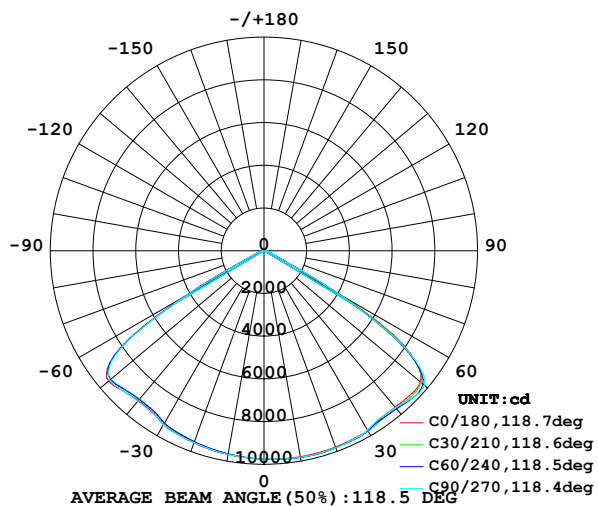


LUMINAIRE PHOTOMETRIC TEST REPORT

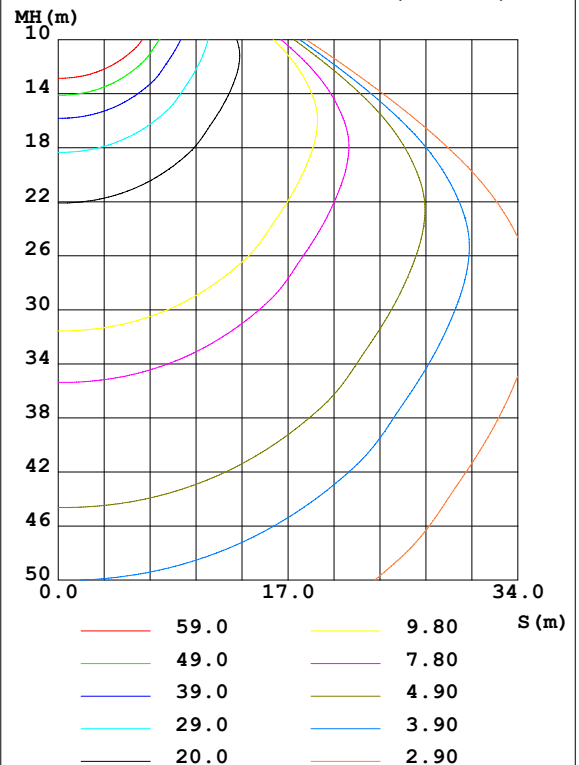
Test:U:220.2V I:0.9485A P:203.7W PF:0.9753 Lamp Flux:30027.4x1 lm		
NAME: oH High Bay Light	TYPE:LED	WEIGHT:6.0KG
SPEC.:AOK-200WoH	DIM.: $\phi 0.4 \times 0.141\text{m}$	SERIAL No.:1
MFR.: AOK	SUR.: $\phi 0.29\text{m}$	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 147.42 lm/W			
MODEL	3030	I _{max} (cd)	9852	S/MH (C0/180)	1.45
NOMINAL POWER (W)	200	LOR (%)	100.0	S/MH (C90/270)	1.45
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	30027	η UP, DN (C0-180)	0.1, 50.2
NOMINAL FLUX (lm)	30027.4	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.1, 49.6
LAMPS INSIDE	1	η up (%)	0.3	CIBSE SHR NOM	1.75
TEST VOLTAGE (V)	220	η down (%)	99.7	CIBSE SHR MAX	1.75

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: OUYANG
Test Date: 2017-11-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity: 65.0%
Test Distance: 7.633m [K=1.0284]
Remarks: 3030

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	9792	9826	9819	9760	9690	9658	9678	9736	0- 10	930.7	930.7	3.1,3.1
20	9776	9817	9822	9729	9581	9516	9570	9693	10- 20	2755	3686	12.3,12.3
30	9712	9740	9700	9599	9401	9319	9414	9617	20- 30	4460	8146	27.1,27.1
40	9559	9640	9586	9402	9157	9077	9191	9385	30- 40	5913	14059	46.8,46.8
50	9555	9658	9799	9676	9494	9374	9427	9446	40- 50	7350	21408	71.3,71.3
60	4175	3841	3774	3729	4156	4296	4208	4274	50- 60	6975	28384	94.5,94.5
70	426.4	430.1	425.6	407.7	401.6	396.1	394.2	405.8	60- 70	1236	29620	98.6,98.6
80	153.2	156.7	151.7	137.9	126.0	124.1	125.6	146.0	70- 80	285.2	29905	99.6,99.6
90	0.7682	0.7384	0.7086	0.7430	0.4975	0.5021	0.5109	0.4876	80- 90	44.86	29950	99.7,99.7
100	1.460	1.467	1.436	1.459	0.9031	0.9044	0.9017	0.8606	90-100	0.8700	29951	99.7,99.7
110	6.587	6.608	6.470	6.500	4.554	4.439	4.401	4.359	100-110	3.021	29954	99.8,99.8
120	14.13	14.08	13.97	14.04	11.77	11.72	11.77	11.70	110-120	9.104	29963	99.8,99.8
130	19.61	19.49	19.57	19.80	17.66	17.70	17.72	17.57	120-130	14.31	29977	99.8,99.8
140	22.09	21.91	22.09	22.39	21.63	21.70	21.66	21.43	130-140	15.71	29993	99.9,99.9
150	22.97	22.82	22.99	23.31	23.14	23.26	23.23	22.94	140-150	14.18	30007	99.9,99.9
160	24.35	24.21	24.31	24.58	24.19	24.29	24.21	23.98	150-160	10.91	30018	100,100
170	25.91	25.85	25.90	26.02	25.73	25.78	25.77	25.65	160-170	7.083	30025	100,100
180	26.06	26.06	26.05	26.03	26.07	26.06	26.06	26.04	170-180	2.480	30027	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

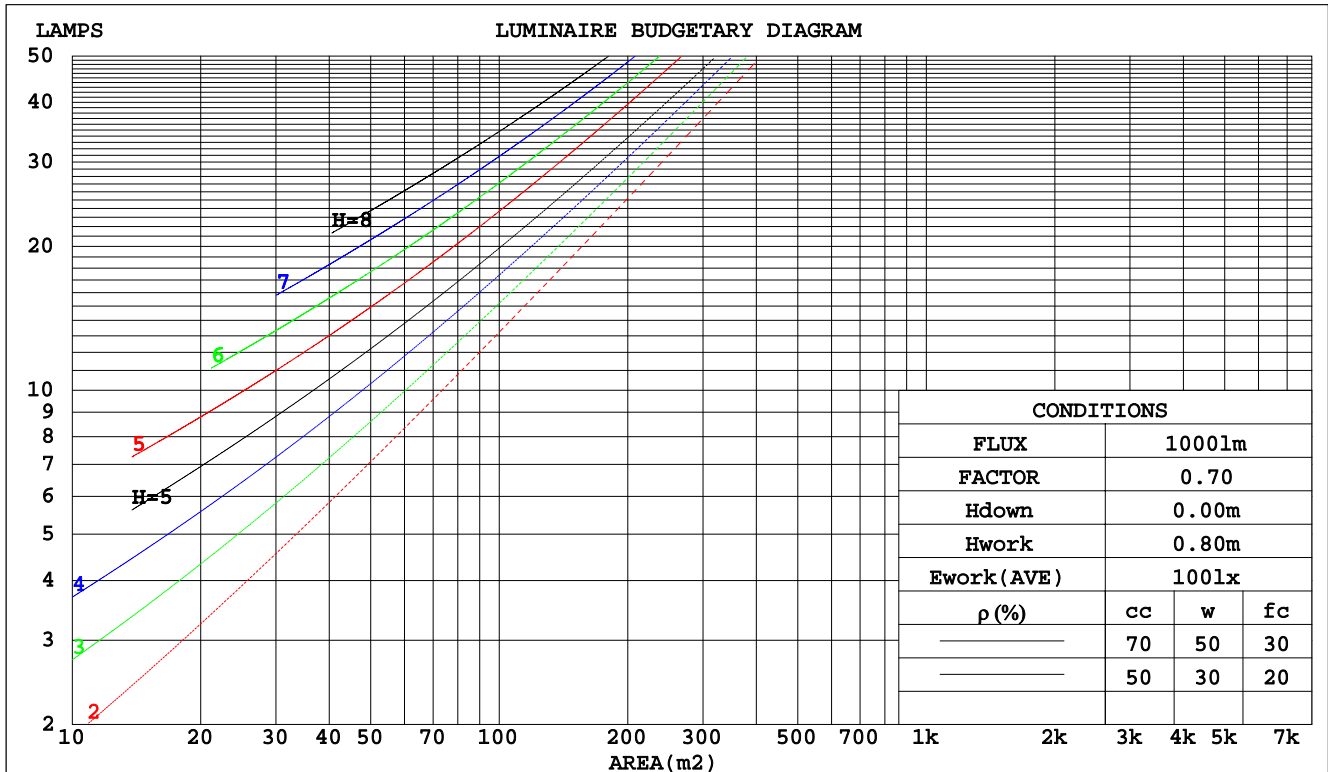
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:OUYANG
 Test Date:2017-11-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.633m [K=1.0284]
 Remarks: 3030

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.2V I:0.9485A P:203.7W PF:0.9753 Lamp Flux:30027.4x1 lm		
NAME: oH High Bay Light	TYPE:LED	WEIGHT:6.0KG
SPEC.:AOK-200WoH	DIM.: $\phi 0.4 \times 0.141\text{m}$	SERIAL No.:1
MFR.: AOK	SUR.: $\phi 0.29\text{m}$	PROTECTION 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	.00
1.0	1.07	1.03	1.00	1.05	1.01	.98	1.00	.98	.95	.96	.94	.92	.93	.91	.90	.88
2.0	.95	.89	.84	.93	.87	.83	.89	.85	.81	.86	.82	.79	.83	.80	.77	.75
3.0	.84	.77	.71	.82	.76	.70	.79	.74	.69	.77	.72	.68	.74	.70	.66	.64
4.0	.74	.66	.60	.73	.66	.60	.71	.64	.59	.68	.63	.58	.66	.61	.57	.55
5.0	.66	.58	.52	.65	.57	.51	.63	.56	.51	.61	.55	.50	.59	.54	.50	.48
6.0	.60	.51	.45	.59	.51	.45	.57	.50	.44	.55	.49	.44	.54	.48	.43	.41
7.0	.54	.45	.39	.53	.45	.39	.51	.44	.39	.50	.43	.39	.49	.43	.38	.36
8.0	.49	.40	.35	.48	.40	.35	.47	.40	.34	.45	.39	.34	.44	.38	.34	.32
9.0	.44	.36	.31	.44	.36	.31	.43	.36	.31	.42	.35	.31	.41	.35	.30	.29
10.0	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.27	.37	.32	.27	.26



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:OUYANG
 Test Date:2017-11-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:7.633m [K=1.0284]
 Remarks: 3030

WEC AND CCEC

Test:U:220.2V I:0.9485A P:203.7W PF:0.9753 Lamp Flux:30027.4x1 lm		
NAME: oH High Bay Light	TYPE:LED	WEIGHT:6.0KG
SPEC.:AOK-200WoH	DIM.: ϕ 0.4*0.141m	SERIAL No.:1
MFR.: AOK	SUR.: ϕ 0.29m	PROTECTION 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	.253	.144	.046	.246	.140	.045	.233	.133	.043	.221	.127	.041	.209	.121	.039		
2.0	.251	.137	.042	.244	.135	.041	.233	.130	.040	.222	.125	.039	.213	.120	.038		
3.0	.241	.128	.038	.235	.126	.038	.225	.122	.037	.216	.118	.036	.207	.115	.036		
4.0	.229	.119	.035	.224	.117	.035	.215	.114	.034	.207	.111	.033	.199	.108	.033		
5.0	.216	.110	.032	.212	.109	.032	.204	.106	.031	.196	.104	.031	.189	.101	.030		
6.0	.203	.102	.029	.200	.101	.029	.192	.099	.029	.186	.097	.028	.179	.094	.028		
7.0	.192	.095	.027	.188	.094	.027	.182	.092	.026	.176	.090	.026	.170	.088	.026		
8.0	.181	.088	.025	.178	.087	.025	.172	.086	.024	.166	.084	.024	.161	.083	.024		
9.0	.170	.082	.023	.168	.082	.023	.162	.080	.023	.157	.079	.023	.153	.078	.022		
10.0	.161	.077	.021	.159	.077	.021	.154	.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	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.178	.159	.141	.153	.136	.121	.104	.094	.084	.060	.054	.049	.019	.017	.016	
2.0	.169	.134	.105	.145	.115	.091	.099	.080	.063	.057	.046	.037	.018	.015	.012	
3.0	.161	.116	.080	.138	.100	.070	.095	.070	.049	.055	.041	.029	.018	.013	.009	
4.0	.154	.103	.063	.132	.089	.055	.091	.062	.039	.053	.036	.023	.017	.012	.008	
5.0	.147	.092	.051	.126	.080	.045	.087	.056	.032	.050	.033	.019	.016	.011	.006	
6.0	.141	.084	.043	.121	.072	.037	.084	.051	.026	.048	.030	.016	.016	.010	.005	
7.0	.135	.077	.036	.116	.067	.032	.080	.047	.022	.047	.028	.013	.015	.009	.004	
8.0	.129	.071	.031	.111	.062	.027	.077	.043	.019	.045	.026	.012	.014	.008	.004	
9.0	.123	.066	.028	.106	.057	.024	.074	.040	.017	.043	.024	.010	.014	.008	.003	
10.0	.118	.062	.025	.102	.054	.022	.071	.038	.015	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:OUYANG
Test Date:2017-11-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:7.633m [K=1.0284]
Remarks: 3030

UGR(Unified Glare Rating) Table

Test:U:220.2V I:0.9485A P:203.7W PF:0.9753 Lamp Flux:30027.4x1 lm										
NAME: oH High Bay Light					TYPE:LED			WEIGHT:6.0KG		
SPEC.:AOK-200WoH					DIM.: $\phi 0.4 \times 0.141m$			SERIAL No.:1		
MFR.: AOK					SUR.: $\phi 0.29m$			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	30.0	31.4	30.2	31.6	31.8	29.9	31.3	30.1	31.5	31.7
3H	29.8	31.1	30.1	31.3	31.6	29.7	31.0	30.0	31.2	31.5
4H	29.7	30.9	30.0	31.2	31.4	29.6	30.8	29.9	31.1	31.3
6H	29.6	30.8	29.9	31.0	31.3	29.5	30.7	29.8	30.9	31.2
8H	29.6	30.7	29.9	31.0	31.2	29.5	30.6	29.8	30.9	31.1
12H	29.5	30.6	29.9	30.9	31.2	29.4	30.5	29.8	30.8	31.1
4H 2H	29.9	31.2	30.3	31.4	31.7	29.9	31.1	30.2	31.3	31.6
3H	29.8	30.9	30.1	31.1	31.5	29.7	30.8	30.1	31.1	31.4
4H	29.7	30.7	30.1	31.0	31.3	29.6	30.6	30.0	30.9	31.2
6H	29.7	30.5	30.1	30.8	31.2	29.6	30.4	30.0	30.8	31.1
8H	29.6	30.4	30.0	30.8	31.1	29.5	30.3	29.9	30.7	31.1
12H	29.6	30.3	30.0	30.7	31.1	29.5	30.2	29.9	30.6	31.0
8H 4H	29.6	30.4	30.0	30.7	31.1	29.5	30.3	29.9	30.7	31.0
6H	29.6	30.2	30.0	30.6	31.0	29.5	30.1	29.9	30.5	30.9
8H	29.5	30.1	30.0	30.5	31.0	29.4	30.0	29.9	30.4	30.9
12H	29.5	30.0	30.0	30.4	30.9	29.4	29.9	29.9	30.3	30.8
12H 4H	29.6	30.3	30.0	30.7	31.1	29.5	30.2	29.9	30.6	31.0
6H	29.5	30.1	30.0	30.5	30.9	29.4	30.0	29.9	30.4	30.9
8H	29.5	30.0	30.0	30.4	30.9	29.4	29.9	29.9	30.3	30.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.8 / - 0.6					+ 0.6 / - 0.4				
1.5H	+ 1.5 / - 3.1					+ 1.4 / - 3.0				
2.0H	+ 2.1 / - 8.8					+ 2.3 / - 8.4				

CIE Pub.117 Corrected 30027 lm Total Lamp Luminous Flux.(8log(F/F0) = 11.8)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:OUYANG
Test Date:2017-11-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:7.633m [K=1.0284]
Remarks: 3030

UTILIZATION FACTORS TABLE

Test:U:220.2V I:0.9485A P:203.7W PF:0.9753 Lamp Flux:30027.4x1 lm		
NAME: oH High Bay Light	TYPE:LED	WEIGHT:6.0KG
SPEC.:AOK-200WoH	DIM.: $\phi 0.4 \times 0.141m$	SERIAL No.:1
MFR.: AOK	SUR.: $\phi 0.29m$	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) x RCR = 5									
k = 0.60	56	45	37	56	44	37	54	44	37	31
0.80	69	57	50	68	57	50	66	56	49	43
1.00	79	69	62	78	68	62	76	69	61	54
1.25	87	78	71	86	77	71	83	75	70	63
1.50	92	83	77	91	83	77	88	81	76	69
2.00	99	92	86	97	91	85	94	88	84	77
2.50	102	95	90	100	94	89	96	92	87	80
3.00	105	99	95	103	98	93	99	95	91	83
4.00	108	103	99	106	102	98	102	98	95	87
5.00	110	106	102	108	104	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: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:OUYANG
Test Date:2017-11-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:7.633m [K=1.0284]
Remarks: 3030

ISOCANDELA DIAGRAM

Test:U:220.2V I:0.9485A P:203.7W PF:0.9753 Lamp Flux:30027.4x1 lm		
NAME: oH High Bay Light	TYPE:LED	WEIGHT:6.0KG
SPEC.:AOK-200WoH	DIM.: $\phi 0.4 \times 0.141\text{m}$	SERIAL No.:1
MFR.: AOK	SUR.: $\phi 0.29\text{m}$	PROTECTION ANGLE:

Conical surface Flux(90deg):

17550 lm

%lum = 58.4%

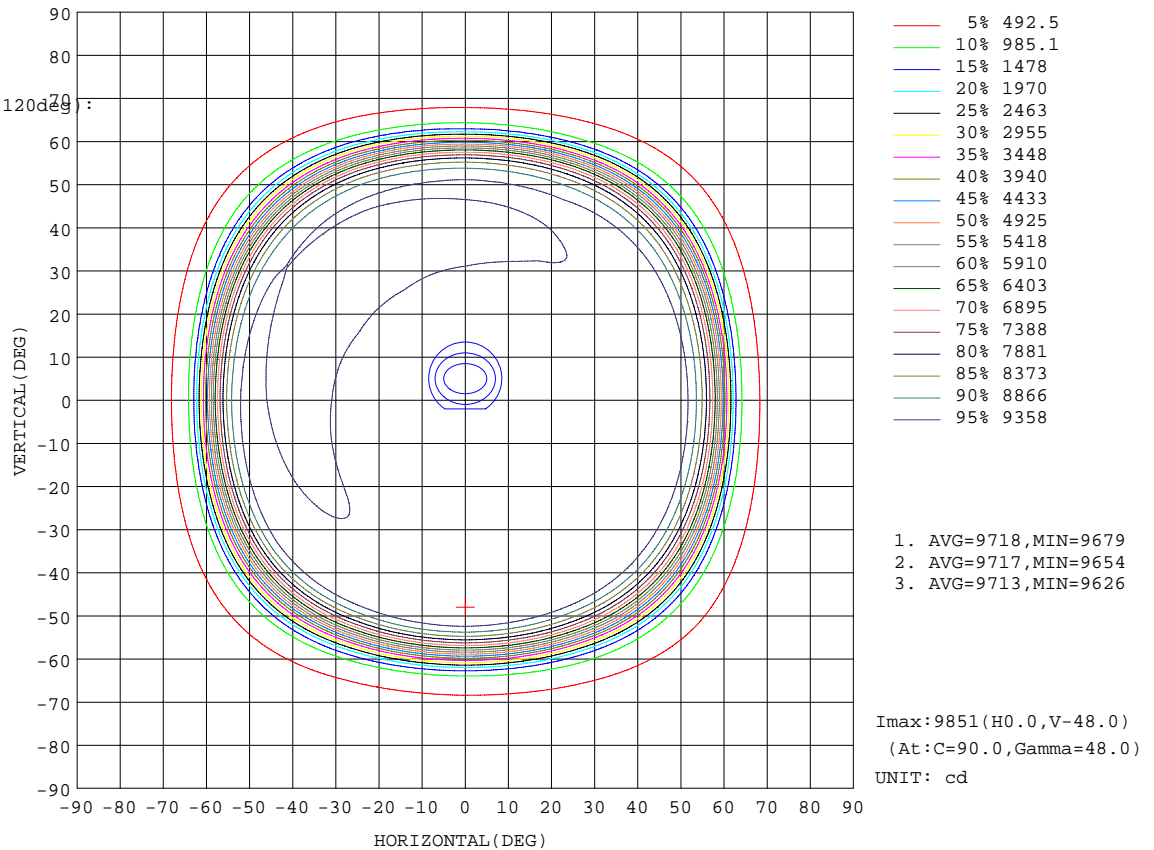
%lamp = 58.4%

Conical surface Flux(120deg):

28384 lm

%lum = 94.5%

%lamp = 94.5%



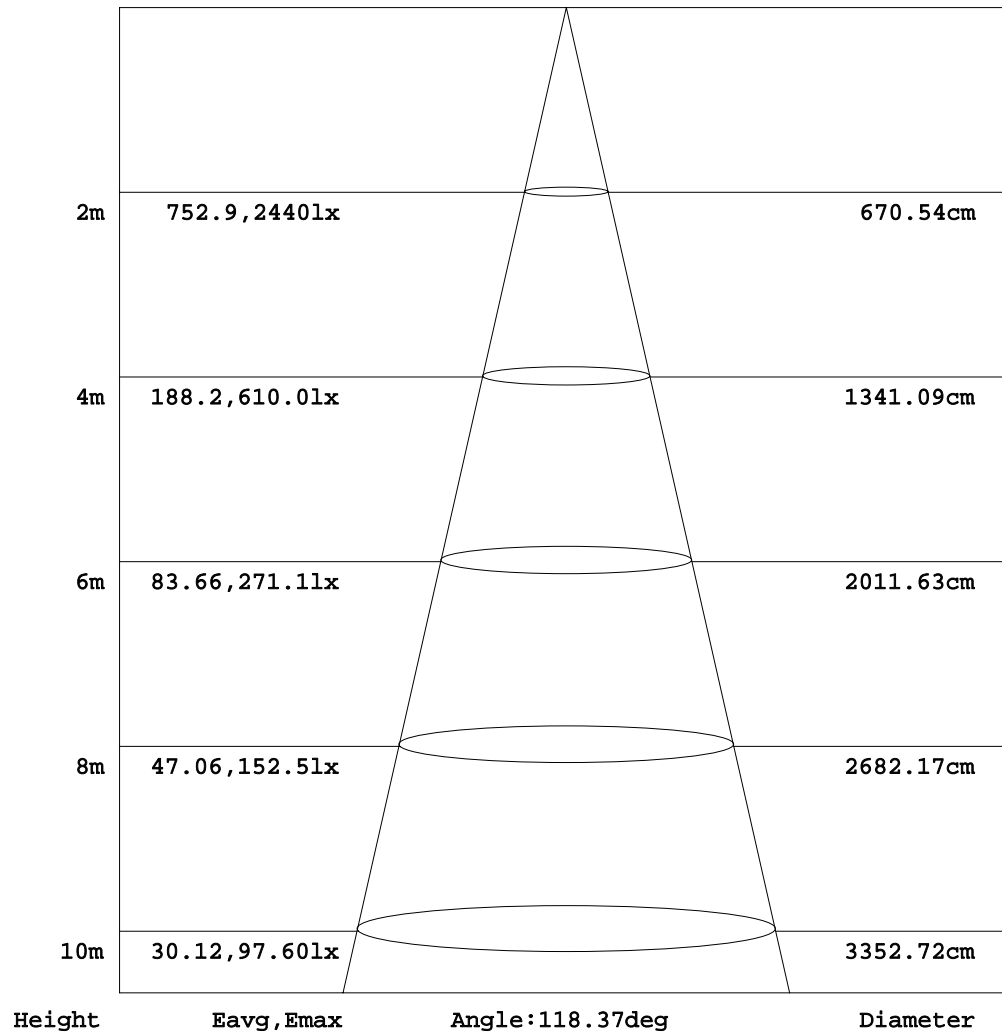
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:OUYANG
Test Date:2017-11-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:7.633m [K=1.0284]
Remarks: 3030

AAI Figure

Test:U:220.2V I:0.9485A P:203.7W PF:0.9753 Lamp Flux:30027.4x1 lm		
NAME: oH High Bay Light	TYPE:LED	WEIGHT:6.0KG
SPEC.:AOK-200WoH	DIM.: $\phi 0.4 \times 0.141\text{m}$	SERIAL No.:1
MFR.: AOK	SUR.: $\phi 0.29\text{m}$	PROTECTION ANGLE:

Flux out:28384 lm



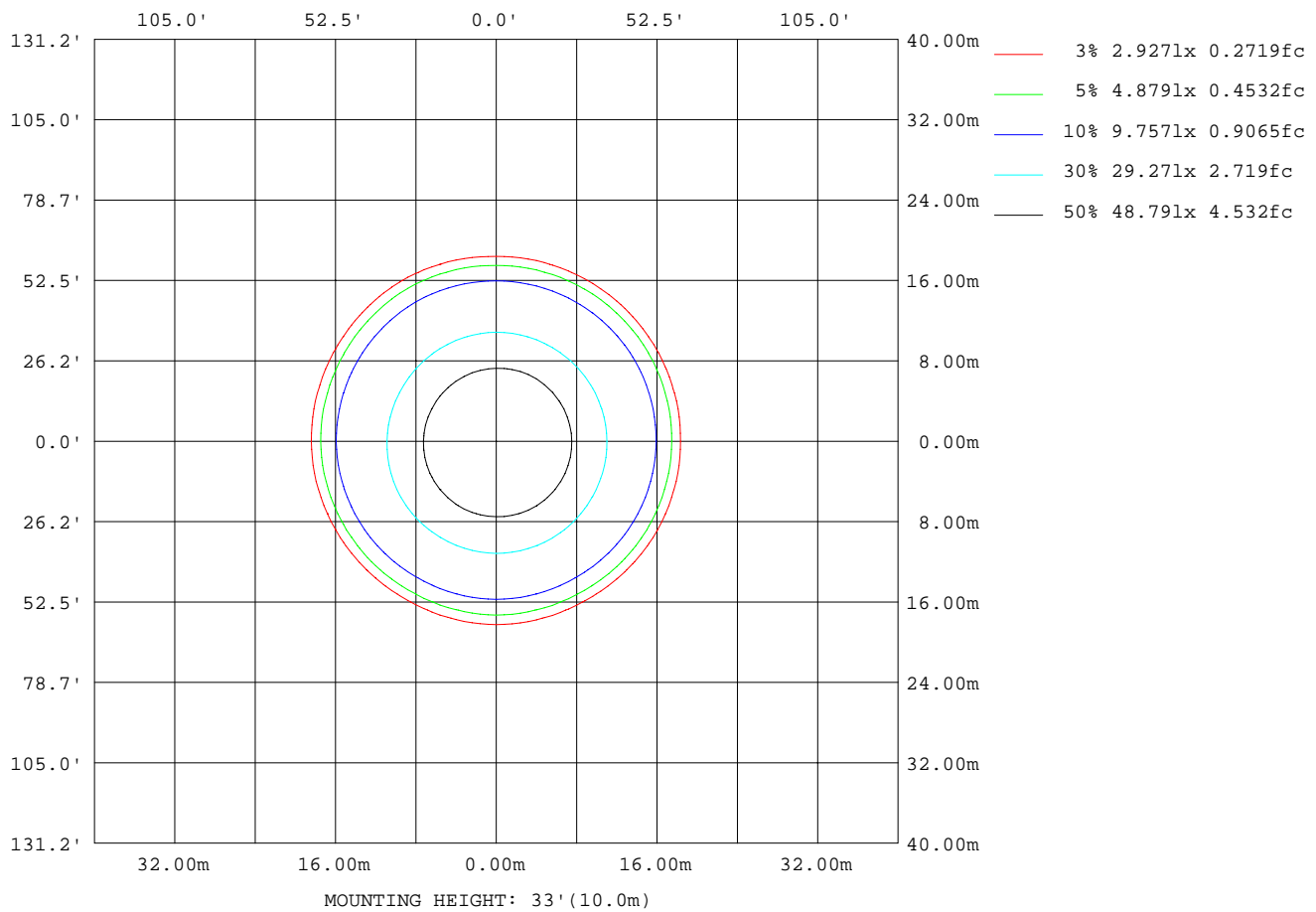
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: OUYANG
 Test Date: 2017-11-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 7.633m [K=1.0284]
 Remarks: 3030

ISOLUX DIAGRAM

Test:U:220.2V I:0.9485A P:203.7W PF:0.9753 Lamp Flux:30027.4x1 lm		
NAME: oH High Bay Light	TYPE:LED	WEIGHT:6.0KG
SPEC.:AOK-200WoH	DIM.: $\phi 0.4 \times 0.141\text{m}$	SERIAL No.:1
MFR.: AOK	SUR.: $\phi 0.29\text{m}$	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:OUYANG
Test Date:2017-11-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:7.633m [K=1.0284]
Remarks: 3030

LED Avg.L Report

Test:U:220.2V I:0.9485A P:203.7W PF:0.9753 Lamp Flux:30027.4x1 lm		
NAME: oH High Bay Light	TYPE:LED	WEIGHT:6.0KG
SPEC.:AOK-200WoH	DIM.: $\phi 0.4 \times 0.141m$	SERIAL No.:1
MFR.: AOK	SUR.: $\phi 0.29m$	PROTECTION ANGLE:

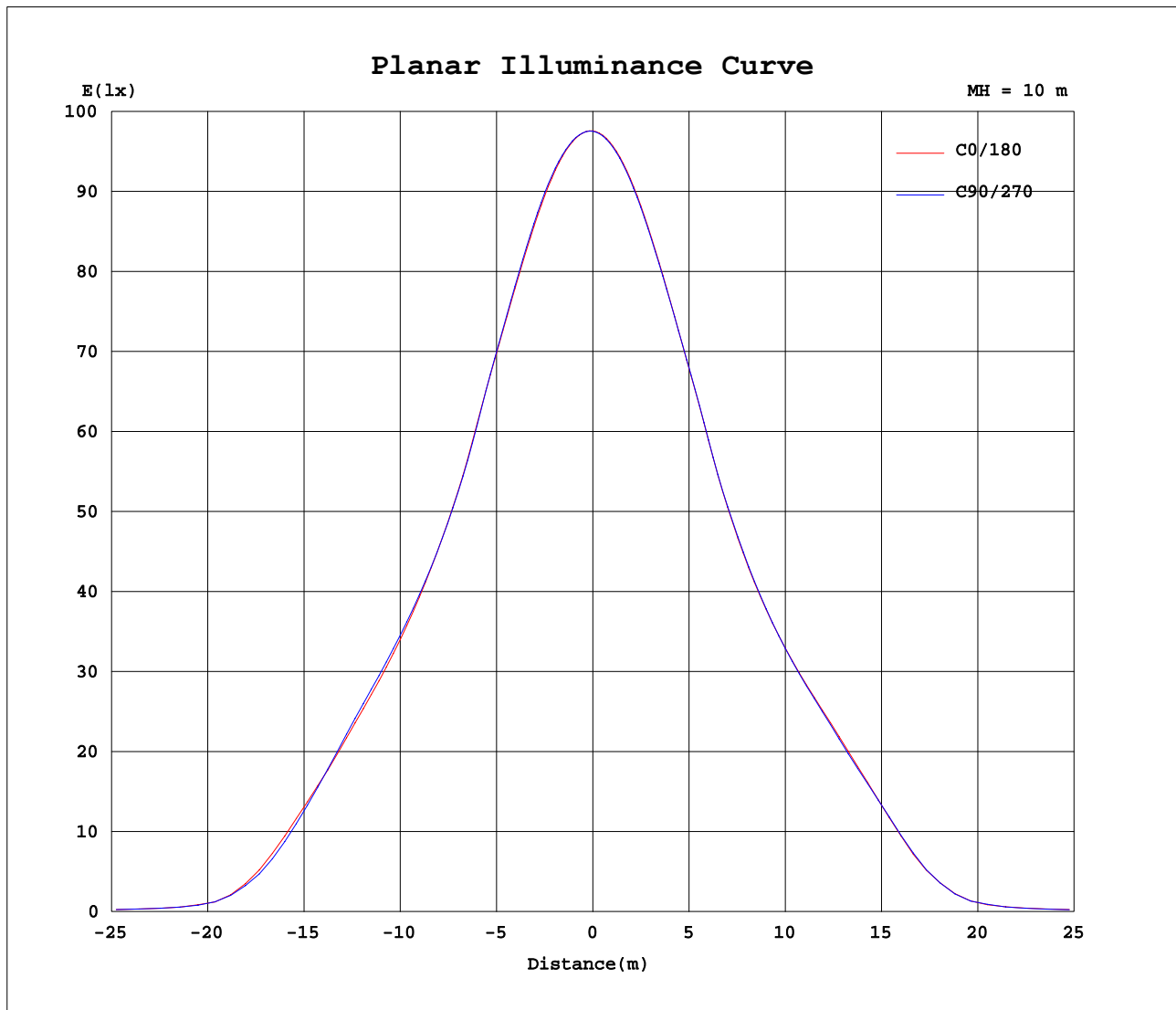
AvgL	cd/m2
L_0~180 (65) av	18425
L_0~180 (75) av	10400
L_0~180 (85) av	2644
L_90~270 (65) av	18292
L_90~270 (75) av	10363
L_90~270 (85) av	2772
L_45 (65) av	18384
L_45 (75) av	10352
L_45 (85) av	2691

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:OUYANG
Test Date:2017-11-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:7.633m [K=1.0284]
Remarks: 3030

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: OUYANG
Test Date: 2017-11-28

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity: 65.0%
Test Distance: 7.633m [K=1.0284]
Remarks: 3030

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.2V I:0.9485A P:203.7W PF:0.9753 Lamp Flux:30027.4x1 lm																	
NAME: oH High Bay Light									TYPE:LED						WEIGHT:6.0KG		
SPEC.:AOK-200WoH									DIM.: ϕ 0.4*0.141m						SERIAL No.:1		
MFR.: AOK									SUR.: ϕ 0.29m						PROTECTION ANGLE:		

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	9754	9754	9754	9754	9754	9754	9754	9754	9754	9754	9754	9754						
5	9776	9790	9793	9788	9770	9749	9726	9712	9710	9719	9737	9758						
10	9792	9821	9830	9819	9785	9735	9690	9660	9656	9678	9714	9757						
15	9792	9829	9845	9838	9788	9718	9644	9595	9591	9627	9688	9749						
20	9776	9807	9827	9822	9774	9683	9581	9516	9515	9570	9657	9728						
25	9754	9779	9799	9785	9734	9627	9504	9429	9434	9513	9624	9704						
30	9712	9757	9723	9700	9656	9541	9401	9321	9317	9414	9573	9661						
35	9548	9636	9619	9534	9477	9323	9189	9102	9113	9215	9383	9472						
40	9559	9619	9661	9586	9483	9321	9157	9065	9088	9191	9328	9441						
45	9615	9693	9788	9772	9638	9502	9307	9192	9211	9304	9387	9515						
50	9555	9599	9716	9799	9679	9674	9494	9359	9389	9427	9398	9495						
55	8342	8279	8172	8255	8198	8427	8542	8520	8564	8466	8394	8421						
60	4175	3998	3685	3774	3609	3849	4156	4193	4399	4208	4257	4291						
65	757	807	788	766	725	756	800	825	850	780	733	732						
70	426	435	425	426	412	403	402	396	396	394	400	412						
75	284	291	281	283	271	260	255	251	250	254	265	274						
80	153	161	153	152	144	132	126	125	123	126	142	150						
85	25.8	27.3	26.0	27.9	25.9	23.7	20.3	18.1	19.1	20.4	23.1	24.5						
90	0.77	0.72	0.76	0.71	0.76	0.72	0.50	0.52	0.48	0.51	0.47	0.50						
95	0.90	0.87	0.89	0.87	0.89	0.89	0.64	0.65	0.62	0.63	0.60	0.60						
100	1.46	1.44	1.49	1.44	1.47	1.45	0.90	0.92	0.89	0.90	0.86	0.86						
105	3.36	3.32	3.44	3.29	3.36	3.32	1.99	1.98	1.89	1.91	1.82	1.88						
110	6.59	6.53	6.69	6.47	6.53	6.47	4.55	4.52	4.36	4.40	4.28	4.44						
115	10.5	10.4	10.6	10.4	10.4	10.4	8.16	8.12	7.94	8.03	7.90	8.09						
120	14.1	14.0	14.1	14.0	14.0	14.0	11.8	11.8	11.7	11.8	11.6	11.8						
125	17.2	17.1	17.2	17.2	17.3	17.4	15.1	15.1	15.0	15.1	14.9	15.0						
130	19.6	19.4	19.5	19.6	19.7	19.9	17.7	17.7	17.7	17.7	17.6	17.6						
135	21.0	20.8	20.9	21.0	21.2	21.4	19.6	19.7	19.7	19.7	19.5	19.4						
140	22.1	21.9	21.9	22.1	22.3	22.5	21.6	21.7	21.7	21.7	21.5	21.4						
145	22.6	22.4	22.4	22.6	22.8	23.0	22.7	22.8	22.8	22.8	22.6	22.5						
150	23.0	22.8	22.8	23.0	23.2	23.4	23.1	23.2	23.3	23.2	23.1	22.8						
155	23.5	23.4	23.4	23.5	23.7	23.9	23.6	23.7	23.7	23.6	23.5	23.2						
160	24.3	24.2	24.2	24.3	24.5	24.7	24.2	24.3	24.3	24.2	24.1	23.9						
165	25.2	25.1	25.1	25.2	25.3	25.5	25.0	25.0	25.0	25.0	24.9	24.7						
170	25.9	25.9	25.8	25.9	26.0	26.1	25.7	25.8	25.8	25.8	25.7	25.6						
175	26.0	26.0	26.0	26.0	26.1	26.1	26.0	26.1	26.0	26.1	26.0	25.9						
180	26.1	26.1	26.1	26.1	26.0	26.0	26.1	26.1	26.1	26.1	26.0	26.0						

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