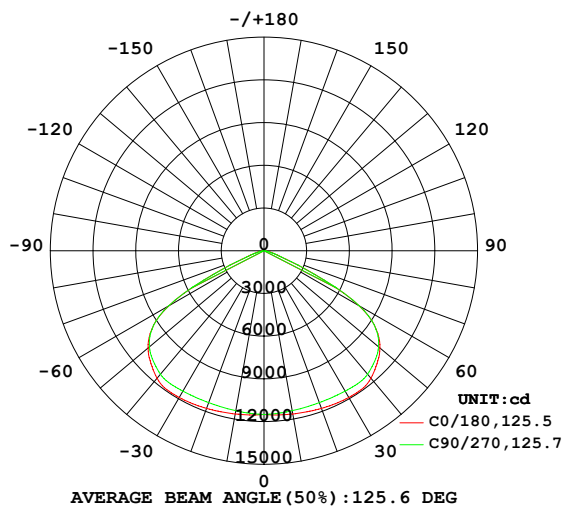


LUMINAIRE PHOTOMETRIC TEST REPORT

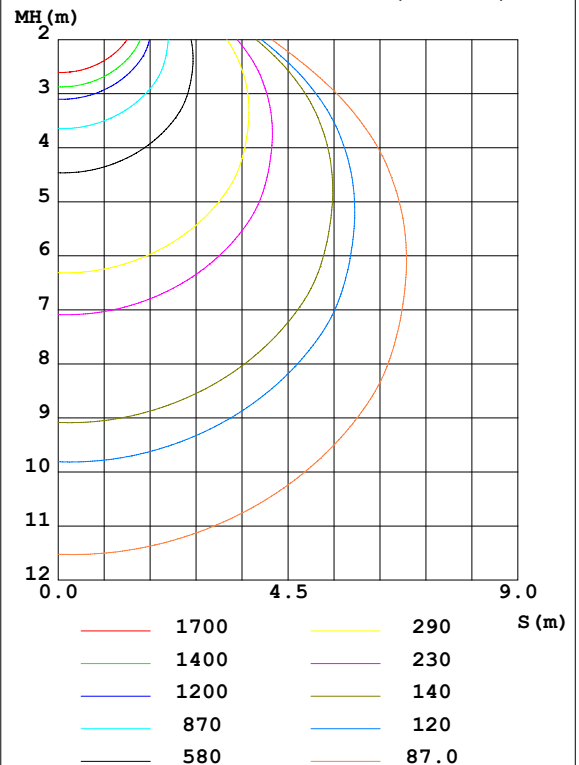
Test:U:219.84V I:1.1363A P:240.69W PF:0.9795 Freq:49.99Hz Lamp Flux:39127.6x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:6.6kg
SPEC.:AOK-240WoH	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 162.56 lm/W			
MODEL	5050	I _{max} (cd)	11911	S/MH (C0/180)	1.57
NOMINAL POWER (W)	240	LOR (%)	100.0	S/MH (C90/270)	1.52
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	39128	η UP, DN (C0-180)	0.0, 50.0
NOMINAL FLUX (lm)	39127.6	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: 2017-12-11

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:

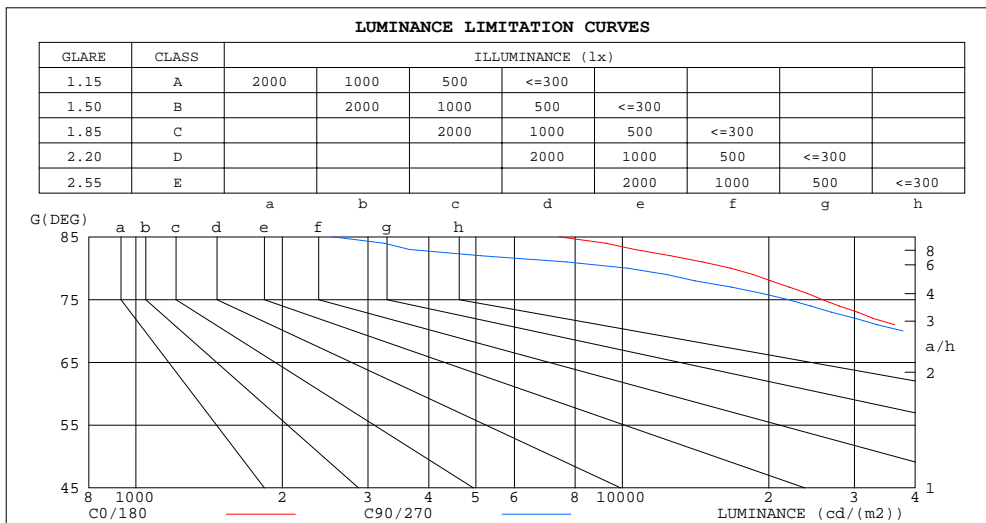
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	1164	1155	1141	1155	1164	1155	1141	1155	0- 10	1101	1101	2.81,2.81
20	1178	1160	1135	1160	1178	1160	1135	1160	10- 20	3277	4378	11.2,11.2
30	1190	1167	1139	1167	1190	1167	1139	1167	20- 30	5383	9761	24.9,24.9
40	1169	1161	1132	1161	1169	1161	1132	1161	30- 40	7324	17085	43.7,43.7
50	1063	1066	1051	1066	1063	1066	1051	1066	40- 50	8638	25724	65.7,65.7
60	769.0	774.8	769.9	774.8	769.0	774.8	769.9	774.8	50- 60	8494	34218	87.5,87.5
70	138.3	138.1	129.4	138.1	138.3	138.1	129.4	138.1	60- 70	4112	38330	98.98
80	28.88	25.68	17.83	25.68	28.88	25.68	17.83	25.68	70- 80	720.3	39050	99.8,99.8
90	0	0	0	0	0	0	0	0	80- 90	77.47	39128	100,100
100	0	0	0	0	0	0	0	0	90-100	0	39128	100,100
110	0	0	0	0	0	0	0	0	100-110	0	39128	100,100
120	0	0	0	0	0	0	0	0	110-120	0	39128	100,100
130	0	0	0	0	0	0	0	0	120-130	0	39128	100,100
140	0	0	0	0	0	0	0	0	130-140	0	39128	100,100
150	0	0	0	0	0	0	0	0	140-150	0	39128	100,100
160	0	0	0	0	0	0	0	0	150-160	0	39128	100,100
170	0	0	0	0	0	0	0	0	160-170	0	39128	100,100
180	0	0	0	0	0	0	0	0	170-180	0	39128	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

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:219.84V I:1.1363A P:240.69W PF:0.9795 Freq:49.99Hz Lamp Flux:39127.6x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:6.6kg
SPEC.:AOK-240Woh	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	7410	2539
80	16699	10243
75	25761	21915
70	40614	37736
65	93894	91177
60	154416	153563
55	168290	166858
50	166076	162998
45	159413	154934

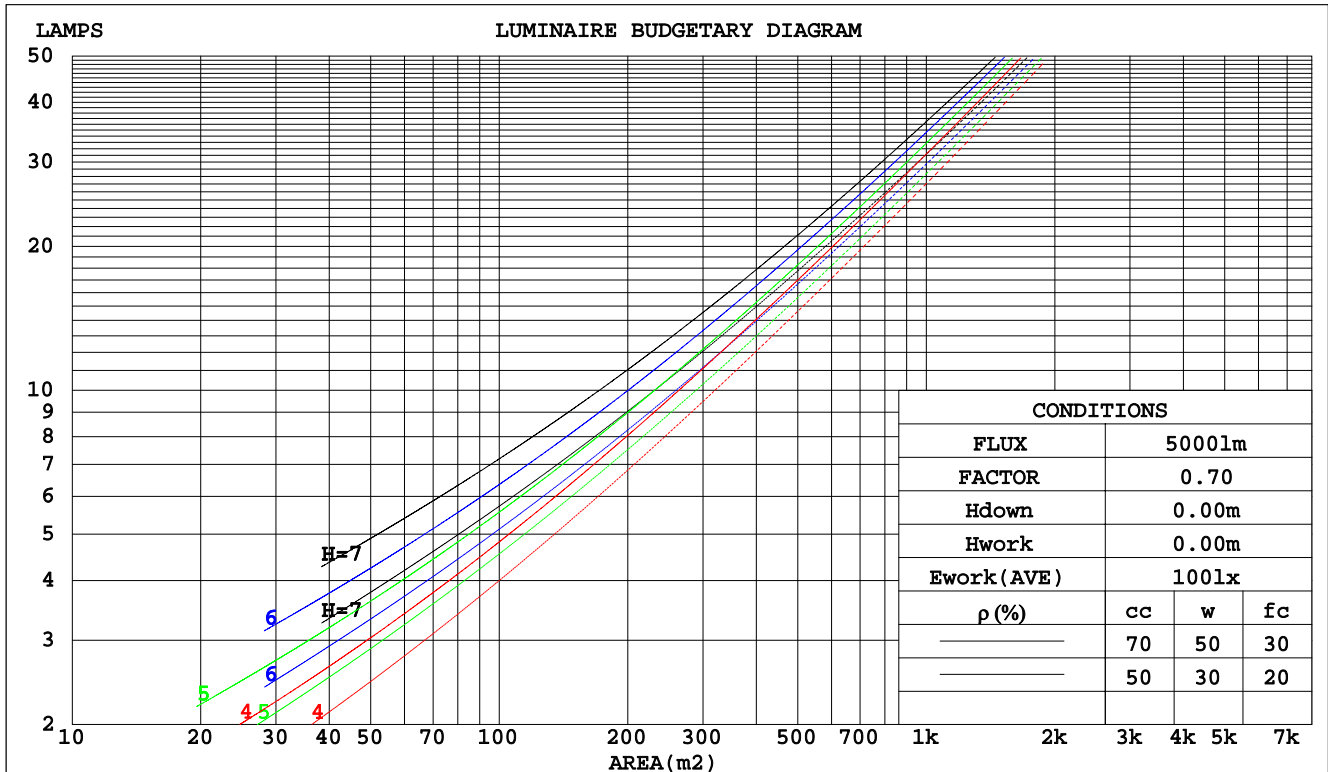
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-12-11

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:219.84V I:1.1363A P:240.69W PF:0.9795 Freq:49.99Hz Lamp Flux:39127.6x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:6.6kg
SPEC.:AOK-240WoH	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															



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:219.84V I:1.1363A P:240.69W PF:0.9795 Freq:49.99Hz Lamp Flux:39127.6x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:6.6kg
SPEC.:AOK-240WoH	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	.271	.154	.049	.264	.151	.048	.251	.144	.046	.239	.138	.044	.228	.132	.043		
2.0	.268	.147	.045	.262	.144	.044	.250	.139	.043	.239	.134	.042	.230	.130	.041		
3.0	.255	.136	.041	.250	.134	.040	.240	.130	.039	.230	.126	.039	.222	.123	.038		
4.0	.240	.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	.198	.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

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:219.84V I:1.1363A P:240.69W PF:0.9795 Freq:49.99Hz Lamp Flux:39127.6x1 lm											
NAME: LED Hight Bay Light					TYPE:LED			WEIGHT:6.6kg			
SPEC.:AOK-240WoH					DIM.: ϕ 0.4*0.141M			SERIAL No.:			
MFR.: AOK					SUR.: ϕ 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	18.5	20.0	18.7	20.2	20.4	18.4	19.9	18.7	20.1	20.3	
	3H	18.7	20.0	19.0	20.3	20.5	18.6	19.9	18.9	20.2	20.4
	4H	18.6	19.9	18.9	20.2	20.4	18.5	19.8	18.8	20.0	20.3
	6H	18.5	19.7	18.9	20.0	20.3	18.4	19.6	18.7	19.9	20.2
	8H	18.5	19.7	18.8	19.9	20.2	18.4	19.5	18.7	19.8	20.1
	12H	18.4	19.6	18.8	19.9	20.2	18.3	19.4	18.7	19.7	20.0
4H	2H	18.8	20.1	19.1	20.3	20.6	18.7	20.0	19.0	20.3	20.5
	3H	19.0	20.1	19.3	20.4	20.7	18.9	20.0	19.2	20.3	20.6
	4H	18.9	20.0	19.3	20.3	20.6	18.8	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	18.7	19.5	19.1	19.9	20.3
	12H	18.8	19.6	19.2	20.0	20.4	18.7	19.4	19.1	19.8	20.2
8H	4H	18.8	19.7	19.3	20.0	20.4	18.7	19.6	19.2	19.9	20.3
	6H	18.8	19.5	19.3	19.9	20.3	18.7	19.4	19.1	19.8	20.2
	8H	18.8	19.4	19.3	19.8	20.3	18.7	19.2	19.1	19.7	20.1
	12H	18.8	19.3	19.2	19.7	20.2	18.6	19.1	19.1	19.6	20.0
12H	4H	18.8	19.6	19.2	19.9	20.3	18.7	19.5	19.1	19.8	20.2
	6H	18.8	19.4	19.2	19.8	20.2	18.7	19.2	19.1	19.7	20.1
	8H	18.8	19.3	19.2	19.7	20.2	18.6	19.1	19.1	19.6	20.0
Variations with the observer position at spacings:											
S = 1.0H	+ 0.4 / - 0.4					+ 0.4 / - 0.4					
1.5H	+ 1.1 / - 1.3					+ 1.1 / - 1.5					
2.0H	+ 0.7 / - 1.2					+ 0.7 / - 1.4					

CIE Pub.117, 39128 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 12.7$)

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:219.84V I:1.1363A P:240.69W PF:0.9795 Freq:49.99Hz Lamp Flux:39127.6x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:6.6kg
SPEC.:AOK-240Woh	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:

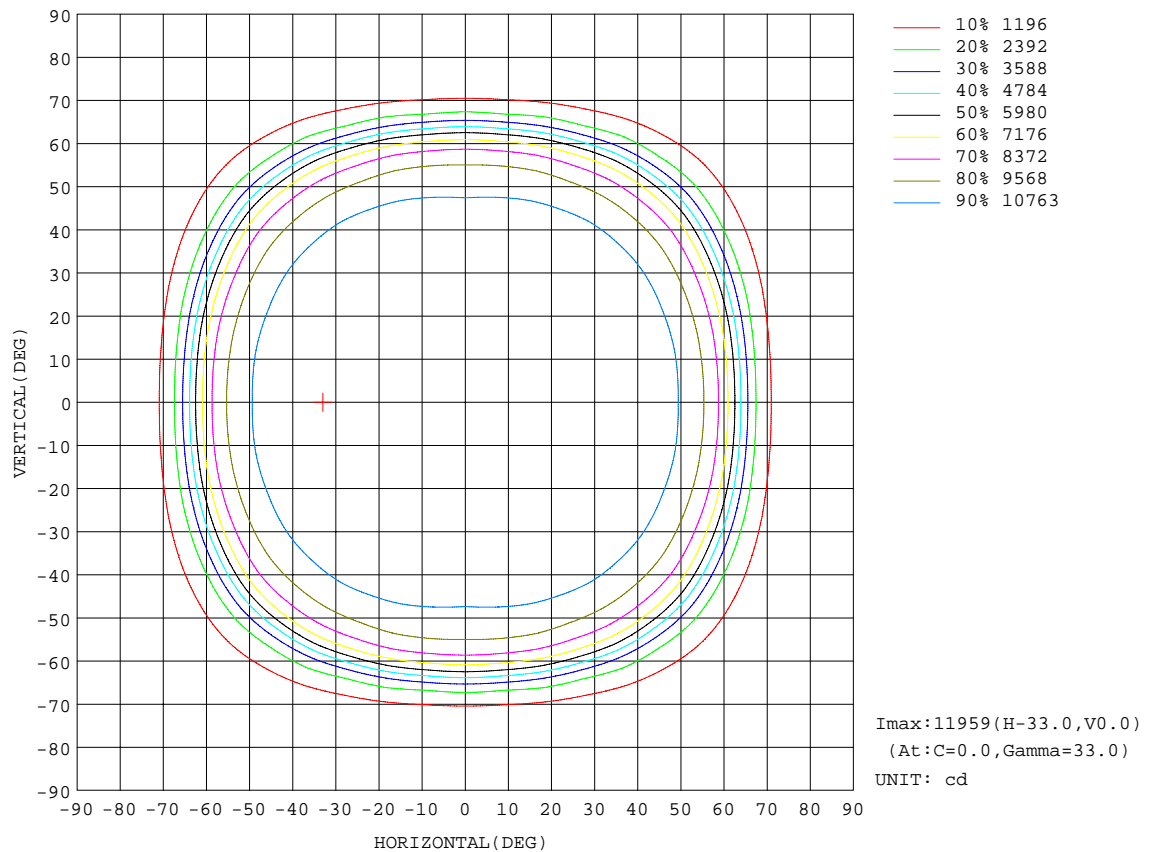
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	56	44	36	55	43	36	54	43	36	29
0.80	67	55	48	66	55	48	64	54	47	40
1.00	77	66	59	76	65	58	73	67	58	51
1.25	85	75	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										
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:219.84V I:1.1363A P:240.69W PF:0.9795 Freq:49.99Hz Lamp Flux:39127.6x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:6.6kg
SPEC.:AOK-240WoH	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:

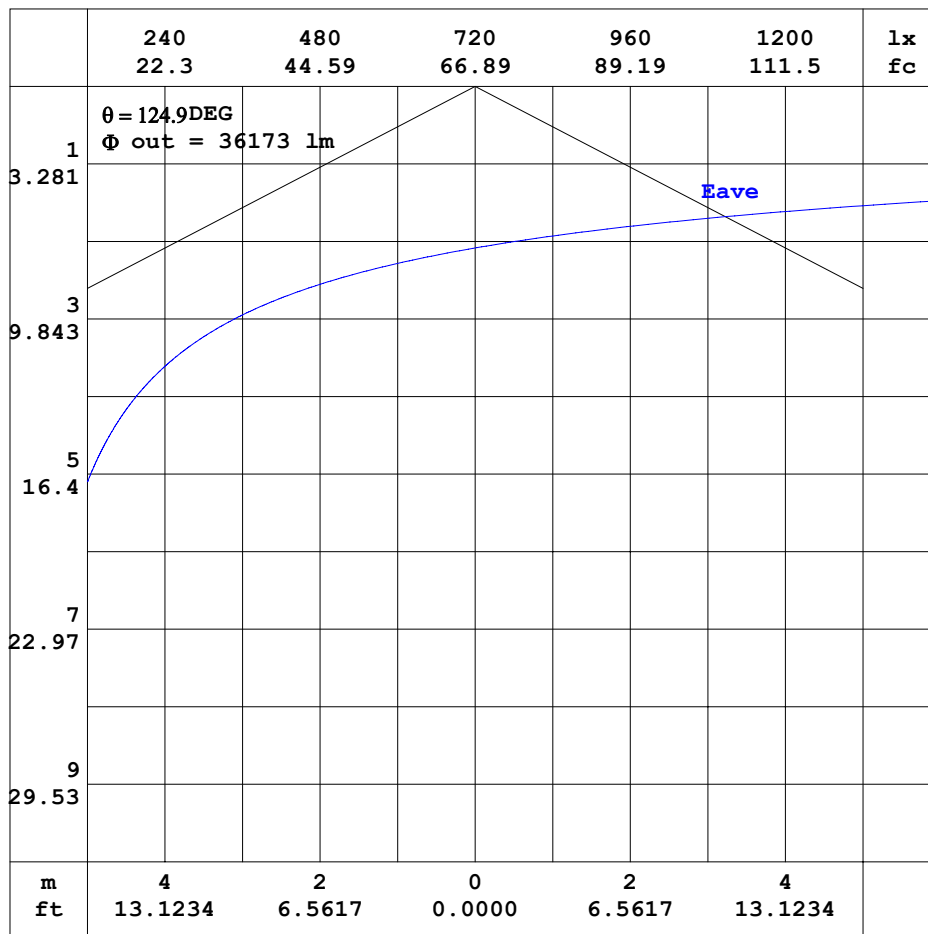


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-12-11

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:219.84V I:1.1363A P:240.69W PF:0.9795 Freq:49.99Hz Lamp Flux:39127.6x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:6.6kg
SPEC.:AOK-240WoH	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:



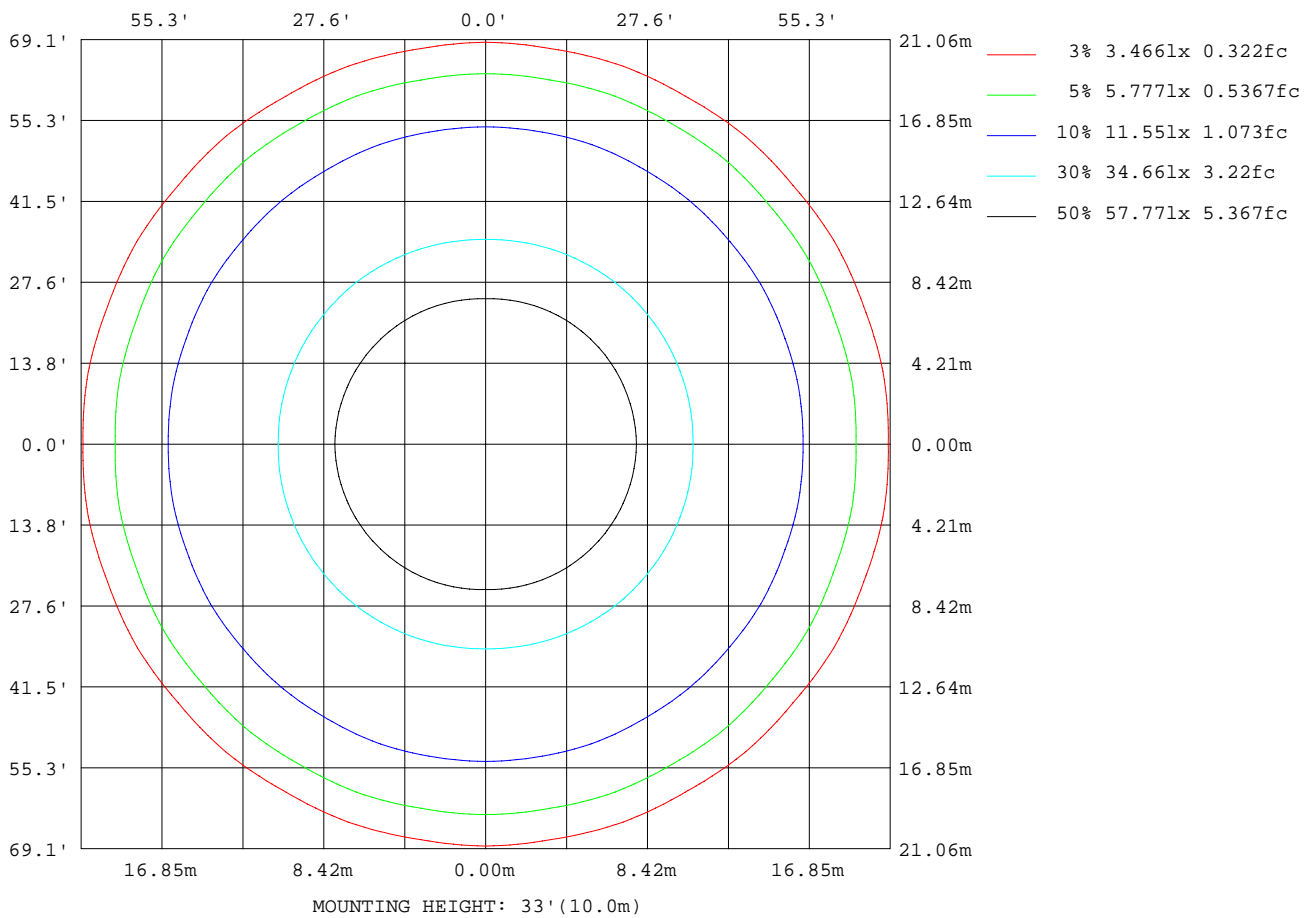
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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:219.84V I:1.1363A P:240.69W PF:0.9795 Freq:49.99Hz Lamp Flux:39127.6x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:6.6kg
SPEC.:AOK-240WoH	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

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:219.84V I:1.1363A P:240.69W PF:0.9795 Freq:49.99Hz Lamp Flux:39127.6x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:6.6kg
SPEC.:AOK-240WoH	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:

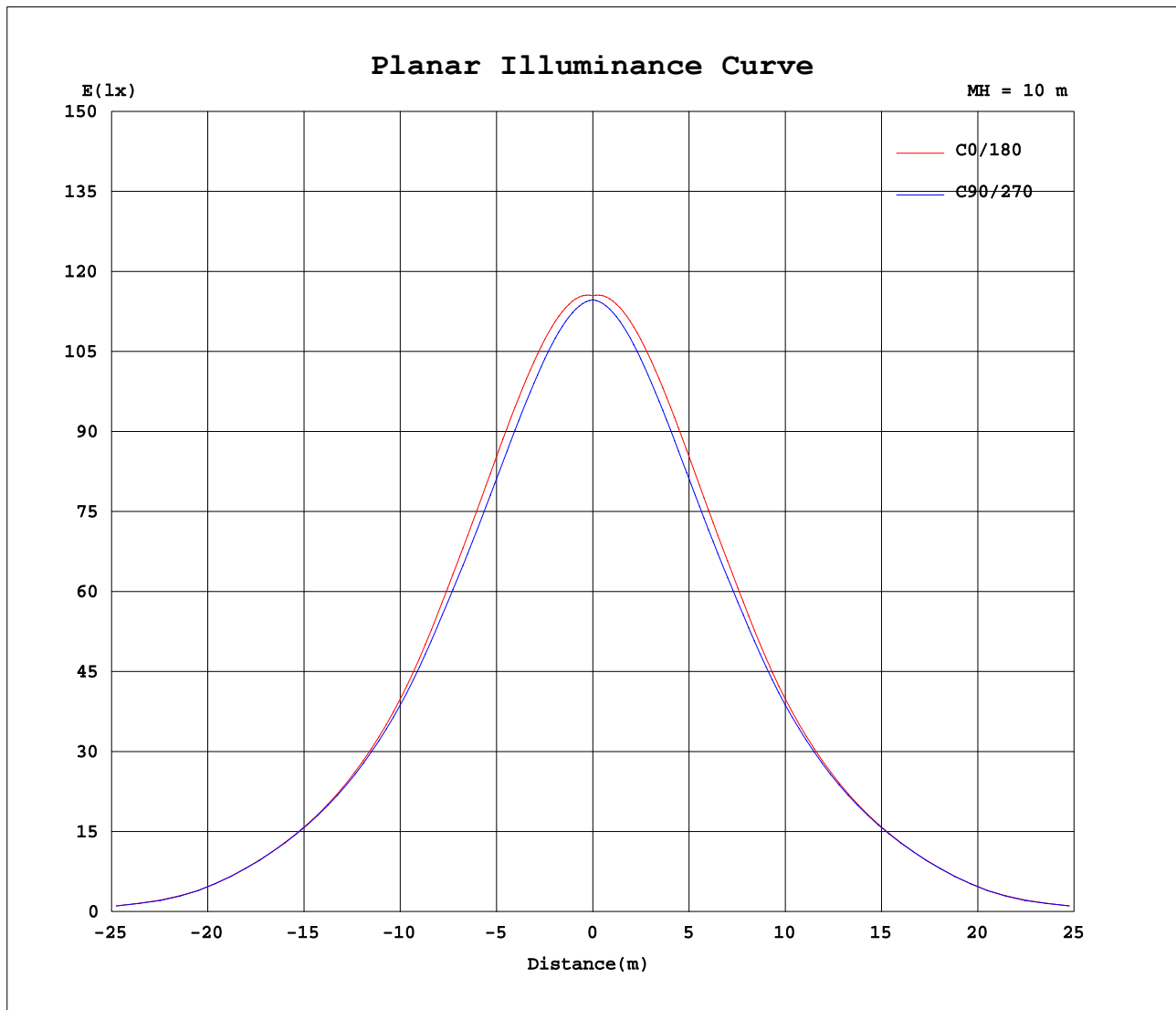
AvgL	cd/m2
L_0~180 (65) av	93514
L_0~180 (75) av	25657
L_0~180 (85) av	7380
L_90~270 (65) av	91420
L_90~270 (75) av	21974
L_90~270 (85) av	2545
L_45 (65) av	92296
L_45 (75) av	24731
L_45 (85) av	4108

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:219.84V I:1.1363A P:240.69W PF:0.9795 Freq:49.99Hz Lamp Flux:39127.6x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:6.6kg
SPEC.:AOK-240WoH	DIM.: $\phi 0.4 \times 0.141M$	SERIAL No.:
MFR.: AOK	SUR.: $\phi 0.29M$	Shielding Angle:

Table--1

UNIT: $\times 10cd$

C (DEG) γ (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
5	1157	1157	1156	1155	1153	1152	1150	1149	1147	1146	1147	1149	1150	1152	1153	1155	1156	1157	1157
10	1164	1163	1161	1159	1156	1153	1150	1147	1144	1141	1144	1147	1150	1153	1156	1159	1161	1163	1164
15	1171	1169	1166	1163	1159	1154	1150	1146	1141	1137	1141	1146	1150	1154	1159	1163	1166	1169	1171
20	1178	1175	1171	1167	1162	1157	1152	1146	1141	1135	1141	1146	1152	1157	1162	1167	1171	1175	1178
25	1185	1182	1177	1172	1166	1161	1155	1148	1142	1136	1142	1148	1155	1161	1166	1172	1177	1182	1185
30	1190	1186	1181	1176	1170	1165	1158	1152	1145	1139	1145	1152	1158	1165	1170	1176	1181	1186	1190
35	1191	1187	1182	1177	1171	1166	1160	1154	1148	1142	1148	1154	1160	1166	1171	1177	1182	1187	1191
40	1169	1169	1167	1167	1163	1159	1152	1146	1138	1132	1138	1146	1152	1159	1163	1167	1167	1169	1169
45	1123	1128	1129	1131	1128	1125	1117	1109	1101	1098	1101	1109	1117	1125	1128	1131	1129	1128	1123
50	1063	1068	1066	1068	1066	1066	1062	1062	1057	1051	1057	1062	1062	1066	1066	1068	1066	1068	1063
55	961	964	962	966	961	963	960	968	964	960	964	968	960	963	961	966	962	964	961
60	769	776	773	780	774	776	771	776	770	770	770	776	771	776	774	780	773	776	769
65	395	402	393	397	388	392	383	388	382	386	382	388	383	392	388	397	393	402	395
70	138	143	140	142	138	139	133	133	129	129	129	133	133	139	138	142	140	143	138
75	66.4	68.3	66.9	67.3	64.3	63.5	59.3	58.3	55.9	56.9	55.9	58.3	59.3	63.5	64.3	67.3	66.9	68.3	66.4
80	28.9	29.6	29.0	28.9	26.2	25.2	21.3	20.5	17.3	17.8	17.3	20.5	21.3	25.2	26.2	28.9	29.0	29.6	28.9
85	6.43	5.31	6.33	4.55	3.63	3.58	3.05	2.79	2.18	2.22	2.18	2.79	3.05	3.58	3.63	4.55	6.33	5.31	6.43
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	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:219.84V I:1.1363A P:240.69W PF:0.9795 Freq:49.99Hz Lamp Flux:39127.6x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:6.6kg
SPEC.:AOK-240WoH	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	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150		
5	1157	1156	1155	1153	1152	1150	1149	1147	1146	1147	1149	1150	1152	1153	1155	1156	1157		
10	1163	1161	1159	1156	1153	1150	1147	1144	1141	1144	1147	1150	1153	1156	1159	1161	1163		
15	1169	1166	1163	1159	1154	1150	1146	1141	1137	1141	1146	1150	1154	1159	1163	1166	1169		
20	1175	1171	1167	1162	1157	1152	1146	1141	1135	1141	1146	1152	1157	1162	1167	1171	1175		
25	1182	1177	1172	1166	1161	1155	1148	1142	1136	1142	1148	1155	1161	1166	1172	1177	1182		
30	1186	1181	1176	1170	1165	1158	1152	1145	1139	1145	1152	1158	1165	1170	1176	1181	1186		
35	1187	1182	1177	1171	1166	1160	1154	1148	1142	1148	1154	1160	1166	1171	1177	1182	1187		
40	1169	1167	1167	1163	1159	1152	1146	1138	1132	1138	1146	1152	1159	1163	1167	1167	1169		
45	1128	1129	1131	1128	1125	1117	1109	1101	1098	1101	1109	1117	1125	1128	1131	1129	1128		
50	1068	1066	1068	1066	1066	1062	1062	1057	1051	1057	1062	1062	1066	1066	1068	1066	1068		
55	964	962	966	961	963	960	968	964	960	964	968	960	963	961	966	962	964		
60	776	773	780	774	776	771	776	770	770	770	776	771	776	774	780	773	776		
65	402	393	397	388	392	383	388	382	386	382	388	383	392	388	397	393	402		
70	143	140	142	138	139	133	133	129	129	129	133	133	139	138	142	140	143		
75	68.3	66.9	67.3	64.3	63.5	59.3	58.3	55.9	56.9	55.9	58.3	59.3	63.5	64.3	67.3	66.9	68.3		
80	29.6	29.0	28.9	26.2	25.2	21.3	20.5	17.3	17.8	17.3	20.5	21.3	25.2	26.2	28.9	29.0	29.6		
85	5.31	6.33	4.55	3.63	3.58	3.05	2.79	2.18	2.22	2.18	2.79	3.05	3.58	3.63	4.55	6.33	5.31		
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: