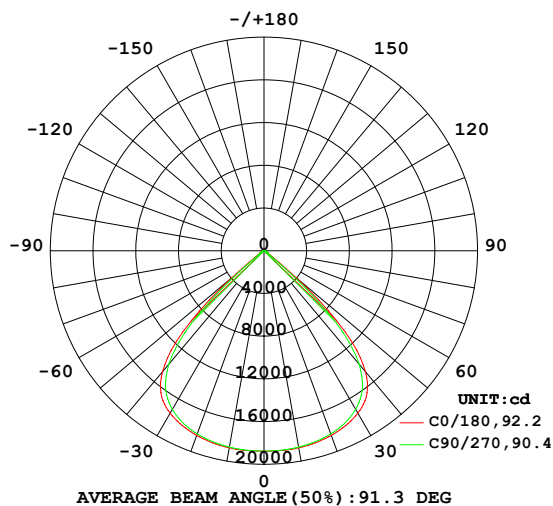


LUMINAIRE PHOTOMETRIC TEST REPORT

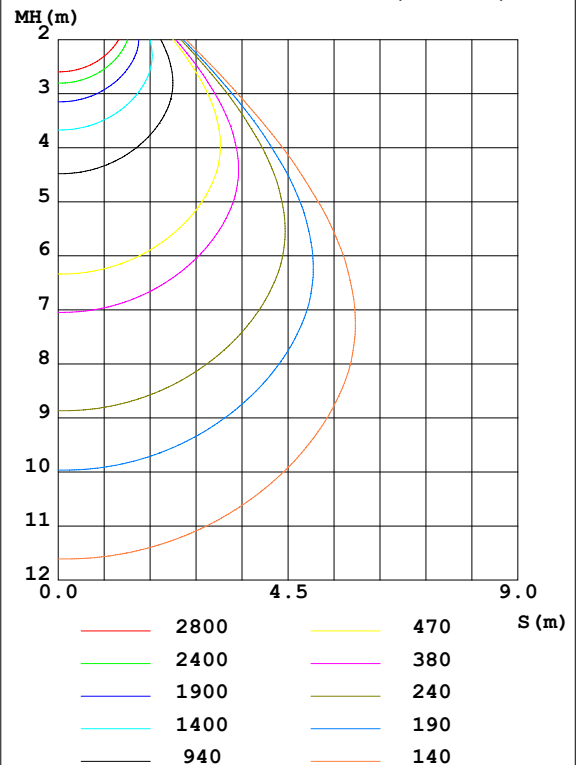
Test:U:219.84V I:0.9485A P:202.95W PF:0.9733 Freq:49.99Hz Lamp Flux:34529.7x1 lm					
NAME: LED Hight Bay Light			TYPE:LED		WEIGHT:6.6kg
SPEC.:AOK-240WoH			DIM.: $\phi 0.4 \times 0.141M$		SERIAL No.:
MFR.: AOK			SUR.: $\phi 0.24M$		Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 170.14 lm/W			
MODEL	5050	I _{max} (cd)	18785	S/MH (C0/180)	1.35
NOMINAL POWER (W)	240	LOR (%)	100.0	S/MH (C90/270)	1.31
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	34530	η UP,DN (C0-180)	0.0,50.0
NOMINAL FLUX (lm)	34529.7	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: 2017-12-12

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:

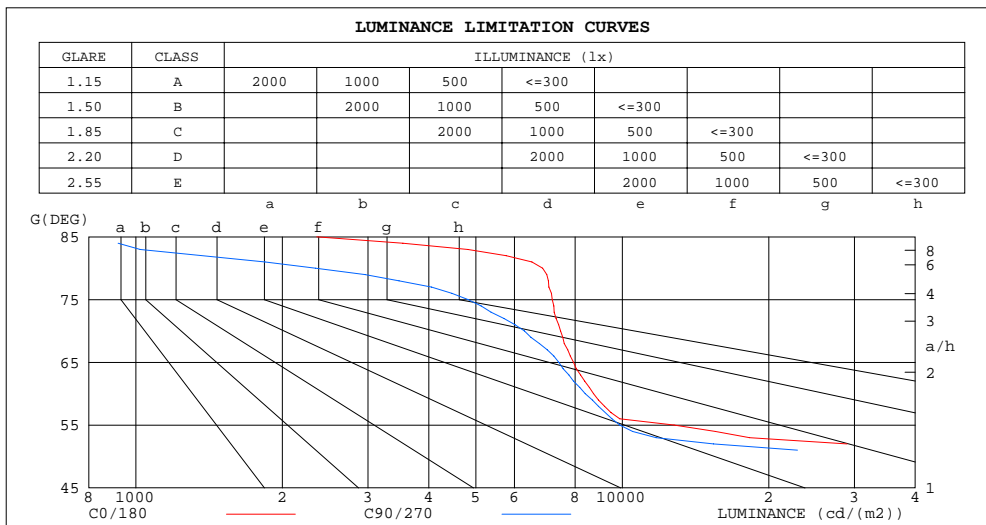
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	1874	1873	1867	1873	1874	1873	1867	1873	0- 10	1790	1790	5.18,5.18
20	1840	1839	1826	1839	1840	1839	1826	1839	10- 20	5261	7051	20.4,20.4
30	1757	1752	1717	1752	1757	1752	1717	1752	20- 30	8313	15364	44.5,44.5
40	1479	1471	1385	1471	1479	1471	1385	1471	30- 40	10230	25594	74.1,74.1
50	391.8	344.1	263.2	344.1	391.8	344.1	263.2	344.1	40- 50	7538	33132	96,96
60	43.37	42.53	42.10	42.53	43.37	42.53	42.10	42.53	50- 60	881.0	34013	98.5,98.5
70	25.38	24.27	21.60	24.27	25.38	24.27	21.60	24.27	60- 70	322.8	34336	99.4,99.4
80	11.84	8.261	4.079	8.261	11.84	8.261	4.079	8.261	70- 80	166.9	34503	99.9,99.9
90	0	0	0	0	0	0	0	0	80- 90	26.62	34530	100,100
100	0	0	0	0	0	0	0	0	90-100	0	34530	100,100
110	0	0	0	0	0	0	0	0	100-110	0	34530	100,100
120	0	0	0	0	0	0	0	0	110-120	0	34530	100,100
130	0	0	0	0	0	0	0	0	120-130	0	34530	100,100
140	0	0	0	0	0	0	0	0	130-140	0	34530	100,100
150	0	0	0	0	0	0	0	0	140-150	0	34530	100,100
160	0	0	0	0	0	0	0	0	150-160	0	34530	100,100
170	0	0	0	0	0	0	0	0	160-170	0	34530	100,100
180	0	0	0	0	0	0	0	0	170-180	0	34530	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:2017-12-12

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:219.84V I:0.9485A P:202.95W PF:0.9733 Freq:49.99Hz Lamp Flux:34529.7x1 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.: $\phi 0.24M$	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	2355	770
80	6856	2339
75	7178	4818
70	7466	6289
65	7936	7400
60	8727	8386
55	12772	9883
50	61315	40770
45	153255	135424

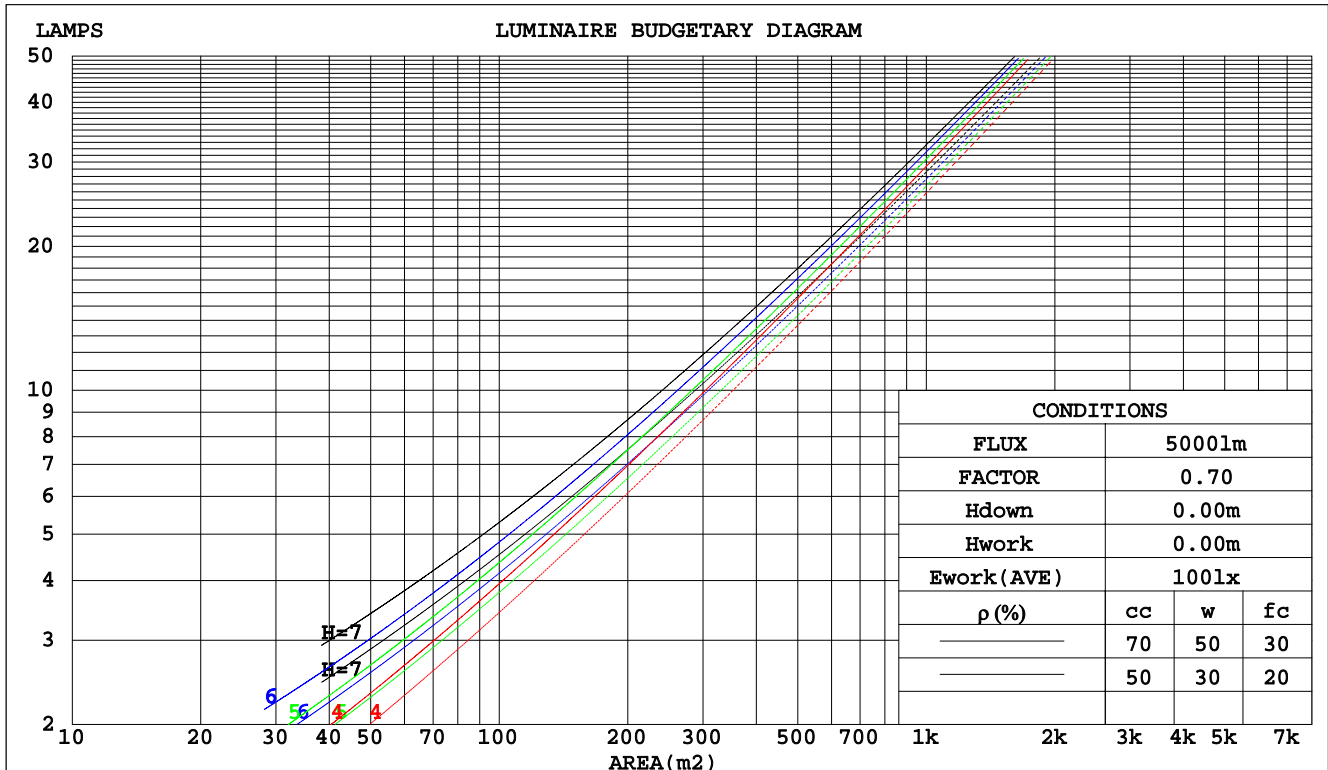
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-12-12

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:219.84V I:0.9485A P:202.95W PF:0.9733 Freq:49.99Hz Lamp Flux:34529.7x1 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.: $\phi 0.24M$	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						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	1.09	1.06	1.04	1.07	1.04	1.02	1.03	1.01	.99	.99	.97	.96	.96	.94	.93	.91
2.0	.00	.95	.91	.98	.93	.90	.94	.91	.88	.91	.88	.86	.89	.86	.84	.82
3.0	.91	.85	.80	.89	.84	.80	.87	.82	.78	.84	.80	.77	.82	.79	.76	.74
4.0	.83	.76	.71	.82	.76	.71	.80	.74	.70	.77	.73	.69	.76	.72	.68	.67
5.0	.76	.69	.64	.75	.69	.64	.73	.67	.63	.71	.66	.62	.70	.65	.62	.60
6.0	.70	.63	.58	.69	.62	.57	.67	.61	.57	.66	.61	.56	.64	.60	.56	.54
7.0	.64	.57	.52	.64	.57	.52	.62	.56	.52	.61	.55	.51	.60	.55	.51	.49
8.0	.59	.52	.47	.59	.52	.47	.57	.51	.47	.56	.51	.47	.55	.50	.46	.45
9.0	.55	.48	.43	.54	.48	.43	.53	.47	.43	.52	.47	.43	.51	.46	.43	.41
10.0	.51	.44	.40	.50	.44	.39	.50	.44	.39	.49	.43	.39	.48	.43	.39	.38



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:219.84V I:0.9485A P:202.95W PF:0.9733 Freq:49.99Hz Lamp Flux:34529.7x1 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 0.24M	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	.209	.119	.038	.202	.115	.037	.190	.109	.035	.178	.103	.033	.167	.097	.031	
2.0	.204	.112	.034	.198	.109	.034	.187	.104	.032	.177	.099	.031	.168	.095	.030	
3.0	.196	.104	.031	.191	.102	.031	.182	.098	.030	.173	.095	.029	.165	.091	.028	
4.0	.187	.097	.029	.183	.096	.028	.175	.093	.028	.167	.090	.027	.160	.087	.026	
5.0	.179	.091	.026	.175	.090	.026	.168	.087	.026	.161	.085	.025	.154	.083	.025	
6.0	.171	.085	.024	.167	.084	.024	.161	.082	.024	.154	.080	.024	.149	.078	.023	
7.0	.163	.080	.023	.160	.079	.023	.154	.078	.022	.148	.076	.022	.143	.074	.022	
8.0	.155	.076	.021	.152	.075	.021	.147	.073	.021	.142	.072	.021	.138	.071	.021	
9.0	.148	.072	.020	.146	.071	.020	.141	.070	.020	.136	.068	.020	.132	.067	.019	
10.0	.141	.068	.019	.139	.067	.019	.135	.066	.019	.131	.065	.018	.127	.064	.018	

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	.173	.157	.142	.148	.135	.122	.101	.093	.085	.058	.054	.049	.019	.017	.016	
2.0	.161	.132	.109	.137	.114	.094	.094	.079	.065	.054	.046	.038	.017	.015	.013	
3.0	.150	.114	.085	.129	.098	.073	.088	.068	.052	.051	.040	.030	.016	.013	.010	
4.0	.142	.100	.068	.122	.086	.059	.084	.060	.041	.048	.035	.024	.016	.011	.008	
5.0	.134	.089	.055	.115	.077	.048	.079	.054	.034	.046	.031	.020	.015	.010	.007	
6.0	.128	.080	.045	.110	.069	.039	.076	.048	.028	.044	.028	.017	.014	.009	.005	
7.0	.122	.073	.038	.105	.063	.033	.072	.044	.024	.042	.026	.014	.014	.009	.005	
8.0	.116	.067	.033	.100	.058	.028	.069	.041	.020	.040	.024	.012	.013	.008	.004	
9.0	.111	.062	.028	.096	.054	.025	.066	.038	.018	.039	.022	.010	.013	.007	.003	
10.0	.107	.058	.025	.092	.050	.022	.064	.035	.015	.037	.021	.009	.012	.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:219.84V I:0.9485A P:202.95W PF:0.9733 Freq:49.99Hz Lamp Flux:34529.7x1 lm											
NAME: LED Hight Bay Light					TYPE:LED			WEIGHT:6.6kg			
SPEC.:AOK-240WoH					DIM.: $\phi 0.4*0.141M$			SERIAL No.:			
MFR.: AOK					SUR.: $\phi 0.24M$			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	14.0	15.2	14.3	15.4	15.6	13.6	14.7	13.8	14.9	15.1	
	3H	13.9	14.9	14.1	15.2	15.4	13.4	14.5	13.7	14.7	14.9
	4H	13.8	14.8	14.1	15.0	15.3	13.3	14.3	13.6	14.6	14.8
	6H	13.7	14.7	14.0	14.9	15.2	13.2	14.2	13.5	14.4	14.7
	8H	13.7	14.6	14.0	14.8	15.1	13.2	14.1	13.5	14.4	14.6
	12H	13.6	14.5	14.0	14.8	15.1	13.1	14.0	13.5	14.3	14.6
4H	2H	13.8	14.8	14.1	15.0	15.2	13.3	14.3	13.6	14.5	14.8
	3H	13.6	14.5	13.9	14.8	15.0	13.2	14.0	13.5	14.3	14.6
	4H	13.6	14.3	13.9	14.6	15.0	13.1	13.9	13.4	14.2	14.5
	6H	13.5	14.2	13.9	14.5	14.9	13.0	13.7	13.4	14.0	14.4
	8H	13.5	14.1	13.9	14.4	14.8	12.9	13.6	13.3	13.9	14.3
	12H	13.4	14.0	13.8	14.4	14.8	12.9	13.5	13.3	13.8	14.2
8H	4H	13.4	14.1	13.8	14.4	14.8	13.0	13.6	13.4	13.9	14.3
	6H	13.4	13.9	13.8	14.3	14.7	12.9	13.4	13.3	13.8	14.2
	8H	13.3	13.8	13.8	14.2	14.7	12.8	13.3	13.3	13.7	14.1
	12H	13.3	13.7	13.8	14.1	14.6	12.8	13.2	13.2	13.6	14.1
12H	4H	13.4	14.0	13.8	14.3	14.7	12.9	13.5	13.3	13.9	14.2
	6H	13.3	13.8	13.8	14.2	14.6	12.8	13.3	13.3	13.7	14.1
	8H	13.3	13.7	13.8	14.1	14.6	12.8	13.2	13.3	13.6	14.1
Variations with the observer position at spacings:											
S = 1.0H	+ 2.9 / -10.0					+ 3.0 / -11.1					
1.5H	+ 2.6 / -11.0					+ 2.9 / -11.6					
2.0H	+ 6.9 / - 8.6					+ 7.2 / - 8.8					

CIE Pub.117, 34530 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 12.3$)

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:219.84V I:0.9485A P:202.95W PF:0.9733 Freq:49.99Hz Lamp Flux:34529.7x1 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.: $\phi 0.24M$	Shielding Angle:

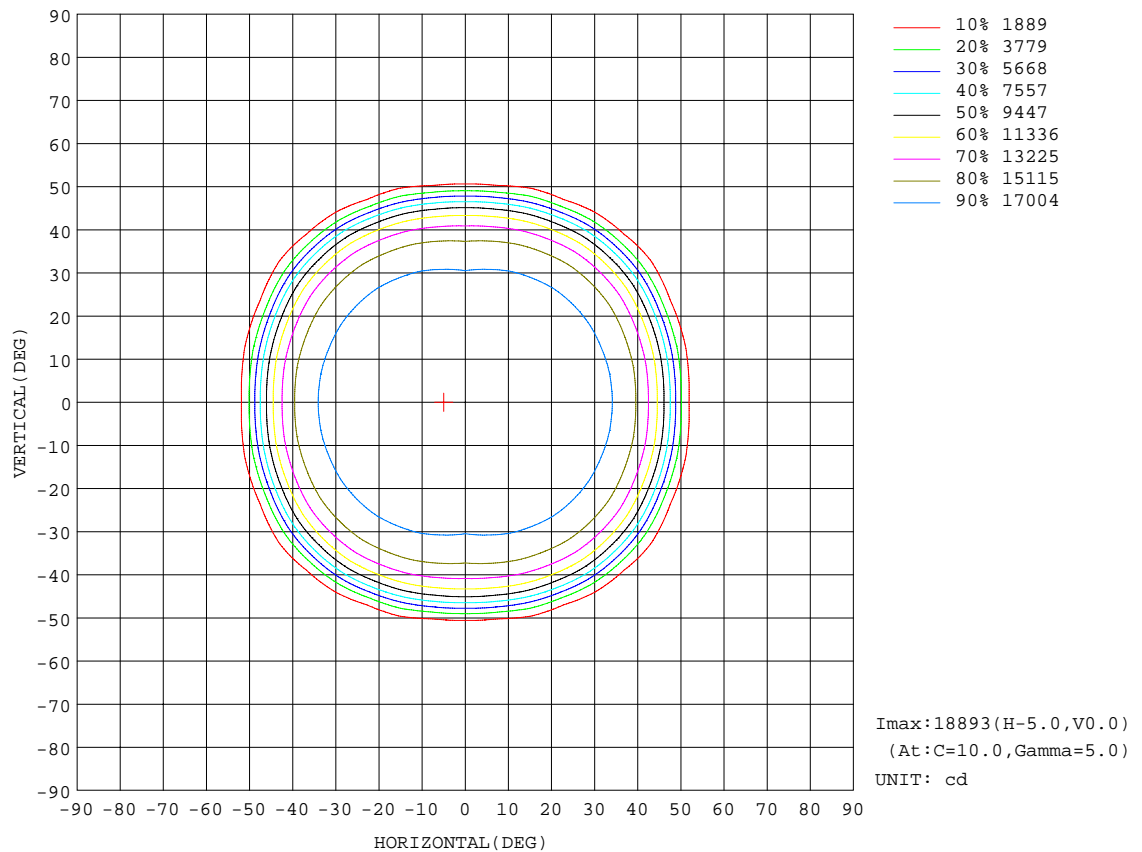
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	75	67	62	75	67	62	74	66	61	57
0.80	85	77	72	84	76	71	82	76	71	66
1.00	92	84	79	91	84	79	89	84	79	74
1.25	97	90	86	96	90	85	94	89	85	80
1.50	101	95	90	99	94	90	97	92	89	83
2.00	105	100	96	104	99	95	101	97	94	88
2.50	107	102	99	106	101	98	102	99	96	89
3.00	109	105	102	107	104	101	104	101	98	91
4.00	112	108	105	110	106	104	106	103	101	94
5.00	113	110	108	111	108	106	107	105	103	95
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:2017-12-12

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:219.84V I:0.9485A P:202.95W PF:0.9733 Freq:49.99Hz Lamp Flux:34529.7x1 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.: $\phi 0.24M$	Shielding Angle:

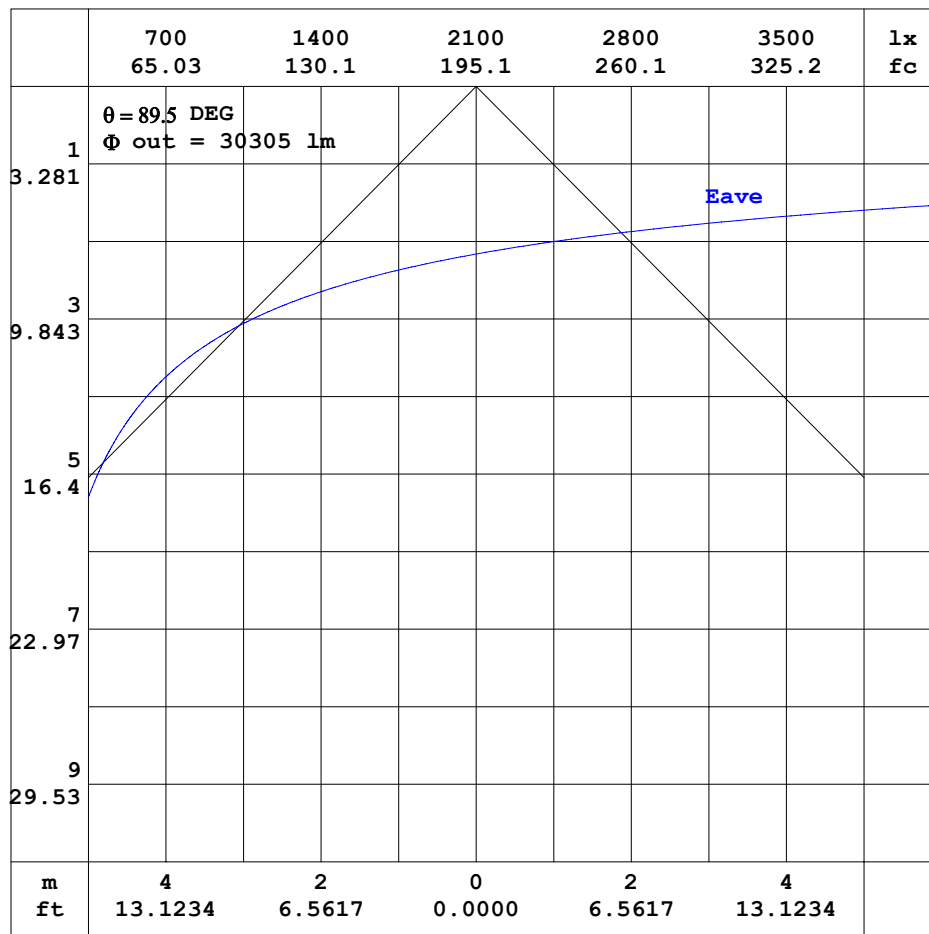


C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2017-12-12

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:

AAI CURVES

Test:U:219.84V I:0.9485A P:202.95W PF:0.9733 Freq:49.99Hz Lamp Flux:34529.7x1 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.: $\phi 0.24M$	Shielding Angle:



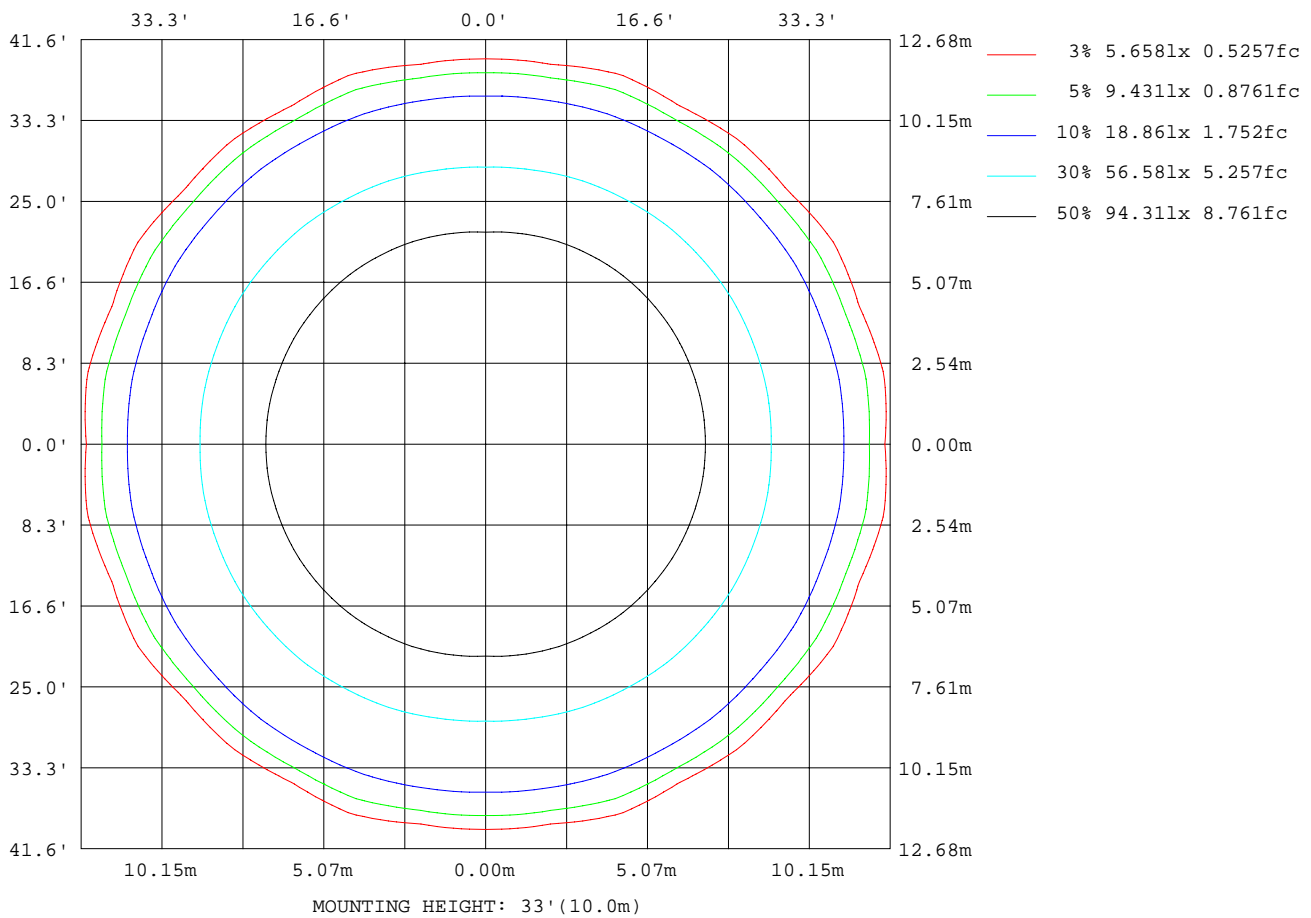
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:219.84V I:0.9485A P:202.95W PF:0.9733 Freq:49.99Hz Lamp Flux:34529.7x1 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.: $\phi 0.24M$	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:219.84V I:0.9485A P:202.95W PF:0.9733 Freq:49.99Hz Lamp Flux:34529.7x1 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.: $\phi 0.24M$	Shielding Angle:

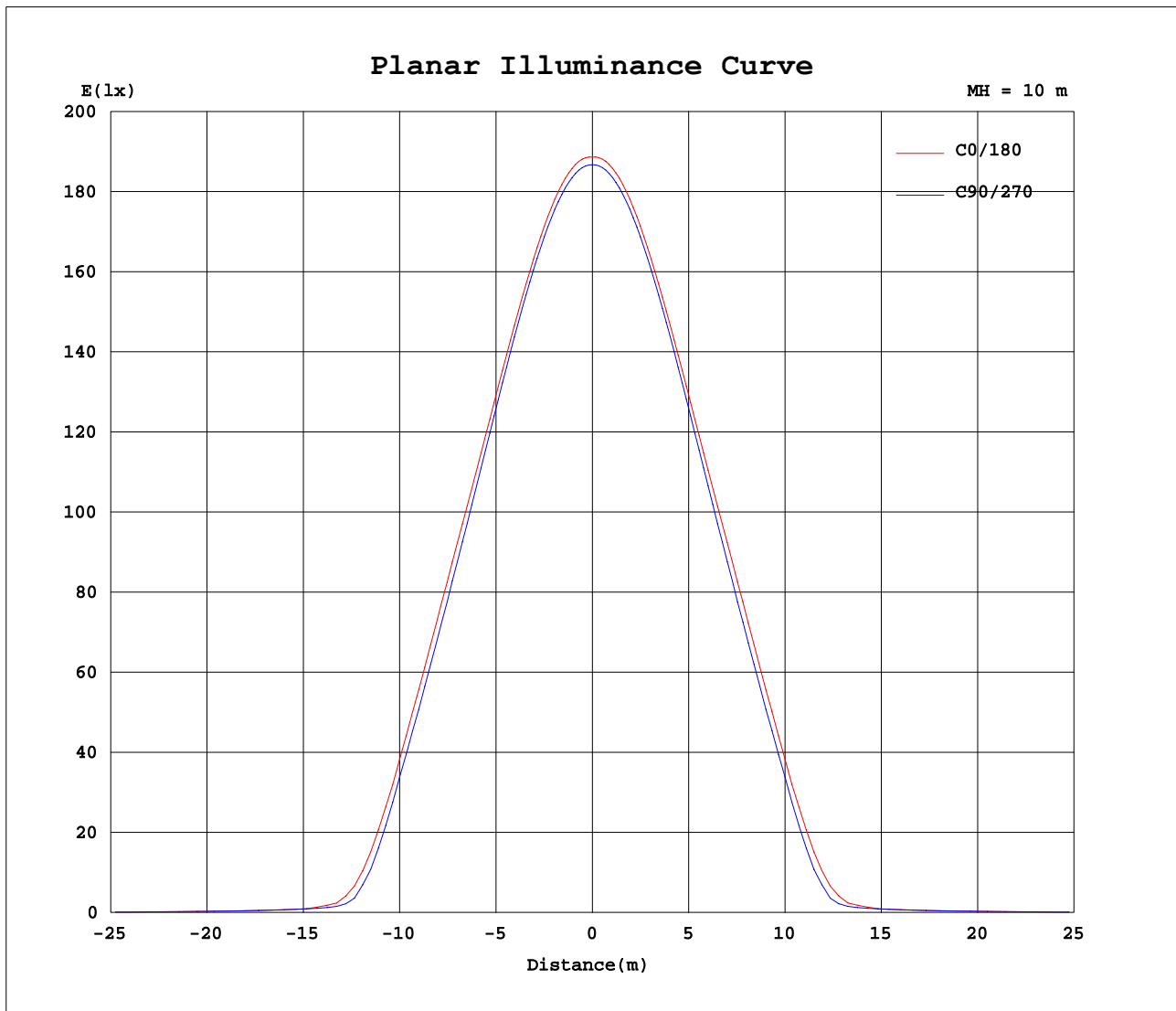
AvgL	cd/m2
L_0~180 (65) av	7889
L_0~180 (75) av	7135
L_0~180 (85) av	2341
L_90~270 (65) av	7431
L_90~270 (75) av	4838
L_90~270 (85) av	774
L_45 (65) av	7660
L_45 (75) av	6242
L_45 (85) av	1426

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:219.84V I:0.9485A P:202.95W PF:0.9733 Freq:49.99Hz Lamp Flux:34529.7x1 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.: $\phi 0.24M$					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	1875	1875	1875	1875	1875	1875	1875	1875	1875	1875	1875	1875	1875	1875	1875	1875	1875	1875	1875
5	1878	1879	1878	1878	1878	1878	1877	1876	1875	1874	1875	1876	1877	1878	1878	1878	1878	1879	1878
10	1874	1874	1874	1874	1873	1873	1871	1870	1868	1867	1868	1870	1871	1873	1873	1874	1874	1874	1874
15	1862	1862	1862	1862	1861	1860	1858	1857	1854	1851	1854	1857	1858	1860	1861	1862	1862	1862	1862
20	1840	1841	1840	1840	1839	1839	1837	1834	1830	1826	1830	1834	1837	1839	1839	1840	1840	1841	1840
25	1808	1809	1807	1807	1806	1805	1802	1798	1791	1784	1791	1798	1802	1805	1806	1807	1807	1809	1808
30	1757	1758	1756	1756	1753	1751	1744	1739	1727	1717	1727	1739	1744	1751	1753	1756	1756	1758	1757
35	1670	1672	1668	1667	1661	1656	1644	1634	1617	1601	1617	1634	1644	1656	1661	1667	1668	1672	1670
40	1479	1491	1486	1488	1475	1467	1443	1429	1400	1385	1400	1429	1443	1467	1475	1488	1486	1491	1479
45	1077	1100	1089	1096	1071	1066	1028	1014	974	962	974	1014	1028	1066	1071	1096	1089	1100	1077
50	392	406	380	382	347	341	302	331	259	263	259	331	302	341	347	382	380	406	392
55	72.8	60.7	71.7	60.2	58.8	58.6	57.5	57.5	56.6	56.9	56.6	57.5	57.5	58.6	58.8	60.2	71.7	60.7	72.8
60	43.4	43.5	43.0	43.0	42.5	42.5	42.1	42.2	41.9	42.1	41.9	42.2	42.1	42.5	42.5	43.0	43.0	43.5	43.4
65	33.3	33.4	33.1	33.0	32.5	32.3	31.8	31.6	31.3	31.4	31.3	31.6	31.8	32.3	32.5	33.0	33.1	33.4	33.3
70	25.4	25.5	25.0	24.9	24.4	24.1	22.9	22.4	21.6	21.6	21.6	22.4	22.9	24.1	24.4	24.9	25.0	25.5	25.4
75	18.5	18.4	17.9	17.7	16.6	15.7	14.2	13.4	12.5	12.5	12.5	13.4	14.2	15.7	16.6	17.7	17.9	18.4	18.5
80	11.8	11.7	11.1	10.5	8.84	7.68	5.91	4.87	4.28	4.08	4.28	4.87	5.91	7.68	8.84	10.5	11.1	11.7	11.8
85	2.04	2.08	1.76	1.65	1.30	1.20	0.92	0.77	0.64	0.67	0.64	0.77	0.92	1.20	1.30	1.65	1.76	2.08	2.04
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
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γ Range: 0 - 180DEG
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