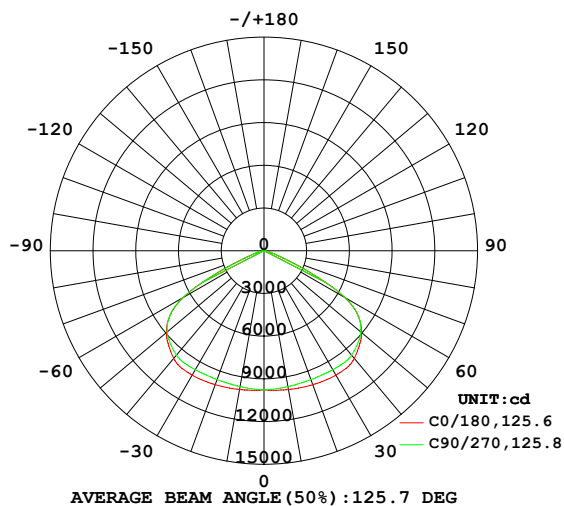


## LUMINAIRE PHOTOMETRIC TEST REPORT

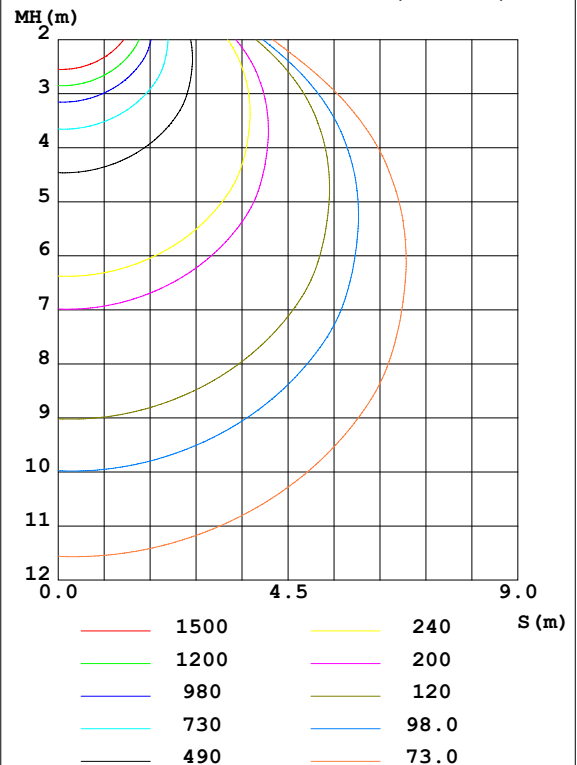
Test:U:219.78V I:0.9482A P:200.83W PF:0.9733 Freq:49.99Hz Lamp Flux:33159.5x1 lm					
NAME: LED Hight Bay Light			TYPE:LED		WEIGHT:6.6kg
SPEC.:AOK-200WoH			DIM.: $\phi 0.4 \times 0.141M$		SERIAL No.:
MFR.: AOK			SUR.: $\phi 0.29M$		Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 165.11 lm/W
MODEL	5050	I <sub>max</sub> (cd)	10088	S/MH (C0/180)	1.57	
NOMINAL POWER (W)	200	LOR (%)	100.0	S/MH (C90/270)	1.52	
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	33159	$\eta$ UP,DN (C0-180)	0.0,50.0	
NOMINAL FLUX (lm)	33159.5	CIE CLASS	DIRECT	$\eta$ UP,DN (C180-360)	0.0,50.0	
LAMPS INSIDE	1	$\eta$ up (%)	0.0	CIBSE SHR NOM	1.50	
TEST VOLTAGE (V)	220	$\eta$ down (%)	100.0	CIBSE SHR MAX	1.55	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017-12-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:7.230m [K=1.0000]  
 Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

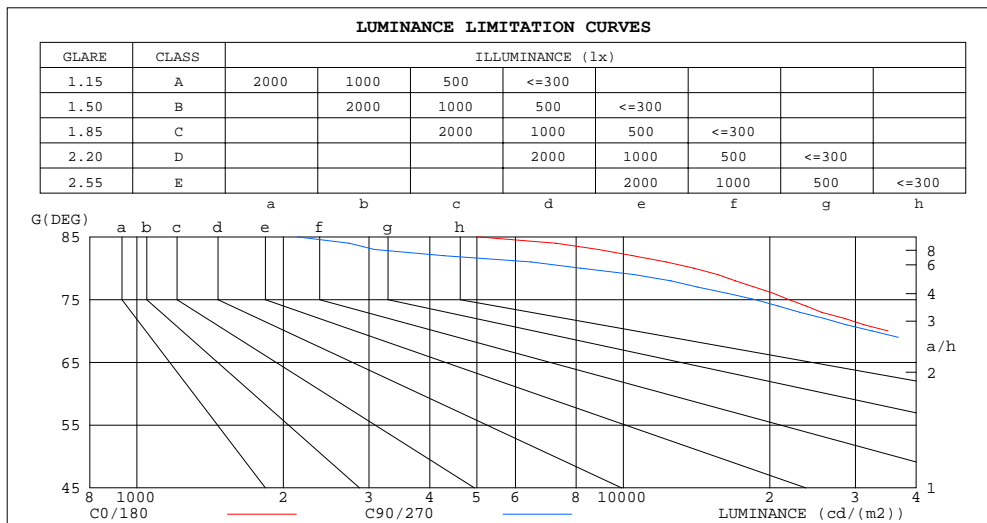
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\%lum, lamp$
10	989.6	980.9	968.8	980.9	989.6	980.9	968.8	980.9	0- 10	934.9	934.9	2.82,2.82
20	1001	984.2	963.2	984.2	1001	984.2	963.2	984.2	10- 20	2783	3718	11.2,11.2
30	1009	988.9	964.7	988.9	1009	988.9	964.7	988.9	20- 30	4565	8283	25,25
40	987.0	980.9	957.3	980.9	987.0	980.9	957.3	980.9	30- 40	6196	14479	43.7,43.7
50	895.0	899.1	888.1	899.1	895.0	899.1	888.1	899.1	40- 50	7290	21769	65.6,65.6
60	651.8	658.6	655.4	658.6	651.8	658.6	655.4	658.6	50- 60	7180	28949	87.3,87.3
70	119.9	119.3	110.9	119.3	119.9	119.3	110.9	119.3	60- 70	3529	32478	97.9,97.9
80	24.29	21.60	14.17	21.60	24.29	21.60	14.17	21.60	70- 80	616.4	33095	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	64.86	33159	100,100
100	0	0	0	0	0	0	0	0	90-100	0	33159	100,100
110	0	0	0	0	0	0	0	0	100-110	0	33159	100,100
120	0	0	0	0	0	0	0	0	110-120	0	33159	100,100
130	0	0	0	0	0	0	0	0	120-130	0	33159	100,100
140	0	0	0	0	0	0	0	0	130-140	0	33159	100,100
150	0	0	0	0	0	0	0	0	140-150	0	33159	100,100
160	0	0	0	0	0	0	0	0	150-160	0	33159	100,100
170	0	0	0	0	0	0	0	0	160-170	0	33159	100,100
180	0	0	0	0	0	0	0	0	170-180	0	33159	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017-12-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:7.230m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:219.78V I:0.9482A P:200.83W PF:0.9733 Freq:49.99Hz Lamp Flux:33159.5x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:6.6kg
SPEC.:AOK-200WoH	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:



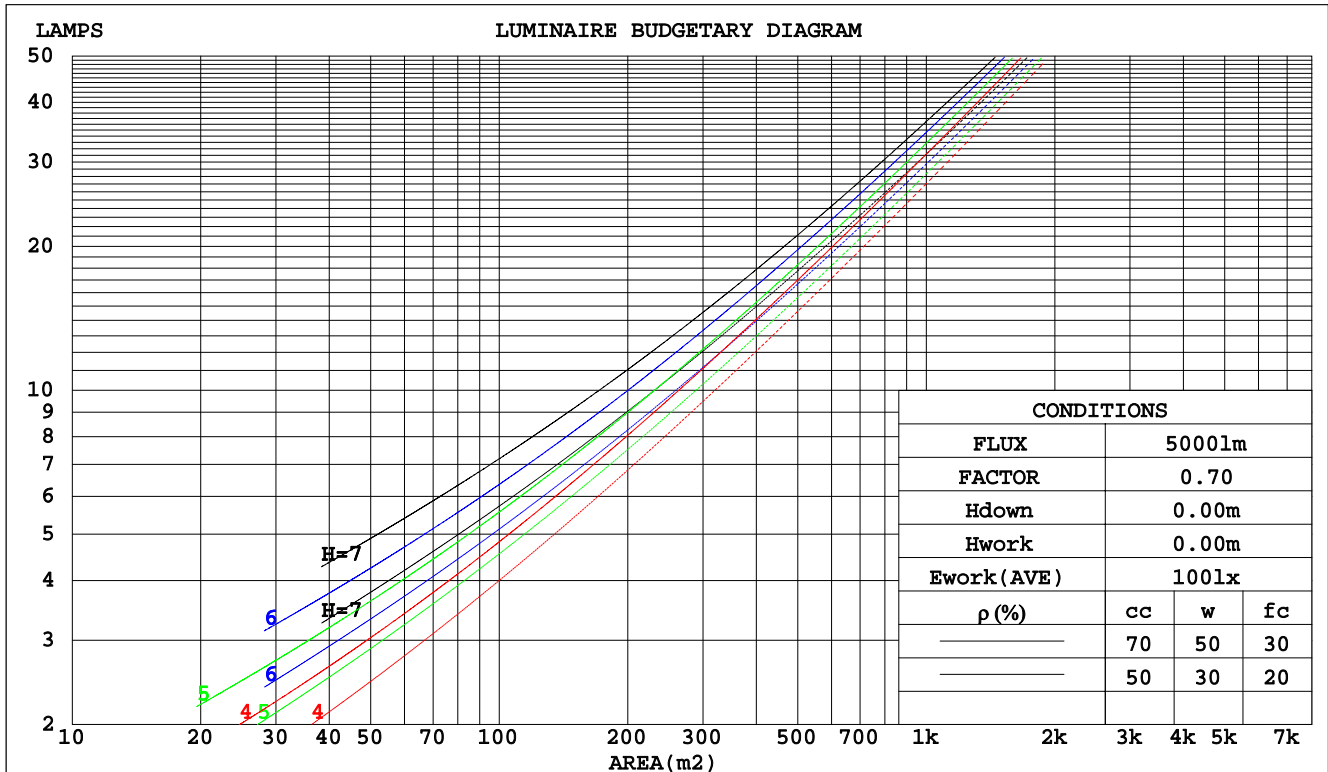
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2017-12-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:7.230m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.78V I:0.9482A P:200.83W PF:0.9733 Freq:49.99Hz Lamp Flux:33159.5x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:6.6kg
SPEC.:AOK-200WoH	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding 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						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.06	1.02	.99	1.04	1.00	.97	.99	.97	.94	.96	.93	.91	.92	.90	.88	.86
2.0	.93	.87	.81	.91	.85	.80	.88	.83	.78	.84	.80	.77	.81	.78	.75	.73
3.0	.82	.74	.68	.80	.73	.67	.77	.71	.66	.74	.69	.65	.72	.67	.64	.62
4.0	.72	.64	.57	.71	.63	.57	.68	.61	.56	.66	.60	.55	.64	.59	.54	.52
5.0	.64	.55	.49	.63	.55	.48	.61	.53	.48	.59	.52	.47	.57	.51	.47	.45
6.0	.57	.48	.42	.56	.48	.42	.54	.47	.41	.53	.46	.41	.51	.45	.41	.39
7.0	.52	.43	.37	.51	.42	.37	.49	.42	.36	.48	.41	.36	.46	.40	.36	.34
8.0	.47	.38	.32	.46	.38	.32	.45	.37	.32	.43	.37	.32	.42	.36	.32	.30
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24



C Range: 0 - 360DEG  
 C Interval: 10.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2017-12-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:7.230m [K=1.0000]  
 Remarks:

## WEC AND CCEC

Test:U:219.78V I:0.9482A P:200.83W PF:0.9733 Freq:49.99Hz Lamp Flux:33159.5x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:6.6kg
SPEC.:AOK-200WoH	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding 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	.272	.154	.049	.265	.151	.048	.251	.144	.046	.239	.138	.044	.228	.132	.043		
2.0	.268	.147	.045	.262	.144	.044	.250	.139	.043	.240	.134	.042	.230	.130	.041		
3.0	.255	.136	.041	.250	.134	.040	.240	.130	.039	.230	.126	.039	.222	.123	.038		
4.0	.241	.125	.037	.236	.123	.036	.227	.120	.036	.218	.117	.035	.210	.114	.035		
5.0	.225	.115	.033	.221	.114	.033	.213	.111	.033	.206	.108	.032	.199	.106	.032		
6.0	.211	.106	.030	.207	.105	.030	.200	.103	.030	.193	.100	.030	.187	.098	.029		
7.0	.198	.098	.028	.194	.097	.028	.188	.095	.027	.182	.093	.027	.176	.092	.027		
8.0	.186	.091	.025	.183	.090	.025	.177	.088	.025	.171	.087	.025	.166	.085	.025		
9.0	.174	.084	.024	.172	.084	.023	.167	.082	.023	.162	.081	.023	.157	.080	.023		
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.153	.076	.022	.149	.075	.021		

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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.178	.156	.137	.152	.134	.118	.104	.092	.082	.060	.053	.048	.019	.017	.015	
2.0	.169	.132	.101	.145	.114	.087	.099	.079	.061	.057	.046	.036	.018	.015	.012	
3.0	.162	.114	.076	.139	.099	.066	.095	.068	.046	.055	.040	.027	.018	.013	.009	
4.0	.155	.101	.060	.133	.087	.052	.091	.061	.036	.053	.036	.022	.017	.012	.007	
5.0	.148	.090	.048	.127	.078	.042	.088	.055	.029	.051	.032	.017	.016	.010	.006	
6.0	.141	.082	.040	.122	.071	.034	.084	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.135	.075	.033	.116	.065	.029	.080	.046	.021	.047	.027	.012	.015	.009	.004	
8.0	.129	.070	.029	.111	.060	.025	.077	.042	.018	.045	.025	.011	.014	.008	.004	
9.0	.123	.065	.025	.106	.056	.022	.073	.039	.016	.043	.023	.009	.014	.008	.003	
10.0	.118	.060	.022	.101	.052	.019	.070	.037	.014	.041	.022	.008	.013	.007	.003	

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2017-12-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:7.230m [K=1.0000]  
Remarks:

## UGR(Unified Glare Rating) Table

Test:U:219.78V I:0.9482A P:200.83W PF:0.9733 Freq:49.99Hz Lamp Flux:33159.5x1 lm											
NAME: LED Hight Bay Light						TYPE:LED		WEIGHT:6.6kg			
SPEC.:AOK-200WoH						DIM.: $\phi 0.4 \times 0.141M$		SERIAL No.:			
MFR.: AOK						SUR.: $\phi 0.29M$		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	2H	18.4	19.9	18.7	20.1	20.3	18.4	19.9	18.7	20.1	20.3
	3H	18.6	20.0	18.9	20.3	20.5	18.6	20.0	18.9	20.2	20.4
	4H	18.6	19.9	18.9	20.1	20.4	18.5	19.8	18.8	20.1	20.3
	6H	18.5	19.7	18.8	20.0	20.3	18.4	19.7	18.8	19.9	20.2
	8H	18.5	19.6	18.8	19.9	20.2	18.4	19.6	18.7	19.8	20.1
	12H	18.4	19.5	18.8	19.8	20.1	18.3	19.5	18.7	19.8	20.1
4H	2H	18.7	20.0	19.1	20.3	20.5	18.7	20.0	19.1	20.3	20.5
	3H	19.0	20.1	19.3	20.4	20.7	18.9	20.0	19.3	20.3	20.6
	4H	18.9	20.0	19.3	20.3	20.6	18.9	19.9	19.2	20.2	20.5
	6H	18.9	19.8	19.3	20.1	20.5	18.8	19.7	19.2	20.0	20.4
	8H	18.9	19.7	19.3	20.0	20.4	18.8	19.6	19.2	20.0	20.3
	12H	18.8	19.6	19.2	20.0	20.4	18.7	19.5	19.1	19.9	20.3
8H	4H	18.9	19.7	19.3	20.0	20.4	18.8	19.6	19.2	20.0	20.4
	6H	18.8	19.5	19.3	19.9	20.3	18.7	19.4	19.2	19.8	20.2
	8H	18.8	19.4	19.3	19.8	20.3	18.7	19.3	19.2	19.7	20.2
	12H	18.8	19.3	19.2	19.7	20.2	18.7	19.2	19.1	19.6	20.1
12H	4H	18.8	19.6	19.2	19.9	20.3	18.7	19.5	19.2	19.9	20.3
	6H	18.8	19.4	19.2	19.8	20.2	18.7	19.3	19.2	19.7	20.2
	8H	18.8	19.3	19.2	19.7	20.2	18.7	19.2	19.1	19.6	20.1
Variations with the observer position at spacings:											
S = 1.0H	+ 0.4 / - 0.4					+ 0.4 / - 0.4					
1.5H	+ 1.0 / - 1.3					+ 1.1 / - 1.4					
2.0H	+ 0.7 / - 1.2					+ 0.7 / - 1.3					

CIE Pub.117, 33159 lm Total Lamp Luminous Flux Correct ( $8\log(F/F_0) = 12.2$ )

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2017-12-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:7.230m [K=1.0000]  
Remarks:

## UTILIZATION FACTORS TABLE

Test:U:219.78V I:0.9482A P:200.83W PF:0.9733 Freq:49.99Hz Lamp Flux:33159.5x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:6.6kg
SPEC.:AOK-200WoH	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:

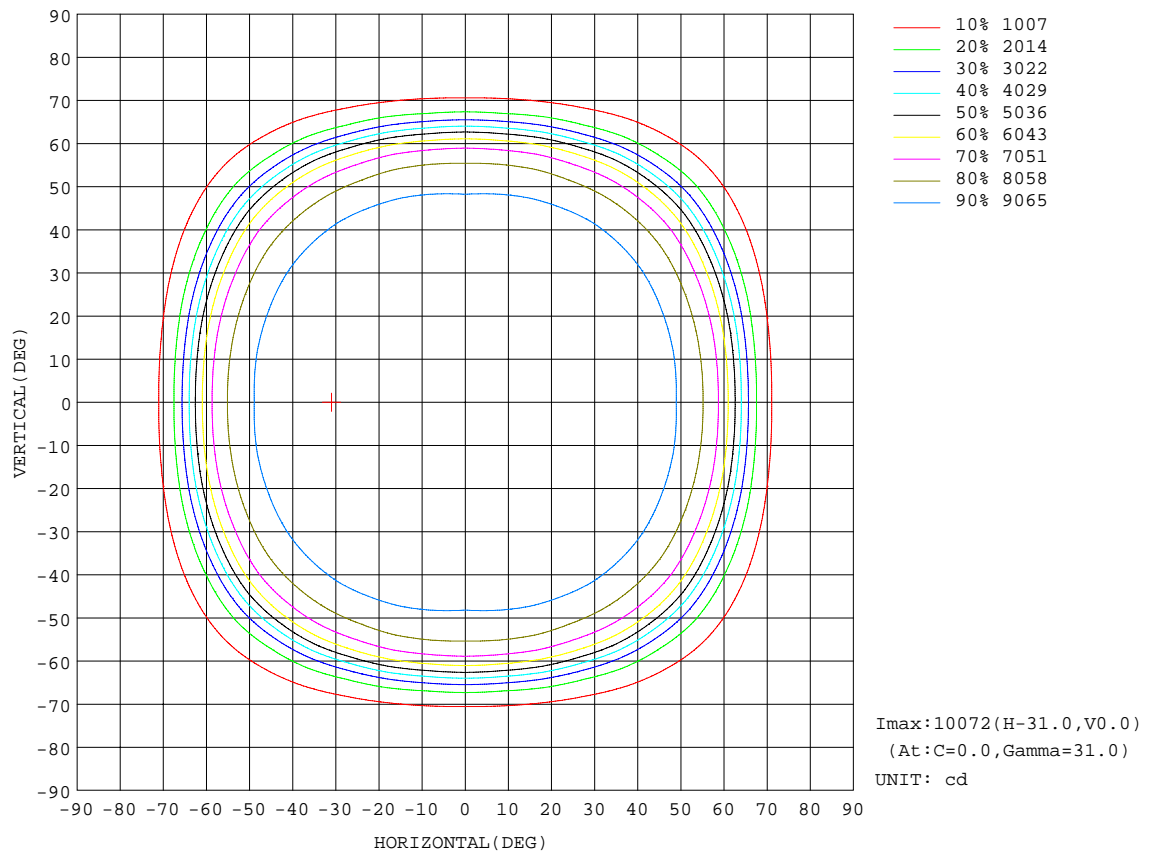
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	44	36	55	43	36	54	43	36	29
0.80	67	55	48	66	55	48	64	54	47	40
1.00	77	66	59	76	65	58	73	67	58	51
1.25	85	74	68	83	74	67	81	72	66	59
1.50	90	80	74	88	80	73	85	78	72	65
2.00	97	89	83	95	88	82	92	86	81	73
2.50	101	94	88	99	92	87	95	90	85	77
3.00	104	98	93	102	96	92	98	93	89	81
4.00	108	102	98	105	101	97	101	97	94	86
5.00	110	105	102	107	103	100	103	100	97	88
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2017-12-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:7.230m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

Test:U:219.78V I:0.9482A P:200.83W PF:0.9733 Freq:49.99Hz Lamp Flux:33159.5x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:6.6kg
SPEC.:AOK-200WoH	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:



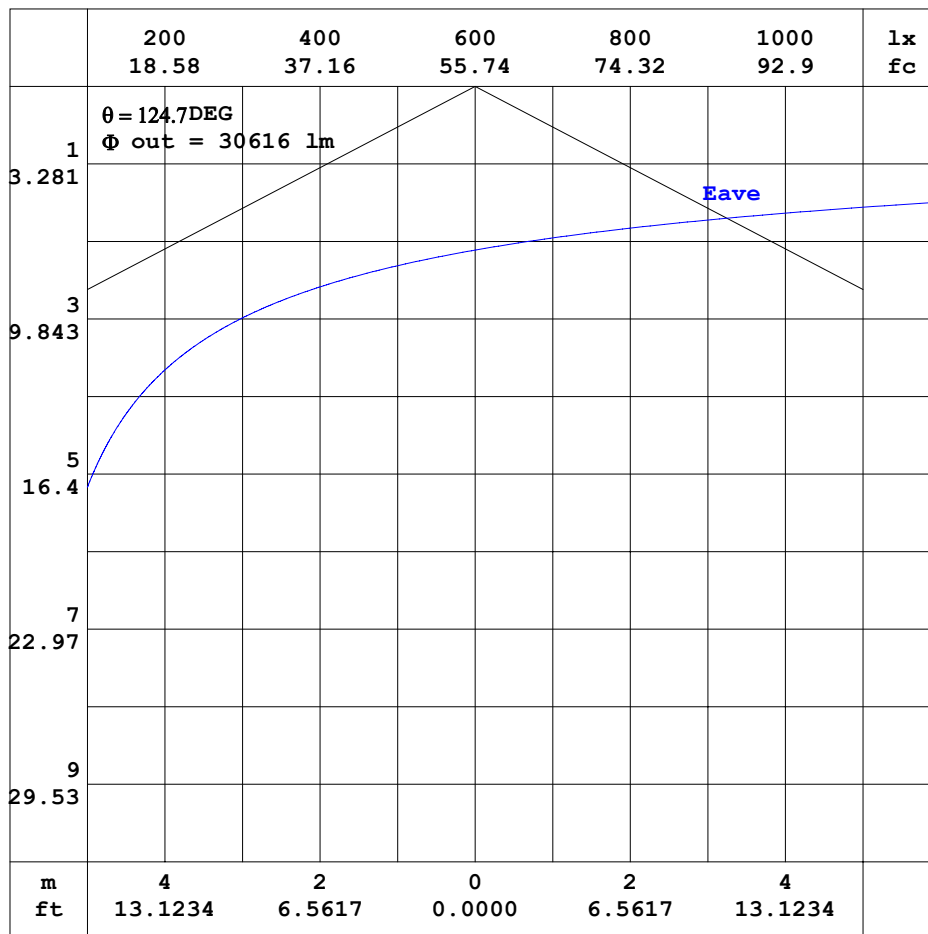
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2017-12-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:7.230m [K=1.0000]  
Remarks:



### AAI CURVES

Test:U:219.78V I:0.9482A P:200.83W PF:0.9733 Freq:49.99Hz Lamp Flux:33159.5x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:6.6kg
SPEC.:AOK-200WoH	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:



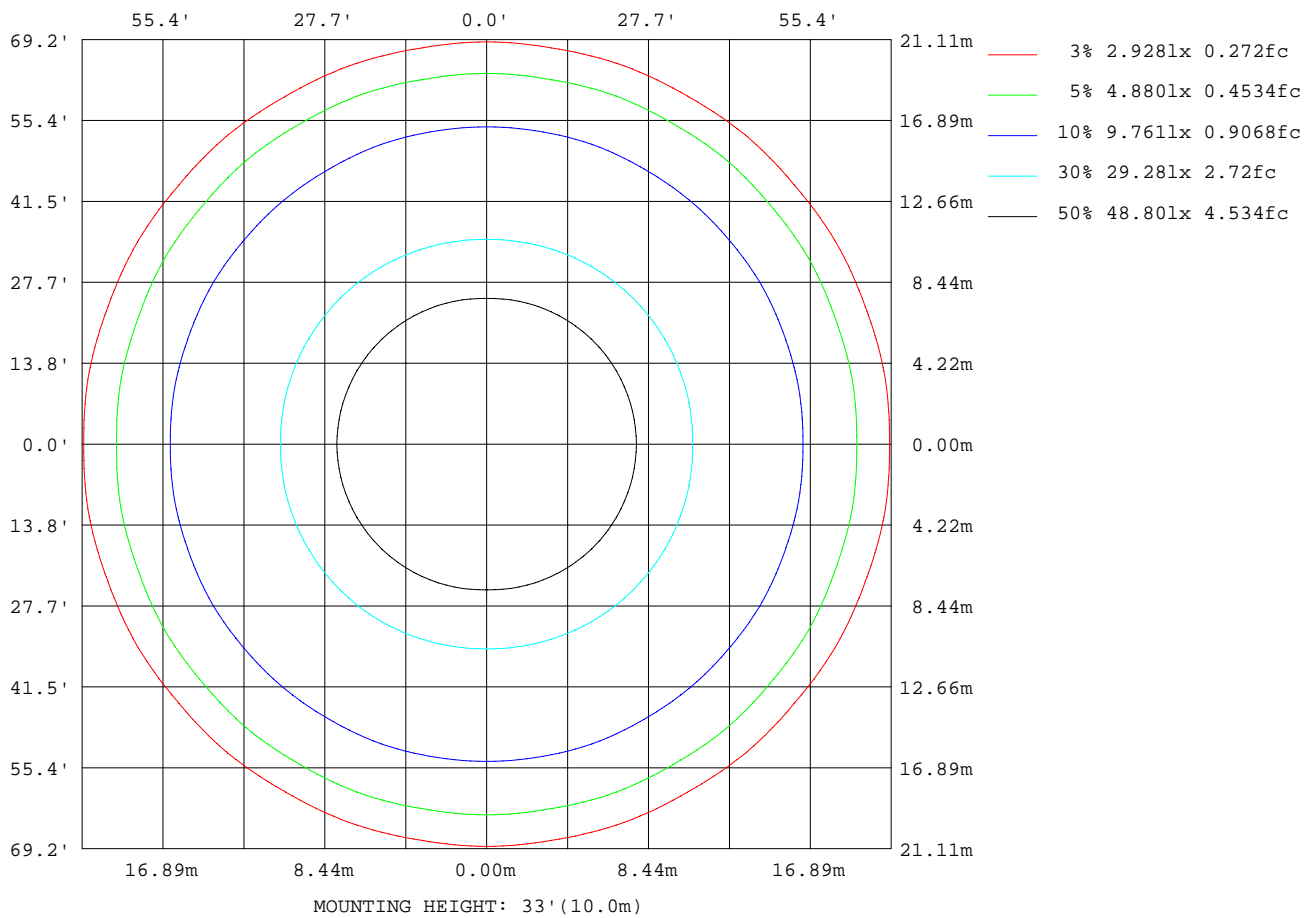
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2017-12-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:7.230m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

Test:U:219.78V I:0.9482A P:200.83W PF:0.9733 Freq:49.99Hz Lamp Flux:33159.5x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:6.6kg
SPEC.:AOK-200WoH	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2017-12-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
Humidity: 65.0%  
Test Distance: 7.230m [K=1.0000]  
Remarks:

## LED Avg.L Report

Test:U:219.78V I:0.9482A P:200.83W PF:0.9733 Freq:49.99Hz Lamp Flux:33159.5x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:6.6kg
SPEC.:AOK-200WoH	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:

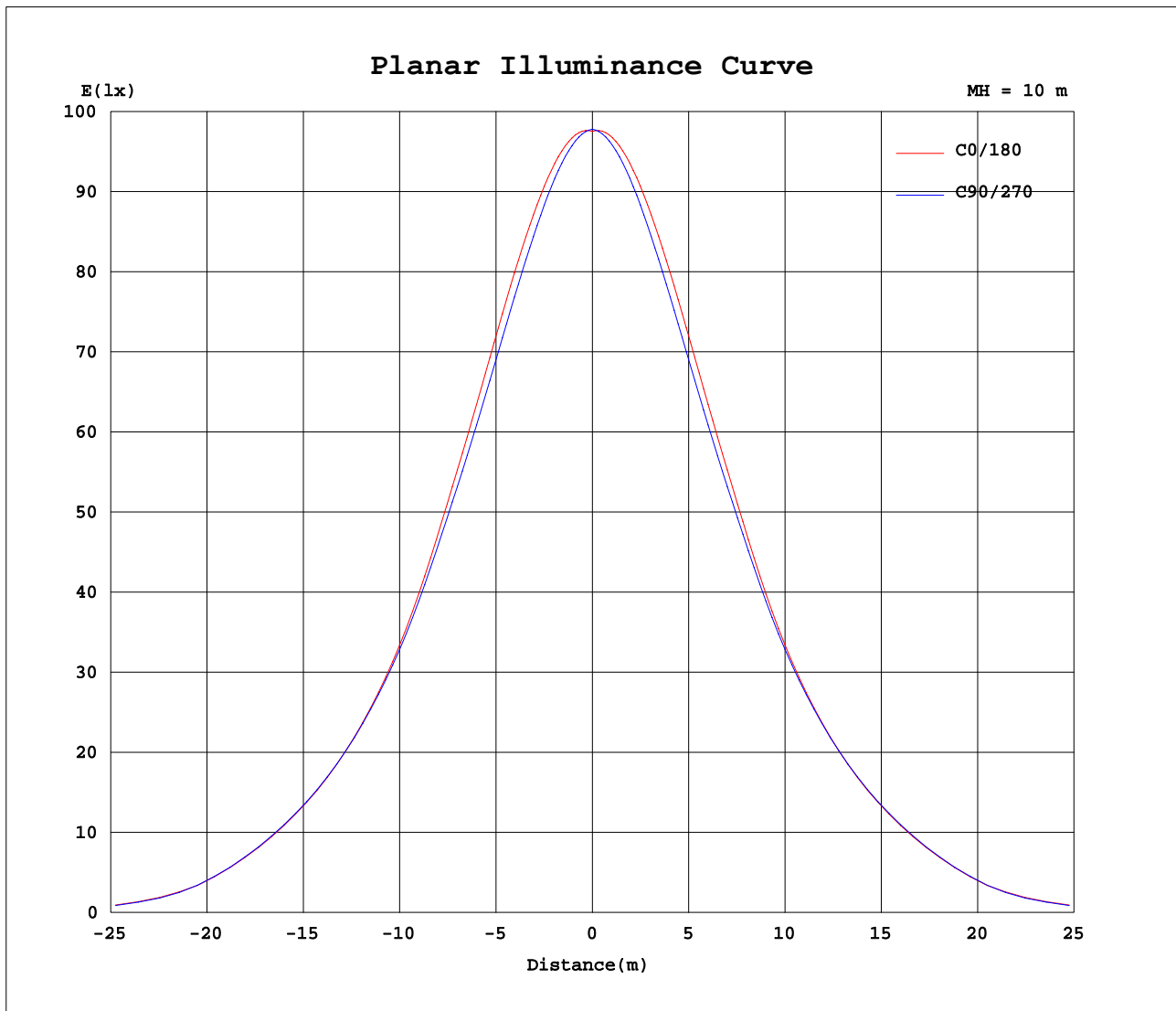
AvgL	cd/m2
L_0~180 (65) av	81019
L_0~180 (75) av	21914
L_0~180 (85) av	5017
L_90~270 (65) av	78728
L_90~270 (75) av	18617
L_90~270 (85) av	2133
L_45 (65) av	79801
L_45 (75) av	21092
L_45 (85) av	3457

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2017-12-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:7.230m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2017-12-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
Humidity: 65.0%  
Test Distance: 7.230m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.78V I:0.9482A P:200.83W PF:0.9733 Freq:49.99Hz Lamp Flux:33159.5x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:6.6kg
SPEC.:AOK-200WoH	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:

Table--1

UNIT:  $\times 10cd$ 

C (DEG) $\gamma$ (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977
5	984	983	982	981	980	979	977	976	974	973	974	976	977	979	980	981	982	983	984
10	990	988	987	984	982	980	977	974	971	969	971	974	977	980	982	984	987	988	990
15	995	993	991	988	984	980	977	973	969	965	969	973	977	980	984	988	991	993	995
20	1001	999	995	991	987	982	977	972	968	963	968	972	977	982	987	991	995	999	1001
25	1006	1003	999	994	989	984	979	974	968	963	968	974	979	984	989	994	999	1003	1006
30	1009	1005	1001	996	991	986	981	976	970	965	970	976	981	986	991	996	1001	1005	1009
35	1007	1004	1000	995	991	986	982	977	972	967	972	977	982	986	991	995	1000	1004	1007
40	987	987	986	986	983	979	973	968	962	957	962	968	973	979	983	986	986	987	987
45	946	950	952	953	952	949	943	936	930	928	930	936	943	949	952	953	952	950	946
50	895	899	898	900	899	900	896	897	894	888	894	897	896	900	899	900	898	899	895
55	810	812	811	814	812	813	812	819	817	813	817	819	812	813	812	814	811	812	810
60	652	657	656	662	658	659	657	660	656	655	656	660	657	659	658	662	656	657	652
65	342	346	340	342	336	339	332	334	330	333	330	334	332	339	336	342	340	346	342
70	120	124	121	123	119	120	115	115	110	111	110	115	115	120	119	123	121	124	120
75	56.7	58.1	57.1	57.3	55.0	54.1	50.7	49.5	47.6	48.2	47.6	49.5	50.7	54.1	55.0	57.3	57.1	58.1	56.7
80	24.3	24.9	24.4	25.0	22.2	21.0	18.0	17.2	14.6	14.2	14.6	17.2	18.0	21.0	22.2	25.0	24.4	24.9	24.3
85	4.37	4.43	3.97	3.80	3.08	2.99	2.58	2.35	1.85	1.86	1.85	2.35	2.58	2.99	3.08	3.80	3.97	4.43	4.37
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2017-12-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:7.230m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.78V I:0.9482A P:200.83W PF:0.9733 Freq:49.99Hz Lamp Flux:33159.5x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:6.6kg
SPEC.:AOK-200WoH	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:

Table--2

UNIT:  $\times 10cd$ 

C (DEG) γ (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977	977		
5	983	982	981	980	979	977	976	974	973	974	976	977	979	980	981	982	983		
10	988	987	984	982	980	977	974	971	969	971	974	977	980	982	984	987	988		
15	993	991	988	984	980	977	973	969	965	969	973	977	980	984	988	991	993		
20	999	995	991	987	982	977	972	968	963	968	972	977	982	987	991	995	999		
25	1003	999	994	989	984	979	974	968	963	968	974	979	984	989	994	999	1003		
30	1005	1001	996	991	986	981	976	970	965	970	976	981	986	991	996	1001	1005		
35	1004	1000	995	991	986	982	977	972	967	972	977	982	986	991	995	1000	1004		
40	987	986	986	983	979	973	968	962	957	962	968	973	979	983	986	986	987		
45	950	952	953	952	949	943	936	930	928	930	936	943	949	952	953	952	950		
50	899	898	900	899	900	896	897	894	888	894	897	896	900	899	900	898	899		
55	812	811	814	812	813	812	819	817	813	817	819	812	813	812	814	811	812		
60	657	656	662	658	659	657	660	656	655	656	660	657	659	658	662	656	657		
65	346	340	342	336	339	332	334	330	333	330	334	332	339	336	342	340	346		
70	124	121	123	119	120	115	115	110	111	110	115	115	120	119	123	121	124		
75	58.1	57.1	57.3	55.0	54.1	50.7	49.5	47.6	48.2	47.6	49.5	50.7	54.1	55.0	57.3	57.1	58.1		
80	24.9	24.4	25.0	22.2	21.0	18.0	17.2	14.6	14.2	14.6	17.2	18.0	21.0	22.2	25.0	24.4	24.9		
85	4.43	3.97	3.80	3.08	2.99	2.58	2.35	1.85	1.86	1.85	2.35	2.58	2.99	3.08	3.80	3.97	4.43		
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2017-12-11

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:7.230m [K=1.0000]  
Remarks: