



Light Output Ratio:	100.0%	
Luminaire Power:	40.4 W	
SHR Nominal:	0.75	Calculated using the TM5
SHR Maximum:	0.90	fine grid method.

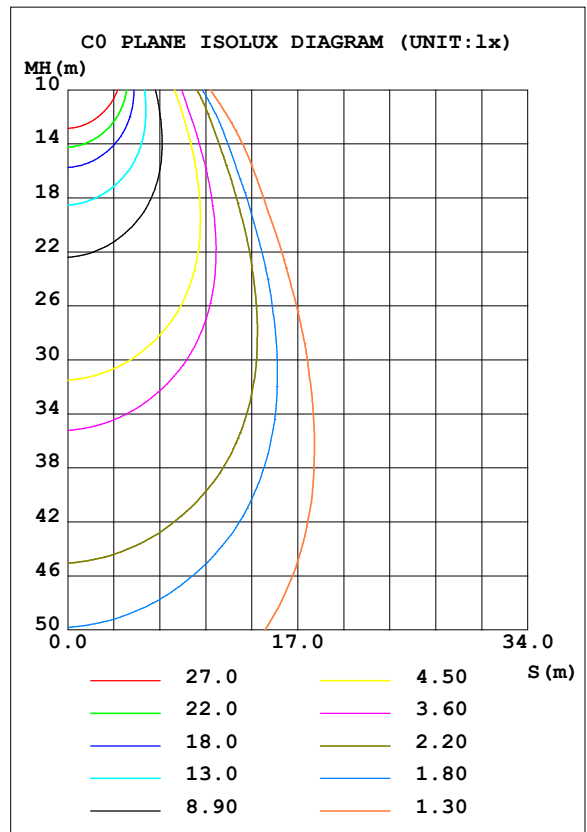
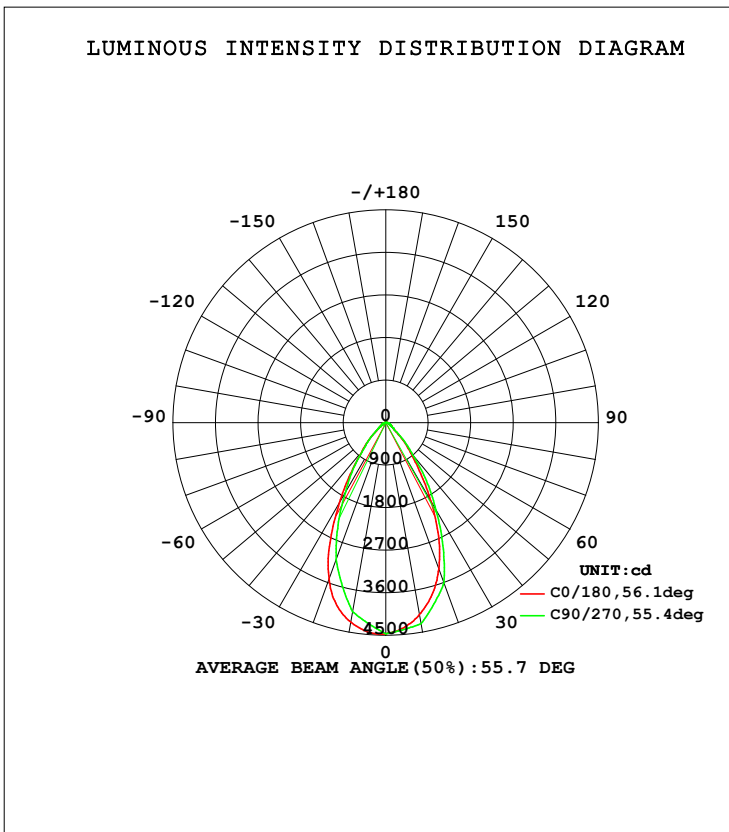
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZZJ
 Test Date:2014-09-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.810m [K=1.0000]
 Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:219.8V I:0.1878A P:40.40W PF:0.9786 Lamp Flux:4221.56x1 lm		
NAME: THE LED High Bay LIGHT LIGHT	TYPE:LED	WEIGHT:3.25KG
SPEC.:C470SP-Q2-P-03A 230V50HZ	DIM.: 151*303.6*183MM	SERIAL No.:1
MFR.: AOK	SUR.:230*79MM	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 104.50 lm/W			
MODEL	AOK-40Wi	I _{max} (cd)	4474	S/MH (C0/180)	0.86
NOMINAL POWER (W)	40	LOR (%)	100.0	S/MH (C90/270)	0.81
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	4221.6	η UP, DN (C0-180)	0.0, 52.4
NOMINAL FLUX (lm)	4221.56	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.0, 47.6
LAMPS INSIDE	1	η up (%)	0.0	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	219.969	η down (%)	100.0	CIBSE SHR MAX	0.90



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: ZZJ
 Test Date: 2014-09-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.810m [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
5	4354	4353	4393	4410	4443	4318	4264	4261	0- 5	105.0	105.0	2.49,2.49
10	4122	4189	4319	4286	4284	4104	4061	4010	5- 10	304.0	408.9	9.69,9.69
15	3775	3941	3964	4070	4005	3786	3568	3665	10- 15	474.0	883.0	20.9,20.9
20	3290	3457	3609	3611	3516	3240	3075	3123	15- 20	591.6	1475	34.9,34.9
25	2646	2905	2865	3067	2802	2628	2396	2538	20- 25	638.1	2113	50,50
30	1904	2182	2122	2292	1967	1906	1716	1868	25- 30	592.2	2705	64.1,64.1
35	1248	1442	1499	1457	1262	1221	1216	1231	30- 35	479.0	3184	75.4,75.4
40	804.6	879.2	877.0	863.7	770.0	729.0	716.0	761.0	35- 40	350.2	3534	83.7,83.7
45	492.7	533.5	559.8	515.3	478.0	436.9	472.9	465.0	40- 45	239.8	3774	89.4,89.4
50	244.1	249.4	242.6	224.3	218.4	208.9	229.9	243.1	45- 50	146.6	3920	92.9,92.9
55	156.0	157.4	174.5	145.9	141.6	143.6	167.5	164.8	50- 55	84.44	4005	94.9,94.9
60	104.4	99.93	106.3	98.37	98.29	96.42	105.2	106.5	55- 60	57.67	4063	96.2,96.2
65	82.65	83.63	87.25	82.12	78.51	79.68	86.14	84.50	60- 65	43.65	4106	97.3,97.3
70	68.62	70.56	68.22	69.08	64.85	66.95	67.06	69.76	65- 70	37.64	4144	98.2,98.2
75	53.24	58.83	49.62	57.13	50.23	55.52	48.56	57.89	70- 75	32.30	4176	98.9,98.9
80	41.26	45.20	31.02	42.85	35.43	41.15	30.06	43.74	75- 80	26.51	4203	99.6,99.6
85	10.56	15.52	0	14.15	12.30	13.51	0	14.50	80- 85	16.84	4219	100,100
90	0.0402	0	0	0	0.0312	0	0	0	85- 90	2.084	4222	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

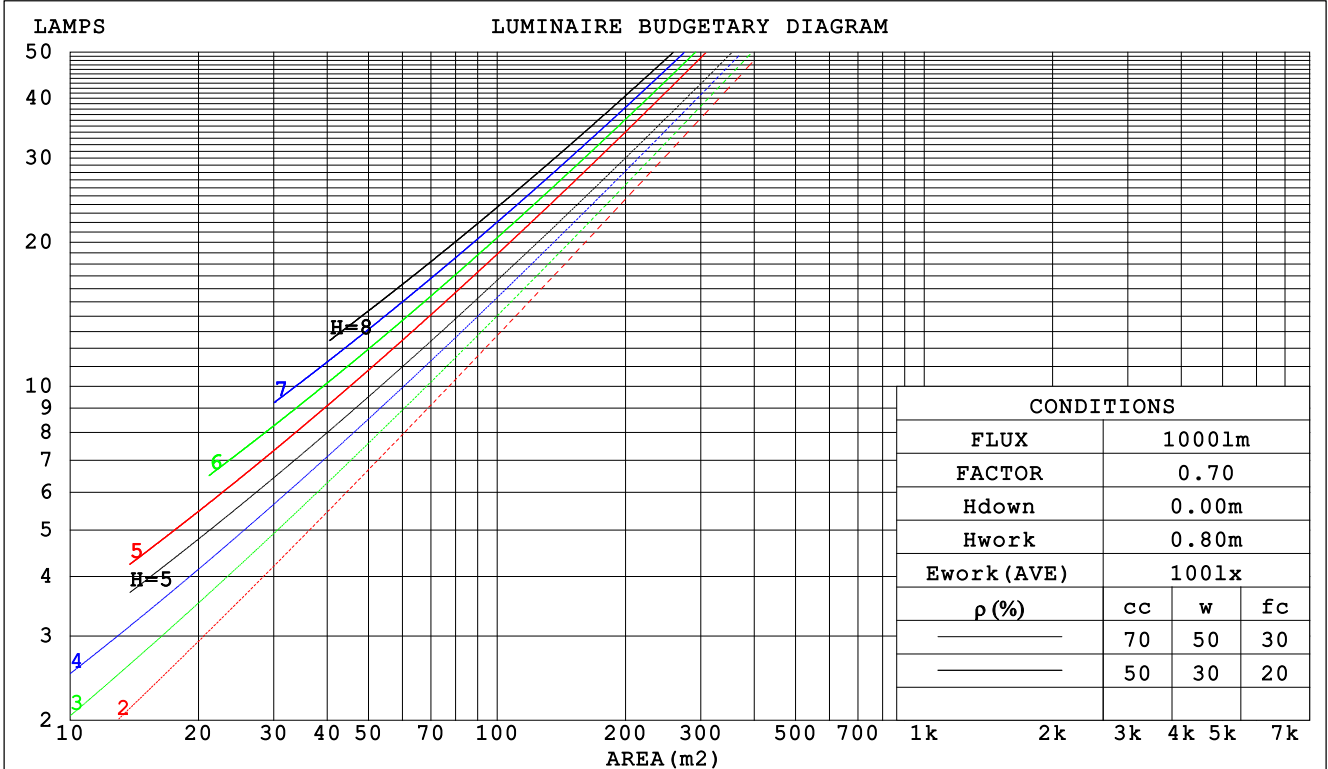
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZZJ
 Test Date:2014-09-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.810m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.8V I:0.1878A P:40.40W PF:0.9786 Lamp Flux:4221.56x1 lm		
NAME: THE LED High Bay LIGHT LIGHT	TYPE:LED	WEIGHT:3.25KG
SPEC.:C470SP-Q2-P-03A 230V50HZ	DIM.: 151*303.6*183MM	SERIAL No.:1
MFR.: AOK	SUR.:230*79MM	PROTECTION ANGLE:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	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	1.10	1.07	1.04	1.07	1.05	1.03	1.03	1.01	.99	.00	.98	.96	.96	.95	.94	.92
2.0	1.01	.96	.93	.99	.95	.92	.96	.93	.90	.93	.90	.88	.90	.88	.86	.84
3.0	.93	.88	.83	.92	.87	.83	.89	.85	.81	.87	.83	.80	.84	.81	.79	.77
4.0	.87	.81	.76	.85	.80	.75	.83	.78	.75	.81	.77	.74	.79	.76	.73	.71
5.0	.81	.74	.70	.80	.74	.69	.78	.73	.69	.76	.72	.68	.74	.71	.67	.66
6.0	.75	.69	.64	.74	.68	.64	.73	.68	.64	.71	.67	.63	.70	.66	.63	.61
7.0	.70	.64	.60	.70	.64	.59	.68	.63	.59	.67	.62	.59	.66	.62	.58	.57
8.0	.66	.60	.55	.66	.60	.55	.64	.59	.55	.63	.58	.55	.62	.58	.55	.53
9.0	.62	.56	.52	.62	.56	.52	.61	.55	.52	.60	.55	.51	.59	.54	.51	.50
10.0	.59	.53	.49	.58	.52	.49	.57	.52	.48	.57	.52	.48	.56	.51	.48	.47



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZZJ
 Test Date:2014-09-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.810m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:219.8V I:0.1878A P:40.40W PF:0.9786 Lamp Flux:4221.56x1 lm		
NAME: THE LED High Bay LIGHT LIGHT	TYPE:LED	WEIGHT:3.25KG
SPEC.:C470SP-Q2-P-03A 230V50HZ	DIM.: 151*303.6*183MM	SERIAL No.:1
MFR.: AOK	SUR.:230*79MM	PROTECTION ANGLE:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.200	.114	.036	.194	.110	.035	.181	.104	.033	.169	.098	.031	.158	.092	.030	
2.0	.191	.104	.032	.185	.102	.031	.174	.097	.030	.164	.092	.029	.155	.088	.028	
3.0	.180	.096	.029	.175	.094	.028	.166	.090	.027	.158	.086	.026	.150	.083	.026	
4.0	.170	.089	.026	.166	.087	.026	.158	.084	.025	.151	.081	.024	.144	.078	.024	
5.0	.161	.082	.024	.158	.081	.024	.151	.078	.023	.144	.076	.023	.138	.074	.022	
6.0	.153	.077	.022	.150	.076	.022	.144	.074	.021	.138	.072	.021	.132	.070	.021	
7.0	.145	.072	.020	.143	.071	.020	.137	.069	.020	.132	.068	.020	.127	.066	.019	
8.0	.138	.068	.019	.136	.067	.019	.131	.065	.019	.126	.064	.018	.122	.063	.018	
9.0	.132	.064	.018	.130	.063	.018	.125	.062	.018	.121	.061	.017	.117	.060	.017	
10.0	.126	.061	.017	.124	.060	.017	.120	.059	.017	.116	.058	.016	.113	.057	.016	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	.050	.019	.017	.016	
2.0	.159	.132	.110	.136	.114	.095	.093	.079	.066	.054	.046	.039	.017	.015	.013	
3.0	.147	.114	.087	.126	.098	.075	.087	.068	.053	.050	.040	.031	.016	.013	.010	
4.0	.137	.099	.070	.118	.086	.061	.081	.060	.043	.047	.035	.025	.015	.011	.008	
5.0	.129	.088	.057	.111	.076	.050	.076	.053	.035	.044	.031	.021	.014	.010	.007	
6.0	.122	.079	.048	.105	.068	.042	.072	.048	.029	.042	.028	.018	.014	.009	.006	
7.0	.115	.071	.040	.099	.062	.035	.069	.043	.025	.040	.026	.015	.013	.008	.005	
8.0	.109	.065	.035	.094	.057	.030	.065	.040	.021	.038	.023	.013	.012	.008	.004	
9.0	.104	.060	.030	.090	.052	.026	.062	.037	.019	.036	.022	.011	.012	.007	.004	
10.0	.100	.056	.026	.086	.048	.023	.060	.034	.016	.035	.020	.010	.011	.007	.003	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZZJ
 Test Date:2014-09-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.810m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:219.8V I:0.1878A P:40.40W PF:0.9786 Lamp Flux:4221.56x1 lm		
NAME: THE LED High Bay LIGHT LIGHT	TYPE:LED	WEIGHT:3.25KG
SPEC.:C470SP-Q2-P-03A 230V50HZ	DIM.: 151*303.6*183MM	SERIAL No.:1
MFR.: AOK	SUR.:230*79MM	PROTECTION 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	15.0	16.0	15.2	16.2	16.4	15.6	16.6	15.8	16.8	16.9
3H	15.2	16.2	15.5	16.4	16.6	15.7	16.7	16.0	16.9	17.1
4H	15.4	16.3	15.7	16.6	16.8	15.9	16.8	16.2	17.0	17.3
6H	15.7	16.6	16.0	16.8	17.1	16.1	16.9	16.4	17.2	17.4
8H	15.8	16.6	16.1	16.9	17.2	16.1	16.9	16.4	17.2	17.4
12H	15.8	16.6	16.2	16.9	17.2	16.0	16.8	16.4	17.1	17.4
4H 2H	14.9	15.8	15.2	16.0	16.3	15.5	16.4	15.7	16.6	16.8
3H	15.3	16.1	15.7	16.4	16.7	15.8	16.6	16.1	16.9	17.2
4H	15.7	16.4	16.1	16.7	17.0	16.1	16.8	16.5	17.1	17.4
6H	16.2	16.9	16.6	17.2	17.5	16.5	17.1	16.8	17.4	17.8
8H	16.5	17.0	16.9	17.4	17.8	16.5	17.1	16.9	17.5	17.8
12H	16.6	17.1	17.0	17.5	17.9	16.5	17.0	16.9	17.4	17.8
8H 4H	15.8	16.4	16.2	16.8	17.2	16.2	16.8	16.6	17.2	17.5
6H	16.6	17.1	17.0	17.5	17.9	16.8	17.2	17.2	17.6	18.0
8H	17.0	17.4	17.4	17.8	18.3	16.9	17.3	17.4	17.8	18.2
12H	17.3	17.6	17.8	18.1	18.6	16.9	17.3	17.4	17.7	18.2
12H 4H	15.9	16.4	16.3	16.8	17.2	16.2	16.8	16.6	17.1	17.5
6H	16.7	17.1	17.1	17.5	18.0	16.8	17.3	17.3	17.7	18.1
8H	17.1	17.5	17.6	18.0	18.4	17.0	17.4	17.5	17.8	18.3
Variations with the observer position at spacings:										
S = 1.0H	+ 1.0 / - 1.4					+ 1.3 / - 1.8				
1.5H	+ 1.7 / - 1.3					+ 2.4 / - 2.1				
2.0H	+ 2.1 / - 0.8					+ 2.7 / - 1.3				

CIE Pub.117 Corrected 4222 lm Total Lamp Luminous Flux. (8log(F/F0) = 5.0)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZZJ
 Test Date:2014-09-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.810m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:219.8V I:0.1878A P:40.40W PF:0.9786 Lamp Flux:4221.56x1 lm		
NAME: THE LED High Bay LIGHT LIGHT	TYPE:LED	WEIGHT:3.25KG
SPEC.:C470SP-Q2-P-03A 230V50HZ	DIM.: 151*303.6*183MM	SERIAL No.:1
MFR.: AOK	SUR.:230*79MM	PROTECTION 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	81	74	70	81	74	69	80	73	69	65
0.80	90	83	78	89	82	78	87	82	78	73
1.00	95	88	84	94	88	84	92	88	83	79
1.25	100	93	89	98	93	89	96	92	88	83
1.50	103	97	93	101	96	93	99	95	91	86
2.00	106	101	97	105	100	97	102	98	95	90
2.50	108	104	100	107	102	99	103	100	97	91
3.00	110	106	103	108	105	102	105	102	100	93
4.00	112	109	106	110	107	105	107	104	102	95
5.00	114	111	109	112	109	107	108	106	104	96
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZZJ
 Test Date:2014-09-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.810m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

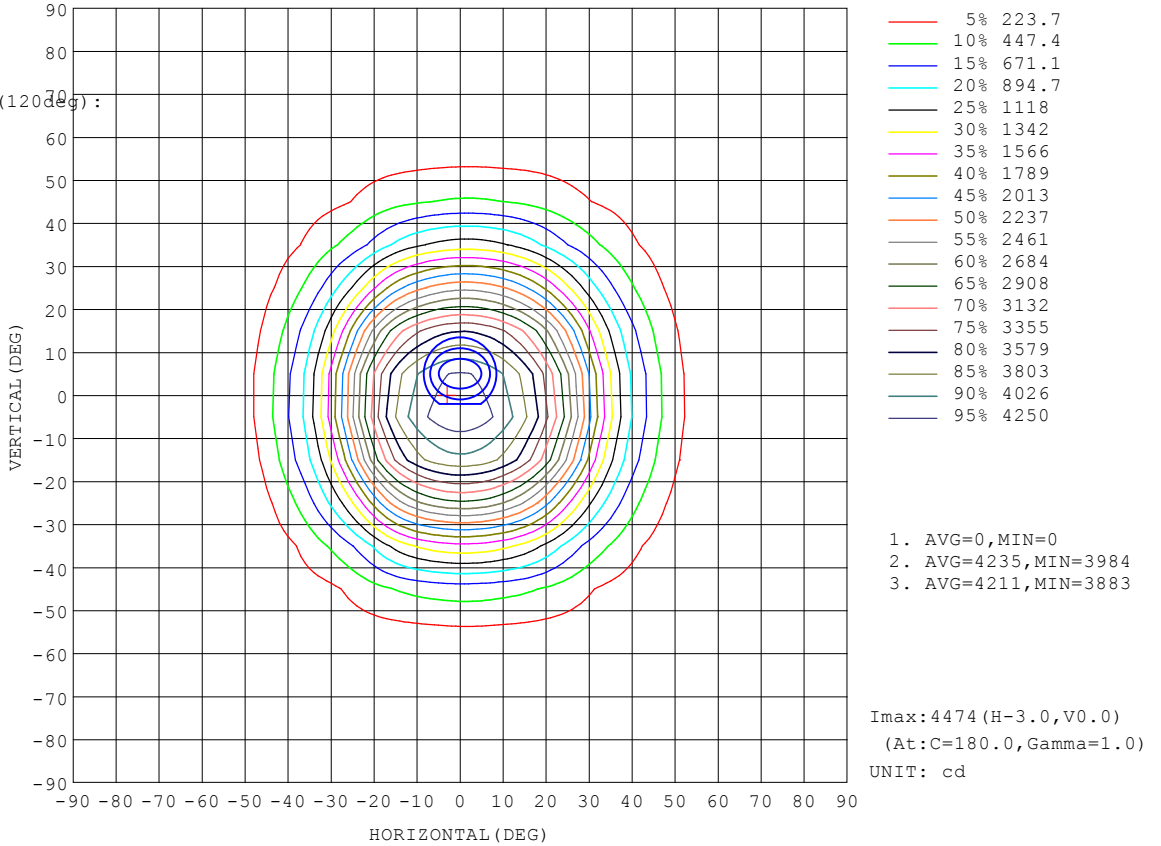
Test:U:219.8V I:0.1878A P:40.40W PF:0.9786 Lamp Flux:4221.56x1 lm		
NAME: THE LED High Bay LIGHT LIGHT	TYPE:LED	WEIGHT:3.25KG
SPEC.:C470SP-Q2-P-03A 230V50HZ	DIM.: 151*303.6*183MM	SERIAL No.:1
MFR.: AOK	SUR.:230*79MM	PROTECTION ANGLE:

Conical surface Flux(90deg):

3773.9 lm
 %lum = 89.4%
 %lamp = 89.4%

Conical surface Flux(120deg):

4062.5 lm
 %lum = 96.2%
 %lamp = 96.2%



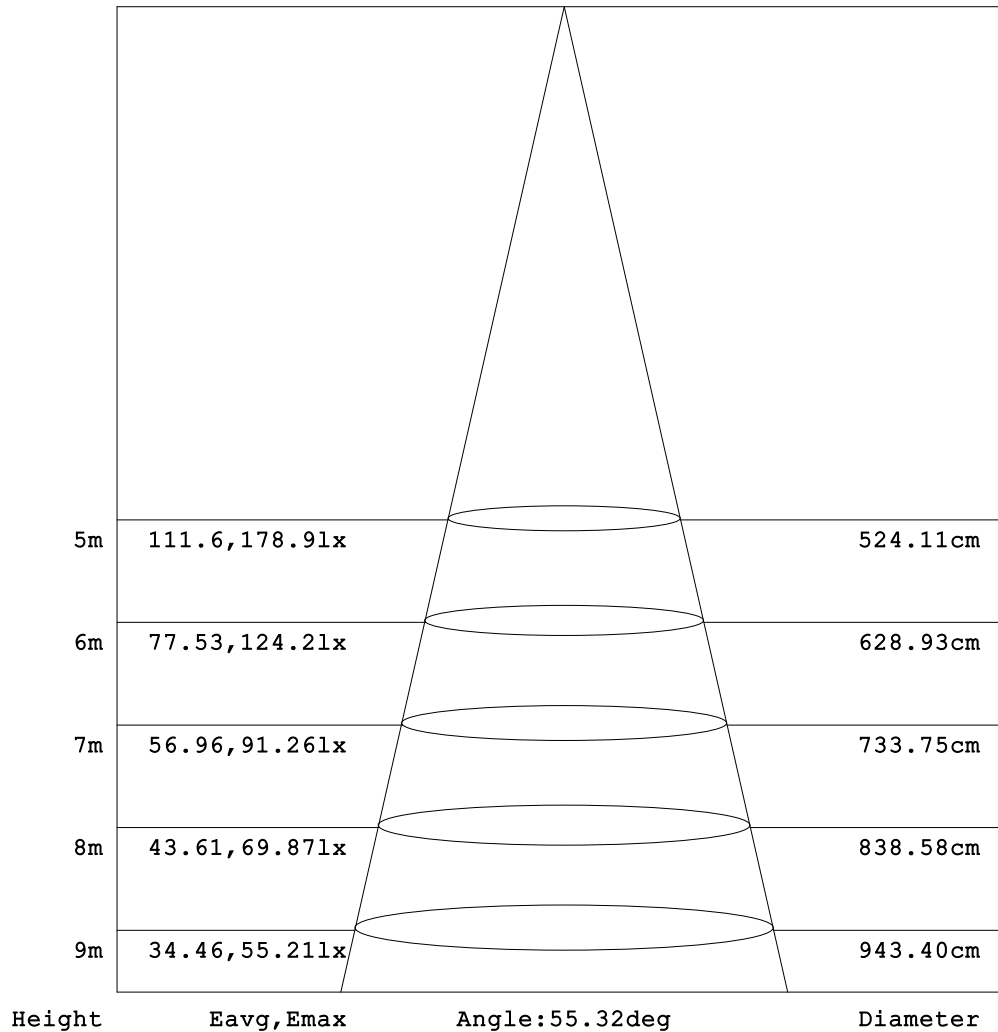
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZZJ
 Test Date:2014-09-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.810m [K=1.0000]
 Remarks:

AAI Figure

Test:U:219.8V I:0.1878A P:40.40W PF:0.9786 Lamp Flux:4221.56x1 lm		
NAME: THE LED High Bay LIGHT LIGHT	TYPE:LED	WEIGHT:3.25KG
SPEC.:C470SP-Q2-P-03A 230V50HZ	DIM.: 151*303.6*183MM	SERIAL No.:1
MFR.: AOK	SUR.:230*79MM	PROTECTION ANGLE:

Flux out:2479 lm



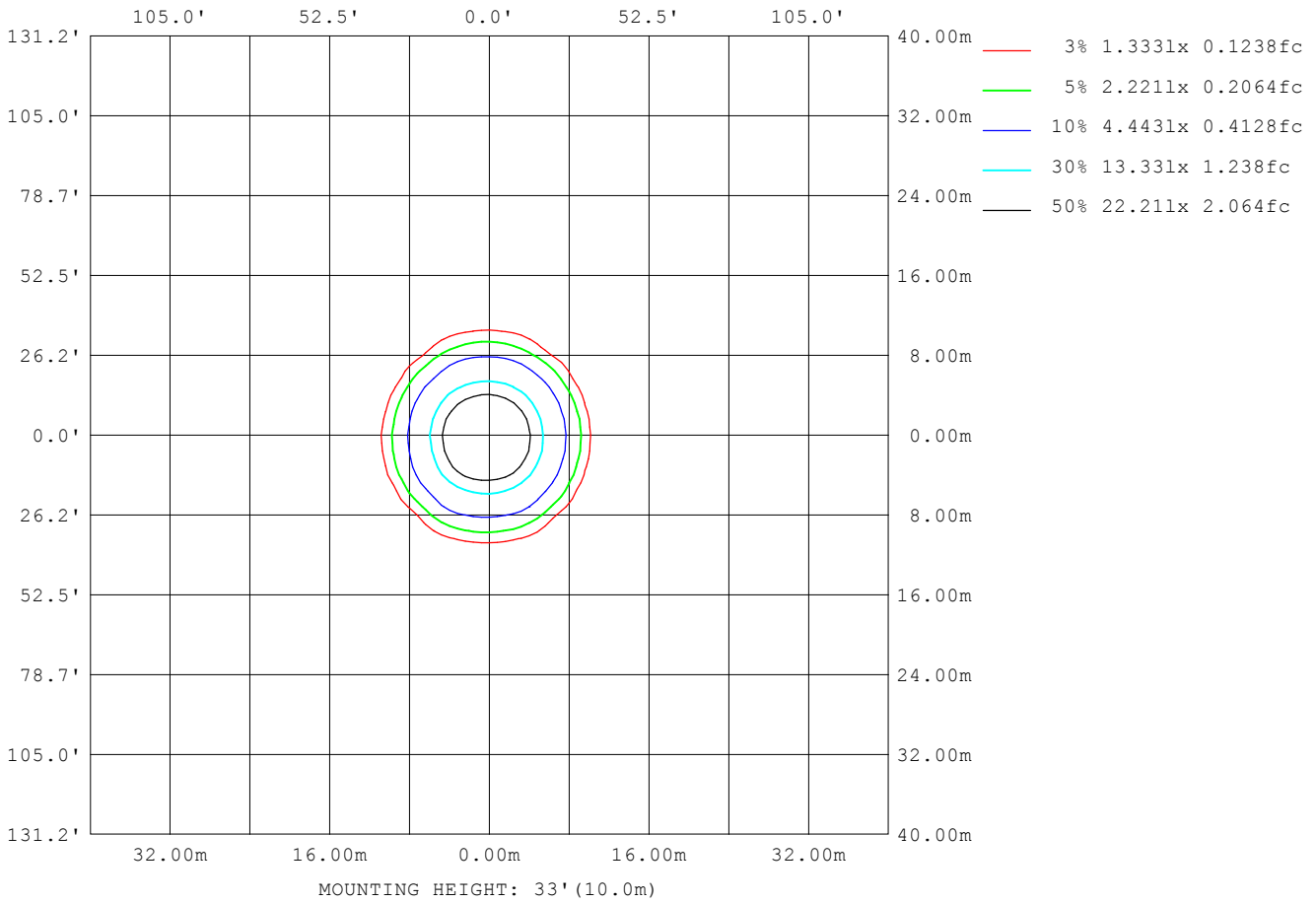
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZZJ
 Test Date:2014-09-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.810m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:219.8V I:0.1878A P:40.40W PF:0.9786 Lamp Flux:4221.56x1 lm		
NAME: THE LED High Bay LIGHT LIGHT	TYPE:LED	WEIGHT:3.25KG
SPEC.:C470SP-Q2-P-03A 230V50HZ	DIM.: 151*303.6*183MM	SERIAL No.:1
MFR.: AOK	SUR.:230*79MM	PROTECTION ANGLE:



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZZJ
 Test Date:2014-09-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.810m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:219.8V I:0.1878A P:40.40W PF:0.9786 Lamp Flux:4221.56x1 lm		
NAME: THE LED High Bay LIGHT LIGHT	TYPE:LED	WEIGHT:3.25KG
SPEC.:C470SP-Q2-P-03A 230V50HZ	DIM.: 151*303.6*183MM	SERIAL No.:1
MFR.: AOK	SUR.:230*79MM	PROTECTION ANGLE:

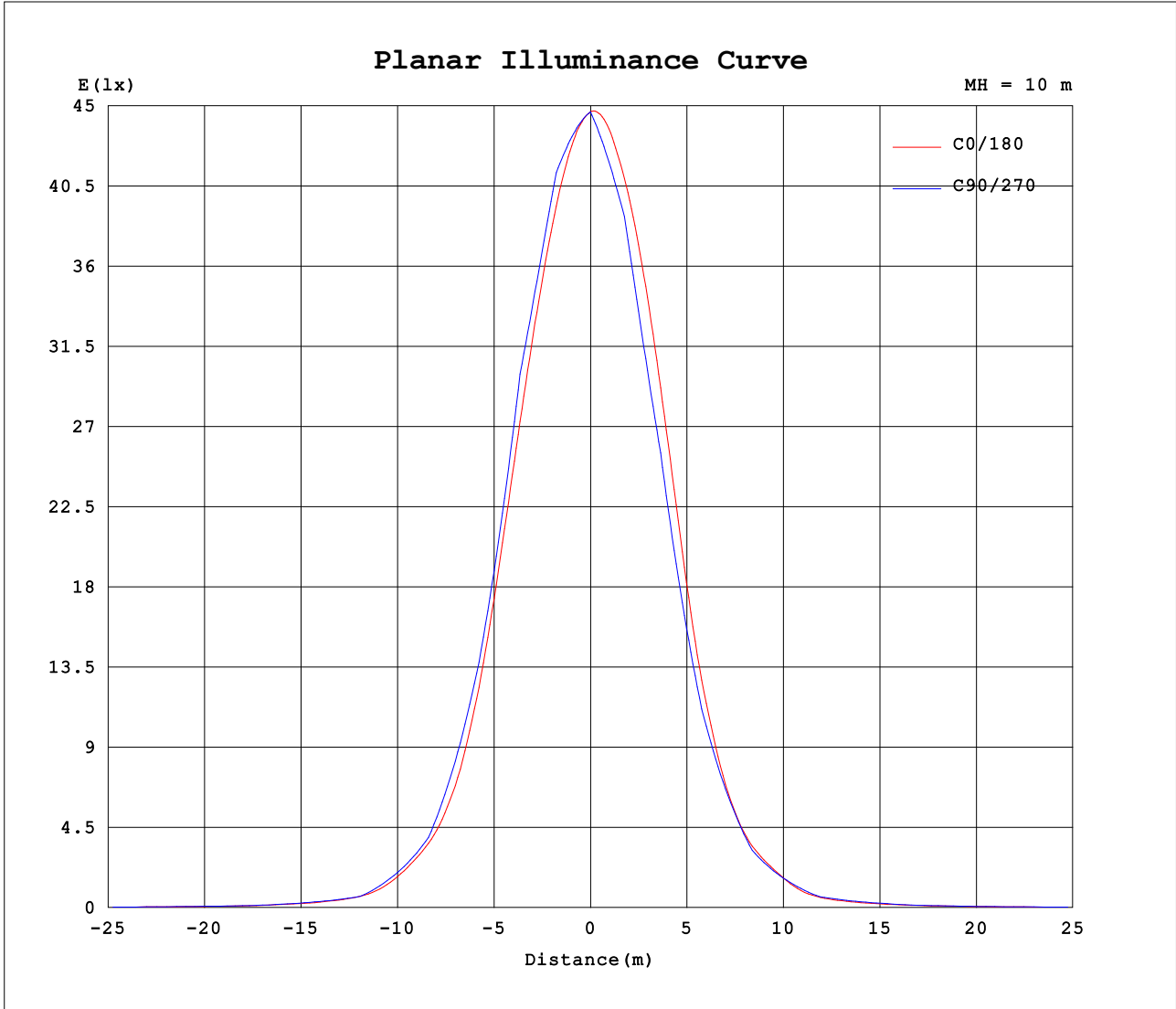
AvgL	cd/m2
L_0~180 (65) av	1907
L_0~180 (75) av	1999
L_0~180 (85) av	1311
L_90~270 (65) av	2051
L_90~270 (75) av	1897
L_90~270 (85) av	0
L_45 (65) av	1952
L_45 (75) av	2216
L_45 (85) av	1655

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZZJ
 Test Date:2014-09-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.810m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: ZZJ
 Test Date: 2014-09-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.810m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.8V I:0.1878A P:40.40W PF:0.9786 Lamp Flux:4221.56x1 lm		
NAME: THE LED High Bay LIGHT LIGHT	TYPE:LED	WEIGHT:3.25KG
SPEC.:C470SP-Q2-P-03A 230V50HZ	DIM.: 151*303.6*183MM	SERIAL No.:1
MFR.: AOK	SUR.:230*79MM	PROTECTION ANGLE:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467
5	4354	4350	4346	4344	4343	4343	4345	4347	4350	4353	4356	4360	4364	4369	4374	4378	4383	4388	4393
10	4122	4116	4113	4116	4122	4133	4144	4157	4172	4189	4207	4227	4247	4264	4278	4290	4301	4311	4319
15	3775	3767	3768	3779	3799	3827	3862	3900	3942	3941	3932	3928	3925	3928	3937	3943	3948	3955	3964
20	3290	3280	3288	3313	3355	3411	3461	3451	3449	3457	3471	3489	3506	3526	3545	3568	3584	3596	3609
25	2646	2637	2656	2702	2774	2805	2804	2822	2856	2905	2959	2952	2928	2904	2885	2871	2865	2859	2865
30	1904	1897	1925	1987	2033	2035	2062	2114	2173	2182	2185	2183	2173	2162	2148	2134	2127	2119	2122
35	1248	1239	1263	1316	1316	1329	1355	1395	1427	1442	1445	1440	1480	1507	1514	1507	1501	1497	1499
40	805	799	817	828	837	851	861	884	891	879	910	948	972	975	953	918	891	879	877
45	493	487	508	501	510	518	517	535	546	534	532	544	563	577	576	566	559	559	560
50	244	246	252	254	259	267	264	282	280	249	279	309	320	312	293	272	256	246	243
55	156	154	154	155	157	159	158	152	154	157	157	147	146	155	160	165	168	172	174
60	104	100	98.0	98.9	100	103	101	105	104	99.9	104	106	109	109	107	104	101	103	106
65	82.7	81.4	80.4	79.7	80.1	80.5	81.6	81.3	82.3	83.6	84.1	82.7	82.8	82.6	82.5	82.4	82.8	84.8	87.2
70	68.6	68.3	68.3	68.7	69.0	69.6	69.7	69.9	70.3	70.6	70.7	70.6	70.6	70.2	69.8	69.2	68.5	68.1	68.2
75	53.2	54.1	56.4	57.9	58.9	59.1	59.3	59.2	58.9	58.8	58.5	58.8	58.9	58.4	57.8	56.6	54.9	51.3	49.6
80	41.3	43.2	48.8	50.5	51.1	51.3	50.3	47.8	48.2	45.2	44.7	47.3	47.5	46.9	45.9	44.3	41.5	34.8	31.0
85	10.6	12.8	23.6	31.6	27.2	26.6	26.0	25.9	22.4	15.5	11.6	9.43	6.85	4.60	2.84	1.53	0.63	0.13	0.00
90	0.04	0.00	0.00	0.00	0.00	0.00	0.00	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: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZZJ
 Test Date:2014-09-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.810m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.8V I:0.1878A P:40.40W PF:0.9786 Lamp Flux:4221.56x1 lm		
NAME: THE LED High Bay LIGHT LIGHT	TYPE:LED	WEIGHT:3.25KG
SPEC.:C470SP-Q2-P-03A 230V50HZ	DIM.: 151*303.6*183MM	SERIAL No.:1
MFR.: AOK	SUR.:230*79MM	PROTECTION ANGLE:

Table--2

UNIT: cd

C (DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467
5	4396	4399	4401	4403	4405	4406	4408	4409	4410	4412	4414	4416	4418	4422	4426	4431	4437	4443	4426
10	4324	4325	4325	4323	4319	4312	4303	4294	4286	4277	4270	4265	4262	4260	4262	4266	4274	4284	4251
15	3971	3979	3988	3995	4003	4015	4030	4048	4070	4081	4051	4024	4003	3988	3979	3979	3987	4005	3954
20	3615	3620	3621	3620	3620	3620	3618	3612	3611	3611	3617	3625	3582	3532	3501	3488	3493	3516	3457
25	2877	2896	2922	2957	2999	3044	3091	3116	3067	3011	2963	2928	2907	2865	2800	2767	2768	2802	2741
30	2132	2150	2171	2200	2232	2261	2285	2294	2292	2282	2189	2102	2043	2012	1977	1937	1933	1967	1911
35	1508	1521	1537	1552	1553	1526	1468	1463	1457	1444	1411	1367	1325	1297	1284	1249	1239	1262	1220
40	887	907	941	977	1000	994	949	892	864	882	882	858	840	815	794	780	765	770	749
45	562	566	576	585	588	572	543	520	515	532	523	498	509	510	484	489	468	478	449
50	244	253	270	292	312	320	304	264	224	261	255	224	236	230	220	215	214	218	213
55	171	166	162	157	151	143	145	150	146	140	135	136	133	134	134	132	135	142	136
60	104	102	103	106	107	107	105	102	98.4	99.6	98.4	95.0	94.8	92.3	92.5	92.4	93.9	98.3	95.5
65	85.3	82.7	82.2	81.8	81.6	81.5	81.4	82.5	82.1	80.9	79.6	79.0	77.9	76.9	76.1	76.7	76.4	78.5	77.1
70	67.9	67.9	68.6	68.9	69.2	69.4	69.2	69.3	69.1	68.8	68.0	67.3	66.8	66.0	65.3	64.9	64.3	64.8	63.9
75	50.1	53.8	55.7	56.7	57.3	57.4	57.3	57.1	57.1	57.0	56.8	56.5	55.8	53.5	53.2	51.0	51.2	50.2	50.4
80	32.4	39.9	43.0	44.8	45.6	45.8	45.5	43.4	42.9	45.5	45.4	45.5	43.9	43.7	42.2	40.3	37.7	35.4	36.9
85	0.12	0.61	1.48	2.77	4.46	6.56	9.03	11.0	14.1	20.9	25.7	28.6	23.8	26.5	29.6	23.1	13.2	12.3	17.0
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	0.03	0.00

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZZJ
 Test Date:2014-09-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.810m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.8V I:0.1878A P:40.40W PF:0.9786 Lamp Flux:4221.56x1 lm		
NAME: THE LED High Bay LIGHT LIGHT	TYPE:LED	WEIGHT:3.25KG
SPEC.:C470SP-Q2-P-03A 230V50HZ	DIM.: 151*303.6*183MM	SERIAL No.:1
MFR.: AOK	SUR.:230*79MM	PROTECTION ANGLE:

Table--3

UNIT: cd

C (DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467
5	4409	4393	4377	4363	4350	4339	4328	4318	4309	4301	4293	4287	4281	4275	4271	4267	4264	4260	4257
10	4220	4193	4170	4151	4134	4121	4111	4104	4098	4093	4088	4082	4077	4073	4069	4065	4061	4055	4049
15	3913	3880	3857	3841	3833	3828	3827	3786	3739	3700	3666	3639	3617	3598	3584	3574	3568	3564	3561
20	3416	3392	3384	3391	3388	3333	3281	3240	3202	3167	3136	3114	3099	3091	3083	3079	3075	3070	3066
25	2711	2711	2736	2725	2681	2652	2635	2628	2619	2582	2531	2485	2451	2427	2412	2401	2396	2395	2399
30	1890	1904	1909	1891	1887	1895	1912	1906	1892	1868	1833	1798	1766	1744	1730	1721	1716	1718	1725
35	1212	1230	1211	1203	1198	1214	1226	1221	1200	1170	1200	1222	1226	1224	1221	1218	1216	1217	1218
40	749	744	745	749	744	755	753	729	737	759	781	786	773	751	733	720	716	720	732
45	451	436	436	438	423	424	445	437	420	419	443	468	476	475	473	472	473	473	475
50	212	215	219	221	212	227	235	209	225	249	268	272	263	250	238	231	230	234	244
55	136	139	137	137	137	137	140	144	145	143	146	152	157	159	161	164	168	166	165
60	94.5	95.0	94.5	96.0	94.2	97.6	97.9	96.4	102	106	107	107	105	102	100	102	105	103	101
65	77.4	76.6	77.0	77.3	77.6	77.3	78.3	79.7	80.5	79.6	80.3	80.8	81.0	81.2	81.8	83.7	86.1	84.2	82.1
70	64.1	64.5	65.0	65.4	65.8	66.2	66.7	66.9	67.2	67.7	68.1	68.0	67.8	67.4	67.3	66.8	67.1	67.0	67.5
75	52.1	53.5	54.3	54.6	55.0	55.3	55.3	55.5	55.3	55.9	56.1	56.0	55.5	54.6	53.3	49.6	48.6	49.1	53.2
80	41.1	43.3	44.2	43.4	43.8	43.8	44.4	41.2	40.8	43.8	44.3	44.2	43.6	42.1	39.6	32.5	30.1	31.2	39.1
85	25.2	30.0	24.3	23.6	24.5	24.2	20.5	13.5	10.3	8.62	6.32	4.32	2.69	1.45	0.60	0.12	0.00	0.12	0.60
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

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZZJ
 Test Date:2014-09-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.810m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.8V I:0.1878A P:40.40W PF:0.9786 Lamp Flux:4221.56x1 lm		
NAME: THE LED High Bay LIGHT LIGHT	TYPE:LED	WEIGHT:3.25KG
SPEC.:C470SP-Q2-P-03A 230V50HZ	DIM.: 151*303.6*183MM	SERIAL No.:1
MFR.: AOK	SUR.:230*79MM	PROTECTION ANGLE:

Table--4

UNIT: cd

C (DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467	4467				
5	4254	4253	4253	4253	4254	4257	4261	4266	4273	4279	4288	4298	4310	4323	4338				
10	4041	4033	4027	4022	4016	4012	4010	4008	4009	4014	4022	4033	4048	4068	4093				
15	3563	3569	3581	3596	3614	3637	3665	3687	3673	3665	3664	3669	3681	3703	3734				
20	3064	3069	3073	3080	3089	3102	3123	3147	3179	3221	3211	3194	3193	3208	3240				
25	2413	2433	2456	2486	2520	2546	2538	2535	2542	2561	2594	2603	2579	2573	2596				
30	1741	1758	1778	1803	1830	1852	1868	1874	1857	1847	1858	1880	1870	1850	1860				
35	1223	1221	1212	1194	1174	1207	1231	1234	1221	1214	1217	1224	1240	1217	1217				
40	749	766	777	776	768	763	761	773	776	772	778	779	784	788	786				
45	477	475	464	440	428	449	465	467	447	454	468	465	471	487	477				
50	260	275	283	282	270	256	243	262	255	241	248	241	242	246	241				
55	167	169	169	167	165	166	165	161	154	154	153	151	150	150	152				
60	104	109	114	117	117	114	107	107	105	99.5	101	97.7	97.0	96.5	98.6				
65	82.1	82.0	81.9	81.6	81.9	84.8	84.5	82.5	80.8	80.6	79.5	79.1	78.8	79.2	80.6				
70	68.4	69.0	69.3	69.5	69.7	69.9	69.8	69.6	69.1	68.8	68.6	68.1	67.9	67.7	68.0				
75	55.3	56.5	57.2	57.6	57.7	57.7	57.9	58.1	58.3	58.2	58.0	58.2	57.6	56.6	54.6				
80	42.5	44.2	45.3	45.9	45.7	43.5	43.7	47.1	47.3	48.6	49.6	49.6	50.6	49.5	45.1				
85	1.46	2.73	4.43	6.58	9.08	11.1	14.5	22.0	26.3	29.0	24.4	28.0	32.4	28.2	20.3				
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				

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:ZZJ
 Test Date:2014-09-24

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.810m [K=1.0000]
 Remarks: