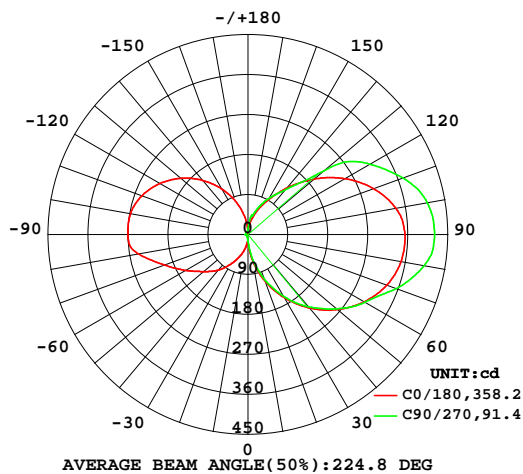


LUMINAIRE PHOTOMETRIC TEST REPORT

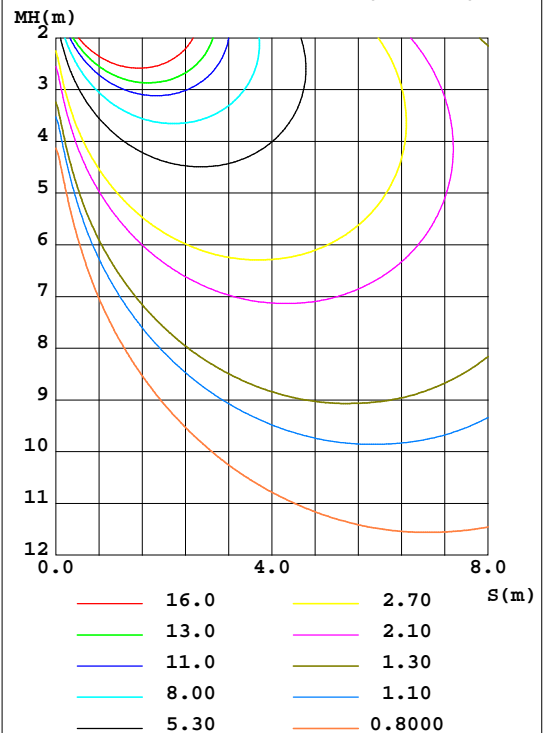
Test:U:24.00V I:1.640A P:39.33W PF:1.000 Freq:0Hz Lamp Flux:1014.03x2 lm		
NAME: AH5060-15N90合成	TYPE:	WEIGHT:
SPEC.:AH5060-15N90合成	DIM.: 1500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:1500*50	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 51.19 lm/W			
MODEL	AH5060-15N90合成	I _{max} (cd)	427.9	S/MH(C0/180)	5.59
NOMINAL POWER(W)	39.33	LOR(%)	99.3	S/MH(C90/270)	0.46
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	2013.5	h UP,DN(C0-180)	40.6,42.6
NOMINAL FLUX(lm)	1014.03	CIE CLASS	DIFFUSE	h UP,DN(C180-360)	8.2,7.8
LAMPS INSIDE	2	h up(%)	48.9	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	24	h down(%)	50.4	CIBSE SHR MAX	1.00

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:

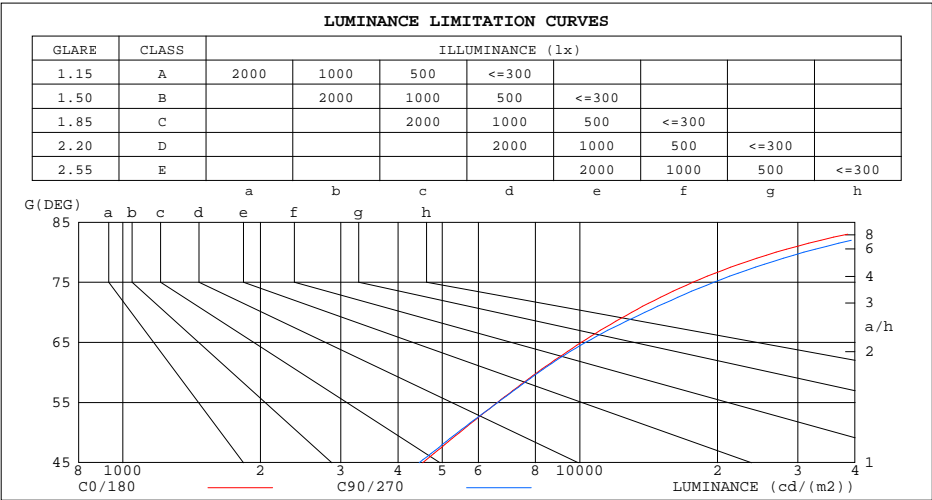
g	C0	C45	C90	C135	C180	C225	C270	C315	g	F zone	F total	%lum,lamp
10	58.12	52.82	52.22	48.41	28.00	8.211	8.233	8.688	0- 10	2.278	2.278	0.11,0.11
20	111.0	106.9	105.7	98.76	50.83	4.792	4.815	5.139	10- 20	13.36	15.64	0.78,0.77
30	164.5	162.3	160.5	150.7	76.55	2.967	2.963	3.324	20- 30	34.84	50.47	2.51,2.49
40	216.2	215.2	212.7	200.6	104.9	2.725	2.793	2.886	30- 40	65.75	116.2	5.77,5.73
50	263.0	263.4	260.5	246.7	130.2	3.821	3.831	3.519	40- 50	102.3	218.5	10.9,10.8
60	302.8	308.4	304.9	289.4	162.1	4.315	4.423	4.409	50- 60	142.1	360.7	17.9,17.8
70	333.0	358.9	356.0	340.1	200.7	5.144	5.231	5.168	60- 70	182.5	543.2	27,26.8
80	350.0	406.8	403.0	386.3	251.1	5.844	5.939	5.822	70- 80	225.1	768.3	38.2,37.9
90	353.5	424.1	419.9	404.0	270.5	6.746	6.719	6.713	80- 90	253.8	1022	50.8,50.4
100	338.6	414.3	410.1	394.5	268.9	6.249	6.151	6.179	90-100	255.0	1277	63.4,63
110	301.7	376.1	371.7	355.3	254.6	5.830	5.871	5.844	100-110	233.7	1511	75,74.5
120	251.8	319.7	317.3	306.9	229.8	5.852	5.939	5.997	110-120	193.5	1704	84.6,84
130	194.6	235.6	224.0	191.1	197.3	5.878	6.050	6.037	120-130	143.4	1848	91.8,91.1
140	137.1	134.6	132.1	128.3	159.5	6.053	6.266	6.388	130-140	82.82	1930	95.9,95.2
150	88.88	95.42	93.75	93.05	118.8	6.294	6.447	6.672	140-150	47.17	1978	98.2,97.5
160	54.04	62.32	61.38	61.31	77.57	6.513	6.693	6.873	150-160	24.39	2002	99.4,98.7
170	25.86	41.74	42.31	43.73	36.86	6.561	6.820	7.067	160-170	9.641	2012	99.9,99.2
180	5.404	5.404	5.404	5.404	5.404	5.404	5.404	5.404	170-180	1.802	2013	100,99.3
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
 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:1.640A P:39.33W PF:1.000 Freq:0Hz Lamp Flux:1014.03x2 lm		
NAME: AH5060-15N90合成	TYPE:	WEIGHT:
SPEC.:AH5060-15N90合成	DIM.: 1500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:1500*50	Shielding Angle:



LUMINANCE cd/(m2)		
G(°)	C0/180	C90/270
85	54046	63829
80	26873	30944
75	17676	19647
70	12983	13877
65	10073	10295
60	8075	8131
55	6600	6612
50	5456	5404
45	4534	4454

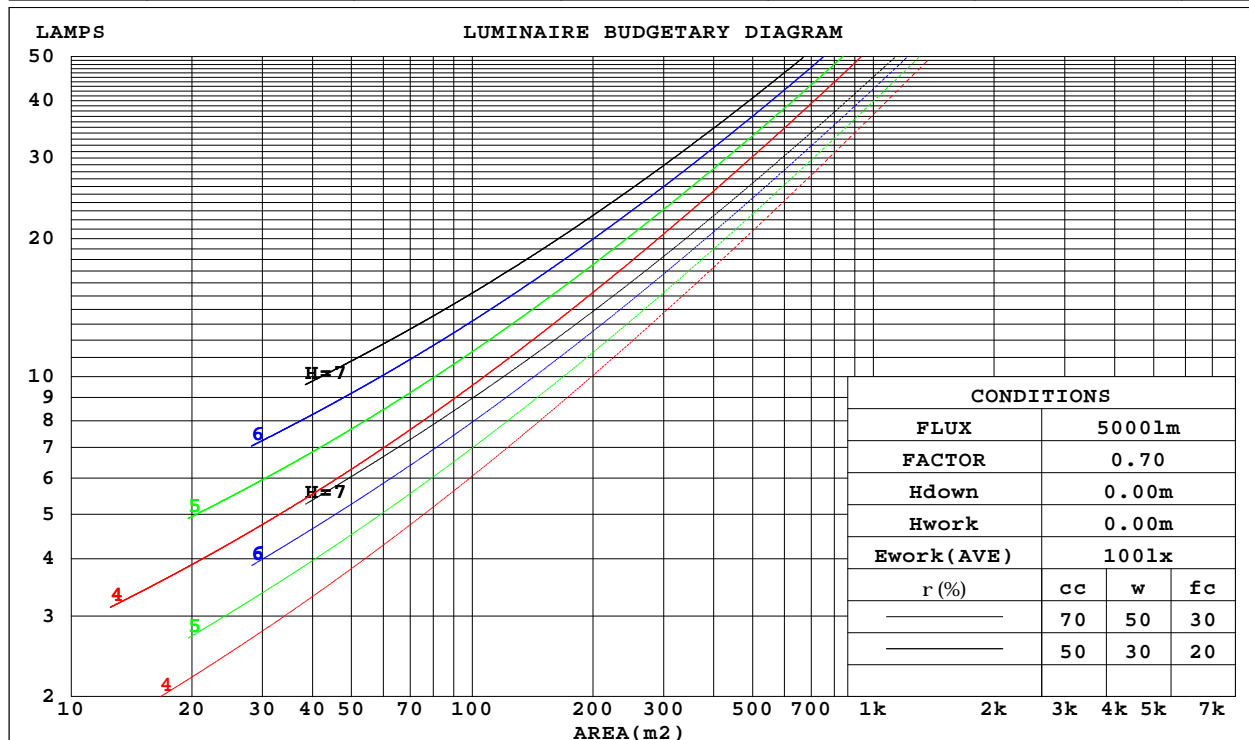
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:JYH
Test Date:

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:1.640A P:39.33W PF:1.000 Freq:0Hz Lamp Flux:1014.03x2 lm		
NAME: AH5060-15N90合成	TYPE:	WEIGHT:
SPEC.:AH5060-15N90合成	DIM.: 1500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:1500*50	Shielding Angle:

r _{cc}	80%			70%			50%			30%			10%			0
r _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.07	1.07	1.07	.98	.98	.98	.83	.83	.83	.69	.69	.69	.56	.56	.56	.50
1.0	.84	.78	.72	.77	.71	.66	.63	.59	.55	.51	.48	.45	.40	.37	.35	.29
2.0	.70	.61	.54	.64	.56	.50	.52	.46	.41	.42	.37	.33	.32	.28	.25	.20
3.0	.60	.50	.42	.54	.46	.39	.44	.37	.32	.35	.30	.25	.26	.22	.19	.14
4.0	.52	.42	.34	.47	.38	.31	.38	.31	.26	.30	.25	.20	.22	.18	.15	.11
5.0	.45	.35	.28	.41	.32	.26	.33	.26	.21	.26	.21	.16	.20	.15	.12	.08
6.0	.40	.31	.24	.36	.28	.22	.30	.23	.18	.23	.18	.14	.17	.13	.10	.07
7.0	.36	.27	.20	.33	.24	.18	.27	.20	.15	.21	.16	.12	.16	.11	.08	.05
8.0	.32	.23	.17	.29	.21	.16	.24	.17	.13	.19	.14	.10	.14	.10	.07	.04
9.0	.29	.21	.15	.27	.19	.14	.22	.16	.11	.17	.12	.09	.13	.09	.06	.04
10.0	.26	.19	.13	.24	.17	.12	.20	.14	.10	.16	.11	.08	.12	.08	.05	.03



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:1.640A P:39.33W PF:1.000 Freq:0Hz Lamp Flux:1014.03x2 lm		
NAME: AH5060-15N90合成	TYPE:	WEIGHT:
SPEC.:AH5060-15N90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	.451	.256	.081	.429	.245	.078	.387	.222	.071	.349	.201	.065	.314	.182	.059	
2.0	.367	.201	.062	.346	.191	.059	.308	.172	.053	.273	.153	.048	.241	.136	.043	
3.0	.315	.168	.050	.297	.159	.048	.262	.142	.043	.230	.126	.039	.200	.111	.034	
4.0	.278	.144	.042	.261	.136	.040	.229	.121	.036	.199	.107	.032	.172	.093	.028	
5.0	.248	.127	.037	.233	.120	.035	.204	.106	.031	.176	.093	.028	.151	.081	.024	
6.0	.225	.113	.032	.211	.107	.031	.184	.094	.027	.159	.082	.024	.135	.071	.021	
7.0	.206	.102	.029	.193	.096	.027	.168	.085	.024	.144	.074	.022	.122	.064	.019	
8.0	.190	.093	.026	.178	.087	.025	.154	.077	.022	.132	.067	.019	.112	.057	.017	
9.0	.176	.085	.024	.164	.080	.022	.143	.071	.020	.123	.061	.018	.103	.052	.015	
10.0	.164	.079	.022	.153	.074	.021	.133	.065	.018	.114	.057	.016	.096	.048	.014	

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	.562	.562	.562	.480	.480	.480	.328	.328	.328	.188	.188	.188	.060	.060	.060	
1.0	.564	.529	.498	.483	.454	.428	.330	.313	.296	.190	.181	.172	.061	.058	.056	
2.0	.559	.509	.466	.479	.438	.403	.328	.303	.281	.189	.176	.165	.061	.057	.054	
3.0	.552	.494	.447	.474	.426	.388	.325	.296	.272	.188	.173	.160	.060	.056	.053	
4.0	.545	.483	.435	.468	.417	.378	.322	.291	.266	.186	.170	.157	.060	.055	.052	
5.0	.537	.474	.427	.461	.410	.371	.318	.286	.262	.184	.168	.156	.059	.055	.051	
6.0	.530	.467	.421	.455	.404	.367	.314	.283	.260	.182	.166	.154	.059	.054	.051	
7.0	.523	.461	.417	.450	.399	.363	.311	.280	.257	.181	.165	.153	.058	.054	.051	
8.0	.516	.455	.414	.444	.395	.361	.307	.277	.256	.179	.164	.152	.058	.054	.050	
9.0	.510	.451	.411	.439	.391	.359	.304	.275	.255	.177	.163	.152	.057	.053	.050	
10.0	.504	.447	.409	.435	.388	.357	.301	.273	.254	.176	.162	.151	.057	.053	.050	

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:1.640A P:39.33W PF:1.000 Freq:0Hz Lamp Flux:1014.03x2 lm											
NAME: AH5060-15N90合成						TYPE:		WEIGHT:			
SPEC.:AH5060-15N90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	16.0	17.1	16.8	18.0	19.2	16.0	17.1	16.8	18.0	19.2	
	3H	19.7	20.7	20.6	21.7	22.9	19.9	20.9	20.8	21.9	23.1
	4H	21.8	22.8	22.7	23.7	24.9	22.1	23.1	23.0	24.1	25.3
	6H	24.0	24.9	24.9	25.9	27.1	24.6	25.5	25.5	26.4	27.7
	8H	25.2	26.1	26.1	27.1	28.3	25.9	26.8	26.8	27.8	29.0
	12H	26.6	27.4	27.5	28.4	29.6	27.4	28.2	28.3	29.2	30.4
4H	2H	17.2	18.2	18.1	19.1	20.3	17.2	18.2	18.1	19.1	20.3
	3H	21.0	21.9	21.9	22.8	24.1	21.2	22.0	22.1	23.0	24.2
	4H	23.2	24.0	24.1	25.0	26.2	23.5	24.3	24.4	25.3	26.5
	6H	25.6	26.3	26.5	27.3	28.6	26.1	26.8	27.0	27.8	29.0
	8H	26.9	27.5	27.8	28.5	29.8	27.5	28.1	28.4	29.1	30.4
	12H	28.3	28.9	29.3	29.9	31.2	29.0	29.6	30.0	30.6	32.0
8H	4H	24.1	24.8	25.1	25.8	27.1	24.3	25.0	25.3	26.0	27.3
	6H	26.8	27.3	27.7	28.3	29.7	27.1	27.7	28.1	28.7	30.0
	8H	28.2	28.7	29.2	29.8	31.1	28.7	29.2	29.7	30.3	31.6
	12H	29.9	30.3	30.9	31.4	32.7	30.5	30.9	31.5	32.0	33.3
12H	4H	24.4	25.0	25.4	26.0	27.3	24.6	25.2	25.6	26.2	27.5
	6H	27.2	27.7	28.2	28.7	30.0	27.5	28.0	28.5	29.0	30.4
	8H	28.8	29.2	29.8	30.3	31.6	29.2	29.6	30.2	30.7	32.0
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.4					

CIE Pub.117, 2028 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.5)

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:1.640A P:39.33W PF:1.000 Freq:0Hz Lamp Flux:1014.03x2 lm		
NAME: AH5060-15N90合成	TYPE:	WEIGHT:
SPEC.:AH5060-15N90合成	DIM.: 1500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:1500*50	Shielding Angle:

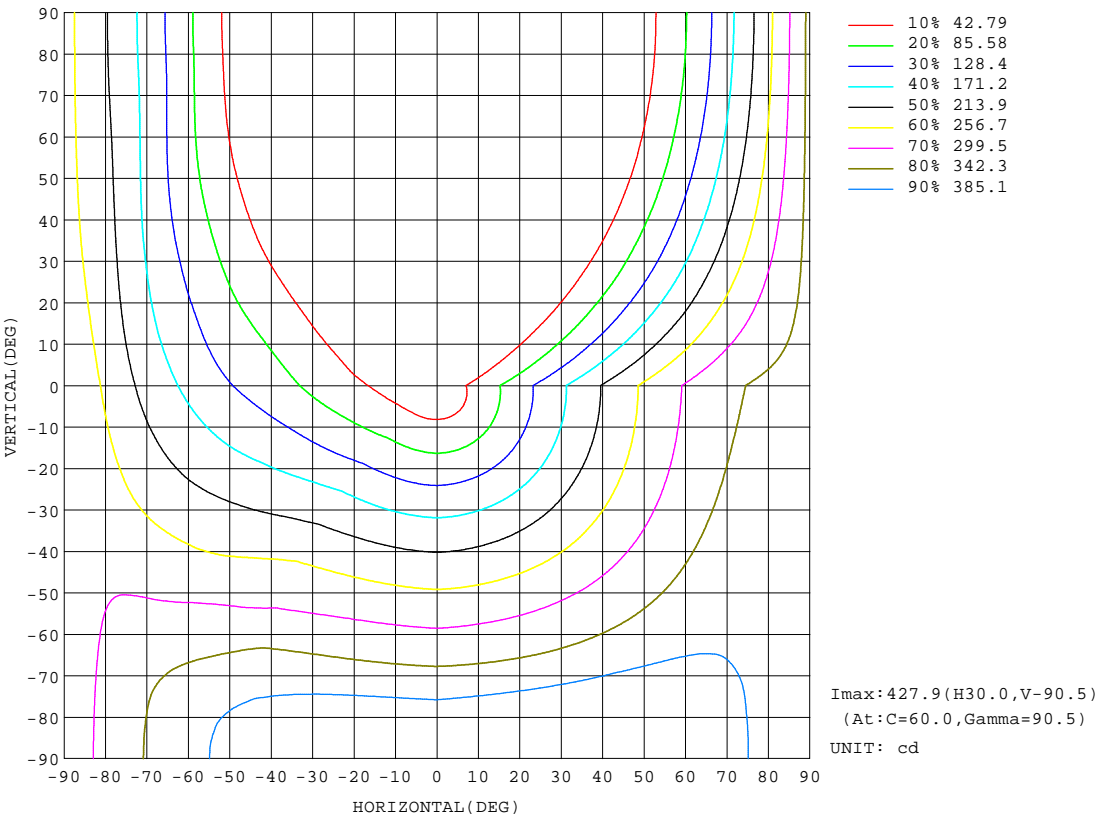
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	33	20	13	31	19	12	28	17	11	4
0.80	41	27	18	39	25	17	34	23	15	6
1.00	48	33	24	45	31	22	39	30	20	9
1.25	55	40	30	51	37	28	44	33	25	11
1.50	60	45	35	56	42	33	48	37	29	14
2.00	68	54	44	63	50	41	53	43	36	18
2.50	73	60	50	68	56	47	57	48	40	21
3.00	78	65	56	71	61	52	60	52	45	23
4.00	83	73	64	77	67	59	64	57	51	27
5.00	87	77	70	80	72	65	67	61	55	30
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:1.640A P:39.33W PF:1.000 Freq:0Hz Lamp Flux:1014.03x2 lm		
NAME: AH5060-15N90合成	TYPE:	WEIGHT:
SPEC.:AH5060-15N90合成	DIM.: 1500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:1500*50	Shielding Angle:

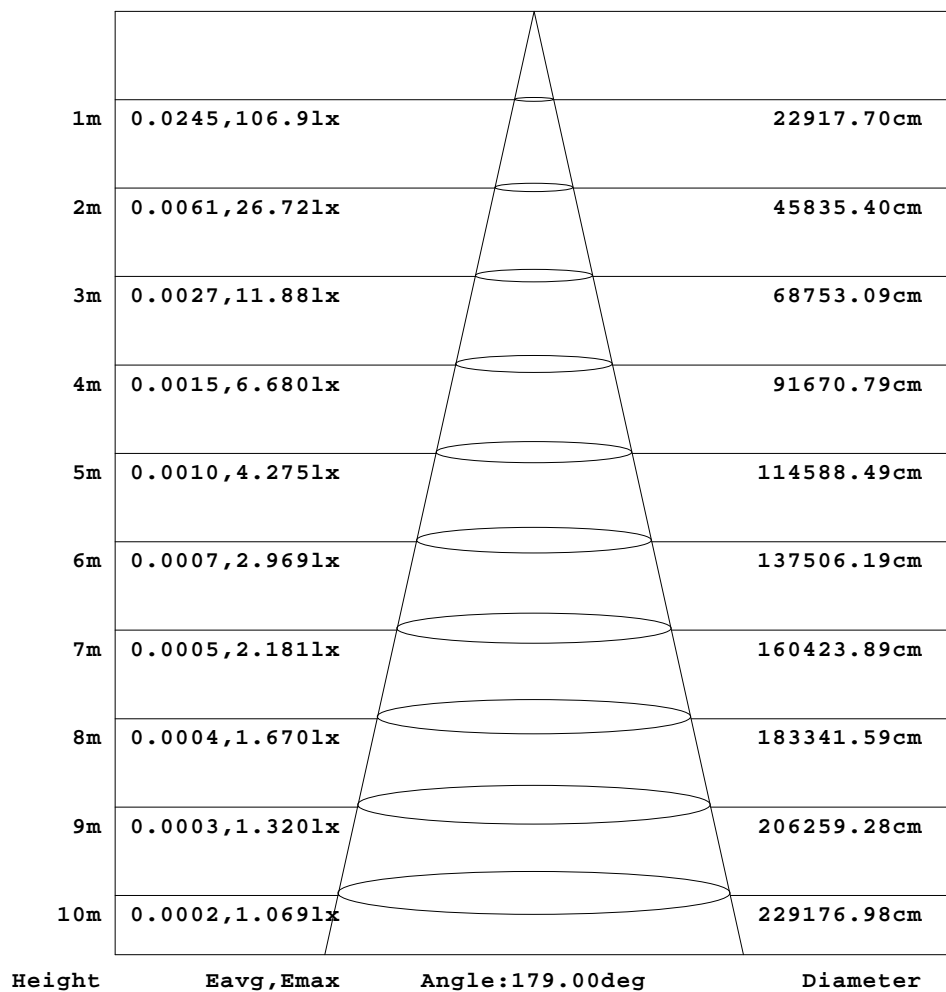


C Range: 0 - 360DEG	deg Range: 0 - 180DEG
C Interval: 5.0DEG	Interval: 0.5DEG
Test Speed: MEDIUM	Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.362
Temperature:25.3DEG	Humidity:65.0%
Operators:JYH	Test Distance:10.000m [K=1.0000]
Test Date:	Remarks:

AAI Figure

Test:U:24.00V I:1.640A P:39.33W PF:1.000 Freq:0Hz Lamp Flux:1014.03x2 lm		
NAME: AH5060-15N90合成	TYPE:	WEIGHT:
SPEC.:AH5060-15N90合成	DIM.: 1500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:1500*50	Shielding Angle:

Flux out:1009 lm



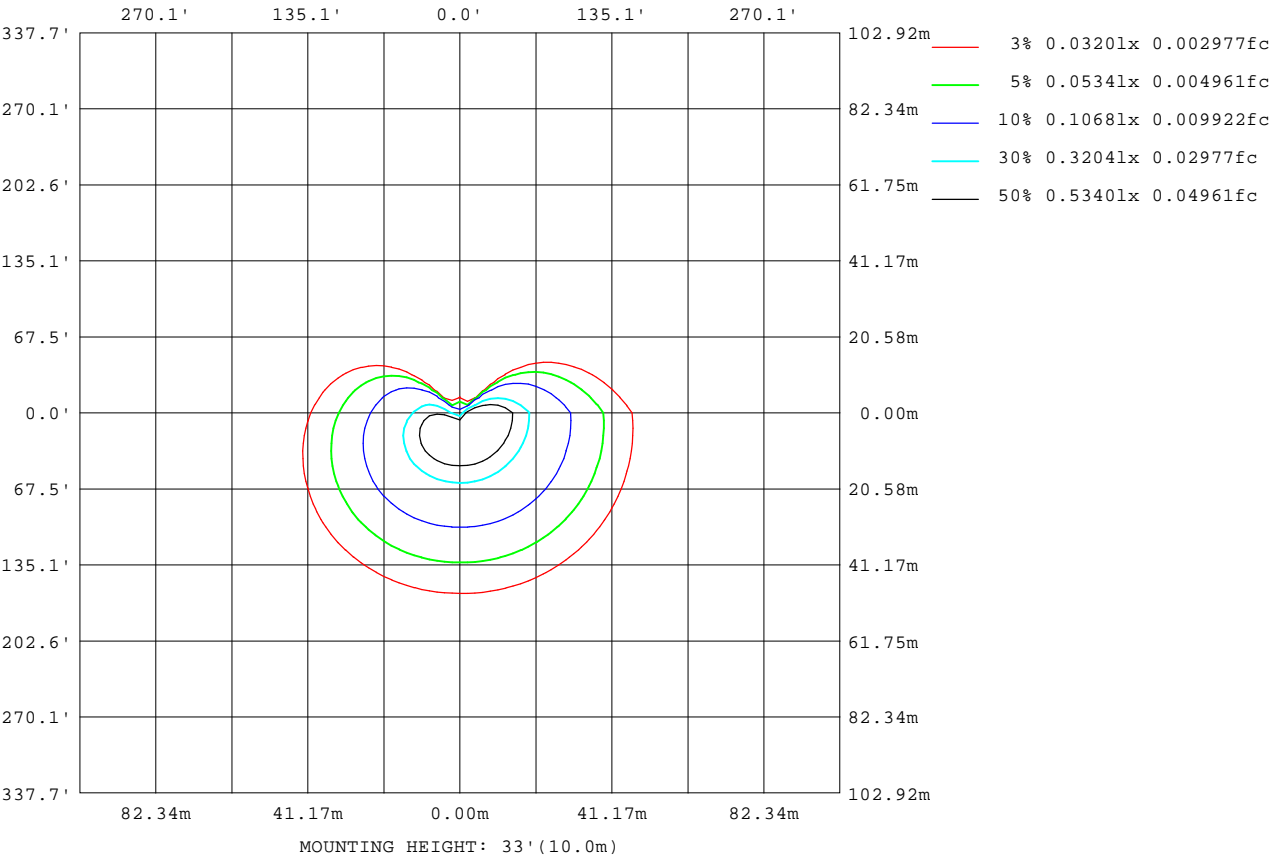
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:1.640A P:39.33W PF:1.000 Freq:0Hz Lamp Flux:1014.03x2 lm		
NAME: AH5060-15N90合成	TYPE:	WEIGHT:
SPEC.:AH5060-15N90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:1.640A P:39.33W PF:1.000 Freq:0Hz Lamp Flux:1014.03x2 lm		
NAME: AH5060-15N90合成	TYPE:	WEIGHT:
SPEC.:AH5060-15N90合成	DIM.: 1500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:1500*50	Shielding Angle:

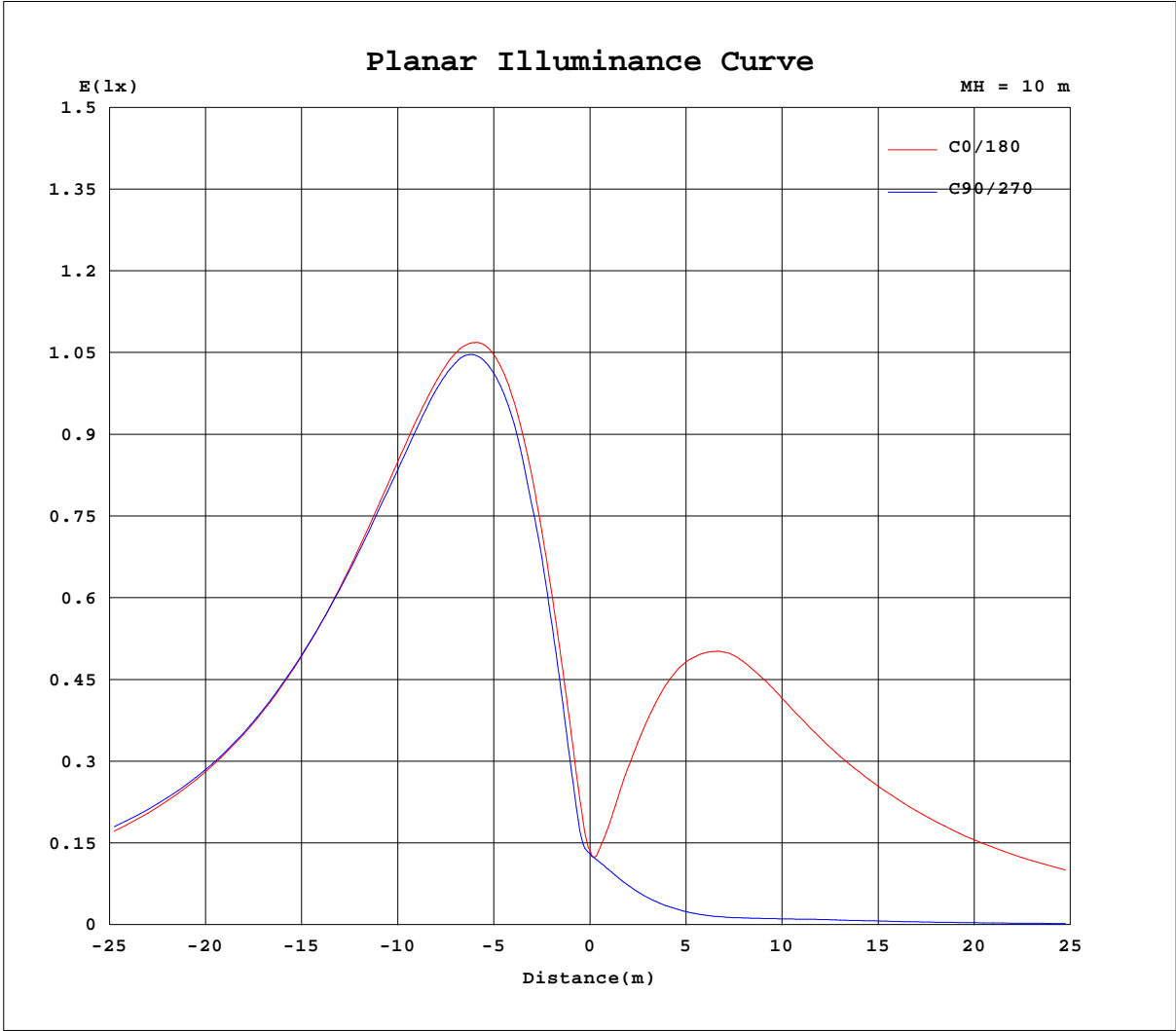
AvgL	cd/m2
L_0~180(65)av	7883
L_0~180(75)av	14626
L_0~180(85)av	47515
L_90~270(65)av	5222
L_90~270(75)av	9967
L_90~270(85)av	32402
L_45(65)av	5126
L_45(75)av	9795
L_45(85)av	31933

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
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:1.640A P:39.33W PF:1.000 Freq:0Hz Lamp Flux:1014.03x2 lm		
NAME: AH5060-15N90合成	TYPE:	WEIGHT:
SPEC.:AH5060-15N90合成	DIM.: 1500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:1500*50	Shielding Angle:

Table--1

UNIT: cd

C(°) g (°)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	13.7	13.6	13.6	13.5	13.5	13.4	13.4	13.4	13.3	13.3	13.3	13.3	13.2	13.2	13.2	13.2	13.2	13.2	13.1
5	32.8	31.8	30.9	30.0	29.2	28.5	27.9	27.4	26.9	26.5	26.3	26.2	26.2	26.1	26.2	26.2	26.2	26.3	26.3
10	58.1	57.3	56.5	55.8	55.2	54.6	54.1	53.6	53.2	52.8	52.7	52.6	52.5	52.4	52.4	52.4	52.4	52.3	52.2
15	84.2	83.6	83.0	82.4	81.8	81.3	80.9	80.5	80.1	79.8	79.7	79.6	79.5	79.4	79.4	79.3	79.2	79.1	78.9
20	111	110	110	109	109	108	108	108	107	107	107	107	107	107	106	106	106	106	106
25	138	137	137	137	136	136	136	135	135	135	135	134	134	134	134	134	134	133	133
30	164	164	164	164	163	163	163	163	163	162	162	162	162	162	162	162	161	161	161
35	191	191	191	191	191	190	190	190	190	190	190	190	190	190	189	189	189	188	188
40	216	216	216	216	216	216	216	216	215	215	215	215	215	215	215	214	214	213	213
45	240	240	240	240	240	240	240	239	239	239	239	239	239	238	238	238	237	237	236
50	263	263	263	264	264	264	264	264	264	263	263	263	263	263	263	262	262	261	261
55	284	285	285	286	286	287	287	287	288	288	288	288	288	287	287	287	286	285	284
60	303	304	305	306	306	307	308	308	308	308	308	308	308	308	308	307	307	306	305
65	319	321	323	324	325	327	327	328	329	329	330	330	330	330	329	329	328	327	326
70	333	337	341	345	348	351	354	356	357	359	360	360	360	360	360	359	358	357	356
75	343	350	356	362	367	372	376	380	383	385	386	387	387	387	386	386	384	383	381
80	350	359	368	376	383	389	395	399	403	407	408	409	410	410	409	408	407	405	403
85	353	364	375	384	393	400	407	413	418	422	424	425	425	425	424	423	421	419	417
90	353	365	376	385	394	402	409	415	420	424	426	427	428	428	427	426	424	422	420
95	349	361	372	382	391	400	407	413	418	422	425	426	426	426	426	424	423	421	418
100	339	351	362	373	382	391	398	404	410	414	417	418	418	418	417	416	414	412	410
105	322	335	346	357	367	375	383	390	395	400	402	403	404	404	403	402	400	398	396
110	302	314	325	335	344	353	360	366	372	376	378	380	380	380	379	378	376	374	372
115	278	289	300	309	318	326	333	339	344	348	350	351	351	351	351	349	348	346	344
120	252	263	273	282	291	298	305	311	316	320	322	323	324	324	323	322	321	319	317
125	224	235	244	253	262	269	275	281	286	290	292	293	294	294	294	292	291	289	287
130	195	202	208	214	219	224	228	231	234	236	236	236	236	235	234	232	230	227	224
135	165	166	166	166	167	167	167	167	167	167	167	167	167	167	166	166	165	165	164
140	137	137	137	136	136	136	135	135	135	135	134	134	134	134	133	133	133	132	132
145	111	112	112	112	112	112	113	113	113	113	112	112	112	112	112	111	111	111	111
150	88.9	90.0	91.0	92.0	92.8	93.5	94.2	94.7	95.1	95.4	95.5	95.4	95.3	95.1	94.9	94.7	94.4	94.1	93.7
155	70.4	71.7	73.0	74.1	75.2	76.1	76.9	77.6	78.1	78.6	78.7	78.7	78.7	78.5	78.4	78.1	77.9	77.6	77.3
160	54.0	55.4	56.7	57.8	58.9	59.8	60.6	61.3	61.9	62.3	62.5	62.6	62.5	62.4	62.3	62.1	61.9	61.6	61.4
165	39.0	40.3	41.4	42.4	43.4	44.2	44.9	45.6	46.1	46.5	46.5	46.4	46.3	46.1	46.0	45.9	45.8	45.8	45.9
170	25.9	28.4	30.7	32.9	34.8	36.6	38.1	39.5	40.7	41.7	42.3	42.6	42.8	42.9	42.9	42.8	42.7	42.5	42.3
175	13.7	15.1	16.4	17.6	18.7	19.7	20.6	21.4	22.0	22.6	22.9	23.0	23.1	23.2	23.2	23.1	23.0	22.8	22.7
180	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40

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:1.640A P:39.33W PF:1.000 Freq:0Hz Lamp Flux:1014.03x2 lm		
NAME: AH5060-15N90合成	TYPE:	WEIGHT:
SPEC.:AH5060-15N90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	13.1	13.0	12.9	12.9	12.8	12.8	12.7	12.7	12.8	12.9	13.0	13.1	13.3	13.4	13.5	13.6	13.7	13.7	
5	26.2	26.0	25.9	25.7	25.4	25.1	24.8	24.4	23.9	23.4	22.7	22.0	21.3	20.6	19.8	19.0	18.2	17.4	16.5
10	52.2	52.1	52.0	51.7	51.4	50.9	50.2	49.4	48.4	46.6	44.7	42.6	40.4	38.0	35.6	33.1	30.5	28.0	25.4
15	79.0	79.0	78.9	78.7	78.2	77.5	76.5	75.3	73.7	70.7	67.4	63.8	60.0	56.0	51.9	47.6	43.3	38.9	34.6
20	106	106	106	105	105	104	103	101	98.8	94.7	90.1	85.2	80.0	74.4	68.7	62.8	56.8	50.8	44.8
25	133	133	133	133	132	131	130	127	125	120	114	108	101	93.8	86.5	78.9	71.2	63.5	56.1
30	161	161	161	161	160	158	156	154	151	144	138	130	122	113	104	95.3	85.9	76.5	68.4
35	188	188	188	188	187	186	184	181	177	170	162	153	144	134	124	113	102	91.1	81.6
40	213	213	213	213	212	210	208	205	201	193	184	174	164	153	141	129	117	105	94.1
45	237	237	237	237	236	234	232	228	224	215	205	195	183	171	158	145	131	118	105
50	261	262	262	261	260	258	255	252	247	237	226	215	202	189	175	160	145	130	117
55	285	286	286	285	284	282	279	275	269	259	248	236	222	208	193	177	161	145	130
60	306	306	306	305	304	302	299	295	289	279	268	255	242	227	212	196	179	162	145
65	327	328	328	327	326	324	321	317	311	301	290	277	263	248	233	216	198	180	162
70	357	357	358	357	356	354	350	346	340	329	317	304	289	274	257	239	220	201	180
75	382	383	383	382	381	378	375	371	365	354	343	330	315	299	282	264	245	225	202
80	404	404	404	403	402	400	397	392	386	377	366	354	340	325	309	291	272	251	226
85	418	418	418	418	416	414	411	407	401	392	382	370	357	342	326	308	289	268	241
90	421	421	421	421	419	417	414	410	404	395	385	373	360	345	329	311	291	270	243
95	419	419	419	419	417	415	412	407	402	393	383	372	359	344	328	311	291	271	244
100	411	411	411	410	409	407	404	400	395	386	377	366	354	340	325	308	289	269	242
105	396	396	396	395	394	391	388	384	379	372	364	354	343	330	316	300	283	263	238
110	372	372	371	370	369	367	364	360	355	349	342	334	325	314	302	288	272	255	230
115	345	345	345	344	343	342	340	337	333	328	322	315	307	297	286	274	259	243	220
120	318	318	318	317	316	315	313	310	307	303	298	293	286	277	268	257	244	230	207
125	285	283	281	278	275	272	269	265	261	260	258	255	251	247	241	234	225	214	193
130	220	216	212	208	204	201	197	194	191	194	197	201	203	205	206	205	202	197	179
135	163	162	160	159	158	157	156	156	156	161	166	171	176	179	182	183	182	179	163
140	131	130	129	128	128	127	127	128	128	134	140	146	151	155	159	161	161	160	145
145	110	109	109	108	108	108	108	109	110	115	120	126	131	135	138	140	141	139	127
150	93.2	92.6	92.1	91.8	91.6	91.6	91.8	92.3	93.0	97.6	102	107	111	115	117	119	120	119	109
155	76.8	76.4	76.1	75.8	75.7	75.7	75.9	76.3	77.0	80.7	84.6	88.3	91.8	94.7	97.1	98.5	99.0	98.2	89.8
160	61.0	60.7	60.5	60.3	60.2	60.3	60.5	60.8	61.3	64.2	67.2	70.0	72.7	75.0	76.7	77.9	78.2	77.6	71.1
165	46.9	47.9	49.0	50.2	51.4	52.6	53.7	54.8	55.9	57.2	58.4	59.4	60.0	60.4	60.3	59.7	58.7	57.1	52.1
170	42.6	42.9	43.1	43.4	43.6	43.7	43.8	43.8	43.7	43.7	43.5	43.1	42.6	41.9	41.0	39.9	38.5	36.9	33.7
175	22.9	23.0	23.1	23.3	23.3	23.4	23.4	23.3	23.1	22.8	22.4	21.9	21.3	20.6	19.9	19.1	18.3	17.3	16.1
180	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40

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:1.640A P:39.33W PF:1.000 Freq:0Hz Lamp Flux:1014.03x2 lm		
NAME: AH5060-15N90合成	TYPE:	WEIGHT:
SPEC.:AH5060-15N90合成	DIM.: 1500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:1500*50	Shielding Angle:

Table--3

UNIT: cd

C(DEG) g (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	13.6	13.6	13.6	13.5	13.5	13.4	13.4	13.3	13.3	13.3	13.2	13.2	13.2	13.2	13.2	13.2	13.1	13.1	13.0
5	15.7	14.8	14.0	13.2	12.5	11.8	11.2	10.6	10.4	10.2	10.2	10.1	10.2	10.2	10.3	10.4	10.6	10.2	9.87
10	22.9	20.4	18.0	15.7	13.6	11.6	9.78	8.21	7.59	7.51	7.52	7.51	7.51	7.50	7.51	7.86	8.23	7.37	6.59
15	30.4	26.3	22.3	18.6	15.0	11.8	8.86	6.28	5.48	5.49	5.49	5.48	5.47	5.45	5.44	5.68	6.29	4.90	3.63
20	39.1	33.9	28.4	22.6	17.2	12.6	8.44	4.79	3.85	3.85	3.85	3.85	3.84	3.82	3.81	3.96	4.81	2.91	1.16
25	50.1	43.4	36.3	28.9	21.5	14.3	8.43	3.67	2.64	2.63	2.63	2.62	2.61	2.60	2.60	2.60	3.71	1.30	1.08
30	61.0	52.9	44.2	35.2	26.2	17.4	8.96	2.97	1.73	1.72	1.71	1.70	1.69	1.69	1.69	1.69	2.96	1.25	1.24
35	72.8	63.1	52.7	42.0	31.2	20.7	10.7	2.64	1.16	1.14	1.12	1.11	1.11	1.11	1.11	1.12	2.66	1.50	1.48
40	83.9	72.7	60.8	48.4	36.0	23.9	12.3	2.72	0.99	0.96	0.95	0.95	0.95	0.96	0.98	1.00	2.79	1.75	1.72
45	94.1	81.5	68.1	54.3	40.4	26.7	13.8	3.15	1.25	1.23	1.21	1.21	1.22	1.23	1.24	1.26	3.18	1.88	1.86
50	104	90.0	75.2	59.9	44.5	29.4	15.1	3.82	1.89	1.88	1.88	1.88	1.88	1.89	1.89	1.89	3.83	1.92	1.91
55	116	100	83.7	66.6	49.4	32.6	16.7	4.09	2.09	2.08	2.08	2.08	2.09	2.11	2.12	2.14	4.21	2.04	2.02
60	130	112	93.7	74.6	55.3	36.5	18.6	4.31	2.19	2.18	2.17	2.18	2.19	2.20	2.22	2.23	4.42	2.14	2.12
65	144	125	104	83.0	61.6	40.6	20.6	4.62	2.35	2.34	2.34	2.34	2.35	2.36	2.38	2.39	4.71	2.27	2.24
70	160	139	116	92.1	68.3	45.1	23.0	5.14	2.44	2.42	2.42	2.42	2.43	2.45	2.46	2.48	5.23	2.70	2.67
75	180	155	130	103	76.4	50.3	25.6	5.48	2.56	2.55	2.54	2.55	2.56	2.57	2.58	2.60	5.58	2.94	2.91
80	201	174	145	115	85.4	56.2	28.5	5.84	2.74	2.72	2.72	2.72	2.72	2.73	2.74	2.75	5.94	3.14	3.11
85	215	186	155	123	91.2	60.1	30.6	6.28	2.85	2.83	2.83	2.82	2.83	2.84	2.85	2.85	6.37	3.48	3.45
90	217	187	156	124	92.2	60.9	31.1	6.75	2.95	2.92	2.90	2.89	2.88	2.88	2.88	2.88	6.72	3.81	3.79
95	217	188	157	124	92.3	60.9	31.1	6.48	2.74	2.71	2.69	2.67	2.66	2.66	2.65	2.65	6.37	3.71	3.70
100	216	187	156	124	91.8	60.6	30.9	6.25	2.53	2.50	2.48	2.46	2.45	2.44	2.44	2.44	6.15	3.72	3.72
105	212	183	153	121	90.0	59.4	30.3	5.98	2.33	2.31	2.29	2.27	2.26	2.26	2.25	2.25	5.90	3.67	3.69
110	205	177	147	117	87.0	57.4	29.4	5.83	2.24	2.23	2.22	2.22	2.22	2.22	2.22	2.23	5.87	3.66	3.68
115	195	169	141	112	83.2	55.0	28.2	5.81	2.24	2.23	2.23	2.22	2.23	2.23	2.23	2.24	5.87	3.65	3.67
120	185	160	133	106	78.7	52.1	26.8	5.85	2.33	2.33	2.32	2.32	2.32	2.32	2.33	2.33	5.94	3.62	3.64
125	172	149	124	99.0	73.5	48.7	25.5	5.82	2.36	2.36	2.36	2.37	2.37	2.38	2.39	2.40	5.99	3.60	3.61
130	159	137	115	91.3	67.9	45.6	24.8	5.88	2.43	2.44	2.45	2.45	2.46	2.47	2.47	2.53	6.05	3.58	3.59
135	144	125	104	83.4	62.6	42.4	23.4	5.93	2.48	2.50	2.51	2.52	2.52	2.53	2.53	2.91	6.09	3.56	3.57
140	129	112	94.0	75.4	56.8	38.8	21.7	6.05	2.59	2.61	2.62	2.62	2.63	2.63	2.63	3.43	6.27	3.89	3.64
145	113	98.5	82.7	66.5	50.4	34.7	19.8	6.15	2.67	2.70	2.72	2.73	2.73	2.73	2.73	3.94	6.40	4.50	3.68
150	97.0	84.3	71.0	57.3	43.7	30.4	17.8	6.29	2.81	2.82	2.83	2.83	2.83	2.81	2.79	4.37	6.45	4.97	3.70
155	80.4	70.0	59.1	48.0	36.9	26.0	15.7	6.33	3.49	2.82	2.83	2.83	2.82	2.80	3.26	4.84	6.55	5.41	4.36
160	63.7	55.8	47.3	38.7	30.1	21.7	13.8	6.51	4.32	2.90	2.78	2.78	2.76	3.12	4.14	5.37	6.69	5.85	5.08
165	46.7	40.9	34.9	28.9	22.8	17.0	11.6	6.61	5.06	4.06	3.56	3.47	3.72	4.26	5.00	5.88	6.83	6.27	5.76
170	30.3	26.7	23.1	19.5	15.9	12.6	9.41	6.56	5.64	5.05	4.76	4.72	4.89	5.22	5.69	6.23	6.82	6.51	6.22
175	14.7	13.4	12.1	10.7	9.48	8.29	7.19	6.22	5.90	5.70	5.61	5.62	5.70	5.85	6.05	6.27	6.52	6.43	6.36
180	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40

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:1.640A P:39.33W PF:1.000 Freq:0Hz Lamp Flux:1014.03x2 lm		
NAME: AH5060-15N90合成	TYPE:	WEIGHT:
SPEC.:AH5060-15N90合成	DIM.: 1500*50*60	SERIAL No.:
MFR.: COLORS	SUR.:1500*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	12.9	12.9	12.8	12.8	12.8	12.7	12.7	12.8	12.8	12.9	13.0	13.1	13.2	13.3	13.5				
5	9.60	9.42	9.37	9.46	9.73	10.2	10.9	12.3	13.9	15.8	18.0	20.4	23.1	26.1	29.3				
10	5.94	5.50	5.32	5.49	6.06	7.11	8.69	11.8	15.4	19.7	24.6	30.1	36.2	42.9	50.2				
15	2.58	1.84	1.53	1.76	2.62	4.22	6.67	11.5	17.2	24.0	31.6	40.2	49.8	60.3	71.8				
20	0.96	0.95	0.94	0.93	0.93	1.82	5.14	11.7	19.5	28.7	39.2	50.9	64.0	78.4	94.0				
25	1.06	1.05	1.04	1.03	1.03	1.04	4.07	12.3	22.3	33.8	47.1	61.9	78.4	96.6	116				
30	1.22	1.21	1.20	1.20	1.21	1.22	3.32	13.3	25.2	39.2	55.1	73.0	92.9	115	139				
35	1.47	1.45	1.45	1.45	1.46	1.47	2.96	14.6	28.5	44.7	63.3	84.2	107	133	161				
40	1.70	1.68	1.67	1.67	1.67	1.69	2.89	16.1	31.9	50.3	71.4	95.1	121	150	182				
45	1.84	1.83	1.82	1.82	1.83	1.86	3.12	17.8	35.3	55.8	79.3	106	135	167	202				
50	1.90	1.89	1.90	1.91	1.93	1.97	3.52	19.5	38.7	61.2	86.8	116	148	183	221				
55	2.00	1.99	1.99	2.00	2.02	2.05	4.13	21.4	42.1	66.3	93.9	125	160	198	239				
60	2.09	2.08	2.08	2.08	2.11	2.15	4.41	22.8	44.9	70.7	100	133	170	211	255				
65	2.22	2.21	2.20	2.22	2.25	2.30	4.62	24.0	47.3	74.5	106	141	179	222	269				
70	2.65	2.64	2.64	2.65	2.69	2.75	5.17	25.4	49.7	78.0	110	147	187	232	280				
75	2.89	2.87	2.87	2.89	2.93	2.98	5.48	26.3	51.3	80.5	114	151	193	239	289				
80	3.08	3.07	3.07	3.09	3.12	3.18	5.82	27.1	52.6	82.3	116	155	197	244	295				
85	3.42	3.41	3.41	3.43	3.47	3.53	6.24	27.7	53.4	83.3	118	156	199	246	298				
90	3.77	3.76	3.77	3.79	3.83	3.90	6.71	28.1	53.8	83.8	118	157	199	246	298				
95	3.70	3.70	3.71	3.74	3.77	3.83	6.45	27.6	53.0	82.7	117	155	197	244	294				
100	3.73	3.74	3.75	3.76	3.78	3.79	6.18	26.7	51.3	80.1	113	150	191	236	285				
105	3.70	3.72	3.73	3.73	3.73	3.72	5.90	25.4	48.9	76.2	107	143	182	225	271				
110	3.70	3.72	3.72	3.72	3.71	3.68	5.84	24.1	46.0	71.6	101	134	170	210	254				
115	3.69	3.70	3.70	3.70	3.68	3.65	5.92	22.7	42.9	66.4	93.3	123	157	194	234				
120	3.66	3.67	3.66	3.65	3.63	3.60	6.00	21.2	39.4	60.6	84.9	112	143	176	212				
125	3.61	3.61	3.60	3.59	3.56	3.52	5.96	19.4	35.5	54.4	75.9	100	127	157	189				
130	3.59	3.59	3.58	3.57	3.54	3.51	6.04	17.7	31.6	47.9	66.6	87.5	111	136	164				
135	3.58	3.58	3.57	3.56	3.55	3.52	6.17	16.0	27.8	41.5	57.2	74.9	94.5	116	140				
140	3.64	3.63	3.62	3.60	3.57	3.54	6.39	14.5	24.1	35.4	48.4	62.9	79.0	96.8	116				
145	3.68	3.67	3.65	3.63	3.61	3.58	6.49	13.0	20.8	29.8	40.2	51.8	64.8	79.1	94.6				
150	3.70	3.70	3.69	3.68	3.66	4.10	6.67	11.8	17.9	25.0	33.1	42.2	52.4	63.5	75.7				
155	3.80	3.78	3.77	3.75	3.73	4.75	6.74	10.7	15.4	20.9	27.2	34.3	42.1	50.7	60.2				
160	4.43	4.03	4.01	4.00	4.43	5.39	6.87	9.79	13.3	17.4	22.0	27.3	33.1	39.5	46.5				
165	5.33	5.03	4.91	5.00	5.36	6.02	7.03	9.01	11.4	14.2	17.3	20.9	24.8	29.2	33.9				
170	5.99	5.83	5.77	5.84	6.06	6.46	7.07	8.24	9.64	11.3	13.1	15.2	17.5	20.1	22.9				
175	6.30	6.27	6.28	6.33	6.43	6.60	6.84	7.28	7.79	8.39	9.07	9.83	10.7	11.6	12.6				
180	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40				

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: