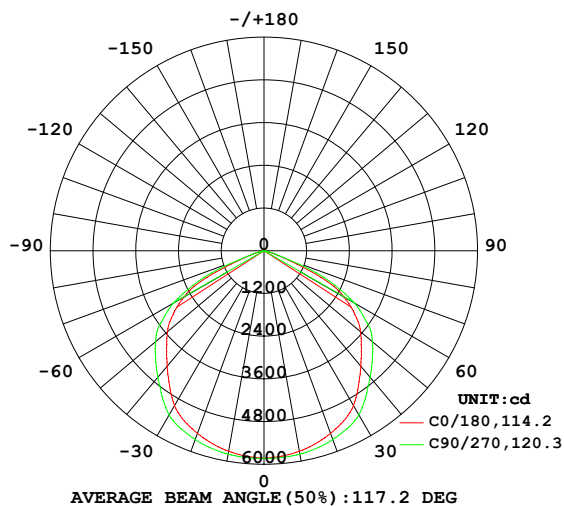


LUMINAIRE PHOTOMETRIC TEST REPORT

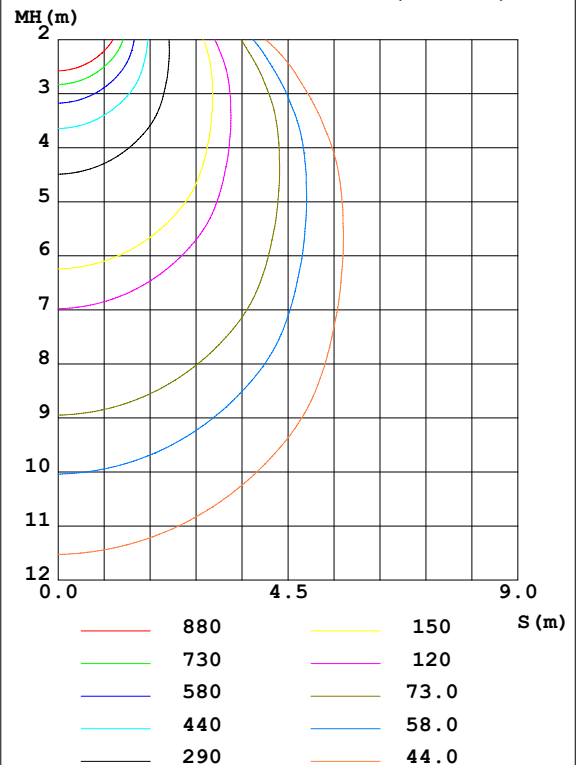
Test:U:219.92V I:0.4868A P:98.474W PF:0.9853 Freq:49.99Hz Lamp Flux:15788.5x1 lm					
NAME: LED Hight Bay Light			TYPE:LED		WEIGHT:2.9kg
SPEC.:AOK-100WoH			DIM.: ϕ 0.248*0.138M		SERIAL No.:
MFR.: AOK			SUR.: ϕ 0.16M		Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 160.33 lm/W			
MODEL	5050	I _{max} (cd)	5833	S/MH (C0/180)	1.27
NOMINAL POWER (W)	100	LOR (%)	100.0	S/MH (C90/270)	1.34
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	15788	η UP,DN (C0-180)	0.0,50.0
NOMINAL FLUX (lm)	15788.5	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:

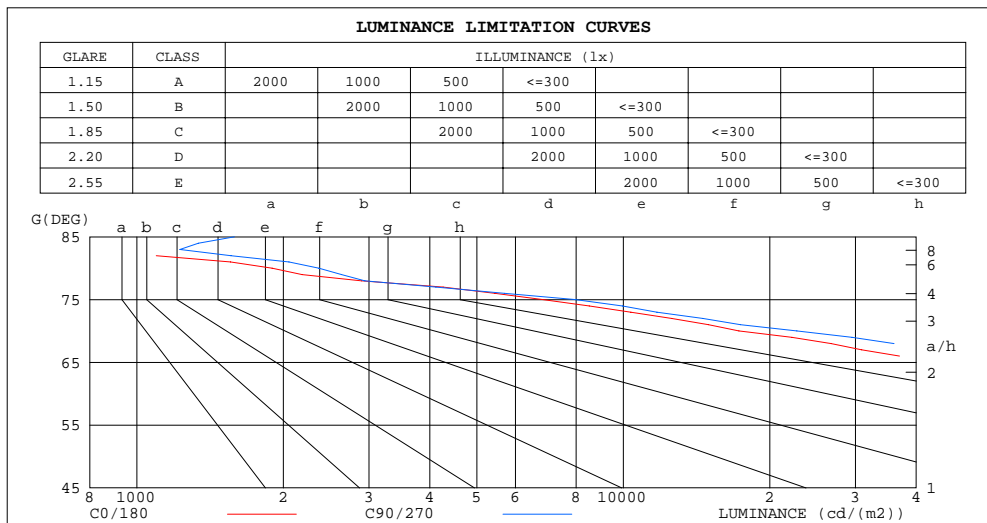
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	5717	5756	5800	5756	5717	5756	5800	5756	0- 10	552.8	552.8	3.5,3.5
20	5463	5551	5646	5551	5463	5551	5646	5551	10- 20	1603	2156	13.7,13.7
30	5025	5165	5326	5165	5025	5165	5326	5165	20- 30	2487	4643	29.4,29.4
40	4234	4436	4640	4436	4234	4436	4640	4436	30- 40	3005	7649	48.4,48.4
50	3542	3753	3980	3753	3542	3753	3980	3753	40- 50	3168	10817	68.5,68.5
60	2590	2752	2940	2752	2590	2752	2940	2752	50- 60	2942	13759	87.1,87.1
70	589.4	621.5	779.3	621.5	589.4	621.5	779.3	621.5	60- 70	1770	15530	98.4,98.4
80	32.86	34.68	41.18	34.68	32.86	34.68	41.18	34.68	70- 80	245.7	15775	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	13.26	15788	100,100
100	0	0	0	0	0	0	0	0	90-100	0	15788	100,100
110	0	0	0	0	0	0	0	0	100-110	0	15788	100,100
120	0	0	0	0	0	0	0	0	110-120	0	15788	100,100
130	0	0	0	0	0	0	0	0	120-130	0	15788	100,100
140	0	0	0	0	0	0	0	0	130-140	0	15788	100,100
150	0	0	0	0	0	0	0	0	140-150	0	15788	100,100
160	0	0	0	0	0	0	0	0	150-160	0	15788	100,100
170	0	0	0	0	0	0	0	0	160-170	0	15788	100,100
180	0	0	0	0	0	0	0	0	170-180	0	15788	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:219.92V I:0.4868A P:98.474W PF:0.9853 Freq:49.99Hz Lamp Flux:15788.5x1 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	455	1586
80	1897	2367
75	6824	7959
70	17279	22741
65	41935	47803
60	51937	58692
55	54445	61664
50	55250	61797
45	54900	60814

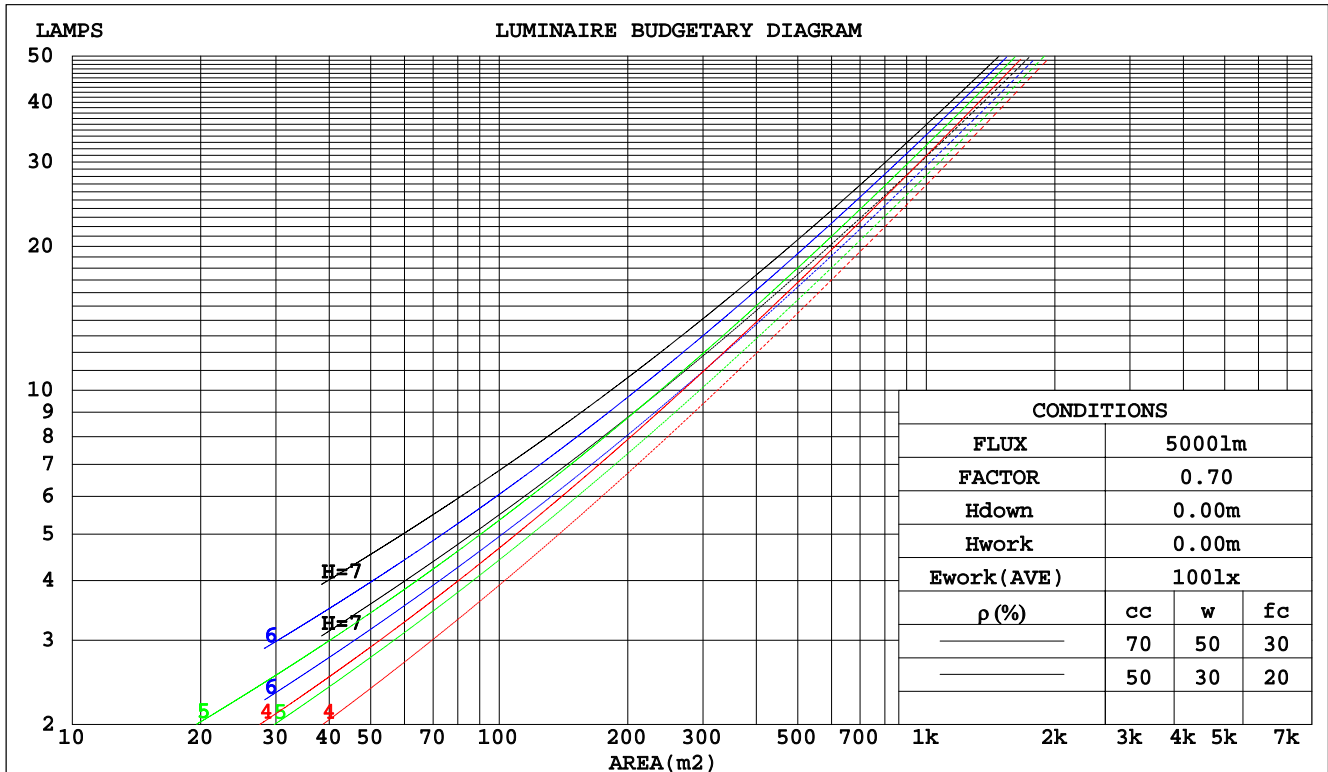
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-12-11

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:219.92V I:0.4868A P:98.474W PF:0.9853 Freq:49.99Hz Lamp Flux:15788.5x1 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	1.06	1.03	.99	1.04	1.01	.98	.90	.97	.95	.96	.94	.92	.92	.91	.89	.87
2.0	.94	.88	.83	.92	.86	.82	.88	.84	.80	.85	.81	.78	.82	.79	.76	.74
3.0	.83	.75	.69	.81	.74	.69	.78	.72	.67	.76	.71	.66	.73	.69	.65	.63
4.0	.74	.65	.59	.72	.65	.59	.70	.63	.58	.68	.62	.57	.65	.60	.56	.54
5.0	.66	.57	.51	.65	.57	.51	.63	.55	.50	.61	.54	.49	.59	.53	.49	.47
6.0	.59	.51	.44	.58	.50	.44	.56	.49	.44	.55	.48	.43	.53	.47	.43	.41
7.0	.54	.45	.39	.53	.45	.39	.51	.44	.39	.50	.43	.38	.48	.43	.38	.36
8.0	.49	.41	.35	.48	.40	.35	.47	.40	.34	.46	.39	.34	.44	.39	.34	.32
9.0	.45	.37	.31	.44	.36	.31	.43	.36	.31	.42	.35	.31	.41	.35	.31	.29
10.0	.41	.33	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.28	.26



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:219.92V I:0.4868A P:98.474W PF:0.9853 Freq:49.99Hz Lamp Flux:15788.5x1 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	.263	.150	.047	.256	.146	.046	.243	.140	.045	.231	.133	.043	.220	.128	.041		
2.0	.260	.142	.044	.254	.140	.043	.242	.135	.042	.232	.130	.041	.222	.126	.040		
3.0	.248	.132	.039	.242	.130	.039	.232	.126	.038	.223	.122	.037	.214	.119	.037		
4.0	.233	.121	.036	.229	.120	.035	.220	.116	.035	.211	.113	.034	.204	.111	.034		
5.0	.219	.111	.032	.215	.110	.032	.207	.108	.032	.199	.105	.031	.192	.103	.031		
6.0	.205	.103	.029	.201	.102	.029	.194	.099	.029	.187	.097	.029	.181	.095	.028		
7.0	.192	.095	.027	.189	.094	.027	.182	.092	.027	.177	.091	.026	.171	.089	.026		
8.0	.181	.088	.025	.178	.087	.025	.172	.086	.025	.166	.084	.024	.161	.083	.024		
9.0	.170	.082	.023	.167	.081	.023	.162	.080	.023	.157	.079	.023	.153	.078	.022		
10.0	.160	.077	.021	.158	.076	.021	.153	.075	.021	.149	.074	.021	.145	.073	.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	.177	.157	.138	.152	.134	.119	.104	.092	.082	.060	.053	.048	.019	.017	.015	
2.0	.168	.132	.102	.144	.114	.088	.099	.079	.061	.057	.046	.036	.018	.015	.012	
3.0	.160	.114	.077	.137	.098	.067	.094	.068	.047	.054	.040	.028	.017	.013	.009	
4.0	.153	.101	.061	.131	.087	.053	.090	.061	.037	.052	.035	.022	.017	.012	.007	
5.0	.146	.090	.049	.125	.078	.043	.086	.054	.030	.050	.032	.018	.016	.010	.006	
6.0	.139	.082	.040	.120	.071	.035	.083	.050	.025	.048	.029	.015	.015	.010	.005	
7.0	.133	.075	.034	.114	.065	.030	.079	.045	.021	.046	.027	.013	.015	.009	.004	
8.0	.127	.069	.029	.109	.060	.026	.076	.042	.018	.044	.025	.011	.014	.008	.004	
9.0	.121	.064	.026	.104	.056	.022	.072	.039	.016	.042	.023	.009	.014	.008	.003	
10.0	.116	.060	.023	.100	.052	.020	.069	.037	.014	.040	.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

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:219.92V I:0.4868A P:98.474W PF:0.9853 Freq:49.99Hz Lamp Flux:15788.5x1 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	17.4	18.9	17.7	19.1	19.3	17.9	19.4	18.2	19.6	19.8
3H	17.9	19.2	18.2	19.4	19.7	18.5	19.8	18.8	20.1	20.3
4H	17.8	19.1	18.1	19.3	19.6	18.4	19.7	18.7	19.9	20.2
6H	17.7	18.9	18.0	19.2	19.4	18.3	19.5	18.7	19.8	20.1
8H	17.7	18.8	18.0	19.1	19.4	18.3	19.4	18.6	19.7	20.0
12H	17.6	18.7	18.0	19.0	19.3	18.2	19.3	18.6	19.6	19.9
4H 2H	17.9	19.2	18.2	19.4	19.7	18.3	19.6	18.6	19.8	20.1
3H	18.4	19.4	18.7	19.7	20.0	18.9	19.9	19.2	20.2	20.5
4H	18.3	19.3	18.7	19.6	19.9	18.8	19.8	19.2	20.1	20.4
6H	18.2	19.1	18.6	19.4	19.8	18.7	19.6	19.1	19.9	20.3
8H	18.2	19.0	18.6	19.3	19.7	18.7	19.5	19.1	19.8	20.2
12H	18.1	18.9	18.6	19.2	19.6	18.6	19.4	19.1	19.7	20.1
8H 4H	18.2	19.0	18.6	19.4	19.8	18.7	19.5	19.1	19.9	20.2
6H	18.1	18.8	18.6	19.2	19.6	18.6	19.3	19.1	19.7	20.1
8H	18.1	18.7	18.6	19.1	19.5	18.6	19.2	19.0	19.6	20.0
12H	18.1	18.5	18.5	19.0	19.5	18.6	19.0	19.0	19.5	20.0
12H 4H	18.2	18.9	18.6	19.3	19.7	18.7	19.4	19.1	19.8	20.2
6H	18.1	18.7	18.6	19.1	19.5	18.6	19.2	19.0	19.6	20.0
8H	18.1	18.5	18.5	19.0	19.5	18.6	19.0	19.0	19.5	20.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.6					+ 0.3 / - 0.4				
1.5H	+ 0.6 / - 0.8					+ 0.5 / - 0.5				
2.0H	+ 0.4 / - 1.0					+ 0.5 / - 1.2				

CIE Pub.117, 15788 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 9.6$)

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:219.92V I:0.4868A P:98.474W PF:0.9853 Freq:49.99Hz Lamp Flux:15788.5x1 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:

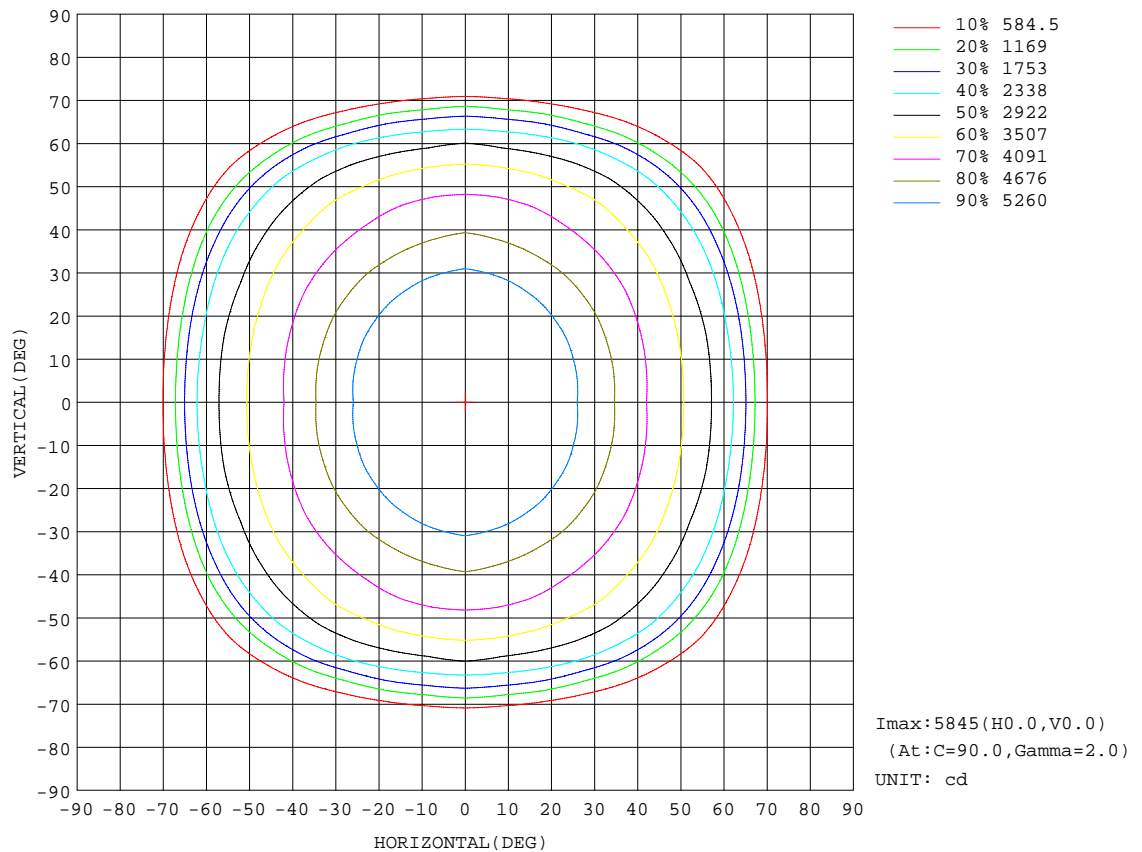
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	59	48	41	58	47	41	57	47	40	34
0.80	70	59	51	69	58	51	67	57	51	44
1.00	79	68	62	78	68	61	76	69	61	54
1.25	86	77	70	85	76	70	82	74	69	62
1.50	91	82	76	90	81	75	87	80	74	67
2.00	98	90	85	96	89	84	93	87	82	75
2.50	102	95	89	100	93	88	96	91	87	79
3.00	105	99	94	103	97	93	99	94	91	83
4.00	108	103	99	106	102	98	102	98	95	87
5.00	110	106	103	108	104	101	104	101	98	89
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNM = 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:219.92V I:0.4868A P:98.474W PF:0.9853 Freq:49.99Hz Lamp Flux:15788.5x1 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:

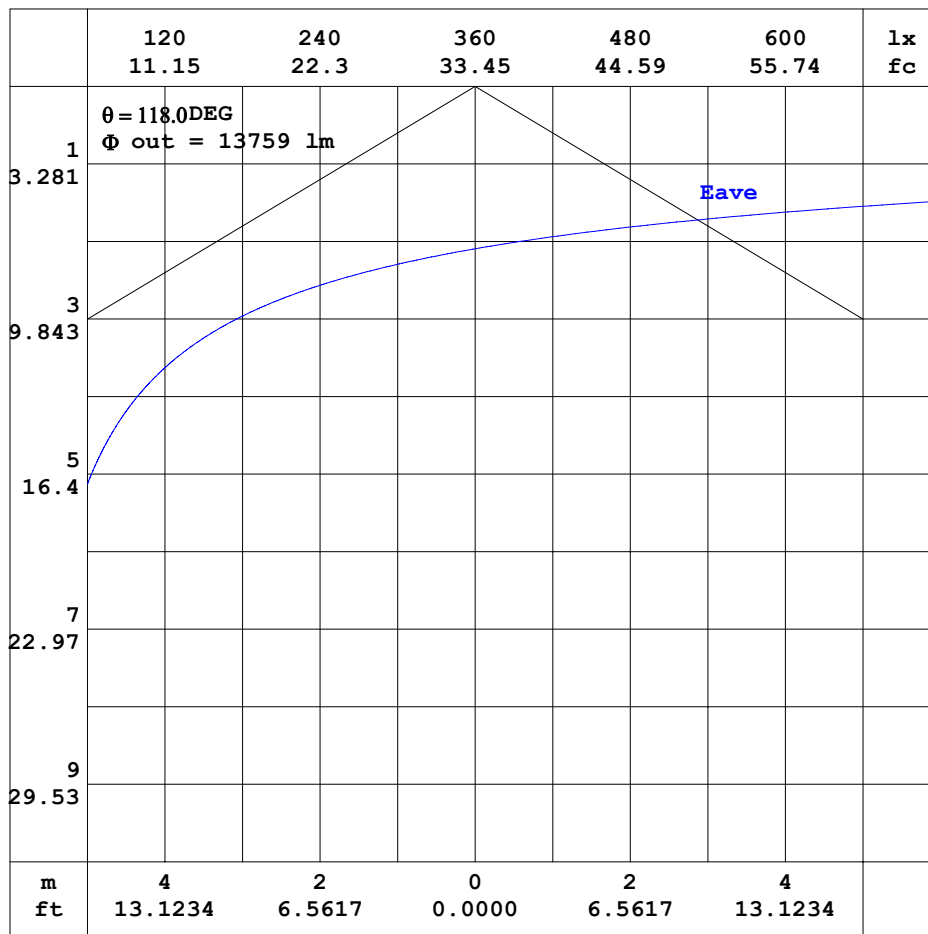


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-12-11

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:219.92V I:0.4868A P:98.474W PF:0.9853 Freq:49.99Hz Lamp Flux:15788.5x1 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:



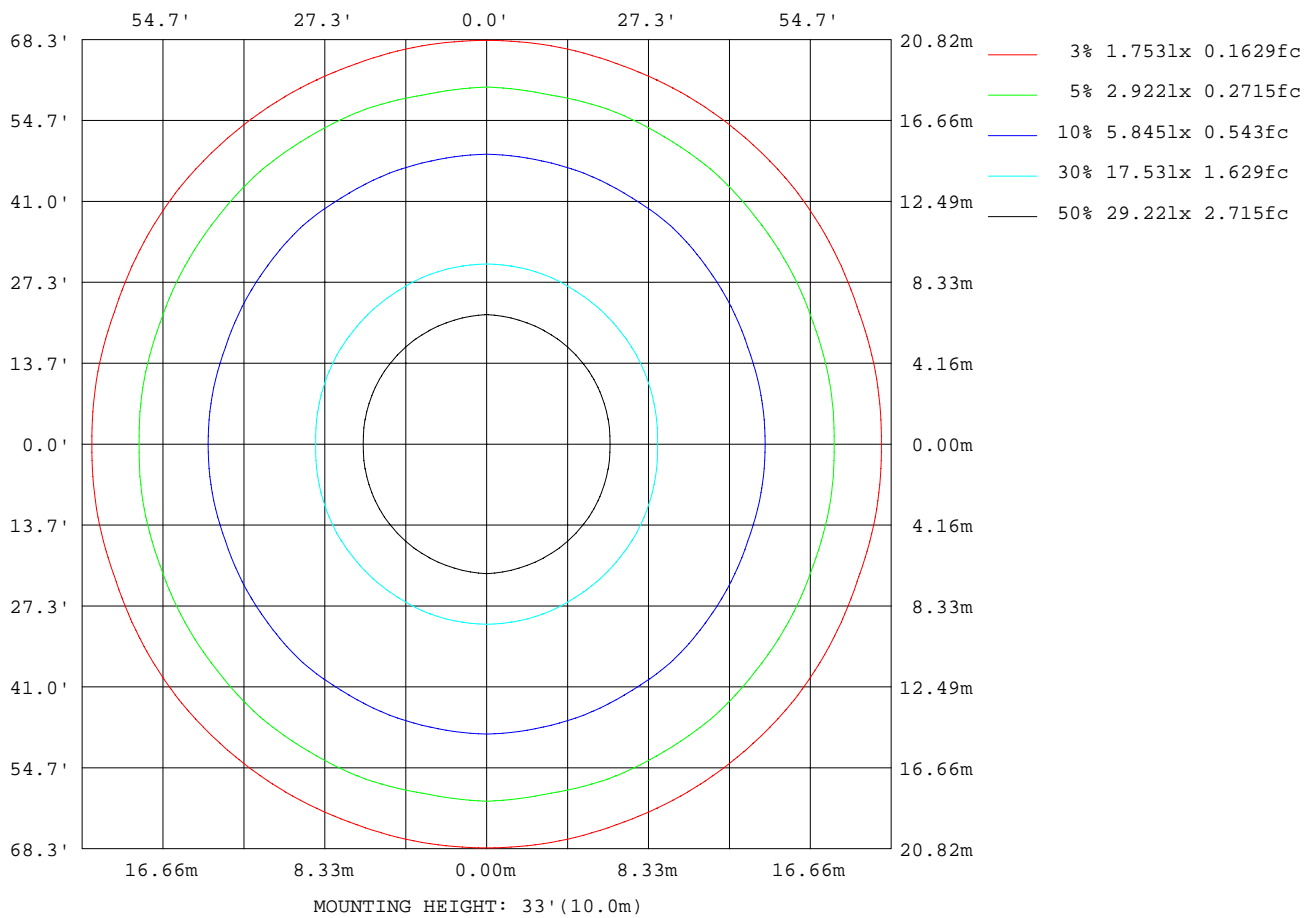
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:219.92V I:0.4868A P:98.474W PF:0.9853 Freq:49.99Hz Lamp Flux:15788.5x1 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:219.92V I:0.4868A P:98.474W PF:0.9853 Freq:49.99Hz Lamp Flux:15788.5x1 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:

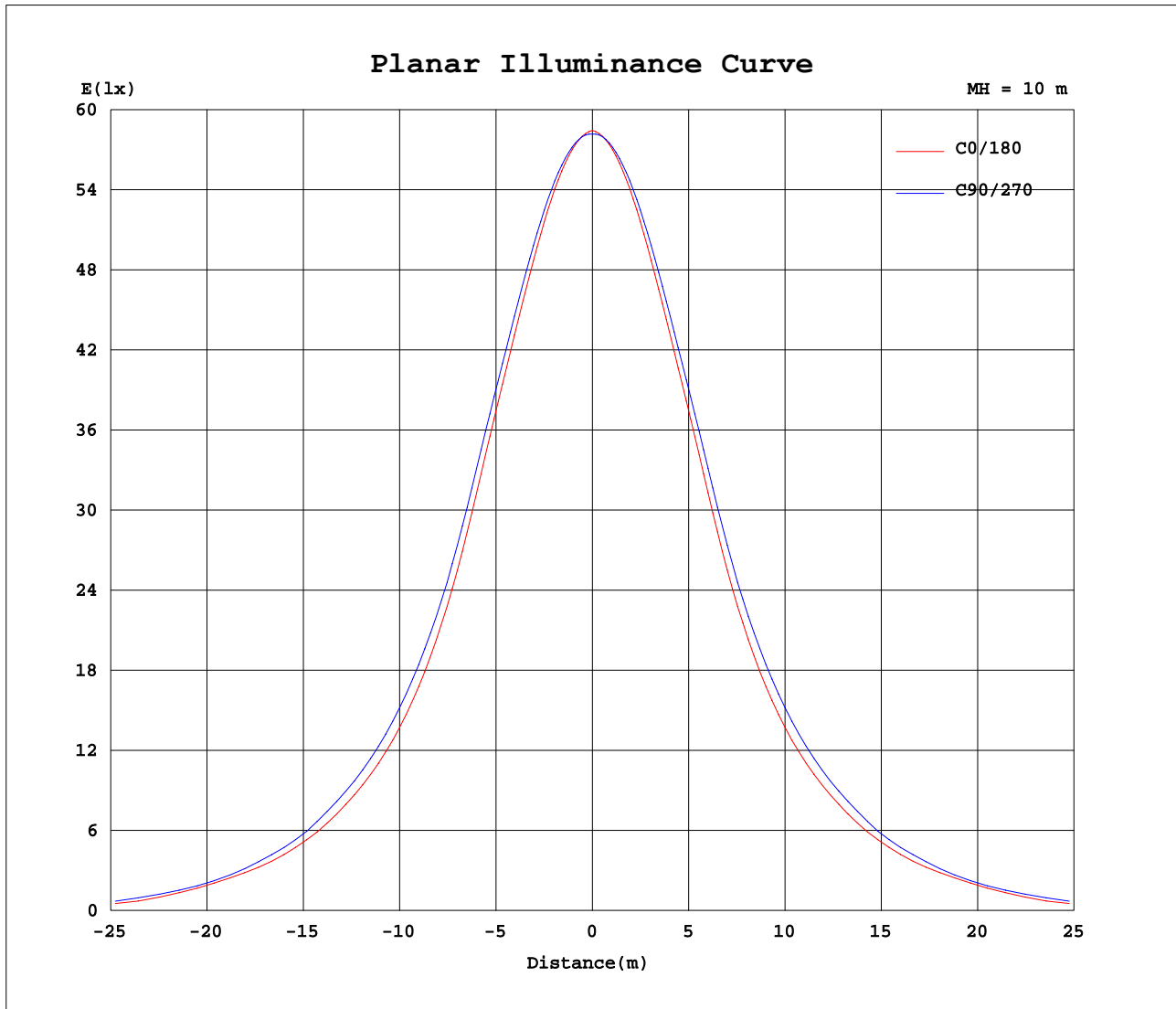
AvgL	cd/m2
L_0~180 (65) av	41821
L_0~180 (75) av	6806
L_0~180 (85) av	454
L_90~270 (65) av	47897
L_90~270 (75) av	7975
L_90~270 (85) av	1589
L_45 (65) av	45702
L_45 (75) av	7508
L_45 (85) av	787

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:219.92V I:0.4868A P:98.474W PF:0.9853 Freq:49.99Hz Lamp Flux:15788.5x1 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	5829	5829	5829	5829	5829	5829	5829	5829	5829	5829	5829	5829	5829	5829	5829	5829	5829	5829	5829
5	5791	5794	5797	5801	5805	5811	5815	5820	5824	5829	5824	5820	5815	5811	5805	5801	5797	5794	5791
10	5717	5725	5731	5741	5750	5762	5771	5783	5791	5800	5791	5783	5771	5762	5750	5741	5731	5725	5717
15	5608	5620	5632	5647	5663	5680	5696	5713	5727	5741	5727	5713	5696	5680	5663	5647	5632	5620	5608
20	5463	5481	5498	5520	5539	5562	5582	5606	5625	5646	5625	5606	5582	5562	5539	5520	5498	5481	5463
25	5284	5307	5329	5356	5380	5410	5436	5465	5489	5516	5489	5465	5436	5410	5380	5356	5329	5307	5284
30	5025	5056	5084	5120	5147	5182	5212	5255	5289	5326	5289	5255	5212	5182	5147	5120	5084	5056	5025
35	4628	4667	4698	4740	4777	4816	4846	4882	4928	4992	4928	4882	4846	4816	4777	4740	4698	4667	4628
40	4234	4278	4324	4373	4412	4460	4498	4553	4595	4640	4595	4553	4498	4460	4412	4373	4324	4278	4234
45	3871	3916	3966	4031	4073	4122	4181	4267	4299	4309	4299	4267	4181	4122	4073	4031	3966	3916	3871
50	3542	3568	3607	3664	3718	3788	3856	3914	3950	3980	3950	3914	3856	3788	3718	3664	3607	3568	3542
55	3114	3129	3123	3197	3266	3369	3384	3457	3505	3544	3505	3457	3384	3369	3266	3197	3123	3129	3114
60	2590	2628	2617	2668	2715	2789	2813	2828	2854	2940	2854	2828	2813	2789	2715	2668	2617	2628	2590
65	1767	1769	1769	1830	1907	1945	1927	1968	1999	2024	1999	1968	1927	1945	1907	1830	1769	1769	1767
70	589	591	588	626	612	631	627	653	739	779	739	653	627	631	612	626	588	591	589
75	176	190	178	203	189	199	182	199	191	206	191	199	182	199	189	203	178	190	176
80	32.9	33.6	34.0	35.0	33.6	35.7	36.0	38.2	38.5	41.2	38.5	38.2	36.0	35.7	33.6	35.0	34.0	33.6	32.9
85	3.96	4.20	4.77	5.39	6.26	7.55	9.16	11.0	12.7	13.9	12.7	11.0	9.16	7.55	6.26	5.39	4.77	4.20	3.96
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:219.92V I:0.4868A P:98.474W PF:0.9853 Freq:49.99Hz Lamp Flux:15788.5x1 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--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	5829	5829	5829	5829	5829	5829	5829	5829	5829	5829	5829	5829	5829	5829	5829	5829	5829		
5	5794	5797	5801	5805	5811	5815	5820	5824	5829	5824	5820	5815	5811	5805	5801	5797	5794		
10	5725	5731	5741	5750	5762	5771	5783	5791	5800	5791	5783	5771	5762	5750	5741	5731	5725		
15	5620	5632	5647	5663	5680	5696	5713	5727	5741	5727	5713	5696	5680	5663	5647	5632	5620		
20	5481	5498	5520	5539	5562	5582	5606	5625	5646	5625	5606	5582	5562	5539	5520	5498	5481		
25	5307	5329	5356	5380	5410	5436	5465	5489	5516	5489	5465	5436	5410	5380	5356	5329	5307		
30	5056	5084	5120	5147	5182	5212	5255	5289	5326	5289	5255	5212	5182	5147	5120	5084	5056		
35	4667	4698	4740	4777	4816	4846	4882	4928	4992	4928	4882	4846	4816	4777	4740	4698	4667		
40	4278	4324	4373	4412	4460	4498	4553	4595	4640	4595	4553	4498	4460	4412	4373	4324	4278		
45	3916	3966	4031	4073	4122	4181	4267	4299	4309	4299	4267	4181	4122	4073	4031	3966	3916		
50	3568	3607	3664	3718	3788	3856	3914	3950	3980	3950	3914	3856	3788	3718	3664	3607	3568		
55	3129	3123	3197	3266	3369	3384	3457	3505	3544	3505	3457	3384	3369	3266	3197	3123	3129		
60	2628	2617	2668	2715	2789	2813	2828	2854	2940	2854	2828	2813	2789	2715	2668	2617	2628		
65	1769	1769	1830	1907	1945	1927	1968	1999	2024	1999	1968	1927	1945	1907	1830	1769	1769		
70	591	588	626	612	631	627	653	739	779	739	653	627	631	612	626	588	591		
75	190	178	203	189	199	182	199	191	206	191	199	182	199	189	203	178	190		
80	33.6	34.0	35.0	33.6	35.7	36.0	38.2	38.5	41.2	38.5	38.2	36.0	35.7	33.6	35.0	34.0	33.6		
85	4.20	4.77	5.39	6.26	7.55	9.16	11.0	12.7	13.9	12.7	11.0	9.16	7.55	6.26	5.39	4.77	4.20		
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: