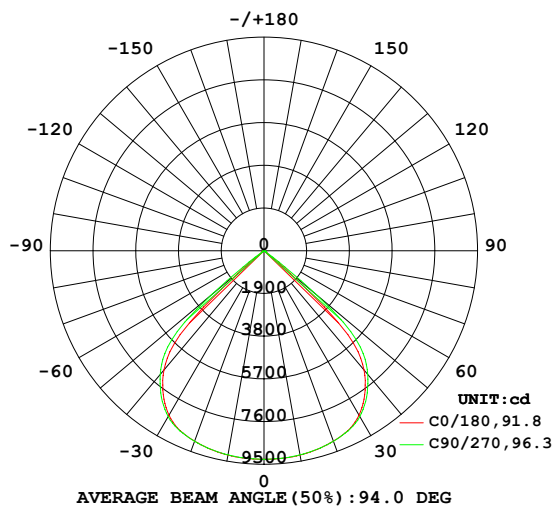


LUMINAIRE PHOTOMETRIC TEST REPORT

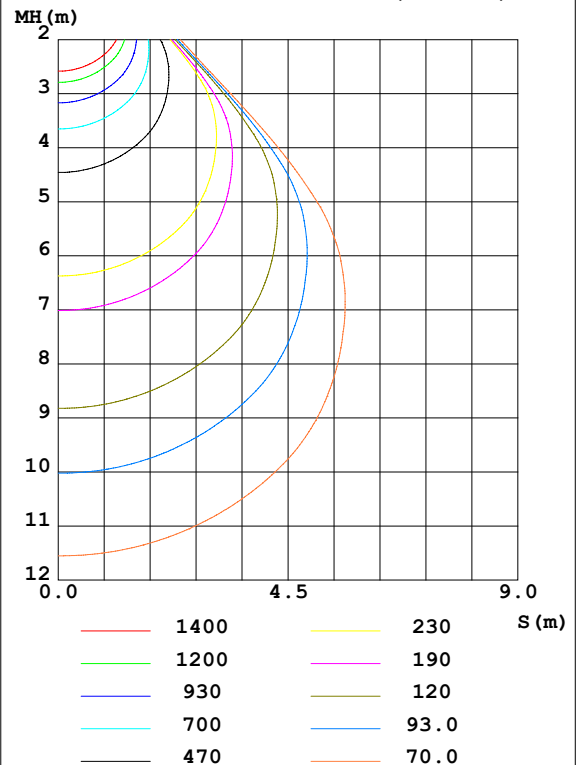
Test:U:219.85V I:0.4659A P:100.85W PF:0.9847 Freq:49.99Hz Lamp Flux:16672.3x1 lm					
NAME: LED Hight Bay Light			TYPE:LED		WEIGHT:2.9kg
SPEC.:AOK-100WoH			DIM.: ϕ 0.248*0.138M		SERIAL No.:
MFR.: AOK			SUR.: ϕ 0.16M		Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 165.31 lm/W
MODEL	5050	I _{max} (cd)	9275	S/MH (C0/180)	1.33	
NOMINAL POWER (W)	100	LOR (%)	100.0	S/MH (C90/270)	1.34	
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	16672	η UP,DN (C0-180)	0.0,50.0	
NOMINAL FLUX (lm)	16672.3	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:

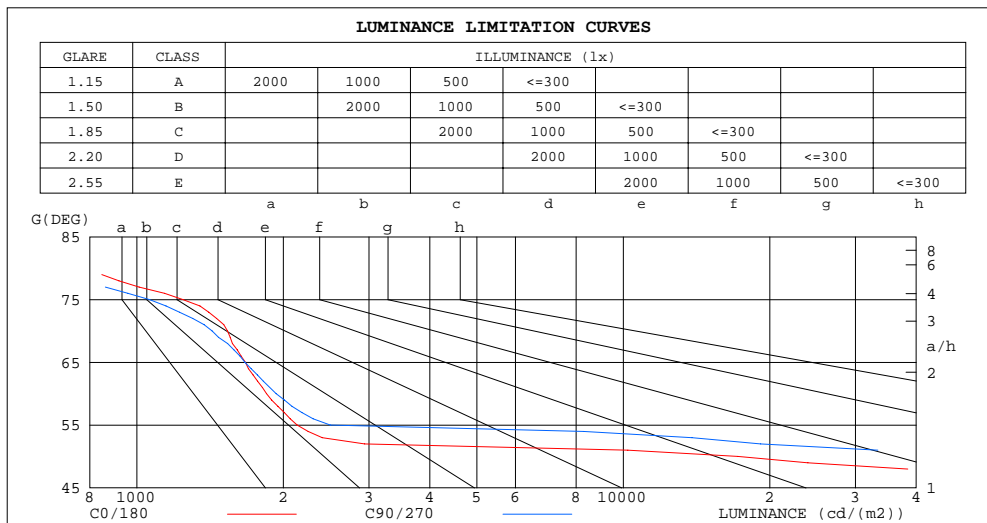
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	9227	9220	9220	9220	9227	9220	9220	9220	0- 10	883.0	883.0	5.3,5.3
20	9018	9008	9019	9008	9018	9008	9019	9008	10- 20	2585	3468	20.8,20.8
30	8450	8445	8521	8445	8450	8445	8521	8445	20- 30	4062	7530	45.2,45.2
40	6926	6983	7178	6983	6926	6983	7178	6983	30- 40	4884	12414	74.5,74.5
50	1097	1299	3039	1299	1097	1299	3039	1299	40- 50	3866	16280	97.6,97.6
60	91.73	92.54	97.13	92.54	91.73	92.54	97.13	92.54	50- 60	286.3	16567	99.4,99.4
70	52.15	51.10	49.05	51.10	52.15	51.10	49.05	51.10	60- 70	69.66	16636	99.8,99.8
80	13.77	12.02	12.04	12.02	13.77	12.02	12.04	12.02	70- 80	31.91	16668	100,100
90	0	0	0	0	0	0	0	0	80- 90	4.179	16672	100,100
100	0	0	0	0	0	0	0	0	90-100	0	16672	100,100
110	0	0	0	0	0	0	0	0	100-110	0	16672	100,100
120	0	0	0	0	0	0	0	0	110-120	0	16672	100,100
130	0	0	0	0	0	0	0	0	120-130	0	16672	100,100
140	0	0	0	0	0	0	0	0	130-140	0	16672	100,100
150	0	0	0	0	0	0	0	0	140-150	0	16672	100,100
160	0	0	0	0	0	0	0	0	150-160	0	16672	100,100
170	0	0	0	0	0	0	0	0	160-170	0	16672	100,100
180	0	0	0	0	0	0	0	0	170-180	0	16672	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:219.85V I:0.4659A P:100.85W PF:0.9847 Freq:49.99Hz Lamp Flux:16672.3x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:2.9kg
SPEC.:AOK-100WoH	DIM.: ϕ 0.248*0.138M	SERIAL No.:
MFR.: AOK	SUR.: ϕ 0.16M	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	209	286
80	798	690
75	1243	1061
70	1535	1427
65	1671	1668
60	1848	1933
55	2135	2498
50	17190	47061
45	75112	85408

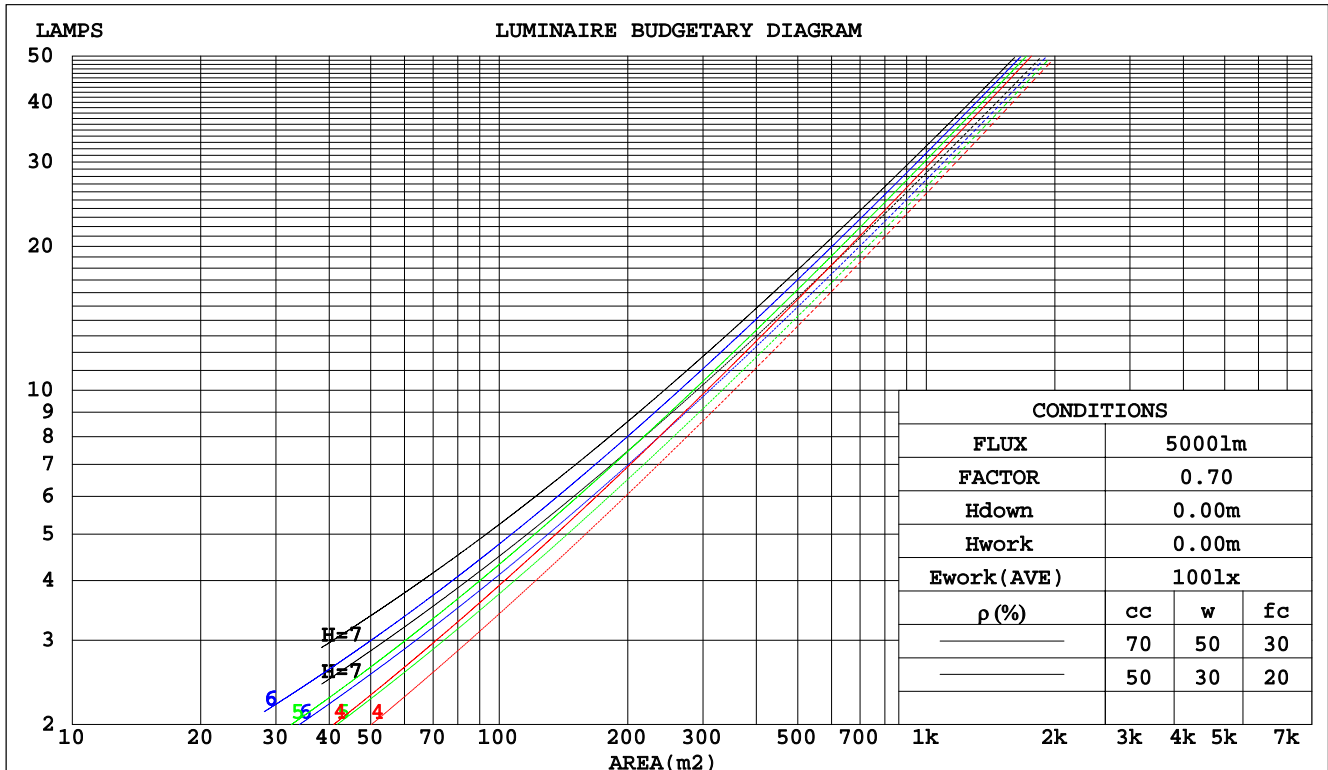
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-12-11

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:219.85V I:0.4659A P:100.85W PF:0.9847 Freq:49.99Hz Lamp Flux:16672.3x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:2.9kg
SPEC.:AOK-100WoH	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	.84	.83
3.0	.91	.85	.81	.90	.84	.80	.87	.83	.79	.85	.81	.78	.82	.79	.76	.75
4.0	.84	.77	.72	.82	.76	.72	.80	.75	.71	.78	.73	.70	.76	.72	.69	.67
5.0	.77	.70	.65	.76	.69	.64	.74	.68	.64	.72	.67	.63	.70	.66	.62	.61
6.0	.70	.63	.58	.70	.63	.58	.68	.62	.57	.66	.61	.57	.65	.60	.57	.55
7.0	.65	.58	.53	.64	.57	.52	.63	.57	.52	.61	.56	.52	.60	.55	.52	.50
8.0	.60	.53	.48	.59	.52	.48	.58	.52	.47	.57	.51	.47	.56	.51	.47	.45
9.0	.55	.48	.44	.55	.48	.44	.54	.48	.43	.53	.47	.43	.52	.47	.43	.41
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:219.85V I:0.4659A P:100.85W PF:0.9847 Freq:49.99Hz Lamp Flux:16672.3x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:2.9kg
SPEC.:AOK-100WoH	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	.186	.107	.034	.174	.100	.032	.163	.095	.030	
2.0	.200	.110	.034	.195	.107	.033	.184	.102	.032	.174	.097	.031	.165	.093	.029	
3.0	.193	.103	.031	.188	.101	.030	.179	.097	.029	.170	.093	.029	.162	.090	.028	
4.0	.185	.096	.028	.181	.095	.028	.172	.091	.027	.165	.088	.027	.158	.086	.026	
5.0	.177	.090	.026	.173	.089	.026	.166	.086	.025	.159	.084	.025	.153	.082	.024	
6.0	.169	.085	.024	.165	.084	.024	.159	.081	.024	.153	.079	.023	.147	.078	.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	.145	.070	.020	.140	.069	.020	.135	.068	.019	.131	.067	.019	
10.0	.141	.067	.019	.138	.067	.019	.134	.066	.018	.130	.065	.018	.126	.064	.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	.054	.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:219.85V I:0.4659A P:100.85W PF:0.9847 Freq:49.99Hz Lamp Flux:16672.3x1 lm											
NAME: LED Hight Bay Light					TYPE:LED			WEIGHT:2.9kg			
SPEC.:AOK-100WoH					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	15.6	14.7	15.8	15.9
	3H	13.5	14.5	13.7	14.7	15.0	14.2	15.3	14.5	15.5	15.7
	4H	13.4	14.4	13.7	14.6	14.8	14.1	15.1	14.4	15.4	15.6
	6H	13.3	14.2	13.6	14.5	14.7	14.0	15.0	14.4	15.2	15.5
	8H	13.2	14.1	13.6	14.4	14.7	14.0	14.9	14.3	15.1	15.4
	12H	13.2	14.1	13.5	14.3	14.6	13.9	14.8	14.3	15.1	15.4
4H	2H	13.4	14.4	13.7	14.6	14.8	14.1	15.1	14.4	15.4	15.6
	3H	13.2	14.1	13.5	14.3	14.6	14.0	14.8	14.3	15.1	15.4
	4H	13.1	13.9	13.5	14.2	14.5	13.9	14.6	14.2	14.9	15.2
	6H	13.0	13.7	13.4	14.0	14.4	13.8	14.4	14.2	14.8	15.1
	8H	13.0	13.6	13.4	13.9	14.3	13.7	14.3	14.1	14.7	15.1
	12H	12.9	13.5	13.3	13.9	14.3	13.7	14.2	14.1	14.6	15.0
8H	4H	13.0	13.6	13.4	13.9	14.3	13.7	14.3	14.1	14.7	15.1
	6H	12.9	13.4	13.3	13.8	14.2	13.6	14.1	14.1	14.5	14.9
	8H	12.8	13.3	13.3	13.7	14.1	13.6	14.0	14.0	14.4	14.9
	12H	12.8	13.2	13.3	13.6	14.1	13.5	13.9	14.0	14.4	14.8
12H	4H	12.9	13.5	13.3	13.9	14.3	13.7	14.2	14.1	14.6	15.0
	6H	12.8	13.3	13.3	13.7	14.1	13.6	14.0	14.0	14.4	14.9
	8H	12.8	13.2	13.3	13.6	14.1	13.5	13.9	14.0	14.4	14.8
Variations with the observer position at spacings:											
S = 1.0H	+ 3.1 / -16.5					+ 3.1 / -16.7					
1.5H	+ 2.6 / -17.3					+ 2.7 / -18.1					
2.0H	+ 7.7 / -14.6					+ 7.2 / -16.3					

CIE Pub.117, 16672 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 9.8$)

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:219.85V I:0.4659A P:100.85W PF:0.9847 Freq:49.99Hz Lamp Flux:16672.3x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:2.9kg
SPEC.:AOK-100WoH	DIM.: $\phi 0.248 \times 0.138M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.16M$	Shielding Angle:

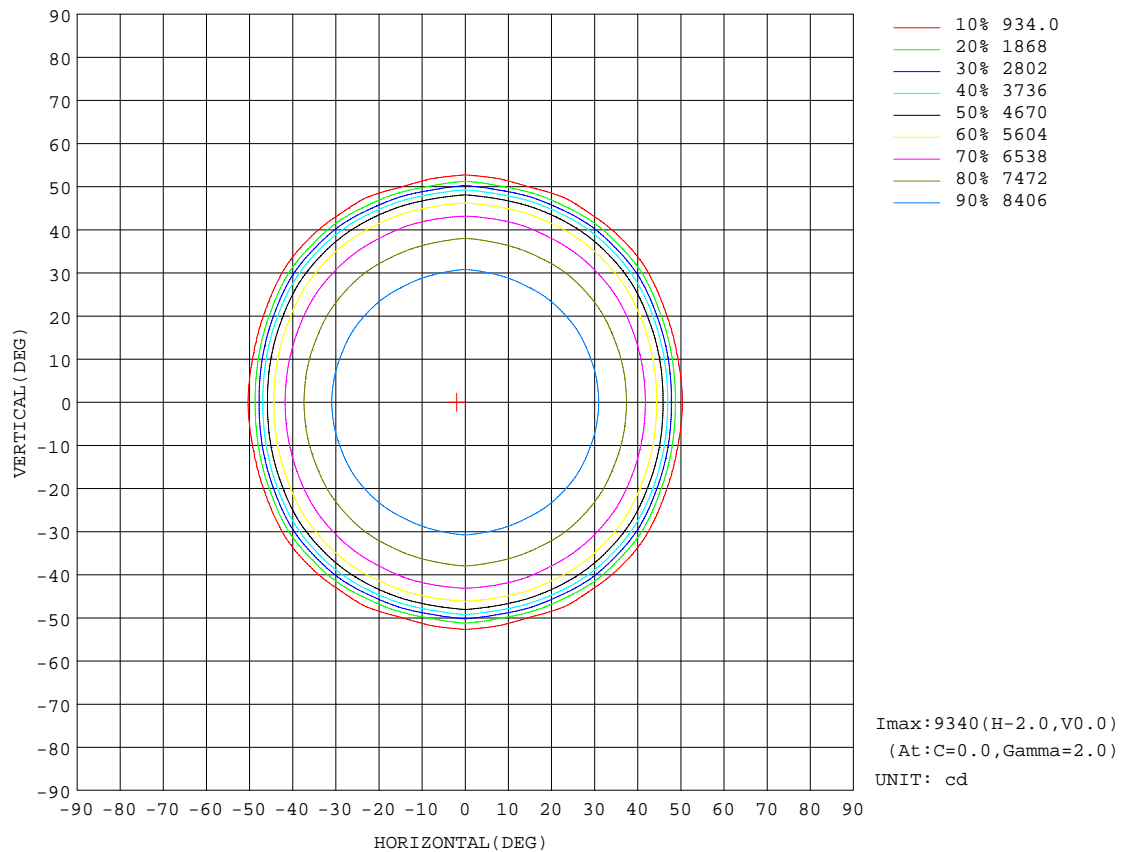
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	75	67	62	75	67	62	74	66	62	57
0.80	85	77	72	84	77	72	83	76	71	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	95	101	97	94	88
2.50	108	103	99	106	101	98	103	99	96	90
3.00	110	105	102	108	104	101	104	101	99	92
4.00	112	108	105	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:219.85V I:0.4659A P:100.85W PF:0.9847 Freq:49.99Hz Lamp Flux:16672.3x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:2.9kg
SPEC.:AOK-100WoH	DIM.: ϕ 0.248*0.138M	SERIAL No.:
MFR.: AOK	SUR.: ϕ 0.16M	Shielding Angle:

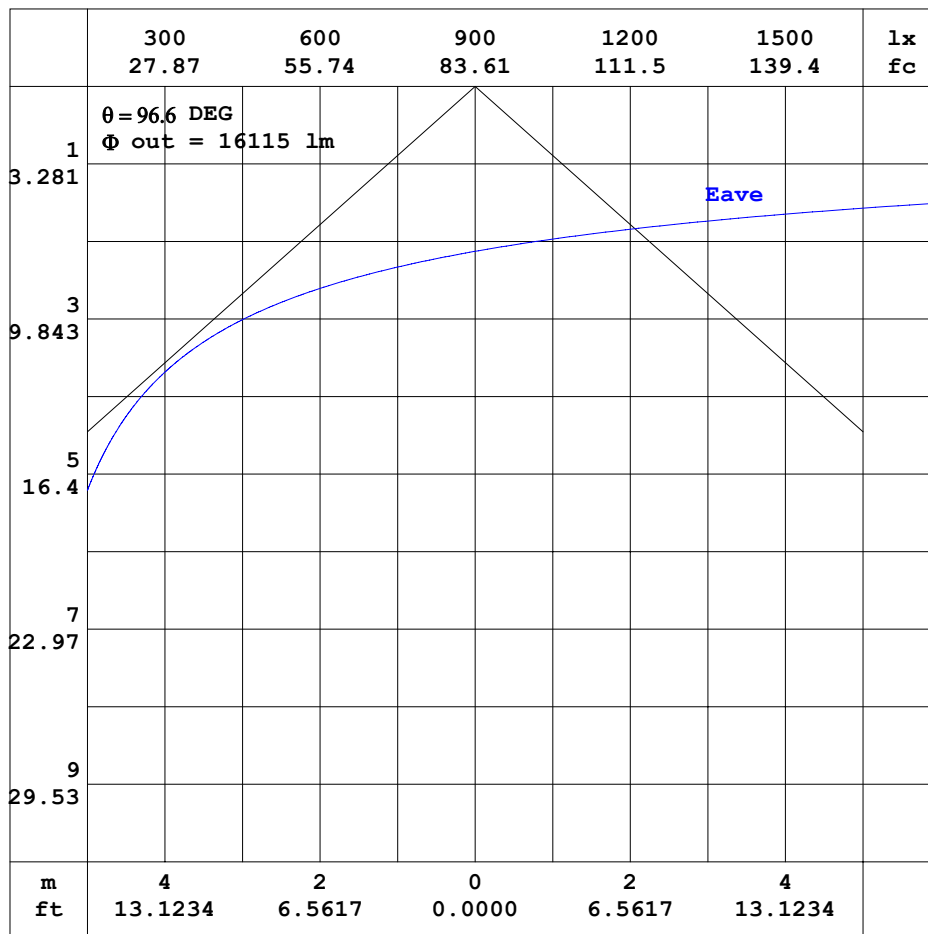


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-12-11

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:

AAI CURVES

Test:U:219.85V I:0.4659A P:100.85W PF:0.9847 Freq:49.99Hz Lamp Flux:16672.3x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:2.9kg
SPEC.:AOK-100WoH	DIM.: ϕ 0.248*0.138M	SERIAL No.:
MFR.: AOK	SUR.: ϕ 0.16M	Shielding Angle:



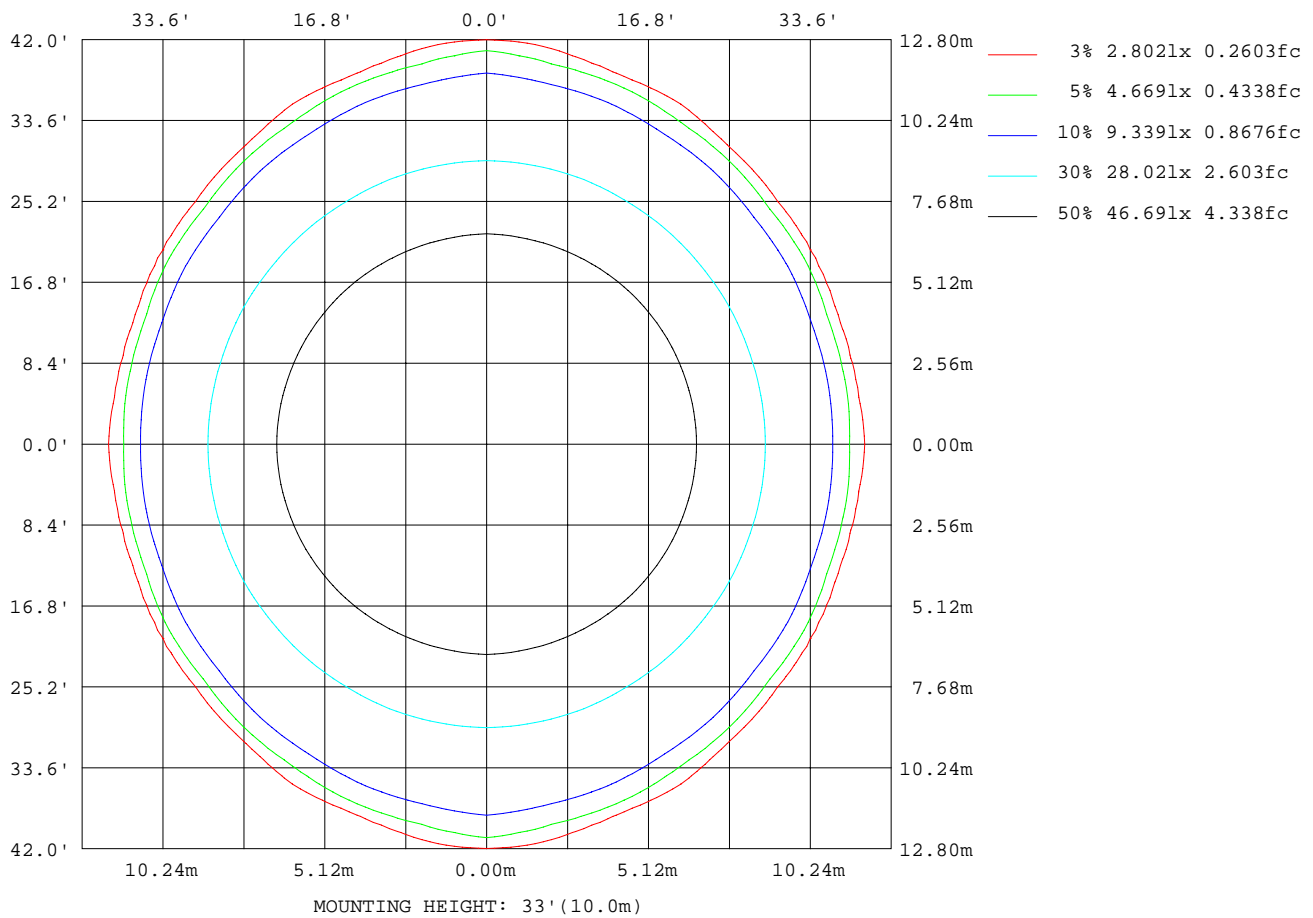
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:219.85V I:0.4659A P:100.85W PF:0.9847 Freq:49.99Hz Lamp Flux:16672.3x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:2.9kg
SPEC.:AOK-100WoH	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:219.85V I:0.4659A P:100.85W PF:0.9847 Freq:49.99Hz Lamp Flux:16672.3x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:2.9kg
SPEC.:AOK-100WoH	DIM.: ϕ 0.248*0.138M	SERIAL No.:
MFR.: AOK	SUR.: ϕ 0.16M	Shielding Angle:

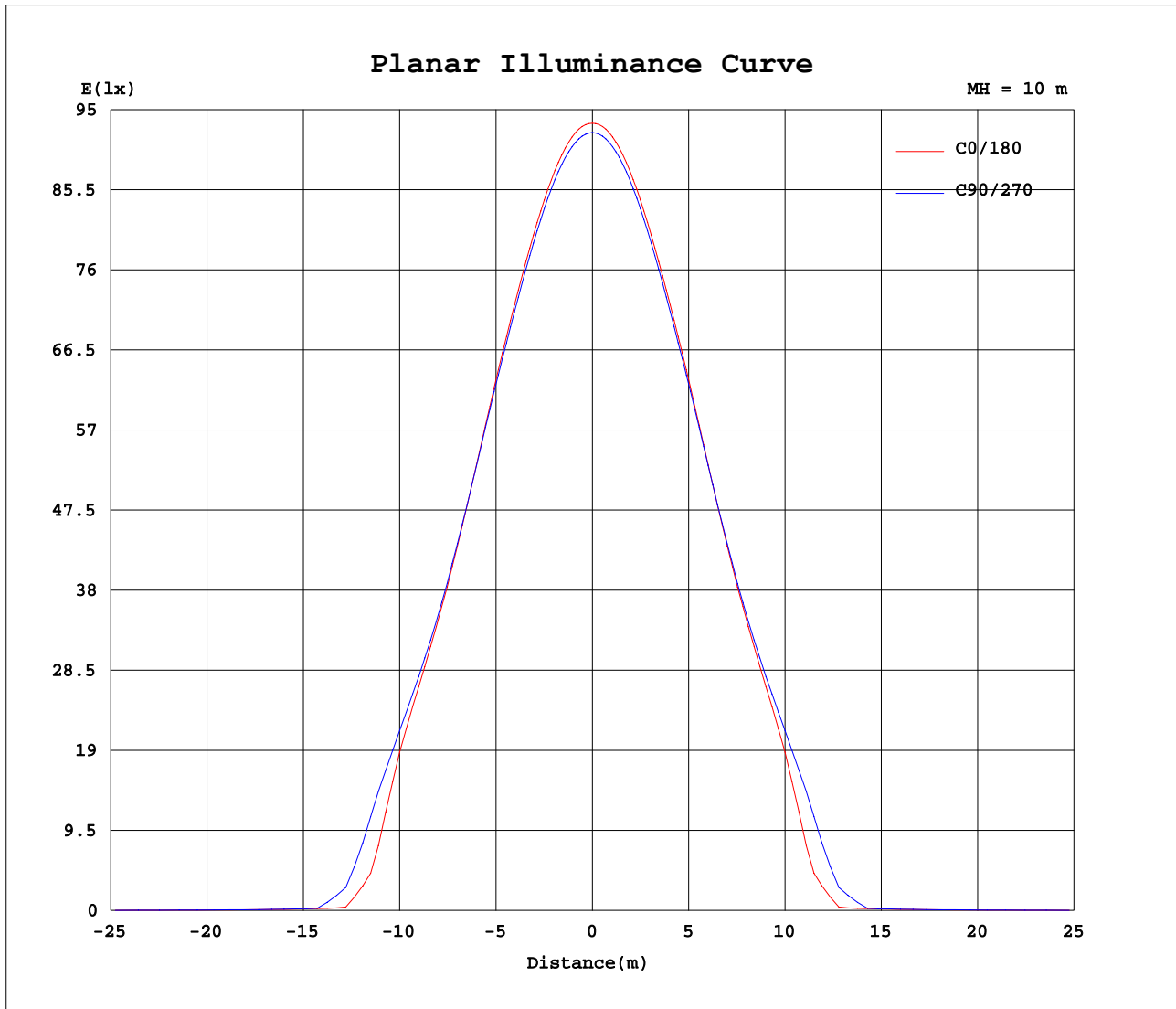
AvgL	cd/m2
L_0~180 (65) av	1659
L_0~180 (75) av	1234
L_0~180 (85) av	207
L_90~270 (65) av	1676
L_90~270 (75) av	1066
L_90~270 (85) av	288
L_45 (65) av	1667
L_45 (75) av	1186
L_45 (85) av	234

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:219.85V I:0.4659A P:100.85W PF:0.9847 Freq:49.99Hz Lamp Flux:16672.3x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:2.9kg
SPEC.:AOK-100WoH	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	9273	9273	9273	9273	9273	9273	9273	9273	9273	9273	9273	9273	9273	9273	9273	9273	9273	9273	9273
5	9269	9268	9266	9266	9264	9264	9262	9262	9261	9261	9261	9262	9262	9264	9264	9266	9266	9268	9269
10	9227	9226	9223	9223	9220	9221	9218	9219	9219	9220	9219	9219	9218	9221	9220	9223	9223	9226	9227
15	9144	9144	9139	9139	9135	9136	9134	9136	9137	9140	9137	9136	9134	9136	9135	9139	9139	9144	9144
20	9018	9016	9012	9011	9007	9008	9006	9010	9012	9019	9012	9010	9006	9008	9007	9011	9012	9016	9018
25	8827	8826	8821	8821	8814	8817	8817	8825	8830	8842	8830	8825	8817	8817	8814	8821	8821	8826	8827
30	8450	8452	8444	8451	8444	8446	8444	8466	8487	8521	8487	8466	8444	8446	8444	8451	8444	8452	8450
35	7813	7818	7808	7818	7823	7834	7833	7856	7887	7953	7887	7856	7833	7834	7823	7818	7808	7818	7813
40	6926	6930	6929	6955	6960	7007	7027	7086	7121	7178	7121	7086	7027	7007	6960	6955	6929	6930	6926
45	5274	5304	5287	5403	5442	5587	5699	5890	5971	6068	5971	5890	5699	5587	5442	5403	5287	5304	5274
50	1097	898	882	1041	1139	1459	1682	2204	2455	3039	2455	2204	1682	1459	1139	1041	882	898	1097
55	122	121	119	122	122	127	128	133	136	144	136	133	128	127	122	122	119	121	122
60	91.7	91.3	90.4	91.1	91.7	93.4	93.8	94.6	95.0	97.1	95.0	94.6	93.8	93.4	91.7	91.1	90.4	91.3	91.7
65	70.1	69.6	69.3	69.9	70.4	70.3	69.2	69.5	69.5	70.8	69.5	69.5	69.2	70.3	70.4	69.9	69.3	69.6	70.1
70	52.1	52.0	51.9	52.7	51.6	50.6	49.1	48.8	47.9	49.1	47.9	48.8	49.1	50.6	51.6	52.7	51.9	52.0	52.1
75	31.9	32.1	31.7	32.2	30.9	30.3	28.3	27.8	26.9	27.6	26.9	27.8	28.3	30.3	30.9	32.2	31.7	32.1	31.9
80	13.8	13.7	13.5	13.1	12.1	11.9	11.6	11.5	11.5	12.0	11.5	11.5	11.6	11.9	12.1	13.1	13.5	13.7	13.8
85	1.81	1.80	1.88	1.91	2.01	2.08	2.23	2.31	2.45	2.51	2.45	2.31	2.23	2.08	2.01	1.91	1.88	1.80	1.81
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:219.85V I:0.4659A P:100.85W PF:0.9847 Freq:49.99Hz Lamp Flux:16672.3x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:2.9kg
SPEC.:AOK-100WoH	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	9273	9273	9273	9273	9273	9273	9273	9273	9273	9273	9273	9273	9273	9273	9273	9273	9273		
5	9268	9266	9266	9264	9264	9262	9262	9261	9261	9261	9262	9262	9264	9264	9266	9266	9268		
10	9226	9223	9223	9220	9221	9218	9219	9219	9220	9219	9219	9218	9221	9220	9223	9223	9226		
15	9144	9139	9139	9135	9136	9134	9136	9137	9140	9137	9136	9134	9136	9135	9139	9139	9144		
20	9016	9012	9011	9007	9008	9006	9010	9012	9019	9012	9010	9006	9008	9007	9011	9012	9016		
25	8826	8821	8821	8814	8817	8817	8825	8830	8842	8830	8825	8817	8817	8814	8821	8821	8826		
30	8452	8444	8451	8444	8446	8444	8466	8487	8521	8487	8466	8444	8446	8444	8451	8444	8452		
35	7818	7808	7818	7823	7834	7833	7856	7887	7953	7887	7856	7833	7834	7823	7818	7808	7818		
40	6930	6929	6955	6960	7007	7027	7086	7121	7178	7121	7086	7027	7007	6960	6955	6929	6930		
45	5304	5287	5403	5442	5587	5699	5890	5971	6068	5971	5890	5699	5587	5442	5403	5287	5304		
50	898	882	1041	1139	1459	1682	2204	2455	3039	2455	2204	1682	1459	1139	1041	882	898		
55	121	119	122	122	127	128	133	136	144	136	133	128	127	122	122	119	121		
60	91.3	90.4	91.1	91.7	93.4	93.8	94.6	95.0	97.1	95.0	94.6	93.8	93.4	91.7	91.1	90.4	91.3		
65	69.6	69.3	69.9	70.4	70.3	69.2	69.5	69.5	70.8	69.5	69.5	69.2	70.3	70.4	69.9	69.3	69.6		
70	52.0	51.9	52.7	51.6	50.6	49.1	48.8	47.9	49.1	47.9	48.8	49.1	50.6	51.6	52.7	51.9	52.0		
75	32.1	31.7	32.2	30.9	30.3	28.3	27.8	26.9	27.6	26.9	27.8	28.3	30.3	30.9	32.2	31.7	32.1		
80	13.7	13.5	13.1	12.1	11.9	11.6	11.5	11.5	12.0	11.5	11.5	11.6	11.9	12.1	13.1	13.5	13.7		
85	1.80	1.88	1.91	2.01	2.08	2.23	2.31	2.45	2.51	2.45	2.31	2.23	2.08	2.01	1.91	1.88	1.80		
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: