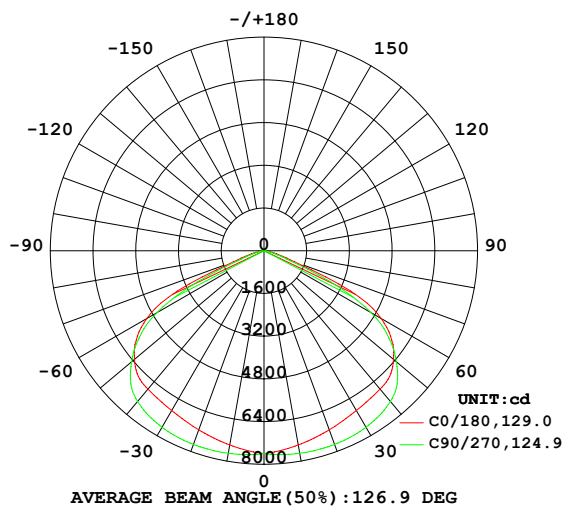


LUMINAIRE PHOTOMETRIC TEST REPORT

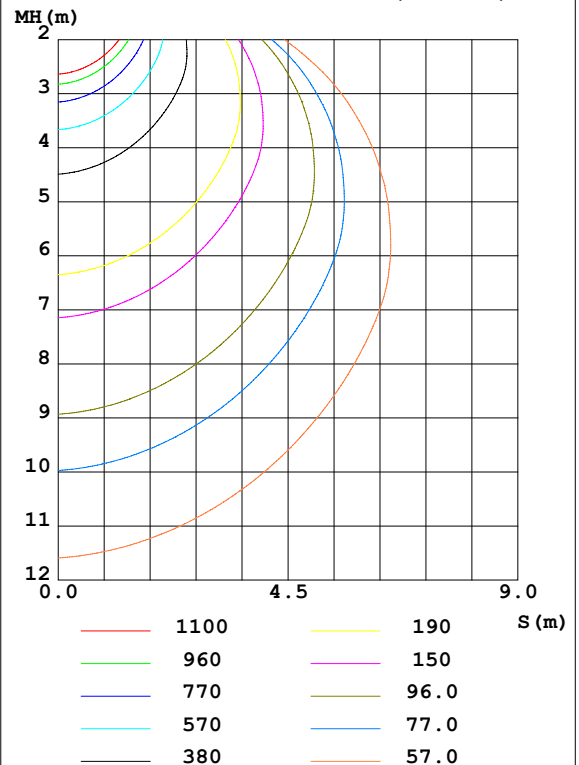
Test:U:219.91V I:0.7466A P:151.60W PF:0.9595 Freq:49.99Hz Lamp Flux:24881.2x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:4.6kg
SPEC.:AOK-150WoH	DIM.: ϕ 0.319*0.138M	SERIAL No.:
MFR.: AOK	SUR.: ϕ 0.24M	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 164.12 lm/W			
MODEL	5050	I _{max} (cd)	7724	S/MH (C0/180)	1.38
NOMINAL POWER (W)	150	LOR (%)	100.0	S/MH (C90/270)	1.51
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	24881	η UP,DN (C0-180)	0.0,50.0
NOMINAL FLUX (lm)	24881.2	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.0,50.0
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	220	η 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:2017-12-12

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:

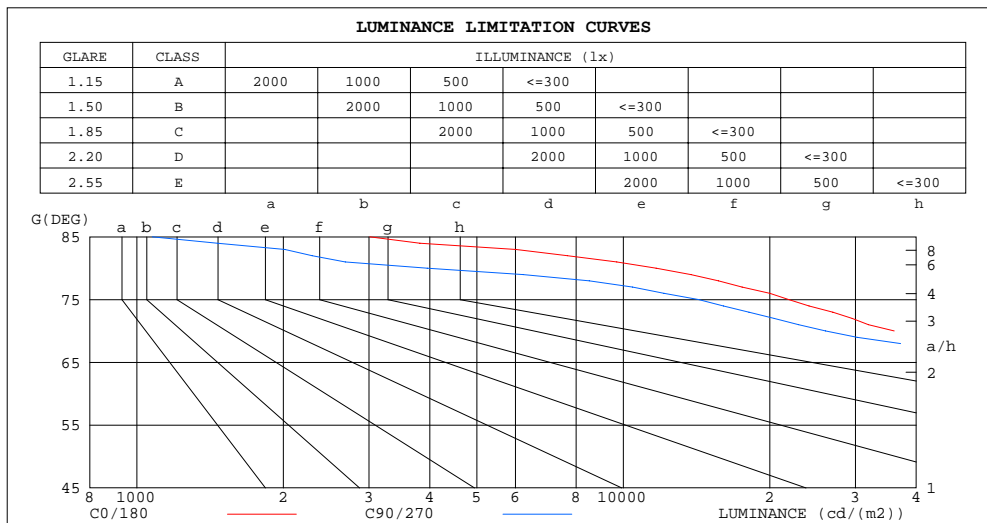
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	7387	7543	7703	7543	7387	7543	7703	7543	0- 10	722.4	722.4	2.9,2.9
20	7140	7447	7719	7447	7140	7447	7719	7447	10- 20	2123	2845	11.4,11.4
30	6913	7324	7636	7324	6913	7324	7636	7324	20- 30	3412	6257	25.1,25.1
40	6765	7114	7369	7114	6765	7114	7369	7114	30- 40	4527	10784	43.3,43.3
50	6334	6380	6473	6380	6334	6380	6473	6380	40- 50	5274	16058	64.5,64.5
60	5060	4933	4629	4933	5060	4933	4629	4933	50- 60	5145	21204	85.2,85.2
70	1223	1172	896.0	1172	1223	1172	896.0	1172	60- 70	3075	24278	97.6,97.6
80	201.3	161.7	69.06	161.7	201.3	161.7	69.06	161.7	70- 80	558.7	24837	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	44.34	24881	100,100
100	0	0	0	0	0	0	0	0	90-100	0	24881	100,100
110	0	0	0	0	0	0	0	0	100-110	0	24881	100,100
120	0	0	0	0	0	0	0	0	110-120	0	24881	100,100
130	0	0	0	0	0	0	0	0	120-130	0	24881	100,100
140	0	0	0	0	0	0	0	0	130-140	0	24881	100,100
150	0	0	0	0	0	0	0	0	140-150	0	24881	100,100
160	0	0	0	0	0	0	0	0	150-160	0	24881	100,100
170	0	0	0	0	0	0	0	0	160-170	0	24881	100,100
180	0	0	0	0	0	0	0	0	170-180	0	24881	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:2017-12-12

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:219.91V I:0.7466A P:151.60W PF:0.9595 Freq:49.99Hz Lamp Flux:24881.2x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:4.6kg
SPEC.:AOK-150Woh	DIM.: $\phi 0.319 \times 0.138\text{M}$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.24\text{M}$	Shielding Angle:



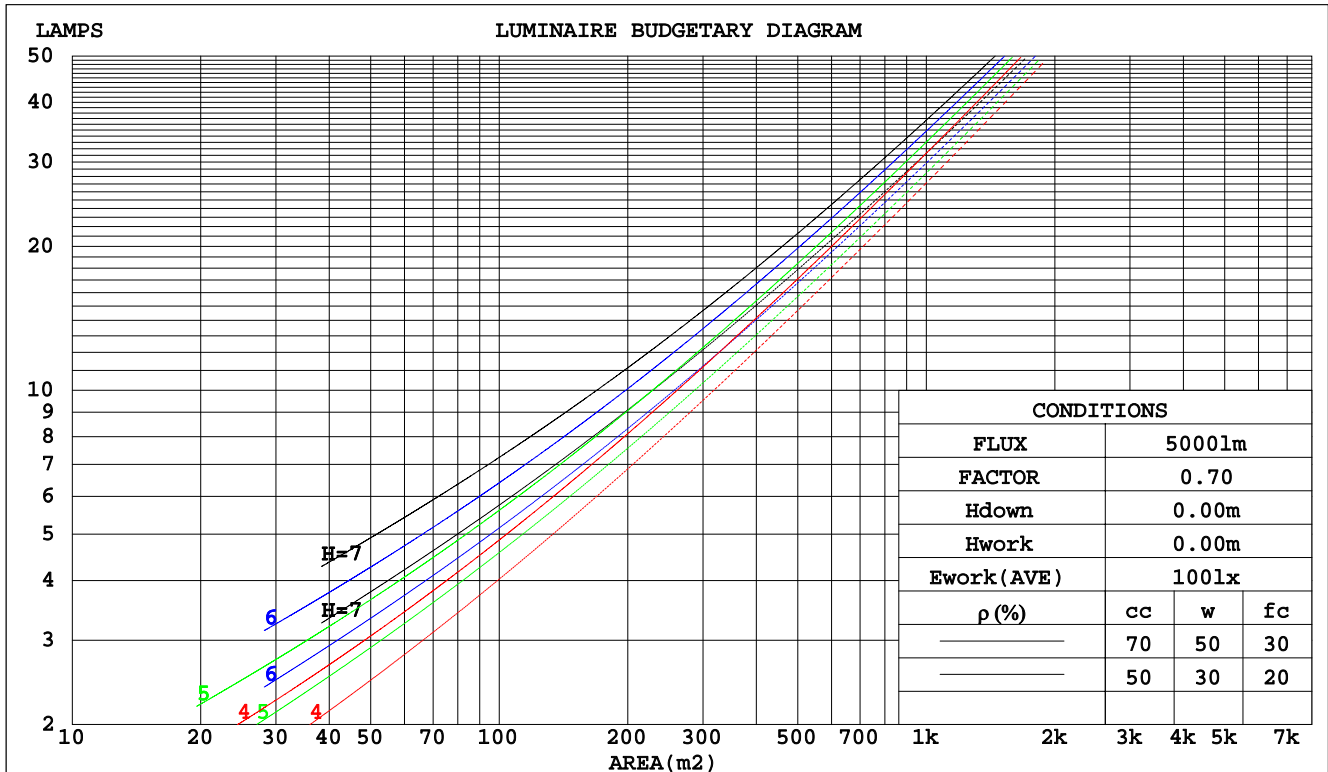
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-12-12

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:219.91V I:0.7466A P:151.60W PF:0.9595 Freq:49.99Hz Lamp Flux:24881.2x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:4.6kg
SPEC.:AOK-150WoH	DIM.: $\phi 0.319 \times 0.138\text{M}$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.24\text{M}$	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	1.02	.98	1.03	.90	.97	.99	.96	.94	.95	.93	.91	.92	.90	.88	.86
2.0	.93	.86	.81	.91	.85	.80	.87	.82	.78	.84	.80	.76	.81	.78	.75	.72
3.0	.81	.73	.67	.80	.72	.66	.77	.70	.65	.74	.69	.64	.71	.67	.63	.61
4.0	.72	.63	.56	.70	.62	.56	.68	.61	.55	.65	.59	.55	.63	.58	.54	.52
5.0	.64	.55	.48	.62	.54	.48	.60	.53	.47	.58	.52	.47	.57	.51	.46	.44
6.0	.57	.48	.42	.56	.48	.41	.54	.47	.41	.52	.46	.41	.51	.45	.40	.38
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.41	.36	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.45	.37	.32	.43	.37	.32	.42	.36	.31	.29
9.0	.42	.34	.29	.42	.34	.29	.41	.33	.28	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.26	.37	.30	.25	.36	.30	.25	.24



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

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:219.91V I:0.7466A P:151.60W PF:0.9595 Freq:49.99Hz Lamp Flux:24881.2x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:4.6kg
SPEC.:AOK-150WoH	DIM.: ϕ 0.319*0.138M	SERIAL No.:
MFR.: AOK	SUR.: ϕ 0.24M	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	.276	.157	.050	.269	.153	.049	.256	.147	.047	.244	.141	.045	.233	.135	.043		
2.0	.272	.149	.046	.265	.146	.045	.254	.141	.044	.243	.137	.043	.234	.132	.042		
3.0	.258	.137	.041	.253	.135	.041	.243	.132	.040	.233	.128	.039	.224	.124	.038		
4.0	.243	.126	.037	.238	.124	.037	.229	.121	.036	.220	.118	.036	.212	.115	.035		
5.0	.227	.116	.034	.223	.114	.033	.215	.112	.033	.207	.109	.033	.200	.107	.032		
6.0	.212	.106	.030	.208	.105	.030	.201	.103	.030	.194	.101	.030	.188	.099	.029		
7.0	.199	.098	.028	.195	.097	.028	.189	.095	.027	.183	.094	.027	.177	.092	.027		
8.0	.186	.091	.026	.183	.090	.025	.177	.089	.025	.172	.087	.025	.167	.086	.025		
9.0	.175	.085	.024	.172	.084	.024	.167	.082	.023	.162	.081	.023	.157	.080	.023		
10.0	.165	.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	.047	.019	.017	.015	
2.0	.170	.132	.100	.145	.114	.087	.100	.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	.059	.133	.087	.052	.092	.061	.036	.053	.036	.021	.017	.012	.007	
5.0	.148	.090	.048	.127	.078	.041	.088	.055	.029	.051	.032	.017	.016	.010	.006	
6.0	.142	.082	.039	.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	.003	
9.0	.123	.065	.025	.106	.056	.022	.074	.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:2017-12-12

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:219.91V I:0.7466A P:151.60W PF:0.9595 Freq:49.99Hz Lamp Flux:24881.2x1 lm										
NAME: LED Hight Bay Light					TYPE:LED			WEIGHT:4.6kg		
SPEC.:AOK-150WoH					DIM.: ϕ 0.319*0.138M			SERIAL No.:		
MFR.: AOK					SUR.: ϕ 0.24M			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	18.5	20.0	18.8	20.2	20.4	18.2	19.7	18.5	19.9	20.1
3H	19.1	20.5	19.4	20.7	21.0	18.5	19.9	18.8	20.1	20.3
4H	19.1	20.4	19.4	20.7	20.9	18.4	19.7	18.7	20.0	20.2
6H	19.0	20.3	19.4	20.5	20.8	18.3	19.6	18.7	19.8	20.1
8H	19.0	20.2	19.3	20.4	20.7	18.3	19.5	18.6	19.7	20.0
12H	18.9	20.1	19.3	20.4	20.7	18.2	19.4	18.6	19.7	20.0
4H 2H	18.9	20.3	19.3	20.5	20.8	18.7	20.0	19.0	20.2	20.5
3H	19.5	20.7	19.9	21.0	21.3	19.0	20.1	19.3	20.4	20.7
4H	19.5	20.6	19.9	20.9	21.2	18.9	20.0	19.3	20.3	20.6
6H	19.5	20.4	19.9	20.8	21.1	18.9	19.8	19.3	20.1	20.5
8H	19.5	20.3	19.9	20.7	21.0	18.8	19.6	19.2	20.0	20.4
12H	19.4	20.2	19.8	20.6	21.0	18.8	19.5	19.2	19.9	20.3
8H 4H	19.5	20.3	19.9	20.7	21.0	18.9	19.7	19.3	20.1	20.4
6H	19.4	20.1	19.9	20.5	20.9	18.8	19.5	19.2	19.9	20.3
8H	19.4	20.0	19.9	20.4	20.9	18.8	19.4	19.2	19.8	20.2
12H	19.4	19.9	19.8	20.3	20.8	18.7	19.2	19.2	19.7	20.2
12H 4H	19.4	20.2	19.8	20.6	21.0	18.8	19.6	19.2	20.0	20.4
6H	19.4	20.0	19.9	20.4	20.9	18.8	19.4	19.2	19.8	20.2
8H	19.4	19.9	19.8	20.3	20.8	18.7	19.2	19.2	19.7	20.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.4 / - 0.5					+ 0.4 / - 0.5				
1.5H	+ 0.6 / - 0.7					+ 0.8 / - 1.1				
2.0H	+ 0.5 / - 1.5					+ 0.6 / - 1.0				

CIE Pub.117, 24881 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 11.2$)

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

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:219.91V I:0.7466A P:151.60W PF:0.9595 Freq:49.99Hz Lamp Flux:24881.2x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:4.6kg
SPEC.:AOK-150Woh	DIM.: $\phi 0.319 \times 0.138M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.24M$	Shielding Angle:

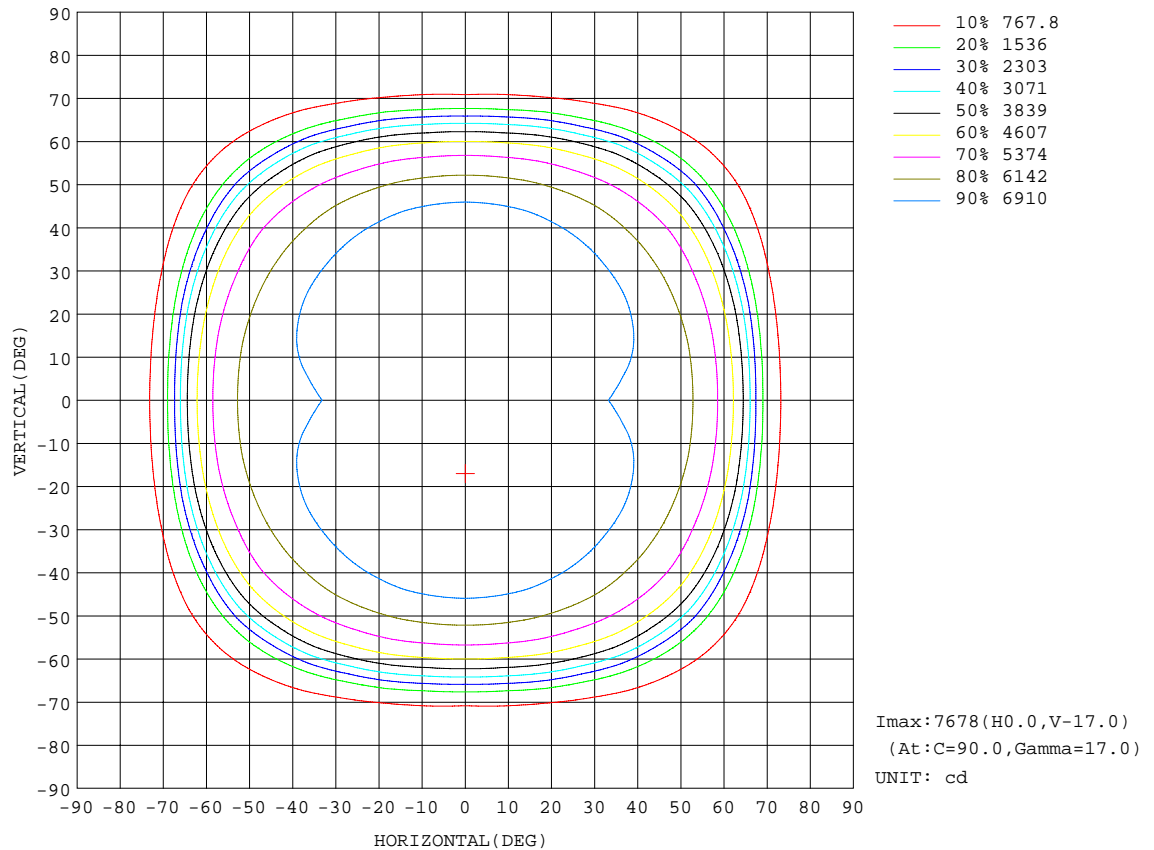
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	44	37	55	44	37	54	43	36	30
0.80	67	55	48	66	55	47	64	54	47	40
1.00	76	65	58	75	65	58	73	66	57	50
1.25	84	74	67	83	73	66	80	72	66	59
1.50	89	80	73	88	79	73	85	77	72	64
2.00	97	89	82	95	87	82	91	85	80	73
2.50	100	93	87	98	92	87	95	89	85	77
3.00	104	97	92	102	96	91	98	93	89	81
4.00	108	102	98	105	101	97	101	97	94	85
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:2017-12-12

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:219.91V I:0.7466A P:151.60W PF:0.9595 Freq:49.99Hz Lamp Flux:24881.2x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:4.6kg
SPEC.:AOK-150WoH	DIM.: $\phi 0.319 \times 0.138\text{M}$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.24\text{M}$	Shielding Angle:

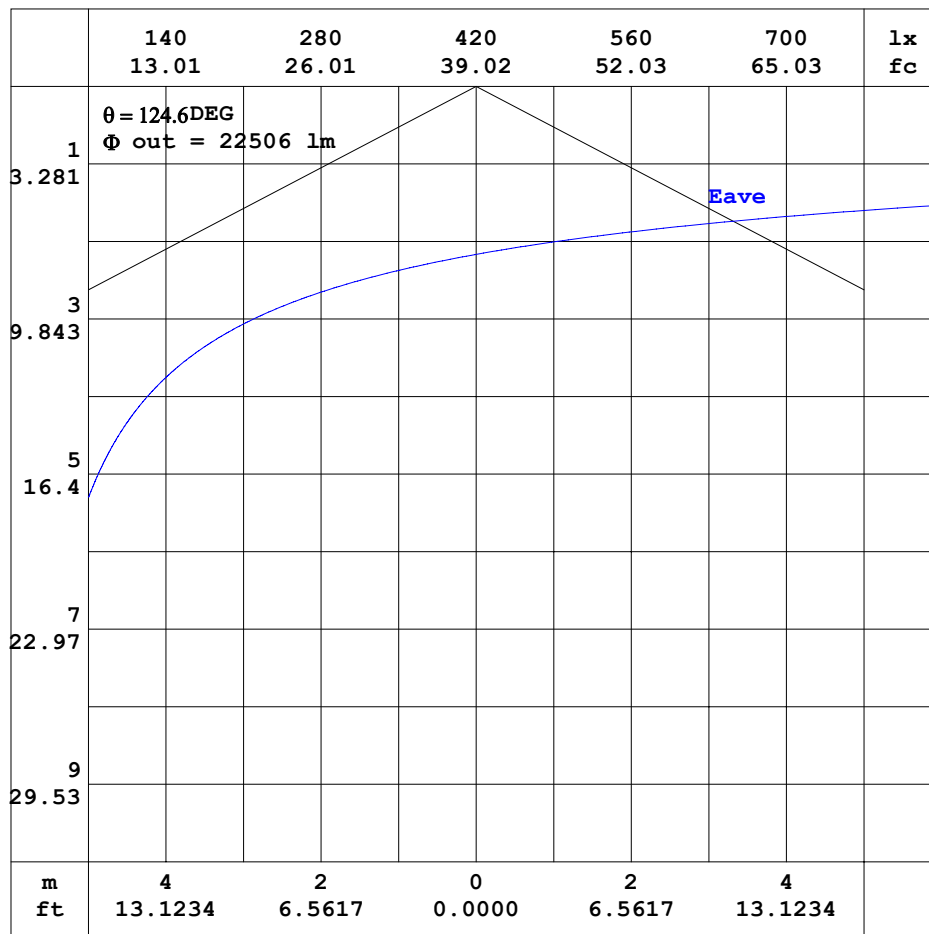


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-12-12

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:219.91V I:0.7466A P:151.60W PF:0.9595 Freq:49.99Hz Lamp Flux:24881.2x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:4.6kg
SPEC.:AOK-150WoH	DIM.: $\phi 0.319 \times 0.138M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.24M$	Shielding Angle:



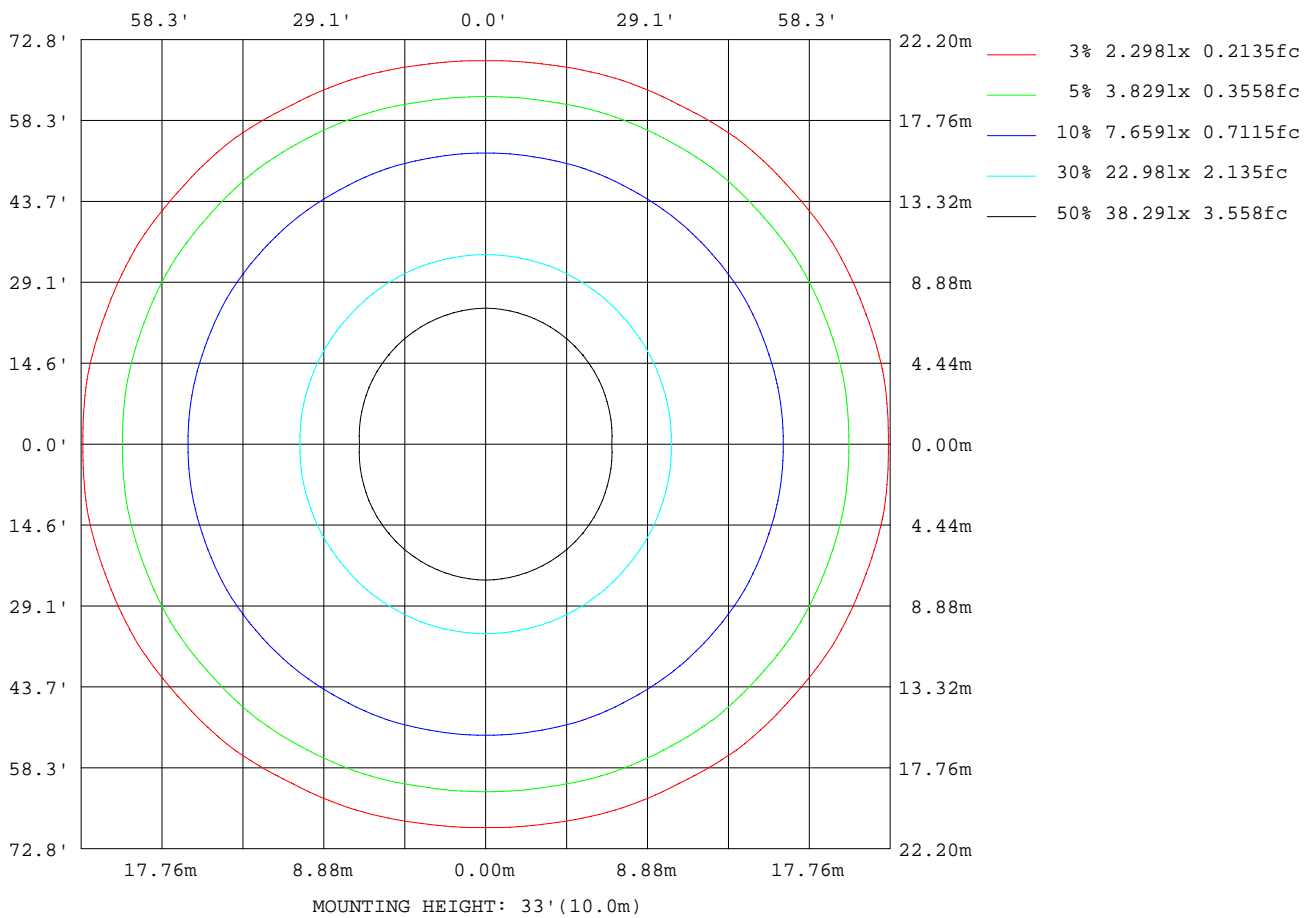
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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:219.91V I:0.7466A P:151.60W PF:0.9595 Freq:49.99Hz Lamp Flux:24881.2x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:4.6kg
SPEC.:AOK-150WoH	DIM.: Φ 0.319*0.138M	SERIAL No.:
MFR.: AOK	SUR.: Φ 0.24M	Shielding Angle:



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

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:219.91V I:0.7466A P:151.60W PF:0.9595 Freq:49.99Hz Lamp Flux:24881.2x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:4.6kg
SPEC.:AOK-150WoH	DIM.: ϕ 0.319*0.138M	SERIAL No.:
MFR.: AOK	SUR.: ϕ 0.24M	Shielding Angle:

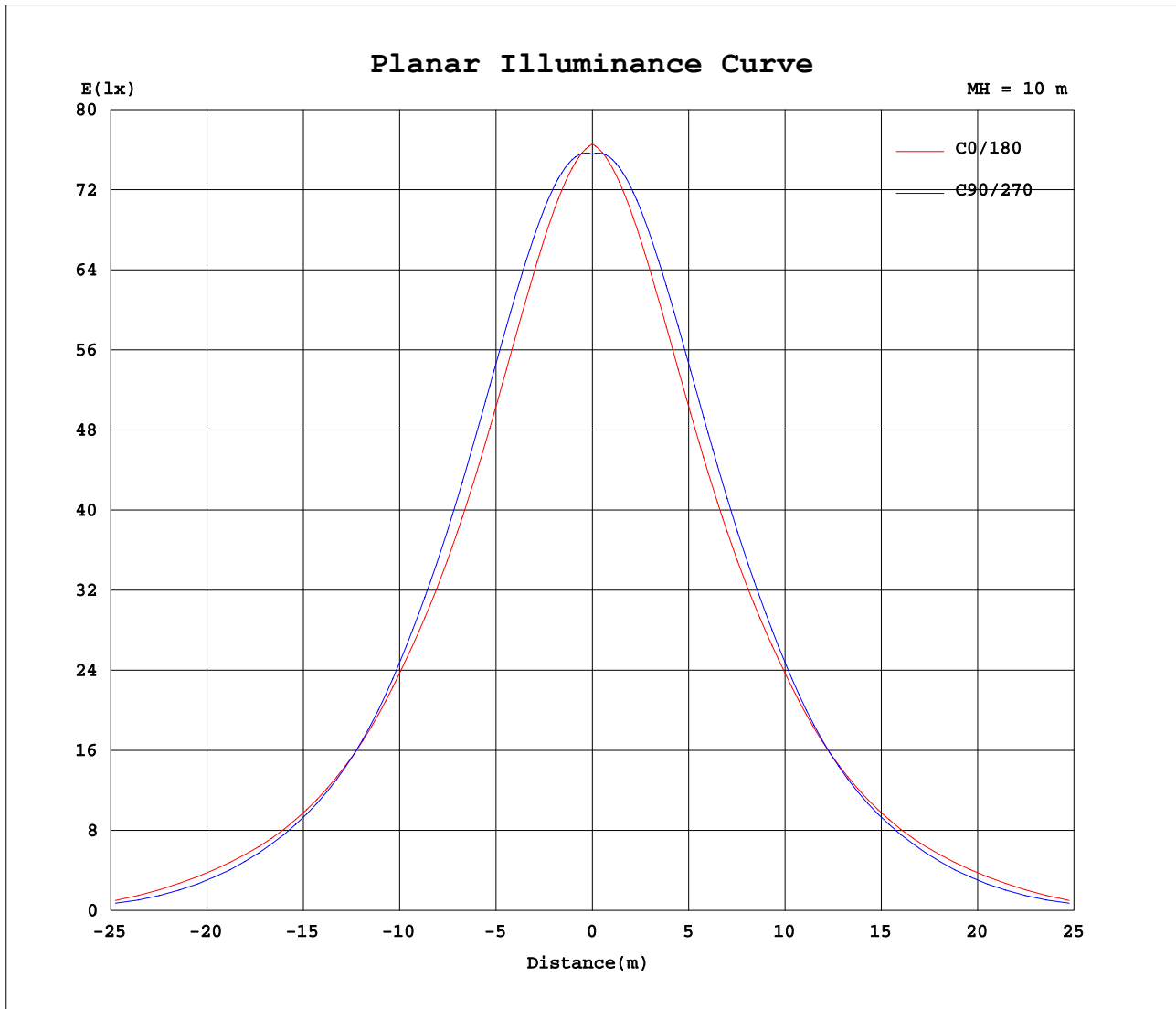
AvgL	cd/m2
L_0~180 (65) av	84806
L_0~180 (75) av	21716
L_0~180 (85) av	2988
L_90~270 (65) av	64547
L_90~270 (75) av	14364
L_90~270 (85) av	1082
L_45 (65) av	78586
L_45 (75) av	19375
L_45 (85) av	2347

Standard: GB/T 29293-2012

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

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: 2017-12-12

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:219.91V I:0.7466A P:151.60W PF:0.9595 Freq:49.99Hz Lamp Flux:24881.2x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:4.6kg
SPEC.:AOK-150WoH	DIM.: $\phi 0.319 \times 0.138M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.24M$	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	7601	7601	7601	7601	7601	7601	7601	7601	7601	7601	7601	7601	7601	7601	7601	7601	7601	7601	7601
5	7503	7517	7532	7550	7569	7589	7608	7628	7646	7662	7646	7628	7608	7589	7569	7550	7532	7517	7503
10	7387	7416	7448	7485	7524	7563	7603	7641	7674	7703	7674	7641	7603	7563	7524	7485	7448	7416	7387
15	7264	7306	7357	7412	7470	7528	7583	7636	7681	7723	7681	7636	7583	7528	7470	7412	7357	7306	7264
20	7140	7198	7265	7337	7410	7484	7554	7617	7671	7719	7671	7617	7554	7484	7410	7337	7265	7198	7140
25	7019	7092	7172	7258	7347	7434	7513	7584	7642	7696	7642	7584	7513	7434	7347	7258	7172	7092	7019
30	6913	6996	7086	7183	7278	7370	7450	7525	7582	7636	7582	7525	7450	7370	7278	7183	7086	6996	6913
35	6830	6917	7009	7102	7192	7279	7358	7429	7483	7533	7483	7429	7358	7279	7192	7102	7009	6917	6830
40	6765	6850	6928	7005	7077	7152	7215	7283	7325	7369	7325	7283	7215	7152	7077	7005	6928	6850	6765
45	6658	6713	6749	6795	6827	6884	6937	7000	7026	7054	7026	7000	6937	6884	6827	6795	6749	6713	6658
50	6334	6352	6334	6337	6352	6408	6428	6465	6462	6473	6462	6465	6428	6408	6352	6337	6334	6352	6334
55	5843	5866	5829	5838	5799	5791	5755	5755	5712	5720	5712	5755	5755	5791	5799	5838	5829	5866	5843
60	5060	5060	5048	5039	4971	4895	4800	4750	4661	4629	4661	4750	4800	4895	4971	5039	5048	5060	5060
65	3584	3619	3548	3499	3355	3277	3045	2949	2791	2728	2791	2949	3045	3277	3355	3499	3548	3619	3584
70	1223	1280	1253	1274	1193	1152	1033	997	959	896	959	997	1033	1152	1193	1274	1253	1280	1223
75	562	575	563	558	511	490	429	408	368	372	368	408	429	490	511	558	563	575	562
80	201	213	201	204	170	153	126	104	82.8	69.1	82.8	104	126	153	170	204	201	213	201
85	26.0	27.3	27.0	26.4	22.3	18.7	15.0	13.7	9.99	9.43	9.99	13.7	15.0	18.7	22.3	26.4	27.0	27.3	26.0
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:2017-12-12

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:219.91V I:0.7466A P:151.60W PF:0.9595 Freq:49.99Hz Lamp Flux:24881.2x1 lm																	
NAME: LED Hight Bay Light									TYPE:LED						WEIGHT:4.6kg		
SPEC.:AOK-150WoH									DIM.: ϕ 0.319*0.138M						SERIAL No.:		
MFR.: AOK									SUR.: ϕ 0.24M						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	7601	7601	7601	7601	7601	7601	7601	7601	7601	7601	7601	7601	7601	7601	7601	7601	7601		
5	7517	7532	7550	7569	7589	7608	7628	7646	7662	7646	7628	7608	7589	7569	7550	7532	7517		
10	7416	7448	7485	7524	7563	7603	7641	7674	7703	7674	7641	7603	7563	7524	7485	7448	7416		
15	7306	7357	7412	7470	7528	7583	7636	7681	7723	7681	7636	7583	7528	7470	7412	7357	7306		
20	7198	7265	7337	7410	7484	7554	7617	7671	7719	7671	7617	7554	7484	7410	7337	7265	7198		
25	7092	7172	7258	7347	7434	7513	7584	7642	7696	7642	7584	7513	7434	7347	7258	7172	7092		
30	6996	7086	7183	7278	7370	7450	7525	7582	7636	7582	7525	7450	7370	7278	7183	7086	6996		
35	6917	7009	7102	7192	7279	7358	7429	7483	7533	7483	7429	7358	7279	7192	7102	7009	6917		
40	6850	6928	7005	7077	7152	7215	7283	7325	7369	7325	7283	7215	7152	7077	7005	6928	6850		
45	6713	6749	6795	6827	6884	6937	7000	7026	7054	7026	7000	6937	6884	6827	6795	6749	6713		
50	6352	6334	6337	6352	6408	6428	6465	6462	6473	6462	6465	6428	6408	6352	6337	6334	6352		
55	5866	5829	5838	5799	5791	5755	5755	5712	5720	5712	5755	5755	5791	5799	5838	5829	5866		
60	5060	5048	5039	4971	4895	4800	4750	4661	4629	4661	4750	4800	4895	4971	5039	5048	5060		
65	3619	3548	3499	3355	3277	3045	2949	2791	2728	2791	2949	3045	3277	3355	3499	3548	3619		
70	1280	1253	1274	1193	1152	1033	997	959	896	959	997	1033	1152	1193	1274	1253	1280		
75	575	563	558	511	490	429	408	368	372	368	408	429	490	511	558	563	575		
80	213	201	204	170	153	126	104	82.8	69.1	82.8	104	126	153	170	204	201	213		
85	27.3	27.0	26.4	22.3	18.7	15.0	13.7	9.99	9.43	9.99	13.7	15.0	18.7	22.3	26.4	27.0	27.3		
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:2017-12-12

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: