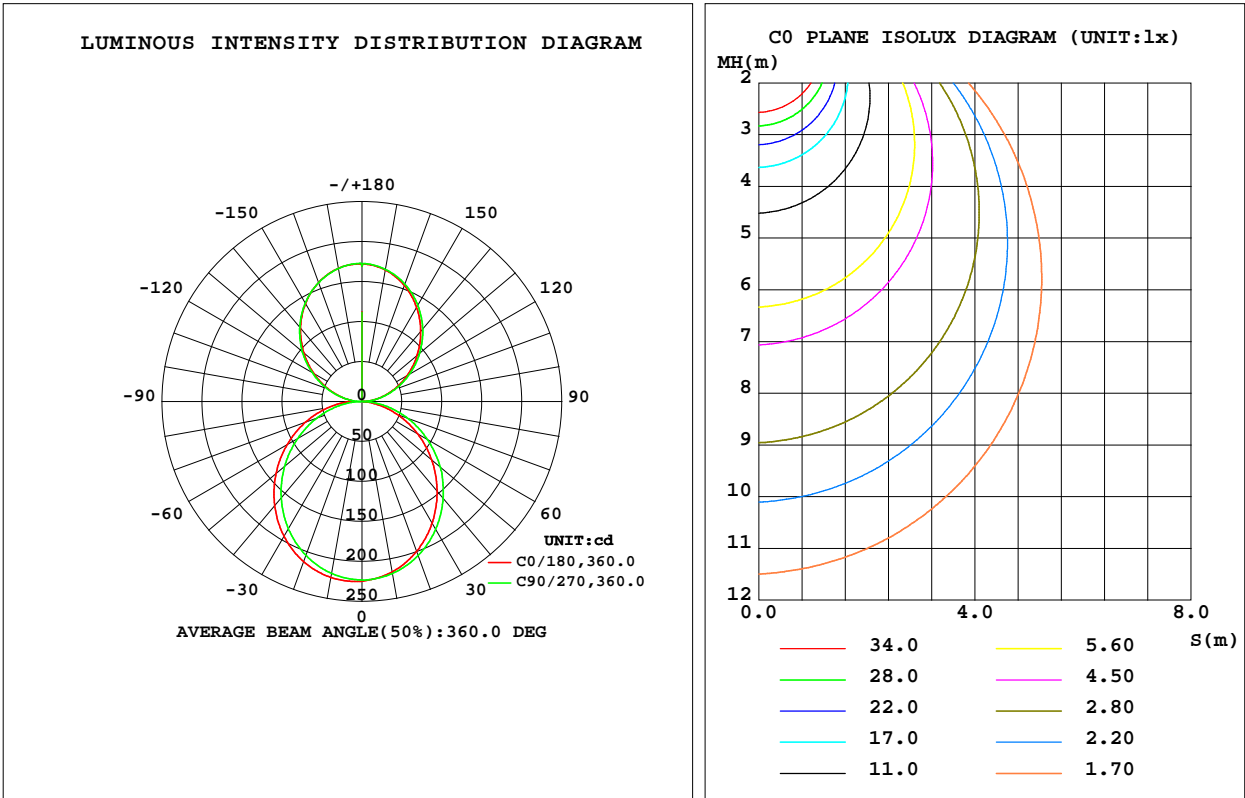


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.00V I:0.9700A P:23.30W PF:1.000 Freq:0Hz Lamp Flux:545.964x2 lm		
NAME: AH5060-15A45合成	TYPE:	WEIGHT:
SPEC.:AH5060-15A45合成	DIM.: 500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:500*50	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA      Eff: 46.88 lm/W			
MODEL	AH5060-15A45合成	I <sub>max</sub> (cd)	225.3	S/MH(C0/180)	1.29
NOMINAL POWER(W)	23.3	LOR(%)	100.0	S/MH(C90/270)	1.23
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	1092.4	h UP,DN(C0-180)	21.1,28.7
NOMINAL FLUX(lm)	545.964	CIE CLASS	DIFFUSE	h UP,DN(C180-360)	21.6,28.6
LAMPS INSIDE	2	h up(%)	42.7	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	h down(%)	57.3	CIBSE SHR MAX	1.35



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:

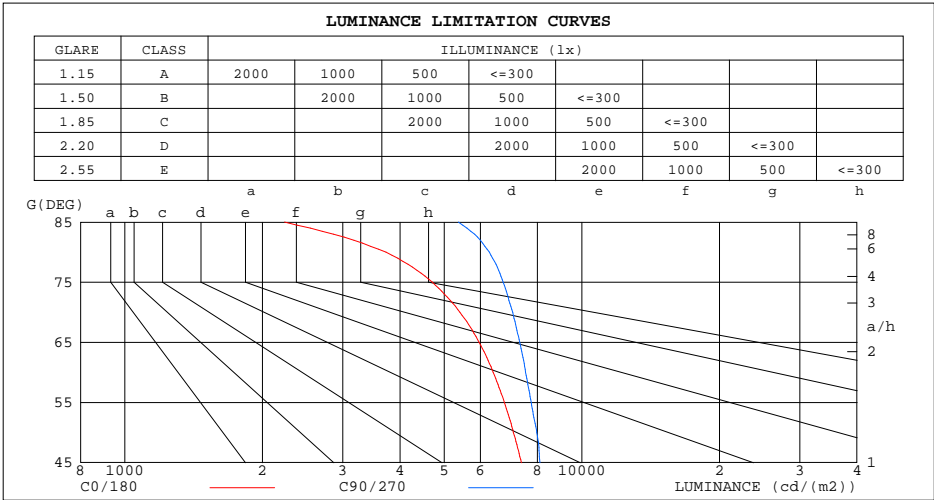
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	216.5	216.5	218.5	221.0	223.5	220.6	218.4	216.4	0~ 10	21.12	21.12	1.93,1.93
20	199.7	201.3	205.2	209.8	213.2	209.1	204.9	200.8	10~ 20	60.14	81.26	7.44,7.44
30	175.5	178.8	184.5	190.7	194.9	189.8	184.1	177.9	20~ 30	90.23	171.5	15.7,15.7
40	146.4	150.8	158.0	165.2	169.9	164.2	157.3	149.5	30~ 40	107.4	278.9	25.5,25.5
50	113.9	118.9	128.1	135.2	140.5	134.2	126.5	117.3	40~ 50	110.0	388.9	35.6,35.6
60	80.04	85.30	94.20	102.6	108.2	101.6	93.16	83.62	50~ 60	98.69	487.6	44.6,44.7
70	46.29	52.08	60.33	69.24	74.83	68.10	59.43	50.24	60~ 70	76.03	563.6	51.6,51.6
80	16.19	20.47	27.24	36.57	41.83	35.91	27.32	18.89	70~ 80	46.28	609.9	55.8,55.9
90	1.454	2.044	0.9711	7.700	12.89	8.118	1.376	1.346	80~ 90	15.91	625.8	57.3,57.3
100	17.85	19.65	19.28	19.39	20.38	19.76	20.73	20.42	90~100	10.84	636.7	58.3,58.3
110	41.08	42.26	43.23	43.24	43.80	44.44	45.53	44.13	100~110	33.20	669.8	61.3,61.3
120	65.43	66.54	68.73	68.46	69.14	70.22	71.50	69.11	110~120	55.45	725.3	66.4,66.4
130	90.25	91.48	94.24	93.65	95.00	96.26	97.72	94.22	120~130	72.87	798.2	73.1,73.1
140	114.5	115.8	118.3	117.8	119.7	120.8	121.3	118.4	130~140	82.13	880.3	80.6,80.6
150	136.5	137.9	139.5	139.4	141.5	142.4	142.1	139.6	140~150	81.04	961.3	88.88
160	154.8	155.7	156.6	156.6	158.6	159.4	158.4	156.5	150~160	68.71	1030	94.3,94.3
170	167.2	167.9	168.0	167.7	169.3	169.9	169.1	167.4	160~170	46.11	1076	98.5,98.6
180	169.5	169.5	169.5	169.5	169.5	169.5	169.5	169.5	170~180	16.26	1092	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:0.9700A P:23.30W PF:1.000 Freq:0Hz Lamp Flux:545.964x2 lm		
NAME: AH5060-15A45合成	TYPE:	WEIGHT:
SPEC.:AH5060-15A45合成	DIM.: 500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:500*50	Shielding Angle:



LUMINANCE cd/(m2)		
G(°)	C0/180	C90/270
85	2236	5371
80	3730	6275
75	4709	6733
70	5413	7056
65	5962	7313
60	6403	7536
55	6772	7749
50	7089	7974
45	7381	8102

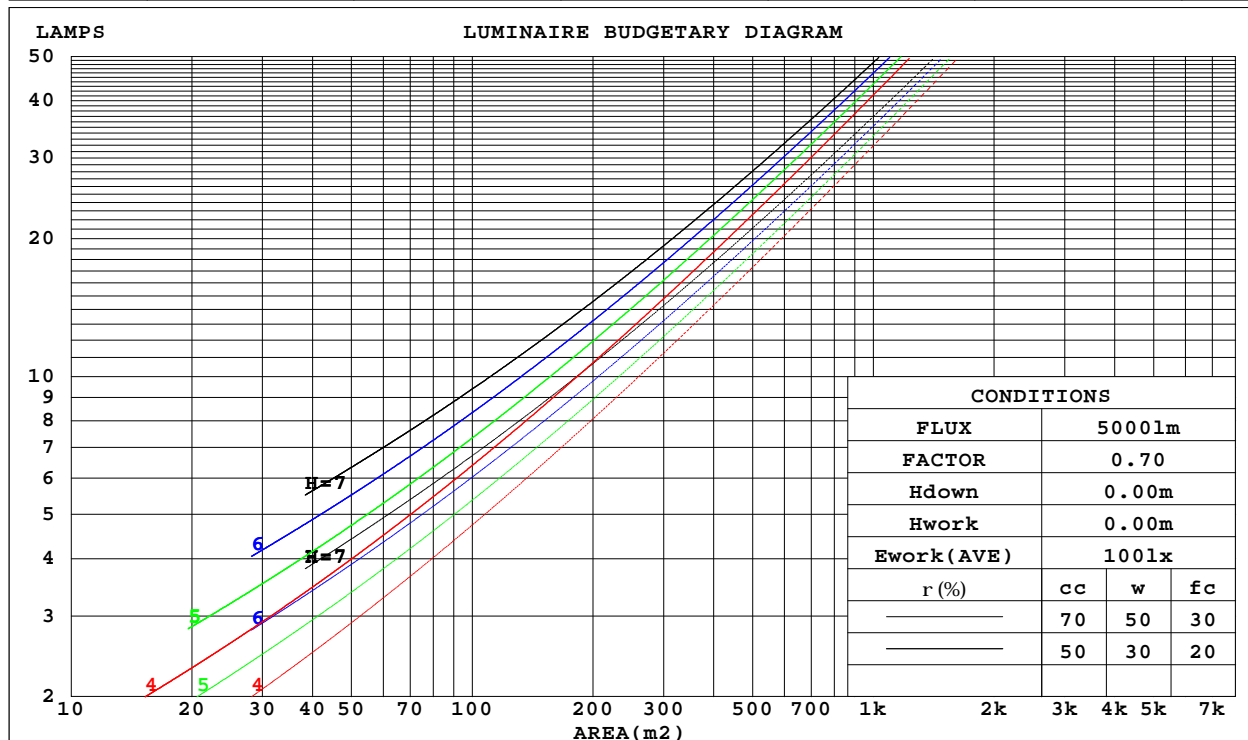
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:JYH  
Test Date:

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:0.9700A P:23.30W PF:1.000 Freq:0Hz Lamp Flux:545.964x2 lm		
NAME: AH5060-15A45合成	TYPE:	WEIGHT:
SPEC.:AH5060-15A45合成	DIM.: 500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:500*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:0.9700A P:23.30W PF:1.000 Freq:0Hz Lamp Flux:545.964x2 lm		
NAME: AH5060-15A45合成	TYPE:	WEIGHT:
SPEC.:AH5060-15A45合成	DIM.: 500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:500*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	.292	.166	.053	.272	.155	.049	.235	.135	.043	.200	.116	.037	.169	.098	.032	
2.0	.270	.148	.045	.252	.139	.043	.218	.121	.038	.187	.105	.033	.158	.089	.028	
3.0	.249	.133	.040	.233	.125	.038	.202	.109	.033	.173	.095	.029	.146	.081	.025	
4.0	.230	.120	.035	.215	.112	.033	.187	.099	.030	.160	.086	.026	.136	.074	.022	
5.0	.213	.108	.031	.199	.102	.030	.173	.090	.026	.149	.078	.023	.126	.067	.020	
6.0	.198	.099	.028	.185	.093	.027	.161	.082	.024	.138	.072	.021	.117	.062	.018	
7.0	.184	.091	.026	.172	.086	.024	.150	.076	.022	.129	.066	.019	.110	.057	.017	
8.0	.172	.084	.024	.161	.079	.022	.141	.070	.020	.121	.061	.018	.103	.053	.015	
9.0	.161	.078	.022	.151	.074	.021	.132	.065	.019	.114	.057	.016	.097	.049	.014	
10.0	.152	.073	.020	.142	.069	.019	.124	.061	.017	.107	.053	.015	.091	.046	.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	.516	.516	.516	.441	.441	.441	.301	.301	.301	.173	.173	.173	.055	.055	.055	
1.0	.507	.485	.464	.434	.416	.399	.297	.286	.276	.171	.166	.161	.055	.053	.052	
2.0	.500	.463	.431	.428	.398	.373	.293	.275	.260	.169	.160	.152	.054	.052	.050	
3.0	.493	.446	.409	.422	.385	.355	.290	.268	.249	.168	.156	.147	.054	.051	.048	
4.0	.486	.434	.395	.417	.375	.343	.287	.262	.242	.166	.153	.143	.053	.050	.047	
5.0	.479	.425	.385	.412	.368	.335	.283	.257	.236	.164	.151	.140	.053	.049	.046	
6.0	.473	.417	.377	.406	.361	.329	.280	.253	.232	.163	.149	.138	.052	.049	.046	
7.0	.467	.411	.372	.401	.356	.324	.277	.250	.230	.161	.147	.137	.052	.048	.045	
8.0	.461	.406	.368	.397	.352	.321	.274	.247	.228	.160	.146	.136	.052	.048	.045	
9.0	.455	.401	.365	.392	.348	.318	.272	.245	.226	.158	.145	.135	.051	.047	.045	
10.0	.450	.397	.362	.388	.345	.316	.269	.243	.224	.157	.143	.134	.051	.047	.044	

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:0.9700A P:23.30W PF:1.000 Freq:0Hz Lamp Flux:545.964x2 lm											
NAME: AH5060-15A45合成						TYPE:		WEIGHT:			
SPEC.:AH5060-15A45合成						DIM.: 500*50*60		SERIAL No.:			
MFR.: COLORS						SUR.:500*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	16.1	17.1	16.9	17.9	18.9	16.7	17.7	17.5	18.5	19.5	
	3H	17.3	18.2	18.1	19.1	20.1	18.2	19.1	19.0	19.9	20.9
	4H	17.8	18.6	18.6	19.4	20.5	18.8	19.7	19.6	20.5	21.5
	6H	18.0	18.8	18.8	19.6	20.7	19.2	20.0	20.1	20.9	21.9
	8H	18.0	18.7	18.8	19.6	20.7	19.4	20.1	20.2	21.0	22.1
	12H	18.0	18.7	18.8	19.5	20.6	19.4	20.2	20.3	21.0	22.1
4H	2H	16.6	17.5	17.4	18.3	19.3	17.1	17.9	17.9	18.8	19.8
	3H	18.0	18.7	18.8	19.6	20.7	18.7	19.4	19.6	20.3	21.4
	4H	18.5	19.1	19.4	20.0	21.1	19.4	20.1	20.3	20.9	22.1
	6H	18.8	19.4	19.7	20.3	21.4	20.0	20.5	20.9	21.4	22.6
	8H	18.8	19.4	19.8	20.3	21.4	20.1	20.7	21.1	21.6	22.7
	12H	18.8	19.3	19.8	20.2	21.4	20.2	20.7	21.2	21.7	22.8
8H	4H	18.7	19.2	19.6	20.1	21.3	19.5	20.0	20.4	20.9	22.1
	6H	19.1	19.5	20.0	20.5	21.6	20.2	20.6	21.1	21.5	22.7
	8H	19.2	19.6	20.1	20.5	21.7	20.4	20.8	21.4	21.7	22.9
	12H	19.2	19.5	20.2	20.5	21.7	20.6	20.9	21.5	21.9	23.1
12H	4H	18.6	19.1	19.6	20.0	21.2	19.4	19.9	20.4	20.8	22.0
	6H	19.1	19.5	20.1	20.4	21.6	20.1	20.5	21.1	21.5	22.7
	8H	19.2	19.5	20.2	20.5	21.8	20.4	20.7	21.4	21.7	22.9
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.1 / - 0.2					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117, 1092 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.3)

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:0.9700A P:23.30W PF:1.000 Freq:0Hz Lamp Flux:545.964x2 lm		
NAME: AH5060-15A45合成	TYPE:	WEIGHT:
SPEC.:AH5060-15A45合成	DIM.: 500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:500*50	Shielding Angle:

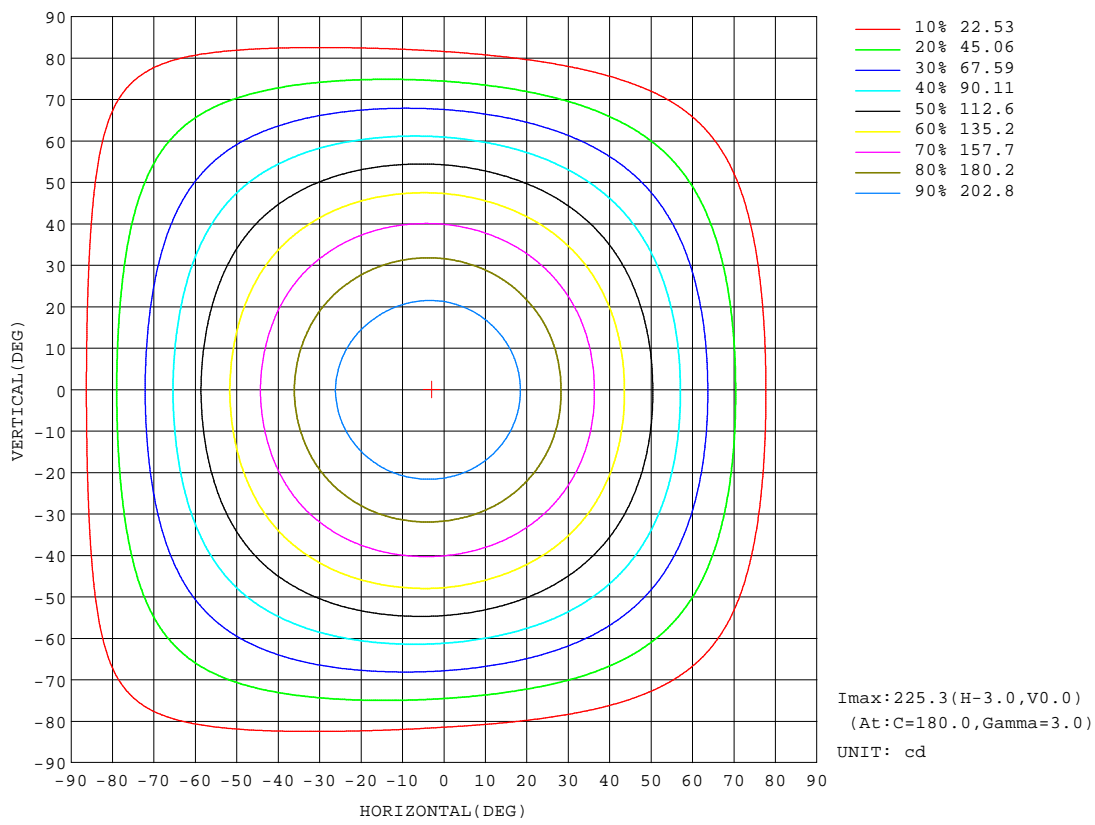
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	46	35	28	44	34	28	40	31	26	18
0.80	55	44	37	52	42	35	47	39	33	23
1.00	63	52	44	60	49	43	53	46	39	28
1.25	70	59	52	66	56	50	58	51	45	32
1.50	75	65	57	71	61	55	62	55	50	35
2.00	82	73	66	77	69	63	68	61	57	40
2.50	87	78	72	81	74	68	71	65	61	42
3.00	90	83	76	84	78	72	73	69	64	44
4.00	94	88	83	88	83	78	77	73	69	47
5.00	97	92	87	91	86	82	79	75	72	49
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:0.9700A P:23.30W PF:1.000 Freq:0Hz Lamp Flux:545.964x2 lm		
NAME: AH5060-15A45合成	TYPE:	WEIGHT:
SPEC.:AH5060-15A45合成	DIM.: 500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:500*50	Shielding Angle:



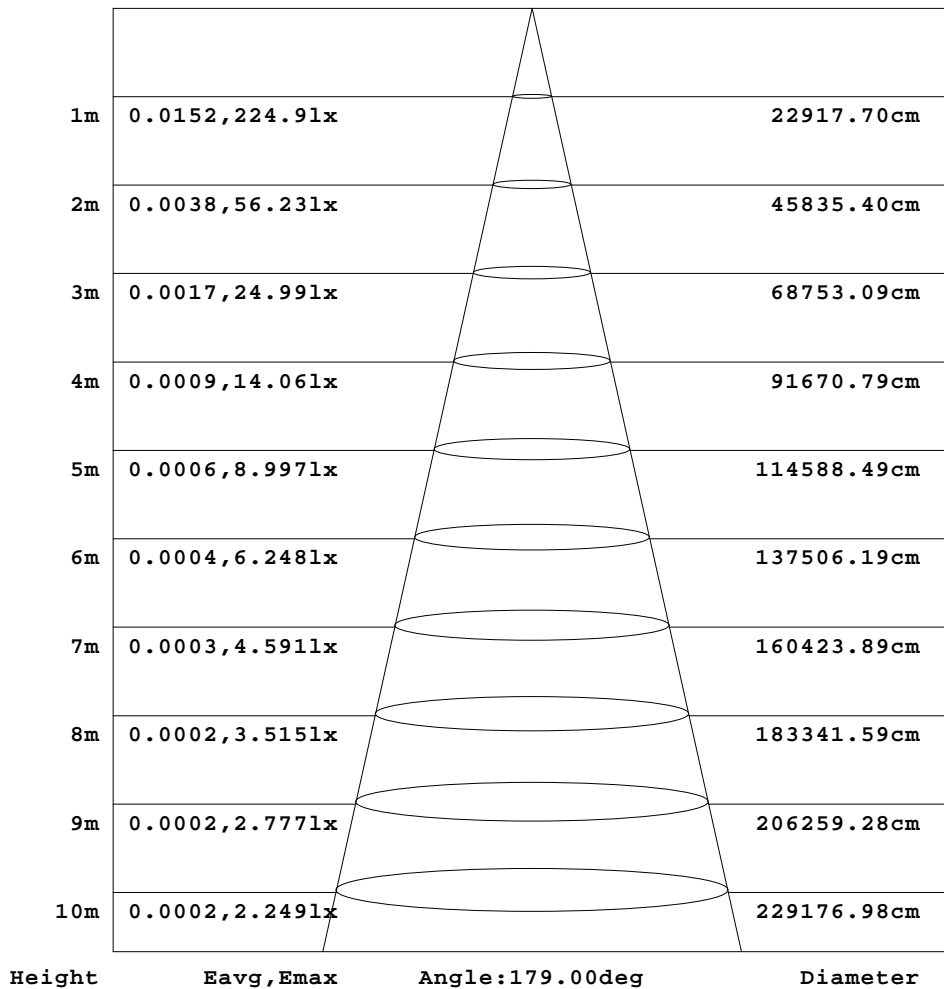
C Range: 0 - 360DEG	deg Range: 0 - 180DEG
C Interval: 5.0DEG	Interval: 0.5DEG
Test Speed: MEDIUM	Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.362
Temperature: 25.3DEG	Humidity: 65.0%
Operators: JYH	Test Distance: 10.000m [K=1.0000]
Test Date:	Remarks:



## AAI Figure

Test:U:24.00V I:0.9700A P:23.30W PF:1.000 Freq:0Hz Lamp Flux:545.964x2 lm		
NAME: AH5060-15A45合成	TYPE:	WEIGHT:
SPEC.:AH5060-15A45合成	DIM.: 500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:500*50	Shielding Angle:

Flux out:625.6 lm



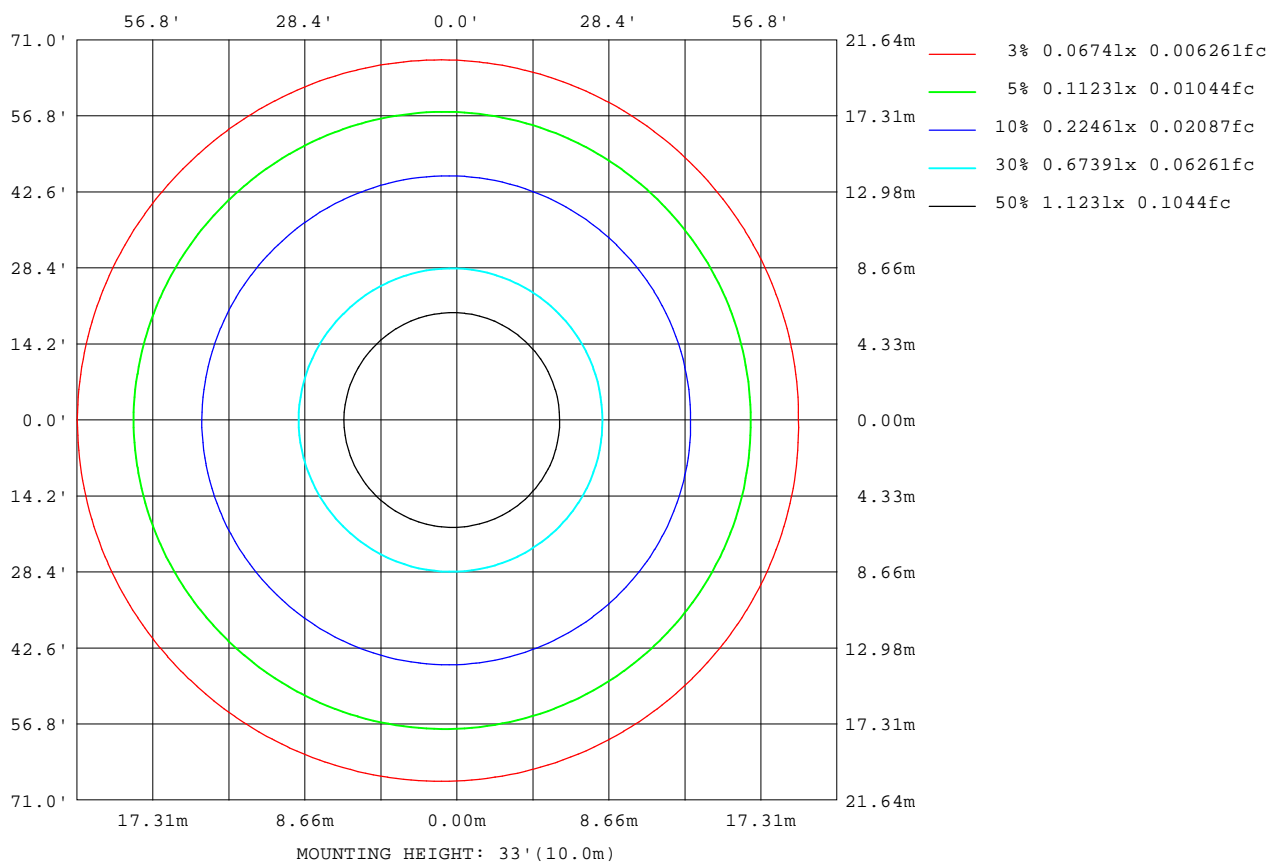
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.9700A P:23.30W PF:1.000 Freq:0Hz Lamp Flux:545.964x2 lm		
NAME: AH5060-15A45合成	TYPE:	WEIGHT:
SPEC.:AH5060-15A45合成	DIM.: 500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:500*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:0.9700A P:23.30W PF:1.000 Freq:0Hz Lamp Flux:545.964x2 lm		
NAME: AH5060-15A45合成	TYPE:	WEIGHT:
SPEC.:AH5060-15A45合成	DIM.: 500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:500*50	Shielding Angle:

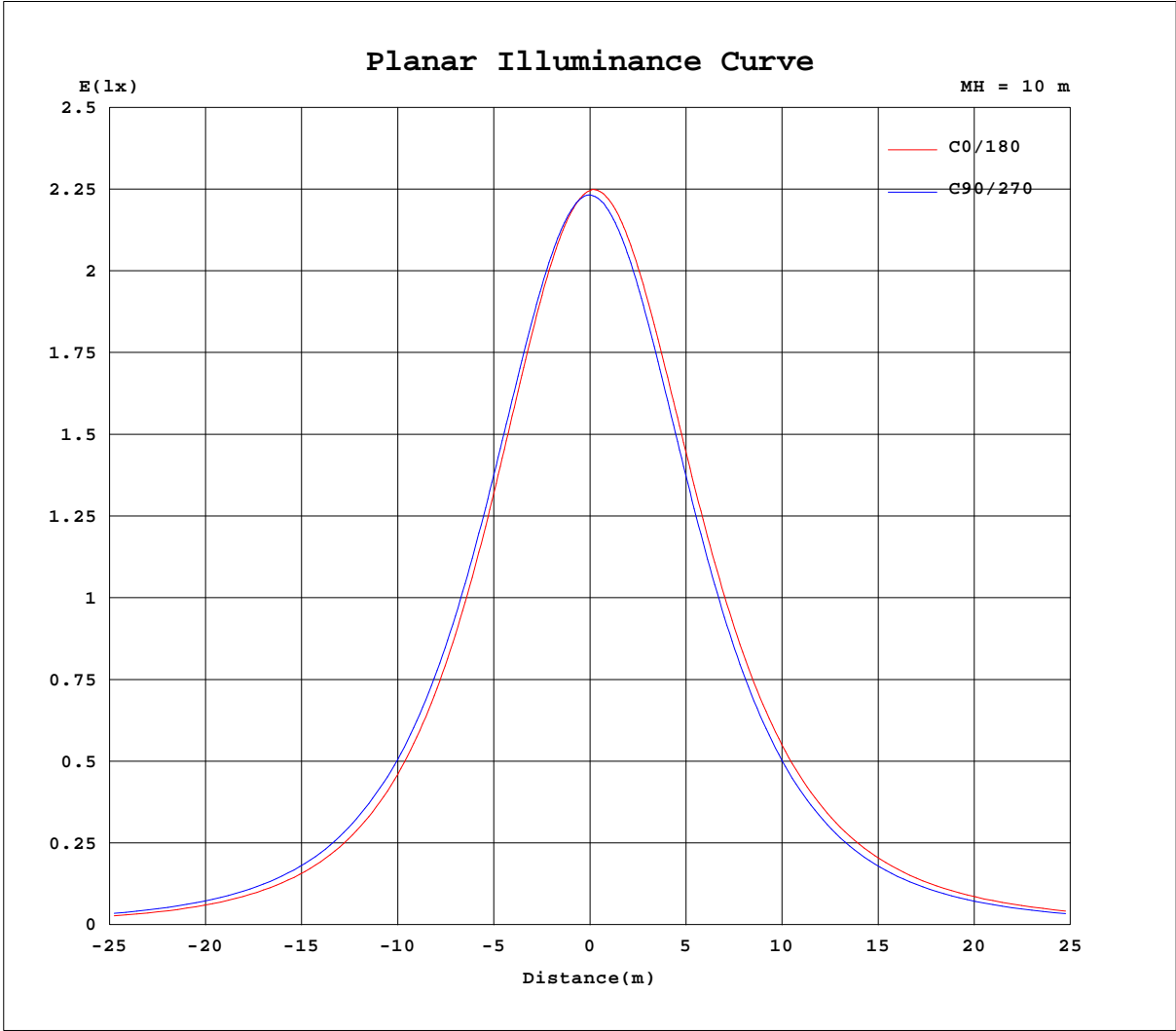
AvgL	cd/m2
L_0~180(65)av	7311
L_0~180(75)av	6845
L_0~180(85)av	7162
L_90~270(65)av	7264
L_90~270(75)av	6693
L_90~270(85)av	5458
L_45(65)av	7241
L_45(75)av	6739
L_45(85)av	6358

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:

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:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.9700A P:23.30W PF:1.000 Freq:0Hz Lamp Flux:545.964x2 lm		
NAME: AH5060-15A45合成	TYPE:	WEIGHT:
SPEC.:AH5060-15A45合成	DIM.: 500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:500*50	Shielding Angle:

Table--1

UNIT: cd

C(DEC) g (DEC)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	225	224	224	224	224	224	224	224	224	224	223	223	223	223	223	223	223	223	223
5	222	221	221	221	221	221	221	221	221	221	221	221	221	221	221	222	222	222	222
10	217	216	216	216	216	216	216	216	216	217	217	217	217	217	217	218	218	218	219
15	209	209	209	209	209	209	209	209	210	210	210	210	211	211	211	212	212	212	213
20	200	200	200	200	200	200	200	201	201	201	202	202	202	203	203	204	204	205	205
25	188	189	189	189	189	190	190	190	190	191	191	192	192	193	193	194	195	195	196
30	176	176	176	176	177	177	177	178	178	179	179	180	181	181	182	182	183	184	184
35	162	162	162	163	163	163	164	164	165	165	166	167	167	168	169	170	170	171	172
40	146	147	147	148	148	148	149	150	150	151	152	152	153	154	155	155	156	157	158
45	130	131	131	132	132	133	133	134	135	135	136	137	138	139	139	140	141	142	143
50	114	114	115	115	116	116	117	117	118	119	120	121	122	123	124	125	126	127	128
55	97.1	97.5	97.9	98.4	98.9	99.5	100	101	102	102	103	104	105	106	107	108	109	110	111
60	80.0	80.4	80.9	81.4	81.9	82.5	83.1	83.8	84.5	85.3	86.2	87.1	88.1	89.1	90.1	91.1	92.1	93.2	94.2
65	63.0	63.4	63.9	64.5	65.0	65.6	66.3	67.0	67.7	68.5	69.4	70.3	71.2	72.2	73.2	74.2	75.2	76.2	77.3
70	46.3	46.8	47.4	47.9	48.6	49.2	49.9	50.6	51.3	52.1	52.9	53.8	54.7	55.6	56.5	57.4	58.4	59.4	60.3
75	30.5	30.9	31.4	31.9	32.5	33.1	33.7	34.3	35.0	35.7	36.5	37.3	38.1	39.0	39.8	40.7	41.7	42.6	43.6
80	16.2	16.5	16.9	17.3	17.8	18.3	18.8	19.3	19.9	20.5	21.1	21.8	22.4	23.2	23.9	24.7	25.5	26.4	27.2
85	4.87	5.11	5.37	5.65	5.94	6.24	6.57	6.91	7.26	7.63	7.95	8.29	8.65	9.05	9.48	9.96	10.5	11.1	11.7
90	1.45	1.60	1.73	1.84	1.92	1.99	2.03	2.06	2.06	2.04	1.83	1.62	1.40	1.21	1.05	0.93	0.87	0.88	0.97
95	7.07	7.35	7.61	7.83	8.04	8.21	8.37	8.49	8.60	8.67	8.68	8.66	8.62	8.57	8.51	8.44	8.37	8.30	8.23
100	17.9	18.2	18.4	18.7	18.9	19.1	19.3	19.4	19.6	19.6	19.7	19.7	19.6	19.6	19.5	19.5	19.4	19.3	19.3
105	29.2	29.5	29.7	29.9	30.0	30.2	30.3	30.5	30.6	30.7	30.8	30.9	30.9	31.0	31.0	31.0	31.1	31.1	31.1
110	41.1	41.2	41.4	41.5	41.6	41.8	41.9	42.0	42.1	42.3	42.4	42.5	42.6	42.8	42.9	43.0	43.1	43.2	43.2
115	53.2	53.3	53.3	53.4	53.5	53.7	53.8	53.9	54.0	54.2	54.4	54.6	54.8	55.0	55.2	55.4	55.6	55.7	55.9
120	65.4	65.5	65.6	65.7	65.8	65.9	66.0	66.2	66.4	66.5	66.8	67.1	67.3	67.6	67.9	68.1	68.3	68.5	68.7
125	77.9	77.9	78.0	78.1	78.2	78.3	78.5	78.7	78.8	79.0	79.3	79.6	79.9	80.2	80.5	80.8	81.1	81.3	81.6
130	90.2	90.3	90.4	90.5	90.6	90.7	90.9	91.1	91.3	91.5	91.8	92.1	92.5	92.8	93.1	93.4	93.7	94.0	94.2
135	103	103	103	103	103	103	103	103	104	104	104	104	105	105	105	106	106	106	107
140	114	115	115	115	115	115	115	115	116	116	116	116	117	117	117	118	118	118	118
145	126	126	126	126	126	127	127	127	127	127	128	128	128	128	129	129	129	129	129
150	137	137	137	137	137	137	137	138	138	138	138	138	139	139	139	139	139	139	140
155	146	146	146	147	147	147	147	147	147	147	148	148	148	148	148	148	149	149	149
160	155	155	155	155	155	155	155	156	156	156	156	156	156	156	156	156	156	157	157
165	162	162	162	162	162	162	162	162	163	163	163	163	163	163	163	163	163	163	163
170	167	167	167	167	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168
175	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171
180	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169

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:0.9700A P:23.30W PF:1.000 Freq:0Hz Lamp Flux:545.964x2 lm		
NAME: AH5060-15A45合成	TYPE:	WEIGHT:
SPEC.:AH5060-15A45合成	DIM.: 500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:500*50	Shielding Angle:

Table--2

UNIT: cd

C(DEG) g (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	223	223	223	223	223	223	223	223	224	224	224	224	224	224	224	224	225	225	225
5	222	222	222	223	223	223	223	223	223	224	224	224	224	225	225	225	225	225	225
10	219	219	219	220	220	220	220	221	221	221	222	222	222	223	223	223	223	224	223
15	213	214	214	214	215	215	216	216	217	217	217	218	218	219	219	219	219	219	219
20	206	206	207	207	208	208	209	209	210	210	211	211	212	212	213	213	213	213	213
25	196	197	198	198	199	199	200	201	201	202	202	203	203	204	204	205	205	205	205
30	185	186	187	187	188	189	189	190	191	191	192	193	193	194	194	194	195	195	195
35	173	173	174	175	176	176	177	178	179	179	180	181	181	182	182	183	183	183	183
40	159	160	161	161	162	163	164	164	165	166	167	167	168	169	169	169	170	170	170
45	144	145	146	147	148	148	149	150	151	151	152	153	154	154	155	155	156	156	155
50	129	130	131	132	132	133	134	134	135	136	137	138	138	139	140	140	140	140	140
55	112	113	114	115	116	117	117	118	119	120	121	122	122	123	124	124	124	125	124
60	95.2	96.2	97.2	98.1	99.1	100.0	101	102	103	104	104	105	106	107	107	108	108	108	108
65	78.3	79.3	80.3	81.3	82.3	83.3	84.2	85.1	86.0	86.9	87.8	88.6	89.4	90.0	90.6	91.0	91.3	91.5	91.2
70	61.4	62.4	63.4	64.4	65.5	66.4	67.4	68.3	69.2	70.2	71.1	71.9	72.7	73.3	73.9	74.3	74.6	74.8	74.5
75	44.6	45.7	46.7	47.8	48.8	49.9	50.9	51.8	52.8	53.7	54.6	55.4	56.1	56.7	57.2	57.7	57.9	58.1	57.8
80	28.3	29.3	30.4	31.5	32.5	33.6	34.6	35.6	36.6	37.5	38.3	39.1	39.8	40.5	41.0	41.4	41.7	41.8	41.6
85	12.6	13.6	14.7	15.8	16.8	17.9	19.0	20.0	21.0	21.9	22.8	23.6	24.3	24.9	25.4	25.9	26.2	26.3	26.1
90	1.50	2.12	2.81	3.55	4.34	5.17	6.01	6.86	7.70	8.51	9.28	10.0	10.7	11.3	11.8	12.3	12.6	12.9	12.7
95	8.16	8.11	8.07	8.05	8.05	8.08	8.15	8.25	8.38	8.80	9.25	9.72	10.2	10.6	11.1	11.5	11.8	12.1	11.9
100	19.3	19.2	19.2	19.2	19.3	19.3	19.3	19.3	19.4	19.5	19.6	19.7	19.9	20.0	20.1	20.2	20.3	20.4	20.3
105	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.2	31.2	31.3	31.4	31.5	31.6	31.6	31.7	31.8	31.8
110	43.3	43.3	43.3	43.3	43.3	43.2	43.2	43.2	43.2	43.3	43.3	43.4	43.4	43.5	43.6	43.7	43.7	43.8	43.9
115	55.9	55.9	55.9	55.9	55.9	55.8	55.8	55.8	55.7	55.8	55.8	55.8	55.9	55.9	56.0	56.1	56.2	56.2	56.3
120	68.8	68.8	68.7	68.7	68.7	68.6	68.6	68.5	68.5	68.5	68.5	68.6	68.7	68.8	68.8	68.9	69.0	69.1	69.2
125	81.6	81.6	81.5	81.5	81.4	81.3	81.3	81.2	81.1	81.2	81.3	81.4	81.5	81.6	81.7	81.8	82.0	82.1	82.2
130	94.2	94.2	94.2	94.1	94.0	93.9	93.8	93.7	93.6	93.7	93.8	94.0	94.1	94.3	94.5	94.6	94.8	95.0	95.1
135	107	107	106	106	106	106	106	106	106	106	106	106	107	107	107	107	107	108	108
140	118	118	118	118	118	118	118	118	118	118	118	118	119	119	119	119	119	120	120
145	129	129	129	129	129	129	129	129	129	129	129	130	130	130	130	131	131	131	131
150	140	140	139	139	139	139	139	139	139	140	140	140	140	141	141	141	141	142	142
155	149	149	149	149	149	149	149	149	149	149	149	149	150	150	150	150	151	151	151
160	157	157	157	157	157	157	157	157	157	157	157	157	157	158	158	158	158	159	159
165	163	163	163	163	163	163	163	163	163	163	163	164	164	164	164	164	165	165	165
170	168	168	168	168	168	168	168	168	168	168	168	168	168	169	169	169	169	169	169
175	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	172	172	172
180	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169

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:0.9700A P:23.30W PF:1.000 Freq:0Hz Lamp Flux:545.964x2 lm		
NAME: AH5060-15A45合成	TYPE:	WEIGHT:
SPEC.:AH5060-15A45合成	DIM.: 500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:500*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	224	224	224	224	224	224	224	224	223	223	223	223	223	223	223	223	223	223	223
5	225	225	224	224	224	224	223	223	223	223	223	223	222	222	222	222	222	222	222
10	223	223	223	222	222	221	221	221	220	220	220	220	219	219	219	219	218	218	218
15	219	219	218	218	217	217	216	216	216	215	215	214	214	214	213	213	213	212	212
20	213	212	212	211	211	210	210	209	209	208	208	207	207	206	206	205	205	204	204
25	204	204	204	203	202	202	201	200	200	199	199	198	198	197	196	196	195	195	194
30	194	194	193	193	192	191	191	190	189	189	188	187	187	186	185	185	184	183	183
35	183	182	181	181	180	179	179	178	177	176	176	175	174	173	173	172	171	170	170
40	169	169	168	167	167	166	165	164	164	163	162	161	161	160	159	158	157	156	155
45	155	154	154	153	152	151	151	150	149	148	147	147	146	145	144	143	142	141	140
50	140	139	139	138	137	136	135	134	133	133	132	131	130	129	128	127	126	125	124
55	124	123	123	122	121	120	119	118	117	116	115	115	114	113	112	111	110	109	108
60	107	107	106	105	104	104	103	102	101	99.8	98.9	98.0	97.1	96.1	95.1	94.2	93.2	92.0	90.9
65	90.7	90.1	89.4	88.6	87.7	86.8	85.8	84.8	83.9	83.0	82.1	81.2	80.2	79.2	78.2	77.2	76.2	75.1	74.0
70	74.0	73.4	72.7	71.9	71.1	70.1	69.1	68.1	67.2	66.3	65.4	64.4	63.4	62.4	61.4	60.4	59.4	58.3	57.2
75	57.4	56.8	56.2	55.4	54.6	53.7	52.7	51.7	50.9	49.9	49.0	48.0	47.1	46.1	45.1	44.1	43.0	42.0	40.9
80	41.2	40.7	40.1	39.4	38.6	37.8	36.9	35.9	35.0	34.1	33.2	32.3	31.3	30.3	29.3	28.3	27.3	26.3	25.2
85	25.8	25.4	24.8	24.2	23.5	22.7	21.8	20.9	20.0	19.0	18.0	17.0	16.0	15.0	14.0	13.0	12.1	11.2	10.4
90	12.4	12.0	11.5	11.0	10.3	9.63	8.89	8.12	7.31	6.48	5.66	4.85	4.06	3.31	2.60	1.95	1.38	1.16	1.02
95	11.7	11.4	11.0	10.7	10.3	9.93	9.56	9.21	8.91	8.54	8.18	7.82	7.46	7.10	6.74	6.38	6.02	5.66	5.30
100	20.3	20.2	20.1	20.0	19.9	19.9	19.8	19.8	19.8	19.9	20.0	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.8
105	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	32.0	32.1	32.2	32.3	32.5	32.6	32.7	32.8	32.9	32.9	32.8
110	43.9	44.0	44.1	44.1	44.2	44.3	44.4	44.4	44.6	44.7	44.9	45.0	45.2	45.3	45.4	45.5	45.5	45.5	45.4
115	56.4	56.5	56.6	56.7	56.9	57.0	57.1	57.2	57.4	57.6	57.8	57.9	58.1	58.2	58.3	58.4	58.4	58.3	58.2
120	69.3	69.5	69.6	69.7	69.8	70.0	70.1	70.2	70.4	70.6	70.8	71.0	71.2	71.3	71.4	71.5	71.5	71.4	71.2
125	82.3	82.5	82.6	82.7	82.8	83.0	83.1	83.3	83.5	83.7	84.0	84.2	84.4	84.5	84.7	84.8	84.8	84.6	84.4
130	95.3	95.4	95.6	95.7	95.8	96.0	96.1	96.3	96.5	96.8	97.0	97.2	97.4	97.5	97.6	97.7	97.7	97.5	97.2
135	108	108	108	108	108	109	109	109	109	109	109	109	110	110	110	110	110	109	109
140	120	120	120	120	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121
145	131	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132
150	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142
155	151	151	151	151	152	152	152	152	152	152	152	152	151	151	151	151	151	151	151
160	159	159	159	159	159	159	159	159	159	159	159	159	159	159	159	159	158	158	158
165	165	165	165	165	165	166	166	166	165	165	165	165	165	165	165	165	165	164	164
170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	169	169	169	169	169
175	172	172	172	172	172	172	172	172	172	172	172	172	172	172	172	172	172	172	172
180	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169

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:0.9700A P:23.30W PF:1.000 Freq:0Hz Lamp Flux:545.964x2 lm																	
NAME: AH5060-15A45合成									TYPE:						WEIGHT:		
SPEC.:AH5060-15A45合成									DIM.: 500*50*60						SERIAL No.:		
MFR.: COLORS									SUR.:500*50						Shielding Angle:		

Table--4

UNIT: cd

C(DEC) g (DEC)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	223	223	223	223	223	223	224	224	224	224	224	224	224	224	224				
5	222	221	221	221	221	221	221	221	221	221	221	221	221	221	221				
10	218	217	217	217	217	217	216	216	216	216	216	216	216	216	216				
15	211	211	211	210	210	210	210	209	209	209	209	209	209	209	209				
20	203	203	202	202	202	201	201	201	200	200	200	200	200	200	200				
25	193	193	192	192	191	191	190	190	189	189	189	189	189	188	188				
30	182	181	180	180	179	178	178	177	177	177	176	176	176	176	176				
35	169	168	167	166	166	165	164	164	163	163	163	162	162	162	162				
40	155	154	153	152	151	150	149	149	148	148	147	147	147	147	146				
45	139	138	137	136	135	135	134	133	133	132	132	131	131	131	131				
50	123	122	121	120	119	118	117	117	116	116	115	115	114	114	114				
55	107	105	104	103	102	101	101	99.9	99.3	98.7	98.3	97.9	97.6	97.4	97.2				
60	89.8	88.6	87.5	86.5	85.5	84.5	83.6	82.9	82.3	81.8	81.3	80.9	80.6	80.3	80.1				
65	72.9	71.8	70.7	69.6	68.6	67.7	66.8	66.1	65.5	64.9	64.4	64.0	63.6	63.3	63.1				
70	56.1	55.1	54.0	53.0	52.0	51.1	50.2	49.5	48.9	48.3	47.8	47.4	47.0	46.7	46.5				
75	39.9	38.8	37.8	36.8	35.9	35.0	34.2	33.5	32.9	32.4	31.9	31.5	31.1	30.9	30.6				
80	24.2	23.2	22.3	21.3	20.5	19.6	18.9	18.3	17.8	17.4	17.0	16.7	16.5	16.3	16.2				
85	9.59	8.84	8.13	7.48	6.88	6.33	5.85	5.48	5.18	4.94	4.77	4.66	4.62	4.64	4.72				
90	0.95	0.93	0.95	1.02	1.11	1.22	1.35	1.35	1.36	1.37	1.38	1.39	1.40	1.42	1.43				
95	9.31	9.36	9.40	9.41	9.41	9.39	9.34	9.21	9.05	8.86	8.64	8.39	8.10	7.79	7.45				
100	20.8	20.8	20.8	20.7	20.6	20.5	20.4	20.2	20.0	19.8	19.6	19.3	19.0	18.6	18.3				
105	32.8	32.7	32.7	32.5	32.4	32.2	32.1	31.8	31.6	31.3	31.1	30.7	30.4	30.0	29.7				
110	45.3	45.2	45.0	44.8	44.6	44.4	44.1	43.9	43.6	43.3	43.0	42.6	42.3	41.9	41.5				
115	58.0	57.9	57.6	57.4	57.1	56.8	56.5	56.2	55.9	55.6	55.2	54.8	54.4	54.0	53.6				
120	71.0	70.7	70.5	70.2	69.8	69.5	69.1	68.8	68.4	68.0	67.6	67.2	66.8	66.4	65.9				
125	84.1	83.8	83.4	83.0	82.6	82.2	81.7	81.3	80.9	80.5	80.1	79.7	79.2	78.8	78.3				
130	96.9	96.5	96.1	95.7	95.2	94.7	94.2	93.8	93.4	92.9	92.5	92.1	91.6	91.2	90.7				
135	109	109	108	108	107	107	107	106	106	105	105	104	104	104	103				
140	121	120	120	120	119	119	118	118	118	117	117	116	116	115	115				
145	131	131	131	131	130	130	129	129	129	128	128	128	127	127	126				
150	141	141	141	141	140	140	140	139	139	139	138	138	137	137	137				
155	150	150	150	150	149	149	149	148	148	148	148	147	147	147	147				
160	158	158	157	157	157	157	156	156	156	156	156	156	155	155	155				
165	164	164	164	163	163	163	163	163	162	162	162	162	162	162	162				
170	169	168	168	168	168	168	167	167	167	167	167	167	167	167	167				
175	171	171	171	171	171	171	170	170	170	170	170	170	170	170	171				
180	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169				

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: