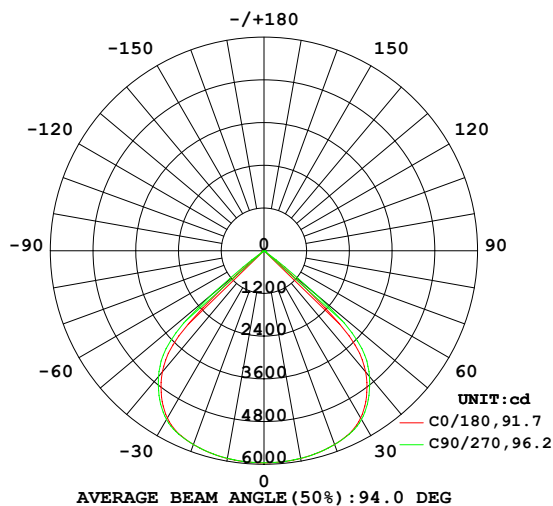


LUMINAIRE PHOTOMETRIC TEST REPORT

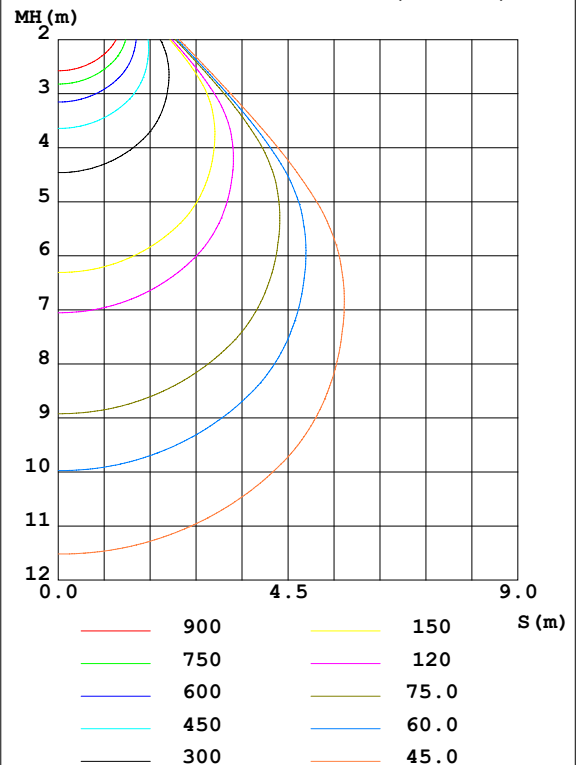
Test:U:220.01V I:0.2914A P:62.416W PF:0.9737 Freq:49.99Hz Lamp Flux:10682.9x1 lm					
NAME: LED Hight Bay Light			TYPE:LED		WEIGHT:2.9kg
SPEC.:AOK-60WoH			DIM.: ϕ 0.248*0.138M		SERIAL No.:
MFR.: AOK			SUR.: ϕ 0.16M		Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 171.16 lm/W			
MODEL	5050	I _{max} (cd)	5956	S/MH (C0/180)	1.33
NOMINAL POWER (W)	60	LOR (%)	100.0	S/MH (C90/270)	1.34
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	10683	η UP,DN (C0-180)	0.0,50.0
NOMINAL FLUX (lm)	10682.9	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,50.0
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	220	η down (%)	100.0	CIBSE SHR MAX	1.35

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

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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

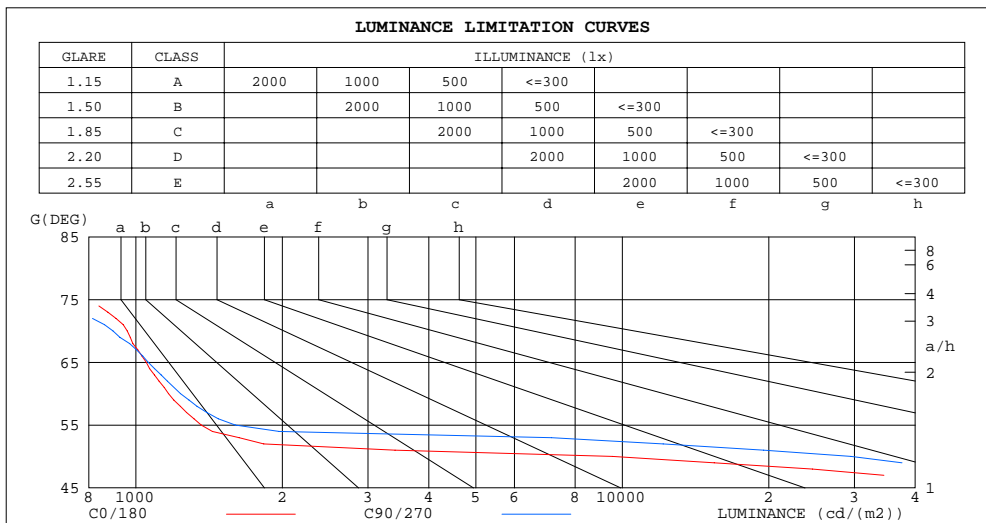
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	5926	5921	5921	5921	5926	5921	5921	5921	0- 10	567.1	567.1	5.31,5.31
20	5793	5785	5793	5785	5793	5785	5793	5785	10- 20	1660	2228	20.9,20.9
30	5428	5424	5474	5424	5428	5424	5474	5424	20- 30	2609	4837	45.3,45.3
40	4447	4482	4612	4482	4447	4482	4612	4482	30- 40	3136	7973	74.6,74.6
50	611.7	903.1	1901	903.1	611.7	903.1	1901	903.1	40- 50	2470	10443	97.8,97.8
60	58.23	58.75	61.84	58.75	58.23	58.75	61.84	58.75	50- 60	174.4	10617	99.4,99.4
70	32.76	32.05	30.73	32.05	32.76	32.05	30.73	32.05	60- 70	44.03	10661	99.8,99.8
80	8.203	7.027	6.978	7.027	8.203	7.027	6.978	7.027	70- 80	19.72	10681	100,100
90	0	0	0	0	0	0	0	0	80- 90	2.008	10683	100,100
100	0	0	0	0	0	0	0	0	90-100	0	10683	100,100
110	0	0	0	0	0	0	0	0	100-110	0	10683	100,100
120	0	0	0	0	0	0	0	0	110-120	0	10683	100,100
130	0	0	0	0	0	0	0	0	120-130	0	10683	100,100
140	0	0	0	0	0	0	0	0	130-140	0	10683	100,100
150	0	0	0	0	0	0	0	0	140-150	0	10683	100,100
160	0	0	0	0	0	0	0	0	150-160	0	10683	100,100
170	0	0	0	0	0	0	0	0	160-170	0	10683	100,100
180	0	0	0	0	0	0	0	0	170-180	0	10683	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

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:

LUMINANCE LIMITATION CURVES

Test:U:220.01V I:0.2914A P:62.416W PF:0.9737 Freq:49.99Hz Lamp Flux:10682.9x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:2.9kg
SPEC.:AOK-60WoH	DIM.: $\phi 0.248 \times 0.138\text{M}$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.16\text{M}$	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	60	112
80	473	401
75	771	654
70	960	897
65	1051	1060
60	1167	1235
55	1362	1601
50	9538	29534
45	47929	55004

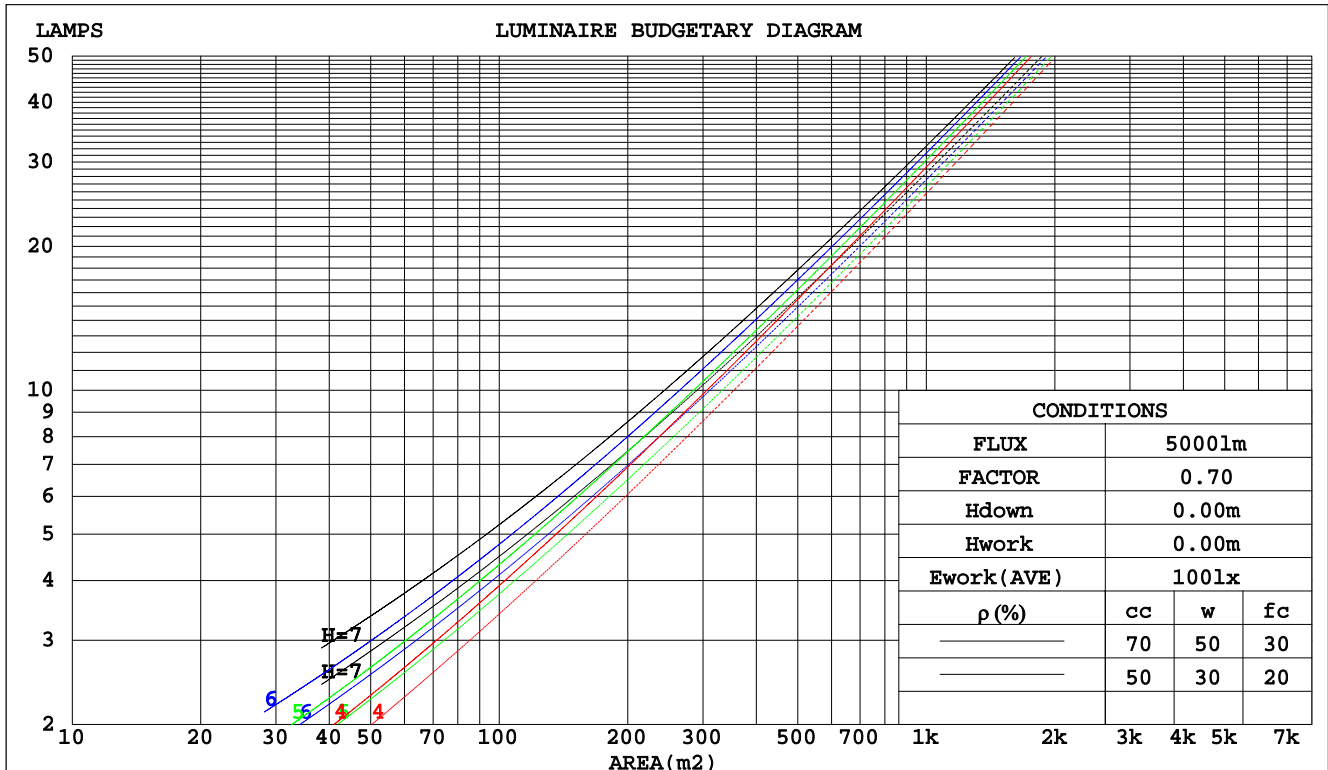
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-12-11

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.01V I:0.2914A P:62.416W PF:0.9737 Freq:49.99Hz Lamp Flux:10682.9x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:2.9kg
SPEC.:AOK-60WoH	DIM.: $\phi 0.248 \times 0.138\text{M}$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.16\text{M}$	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	1.09	1.06	1.04	1.07	1.05	1.02	1.03	1.01	.99	.99	.98	.96	.96	.95	.93	.91
2.0	.00	.95	.91	.98	.94	.90	.95	.91	.88	.92	.89	.86	.89	.87	.85	.83
3.0	.91	.86	.81	.90	.85	.80	.87	.83	.79	.85	.81	.78	.82	.79	.76	.75
4.0	.84	.77	.72	.82	.76	.72	.80	.75	.71	.78	.74	.70	.76	.72	.69	.67
5.0	.77	.70	.65	.76	.69	.64	.74	.68	.64	.72	.67	.63	.70	.66	.63	.61
6.0	.70	.63	.58	.70	.63	.58	.68	.62	.58	.66	.61	.57	.65	.60	.57	.55
7.0	.65	.58	.53	.64	.57	.53	.63	.57	.52	.61	.56	.52	.60	.55	.52	.50
8.0	.60	.53	.48	.59	.52	.48	.58	.52	.48	.57	.51	.47	.56	.51	.47	.45
9.0	.55	.48	.44	.55	.48	.44	.54	.48	.43	.53	.47	.43	.52	.47	.43	.42
10.0	.51	.45	.40	.51	.44	.40	.50	.44	.40	.49	.44	.40	.48	.43	.40	.38



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:

WEC AND CCEC

Test:U:220.01V I:0.2914A P:62.416W PF:0.9737 Freq:49.99Hz Lamp Flux:10682.9x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:2.9kg
SPEC.:AOK-60WoH	DIM.: ϕ 0.248*0.138M	SERIAL No.:
MFR.: AOK	SUR.: ϕ 0.16M	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	.205	.117	.037	.198	.113	.036	.185	.106	.034	.174	.100	.032	.163	.094	.030	
2.0	.200	.110	.034	.194	.107	.033	.184	.102	.032	.174	.097	.030	.164	.093	.029	
3.0	.193	.103	.031	.188	.101	.030	.178	.097	.029	.170	.093	.029	.162	.089	.028	
4.0	.185	.096	.028	.180	.094	.028	.172	.091	.027	.164	.088	.027	.157	.085	.026	
5.0	.177	.090	.026	.173	.089	.026	.165	.086	.025	.159	.084	.025	.152	.081	.024	
6.0	.169	.085	.024	.165	.083	.024	.159	.081	.024	.153	.079	.023	.147	.077	.023	
7.0	.161	.080	.023	.158	.079	.022	.152	.077	.022	.147	.075	.022	.142	.074	.022	
8.0	.154	.075	.021	.151	.074	.021	.146	.073	.021	.141	.071	.021	.136	.070	.020	
9.0	.147	.071	.020	.144	.070	.020	.140	.069	.020	.135	.068	.019	.131	.067	.019	
10.0	.140	.067	.019	.138	.067	.019	.134	.066	.018	.130	.065	.018	.126	.063	.018	

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	.173	.157	.143	.148	.135	.123	.101	.093	.085	.058	.054	.049	.019	.017	.016	
2.0	.160	.132	.109	.137	.114	.094	.094	.079	.066	.054	.046	.039	.017	.015	.013	
3.0	.150	.114	.085	.128	.098	.074	.088	.068	.052	.051	.040	.031	.016	.013	.010	
4.0	.141	.100	.068	.121	.086	.059	.083	.060	.042	.048	.035	.025	.015	.011	.008	
5.0	.134	.088	.055	.115	.077	.048	.079	.053	.034	.046	.031	.020	.015	.010	.007	
6.0	.127	.080	.046	.109	.069	.040	.075	.048	.028	.044	.028	.017	.014	.009	.006	
7.0	.121	.072	.038	.104	.063	.033	.072	.044	.024	.042	.026	.014	.014	.008	.005	
8.0	.116	.067	.033	.100	.058	.029	.069	.041	.020	.040	.024	.012	.013	.008	.004	
9.0	.111	.062	.028	.096	.053	.025	.066	.038	.018	.039	.022	.010	.012	.007	.003	
10.0	.106	.057	.025	.092	.050	.022	.064	.035	.015	.037	.021	.009	.012	.007	.003	

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:

UGR(Unified Glare Rating) Table

Test:U:220.01V I:0.2914A P:62.416W PF:0.9737 Freq:49.99Hz Lamp Flux:10682.9x1 lm											
NAME: LED Hight Bay Light					TYPE:LED			WEIGHT:2.9kg			
SPEC.:AOK-60WoH					DIM.: ϕ 0.248*0.138M			SERIAL No.:			
MFR.: AOK					SUR.: ϕ 0.16M			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	13.7	14.8	13.9	15.0	15.2	14.4	15.5	14.6	15.7	15.9	
	3H	13.5	14.5	13.7	14.7	15.0	14.2	15.3	14.5	15.5	
	4H	13.4	14.4	13.7	14.6	14.8	14.1	15.1	14.4	15.3	
	6H	13.3	14.2	13.6	14.5	14.7	14.0	14.9	14.3	15.2	
	8H	13.2	14.1	13.6	14.4	14.7	14.0	14.9	14.3	15.1	
	12H	13.2	14.0	13.5	14.3	14.6	13.9	14.8	14.2	15.0	
4H	2H	13.4	14.4	13.7	14.6	14.8	14.1	15.1	14.4	15.3	
	3H	13.2	14.1	13.5	14.3	14.6	13.9	14.8	14.2	15.0	
	4H	13.1	13.9	13.5	14.2	14.5	13.8	14.6	14.2	14.9	
	6H	13.0	13.7	13.4	14.0	14.4	13.7	14.4	14.1	14.7	
	8H	13.0	13.6	13.4	13.9	14.3	13.7	14.3	14.1	14.7	
	12H	12.9	13.5	13.3	13.9	14.3	13.6	14.2	14.1	14.6	
8H	4H	13.0	13.6	13.4	13.9	14.3	13.7	14.3	14.1	14.7	
	6H	12.9	13.4	13.3	13.8	14.2	13.6	14.1	14.0	14.5	
	8H	12.8	13.3	13.3	13.7	14.1	13.5	14.0	14.0	14.4	
	12H	12.8	13.2	13.3	13.6	14.1	13.5	13.9	14.0	14.3	
12H	4H	12.9	13.5	13.3	13.9	14.3	13.6	14.2	14.1	14.6	
	6H	12.8	13.3	13.3	13.7	14.1	13.5	14.0	14.0	14.4	
	8H	12.8	13.2	13.3	13.6	14.1	13.5	13.9	14.0	14.3	
Variations with the observer position at spacings:											
S = 1.0H	+ 3.1 / -16.6					+ 3.1 / -16.9					
1.5H	+ 2.7 / -17.4					+ 2.8 / -18.2					
2.0H	+ 7.8 / -14.6					+ 7.3 / -16.5					

CIE Pub.117, 10683 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 8.2$)

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:

UTILIZATION FACTORS TABLE

Test:U:220.01V I:0.2914A P:62.416W PF:0.9737 Freq:49.99Hz Lamp Flux:10682.9x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:2.9kg
SPEC.:AOK-60WoH	DIM.: $\phi 0.248 \times 0.138M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.16M$	Shielding Angle:

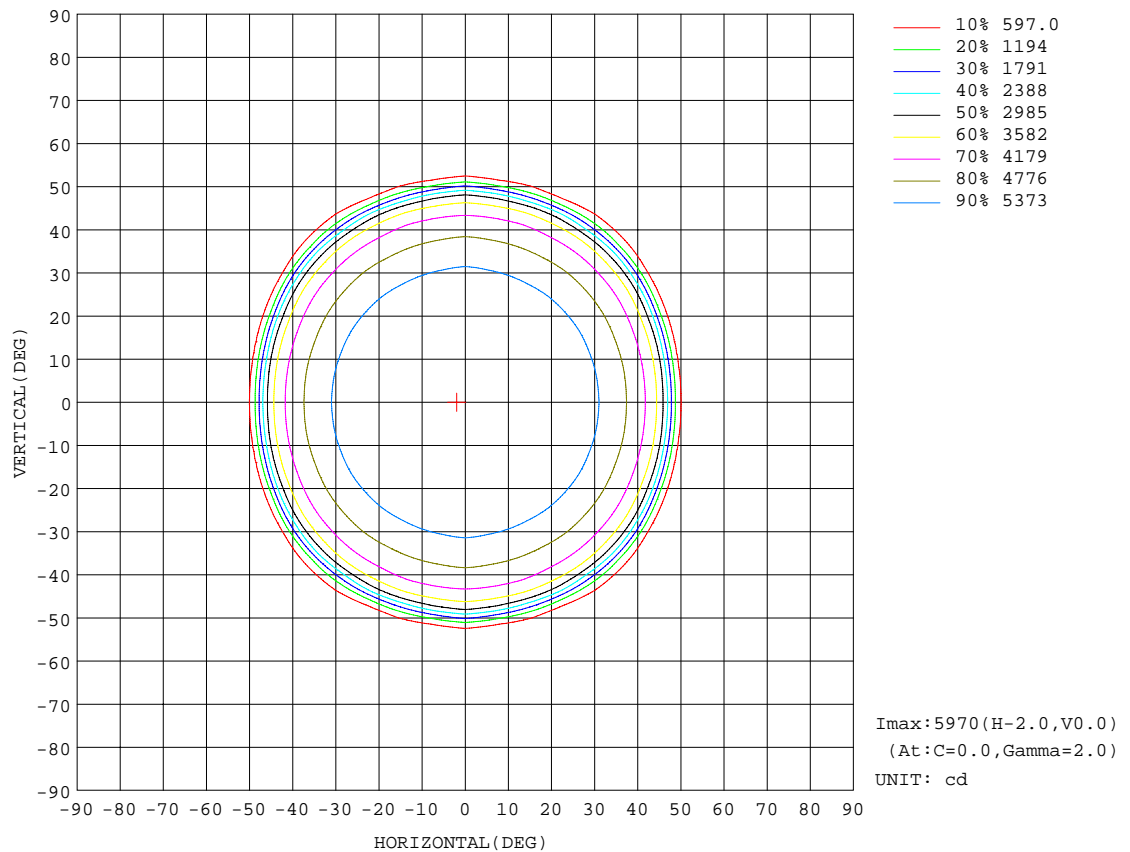
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	76	67	62	75	67	62	74	66	62	57
0.80	85	77	72	84	77	72	83	76	72	67
1.00	92	85	80	91	84	80	89	85	79	74
1.25	98	91	86	96	90	86	94	89	85	80
1.50	101	95	91	100	94	90	97	93	89	84
2.00	105	100	96	104	99	96	101	97	94	88
2.50	108	103	99	106	102	98	103	99	96	90
3.00	110	105	102	108	104	101	104	101	99	92
4.00	112	108	106	110	107	104	106	103	101	94
5.00	113	110	108	111	108	106	107	105	103	95
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

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:

ISOCANDELA DIAGRAM

Test:U:220.01V I:0.2914A P:62.416W PF:0.9737 Freq:49.99Hz Lamp Flux:10682.9x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:2.9kg
SPEC.:AOK-60WoH	DIM.: $\phi 0.248 \times 0.138\text{M}$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.16\text{M}$	Shielding Angle:

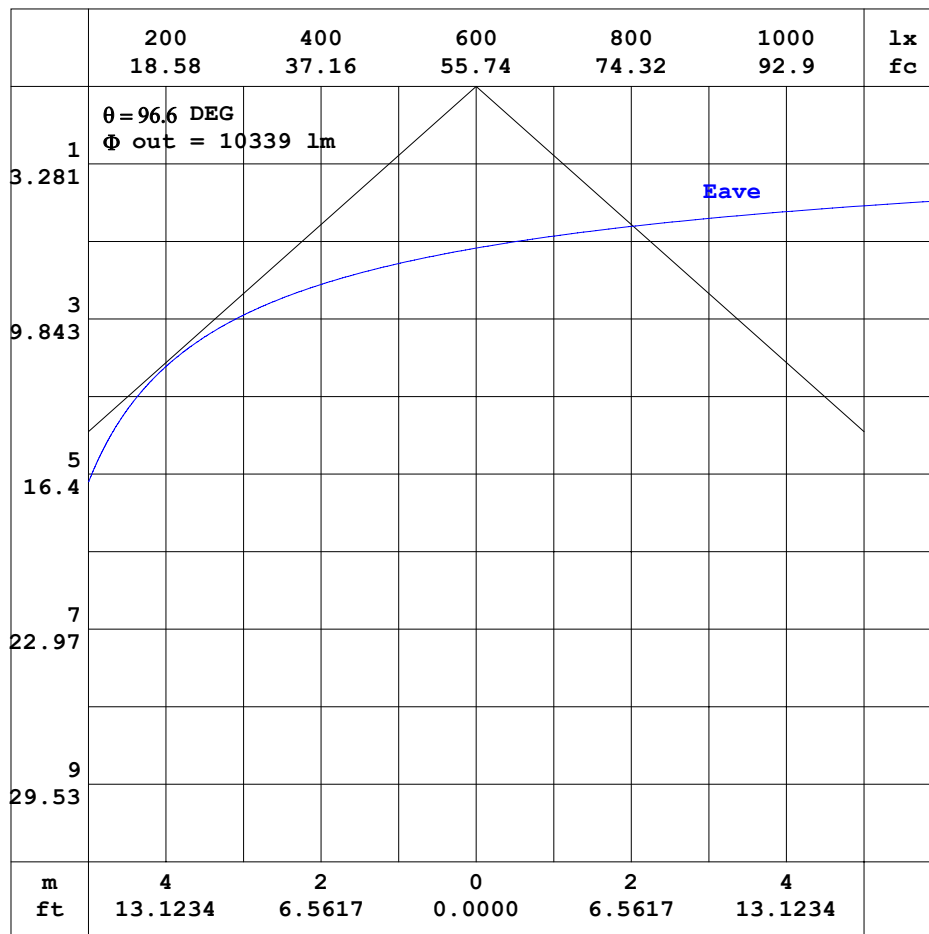


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-12-11

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:

AAI CURVES

Test:U:220.01V I:0.2914A P:62.416W PF:0.9737 Freq:49.99Hz Lamp Flux:10682.9x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:2.9kg
SPEC.:AOK-60WoH	DIM.: ϕ 0.248*0.138M	SERIAL No.:
MFR.: AOK	SUR.: ϕ 0.16M	Shielding Angle:



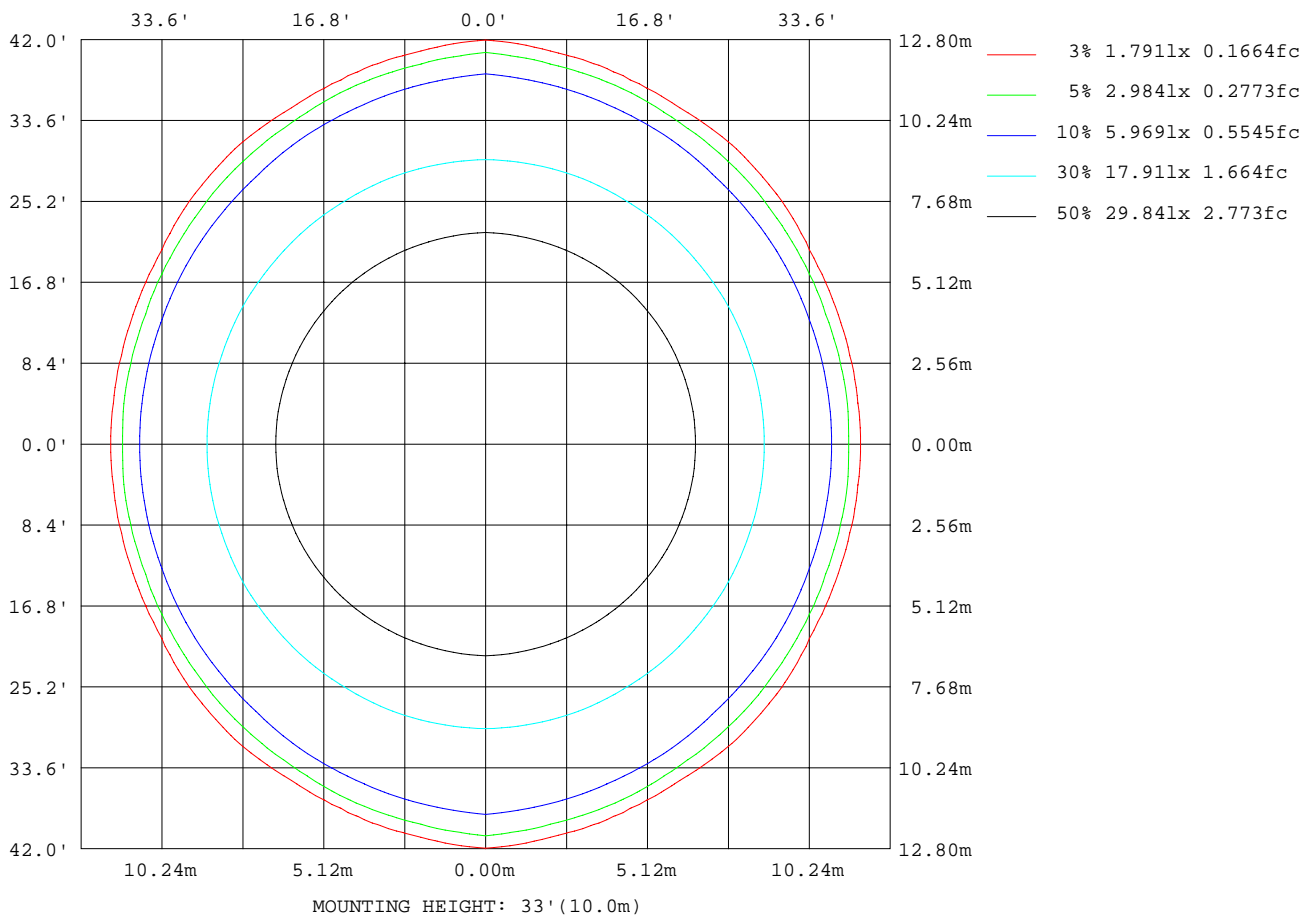
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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:

ISOLUX DIAGRAM

Test:U:220.01V I:0.2914A P:62.416W PF:0.9737 Freq:49.99Hz Lamp Flux:10682.9x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:2.9kg
SPEC.:AOK-60WoH	DIM.: ϕ 0.248*0.138M	SERIAL No.:
MFR.: AOK	SUR.: ϕ 0.16M	Shielding Angle:



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:

LED Avg.L Report

Test:U:220.01V I:0.2914A P:62.416W PF:0.9737 Freq:49.99Hz Lamp Flux:10682.9x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:2.9kg
SPEC.:AOK-60WoH	DIM.: ϕ 0.248*0.138M	SERIAL No.:
MFR.: AOK	SUR.: ϕ 0.16M	Shielding Angle:

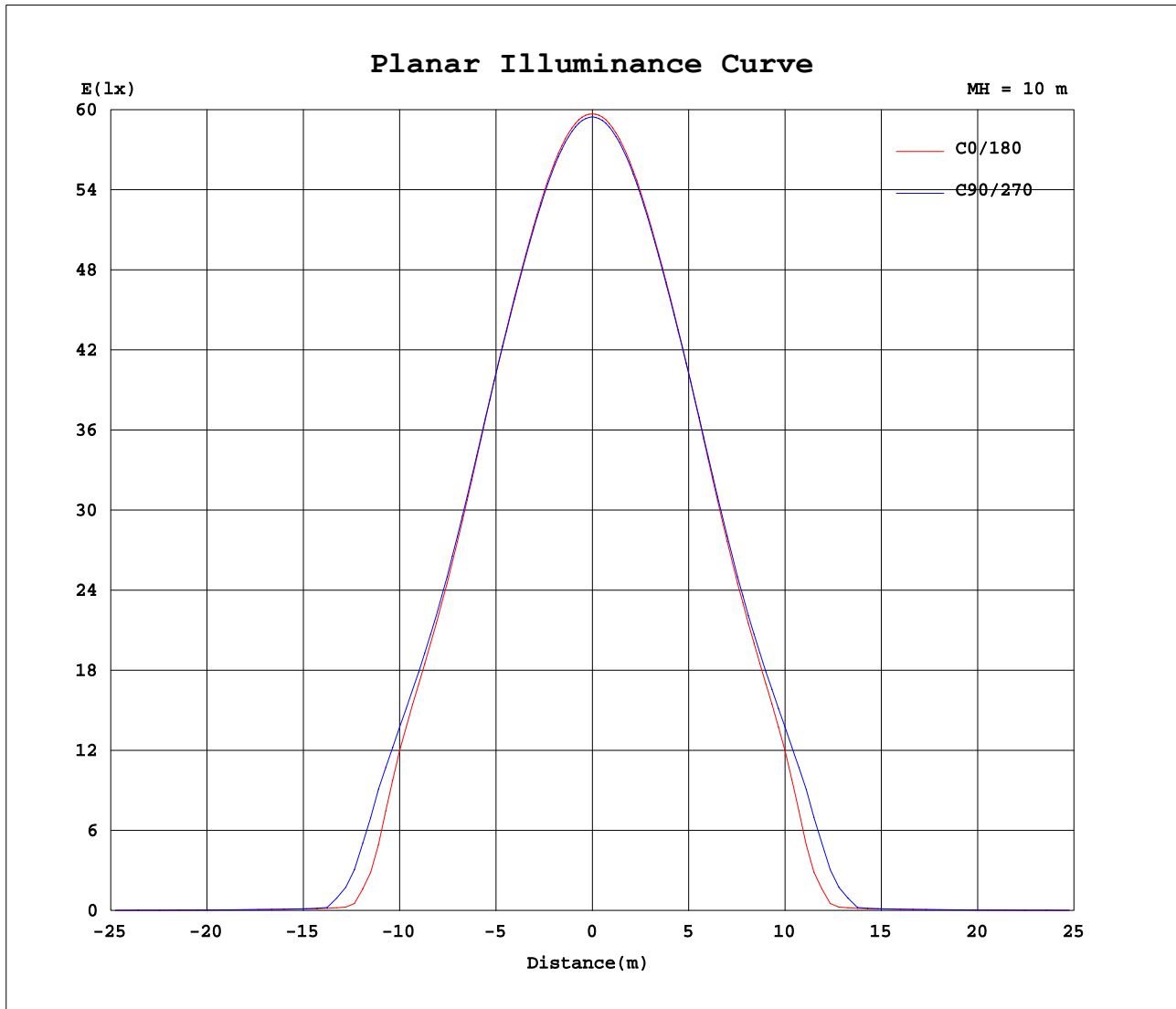
AvgL	cd/m2
L_0~180 (65) av	1048
L_0~180 (75) av	769
L_0~180 (85) av	60
L_90~270 (65) av	1061
L_90~270 (75) av	655
L_90~270 (85) av	112
L_45 (65) av	1053
L_45 (75) av	733
L_45 (85) av	77

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

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:

Planar Illuminance Curve



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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.01V I:0.2914A P:62.416W PF:0.9737 Freq:49.99Hz Lamp Flux:10682.9x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:2.9kg
SPEC.:AOK-60Woh	DIM.: $\phi 0.248 \times 0.138M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.16M$	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	5955	5955	5955	5955	5955	5955	5955	5955	5955	5955	5955	5955	5955	5955	5955	5955	5955	5955	5955
5	5952	5952	5951	5951	5950	5949	5948	5948	5948	5947	5948	5948	5948	5949	5950	5951	5951	5952	5952
10	5926	5925	5923	5923	5921	5921	5920	5921	5920	5921	5920	5921	5920	5921	5921	5923	5923	5925	5926
15	5874	5873	5870	5870	5869	5868	5867	5869	5869	5870	5869	5869	5867	5868	5869	5870	5870	5873	5874
20	5793	5792	5788	5788	5785	5785	5785	5787	5789	5793	5789	5787	5785	5785	5785	5788	5788	5792	5793
25	5671	5670	5667	5666	5662	5663	5664	5669	5672	5679	5672	5669	5664	5663	5662	5666	5667	5670	5671
30	5428	5429	5424	5427	5423	5426	5423	5439	5452	5474	5452	5439	5423	5426	5423	5427	5424	5429	5428
35	5019	5020	5015	5021	5023	5030	5031	5045	5067	5108	5067	5045	5031	5030	5023	5021	5015	5020	5019
40	4447	4448	4448	4465	4468	4497	4511	4552	4572	4612	4572	4552	4511	4497	4468	4465	4448	4448	4447
45	3382	3399	3388	3462	3487	3580	3652	3777	3827	3895	3827	3777	3652	3580	3487	3462	3388	3399	3382
50	612	581	632	666	877	929	1062	1349	1553	1901	1553	1349	1062	929	877	666	632	581	612
55	77.9	77.4	76.5	77.7	78.4	80.8	82.4	85.3	111	92.0	111	85.3	82.4	80.8	78.4	77.7	76.5	77.4	77.9
60	58.2	57.9	57.4	57.8	58.2	59.3	59.6	60.1	60.5	61.8	60.5	60.1	59.6	59.3	58.2	57.8	57.4	57.9	58.2
65	44.3	44.0	43.8	44.1	44.4	44.4	43.7	43.9	44.0	44.9	44.0	43.9	43.7	44.4	44.4	44.1	43.8	44.0	44.3
70	32.8	32.7	32.6	33.1	32.4	31.7	30.8	30.6	30.0	30.7	30.0	30.6	30.8	31.7	32.4	33.1	32.6	32.7	32.8
75	19.9	19.9	19.7	20.0	19.1	18.7	17.4	17.1	16.5	17.0	16.5	17.1	17.4	18.7	19.1	20.0	19.7	19.9	19.9
80	8.20	8.18	8.04	7.76	7.11	6.94	6.70	6.65	6.61	6.98	6.61	6.65	6.70	6.94	7.11	7.76	8.04	8.18	8.20
85	0.52	0.52	0.57	0.57	0.67	0.69	0.79	0.84	0.94	0.98	0.94	0.84	0.79	0.69	0.67	0.57	0.57	0.52	0.52
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

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.01V I:0.2914A P:62.416W PF:0.9737 Freq:49.99Hz Lamp Flux:10682.9x1 lm																	
NAME: LED Hight Bay Light									TYPE:LED						WEIGHT:2.9kg		
SPEC.:AOK-60WoH									DIM.: ϕ 0.248*0.138M						SERIAL No.:		
MFR.: AOK									SUR.: ϕ 0.16M						Shielding Angle:		

Table--2

UNIT: cd

C (DEG) γ (DEG)	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350		
0	5955	5955	5955	5955	5955	5955	5955	5955	5955	5955	5955	5955	5955	5955	5955	5955	5955		
5	5952	5951	5951	5950	5949	5948	5948	5948	5947	5948	5948	5948	5949	5950	5951	5951	5952		
10	5925	5923	5923	5921	5921	5920	5921	5920	5921	5920	5921	5920	5921	5921	5923	5923	5925		
15	5873	5870	5870	5869	5868	5867	5869	5869	5870	5869	5869	5867	5868	5869	5870	5870	5873		
20	5792	5788	5788	5785	5785	5785	5787	5789	5793	5789	5787	5785	5785	5785	5788	5788	5792		
25	5670	5667	5666	5662	5663	5664	5669	5672	5679	5672	5669	5664	5663	5662	5666	5667	5670		
30	5429	5424	5427	5423	5426	5423	5439	5452	5474	5452	5439	5423	5426	5423	5427	5424	5429		
35	5020	5015	5021	5023	5030	5031	5045	5067	5108	5067	5045	5031	5030	5023	5021	5015	5020		
40	4448	4448	4465	4468	4497	4511	4552	4572	4612	4572	4552	4511	4497	4468	4465	4448	4448		
45	3399	3388	3462	3487	3580	3652	3777	3827	3895	3827	3777	3652	3580	3487	3462	3388	3399		
50	581	632	666	877	929	1062	1349	1553	1901	1553	1349	1062	929	877	666	632	581		
55	77.4	76.5	77.7	78.4	80.8	82.4	85.3	111	92.0	111	85.3	82.4	80.8	78.4	77.7	76.5	77.4		
60	57.9	57.4	57.8	58.2	59.3	59.6	60.1	60.5	61.8	60.5	60.1	59.6	59.3	58.2	57.8	57.4	57.9		
65	44.0	43.8	44.1	44.4	44.4	43.7	43.9	44.0	44.9	44.0	43.9	43.7	44.4	44.4	44.1	43.8	44.0		
70	32.7	32.6	33.1	32.4	31.7	30.8	30.6	30.0	30.7	30.0	30.6	30.8	31.7	32.4	33.1	32.6	32.7		
75	19.9	19.7	20.0	19.1	18.7	17.4	17.1	16.5	17.0	16.5	17.1	17.4	18.7	19.1	20.0	19.7	19.9		
80	8.18	8.04	7.76	7.11	6.94	6.70	6.65	6.61	6.98	6.61	6.65	6.70	6.94	7.11	7.76	8.04	8.18		
85	0.52	0.57	0.57	0.67	0.69	0.79	0.84	0.94	0.98	0.94	0.84	0.79	0.69	0.67	0.57	0.57	0.52		
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: