	273	273	273	273	274	274	273
160	287	287	287	287	287	287	287	287	287	287	287	287	287	288	288	288	288	288	287
165	299	299	299	299	299	299	299	299	299	299	299	299	299	299	299	299	299	299	299
170	307	307	307	307	307	307	307	307	307	307	307	307	307	307	307	307	307	307	307
175	313	313	313	313	313	313	313	313	313	313	313	313	313	313	312	312	312	312	312
180	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:JYH  
Test Date:

g Range: 0 - 180DEG  
g Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:1.765A P:42.38W PF:1.000 Freq:0Hz Lamp Flux:966.094x2 lm		
NAME: AH5060-15A90合成	TYPE:	WEIGHT:
SPEC.:AH5060-15A90合成	DIM.: 1500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:1500*50	Shielding Angle:

Table--3

UNIT: cd

C(DEC) g (DEC)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	390	390	390	390	390	390	390	390	390	390	389	389	389	389	389	389	388	388	388
5	384	384	384	384	384	384	384	384	384	384	384	385	385	385	385	385	386	386	386
10	374	374	374	374	374	374	374	375	375	375	376	376	377	377	378	379	379	380	381
15	361	361	361	361	361	361	361	362	362	363	364	365	365	366	367	368	369	370	371
20	344	344	344	345	345	345	345	346	347	348	349	350	351	352	353	355	356	357	359
25	325	325	325	325	325	326	326	327	328	329	331	332	333	335	336	338	340	341	343
30	303	303	303	303	304	304	305	306	307	308	310	311	313	315	317	319	320	322	324
35	279	279	279	279	280	281	281	282	284	285	287	289	291	293	295	297	299	301	303
40	253	253	253	254	254	255	256	257	259	260	262	264	266	268	270	273	275	277	279
45	226	226	226	227	228	228	229	230	232	234	236	238	240	242	245	247	249	252	254
50	198	198	198	199	200	200	201	203	204	206	208	210	212	215	217	220	222	224	227
55	169	169	170	170	171	172	173	174	176	178	180	182	184	186	189	191	194	196	199
60	140	140	141	141	142	143	144	145	147	149	151	153	155	157	160	162	165	167	169
65	111	112	112	112	113	114	115	116	118	120	122	124	126	128	130	133	135	137	140
70	83.2	83.4	83.8	84.2	84.8	85.6	86.5	87.6	89.2	90.9	92.7	94.7	96.7	98.9	101	103	106	108	110
75	56.1	56.2	56.5	56.9	57.4	58.0	58.8	59.8	61.2	62.8	64.5	66.4	68.3	70.3	72.4	74.5	76.7	78.9	81.1
80	30.4	30.5	30.7	31.0	31.4	31.9	32.5	33.3	34.6	36.0	37.6	39.2	41.0	42.8	44.7	46.7	48.6	50.7	52.8
85	9.40	9.33	9.30	9.33	9.44	9.63	9.93	10.3	11.2	12.2	13.2	14.4	15.7	17.1	18.6	20.1	21.7	23.6	25.5
90	1.32	1.31	1.30	1.30	1.29	1.29	1.30	1.31	1.16	1.03	0.94	0.90	0.92	1.02	1.21	1.50	1.91	2.98	4.16
95	15.9	15.6	15.2	14.8	14.4	14.0	13.6	13.2	13.0	12.9	12.8	12.7	12.6	12.6	12.6	12.6	12.6	12.6	12.7
100	36.8	36.4	36.0	35.5	35.0	34.6	34.1	33.7	33.5	33.4	33.3	33.2	33.1	33.1	33.1	33.1	33.1	33.1	33.2
105	58.3	57.9	57.4	57.0	56.5	56.0	55.5	55.1	54.9	54.8	54.7	54.6	54.5	54.5	54.5	54.4	54.4	54.5	54.5
110	80.6	80.1	79.7	79.2	78.7	78.3	77.8	77.4	77.2	77.0	76.9	76.8	76.8	76.7	76.7	76.7	76.7	76.7	76.8
115	104	103	103	102	102	102	101	101	101	101	100	100	100	100	100	100	100	100	100
120	127	127	126	126	126	125	125	124	124	124	124	124	124	124	124	124	124	124	124
125	150	149	149	148	148	147	147	146	146	146	146	146	146	146	146	146	146	146	146
130	173	172	172	171	171	170	169	169	169	169	168	168	168	168	168	169	169	169	169
135	195	195	194	194	193	193	192	191	191	191	191	191	191	191	191	191	191	191	191
140	217	217	216	216	215	214	214	213	213	213	213	213	213	213	213	213	213	213	213
145	238	237	237	236	236	235	235	234	234	234	234	234	234	234	234	234	234	234	234
150	256	256	256	255	255	254	254	253	253	253	253	253	253	253	253	253	253	253	253
155	273	273	272	272	272	271	271	271	271	270	270	270	270	270	270	270	270	270	270
160	287	287	287	286	286	286	286	285	285	285	285	285	285	285	285	285	285	285	285
165	299	299	298	298	298	298	298	298	298	297	297	297	297	297	297	297	298	298	298
170	307	307	307	307	307	307	307	307	307	307	307	307	307	307	307	307	307	307	307
175	312	312	312	312	312	312	313	313	313	313	313	313	313	312	312	312	312	312	312
180	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:JYH  
Test Date:

g Range: 0 - 180DEG  
g Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:1.765A P:42.38W PF:1.000 Freq:0Hz Lamp Flux:966.094x2 lm																	
NAME: AH5060-15A90合成									TYPE:			WEIGHT:					
SPEC.:AH5060-15A90合成									DIM.: 1500*50*60			SERIAL No.:					
MFR.: COLORS									SUR.:1500*50			Shielding Angle:					

Table--4

UNIT: cd

C(DEG) g (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	389	389	389	389	389	389	389	389	389	389	389	389	390	390	390				
5	387	387	388	388	388	389	389	389	390	390	390	390	390	390	390				
10	381	382	383	384	384	385	385	386	386	387	387	387	387	387	388				
15	373	374	375	376	377	377	378	379	379	380	380	381	381	381	381				
20	360	362	363	364	365	367	368	368	369	369	370	370	370	371	371				
25	345	346	348	349	351	352	353	354	355	356	356	356	357	357	357				
30	326	328	330	331	333	334	336	337	338	338	339	339	339	339	339				
35	305	307	309	311	313	314	316	317	318	318	319	319	319	319	319				
40	282	284	286	288	290	291	293	294	295	296	296	296	297	297	296				
45	256	259	261	263	265	267	268	269	270	271	271	272	272	272	271				
50	229	232	234	236	238	240	241	242	243	244	245	245	245	245	245				
55	201	203	206	208	210	212	213	214	215	216	217	217	217	217	216				
60	172	174	177	179	181	183	184	185	186	187	187	188	188	188	187				
65	142	145	147	149	151	153	154	155	156	157	157	158	158	158	157				
70	113	115	117	119	121	123	124	125	126	127	127	127	127	127	127				
75	83.3	85.4	87.4	89.3	91.2	92.8	94.3	95.3	96.1	96.8	97.2	97.5	97.5	97.4	97.1				
80	54.9	56.9	58.8	60.7	62.4	64.0	65.4	66.4	67.1	67.7	68.1	68.4	68.4	68.3	68.0				
85	27.4	29.3	31.1	32.9	34.6	36.2	37.6	38.6	39.4	40.0	40.4	40.7	40.8	40.8	40.6				
90	5.41	6.73	8.08	9.43	10.8	12.1	13.3	14.1	14.8	15.4	16.0	16.4	16.8	17.0	17.2				
95	12.8	12.9	13.0	13.0	13.1	13.2	13.2	13.2	13.1	13.1	13.0	12.9	12.8	12.6	12.5				
100	33.2	33.2	33.3	33.3	33.2	33.2	33.1	32.9	32.7	32.4	32.1	31.7	31.3	30.9	30.5				
105	54.5	54.5	54.5	54.5	54.5	54.4	54.3	54.0	53.8	53.5	53.1	52.7	52.3	51.8	51.3				
110	76.8	76.8	76.8	76.7	76.7	76.6	76.4	76.2	75.8	75.5	75.1	74.6	74.1	73.5	72.9				
115	100	100	100	100	100	100	100	99.7	99.3	98.8	98.3	97.7	97.0	96.3	95.5				
120	124	124	124	124	124	124	124	123	123	122	122	121	120	119	118				
125	146	146	146	146	146	146	146	145	145	145	144	143	143	142	141				
130	169	169	169	169	169	168	168	168	168	167	167	166	166	165	164				
135	191	191	191	191	191	191	191	191	190	190	189	189	188	188	187				
140	213	213	213	213	213	213	213	213	212	212	211	211	210	210	209				
145	234	234	234	234	234	234	234	233	233	233	232	232	231	231	230				
150	253	253	253	253	253	253	253	253	252	252	252	251	251	250	250				
155	270	270	270	270	270	270	270	270	270	269	269	269	268	268	268				
160	285	285	285	285	285	285	285	285	285	285	284	284	284	283	283				
165	298	298	298	298	297	297	297	297	297	297	297	297	296	296	296				
170	307	307	307	307	307	307	307	306	306	306	306	306	306	305	305				
175	313	313	313	313	313	313	312	312	312	312	312	312	312	312	311				
180	309	309	309	309	309	309	309	309	309	309	309	309	309	309	309				

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:JYH  
Test Date:

g Range: 0 - 180DEG  
g Interval: 0.5DEG  
Test System:EVERFINE GO-2000\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:10.000m [K=1.0000]  
Remarks: