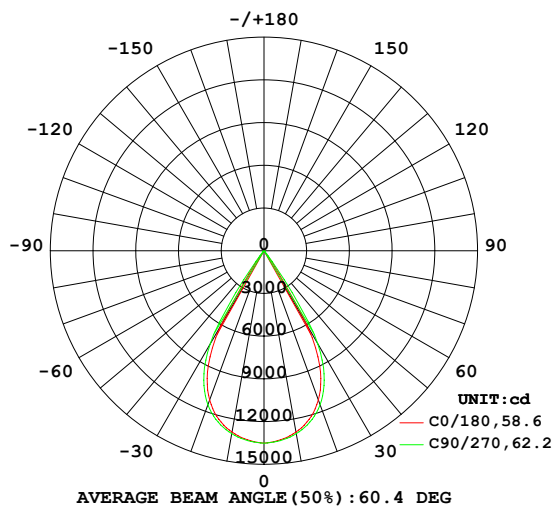


## LUMINAIRE PHOTOMETRIC TEST REPORT

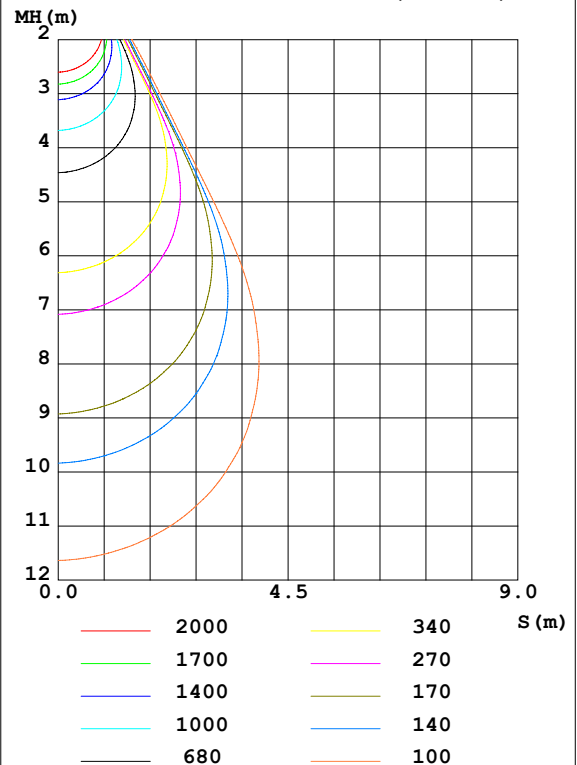
Test:U:219.93V I:0.2913A P:62.411W PF:0.9742 Freq:49.99Hz Lamp Flux:10440.3x1 lm					
NAME: LED Hight Bay Light			TYPE:LED		WEIGHT:2.9kg
SPEC.:AOK-60WoH			DIM.: $\phi$ 0.248*0.138M		SERIAL No.:
MFR.: AOK			SUR.:0.16M		Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 167.28 lm/W
MODEL	5050	I <sub>max</sub> (cd)	13510	S/MH (C0/180)	0.84	
NOMINAL POWER (W)	60	LOR (%)	100.0	S/MH (C90/270)	0.89	
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	10440	$\eta$ UP,DN (C0-180)	0.0,50.0	
NOMINAL FLUX (lm)	10440.3	CIE CLASS	DIRECT	$\eta$ UP,DN (C180-360)	0.0,50.0	
LAMPS INSIDE	1	$\eta$ up (%)	0.0	CIBSE SHR NOM	0.50	
TEST VOLTAGE (V)	220	$\eta$ down (%)	100.0	CIBSE SHR MAX	0.65	

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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
 Humidity: 65.0%  
 Test Distance: 7.230m [K=1.0000]  
 Remarks: 5050 M

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

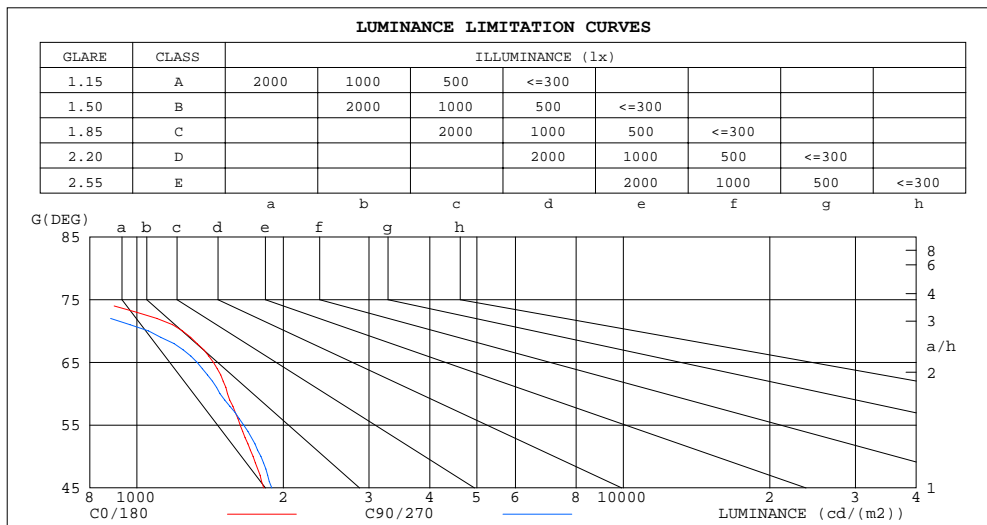
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	$\%lum, lamp$
10	1293	1294	1305	1294	1293	1294	1305	1294	0- 10	1261	1261	12.1,12.1
20	1117	1120	1152	1120	1117	1120	1152	1120	10- 20	3442	4704	45.1,45.1
30	605.3	642.8	756.2	642.8	605.3	642.8	756.2	642.8	20- 30	4262	8966	85.9,85.9
40	14.94	15.11	30.46	15.11	14.94	15.11	30.46	15.11	30- 40	1215	10180	97.5,97.5
50	11.11	10.99	11.59	10.99	11.11	10.99	11.59	10.99	40- 50	100.3	10280	98.5,98.5
60	7.660	7.222	7.421	7.222	7.660	7.222	7.421	7.222	50- 60	82.50	10363	99.3,99.3
70	4.233	3.813	3.621	3.813	4.233	3.813	3.621	3.813	60- 70	56.36	10419	99.8,99.8
80	0.3424	0.3217	0.3238	0.3217	0.3424	0.3217	0.3238	0.3217	70- 80	19.91	10439	100,100
90	0	0	0	0	0	0	0	0	80- 90	1.155	10440	100,100
100	0	0	0	0	0	0	0	0	90-100	0	10440	100,100
110	0	0	0	0	0	0	0	0	100-110	0	10440	100,100
120	0	0	0	0	0	0	0	0	110-120	0	10440	100,100
130	0	0	0	0	0	0	0	0	120-130	0	10440	100,100
140	0	0	0	0	0	0	0	0	130-140	0	10440	100,100
150	0	0	0	0	0	0	0	0	140-150	0	10440	100,100
160	0	0	0	0	0	0	0	0	150-160	0	10440	100,100
170	0	0	0	0	0	0	0	0	160-170	0	10440	100,100
180	0	0	0	0	0	0	0	0	170-180	0	10440	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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:7.230m [K=1.0000]  
 Remarks: 5050 M

## LUMINANCE LIMITATION CURVES

Test:U:219.93V I:0.2913A P:62.411W PF:0.9742 Freq:49.99Hz Lamp Flux:10440.3x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:2.9kg
SPEC.:AOK-60WoH	DIM.: $\phi$ 0.248*0.138M	SERIAL No.:
MFR.: AOK	SUR.:0.16M	Shielding Angle:



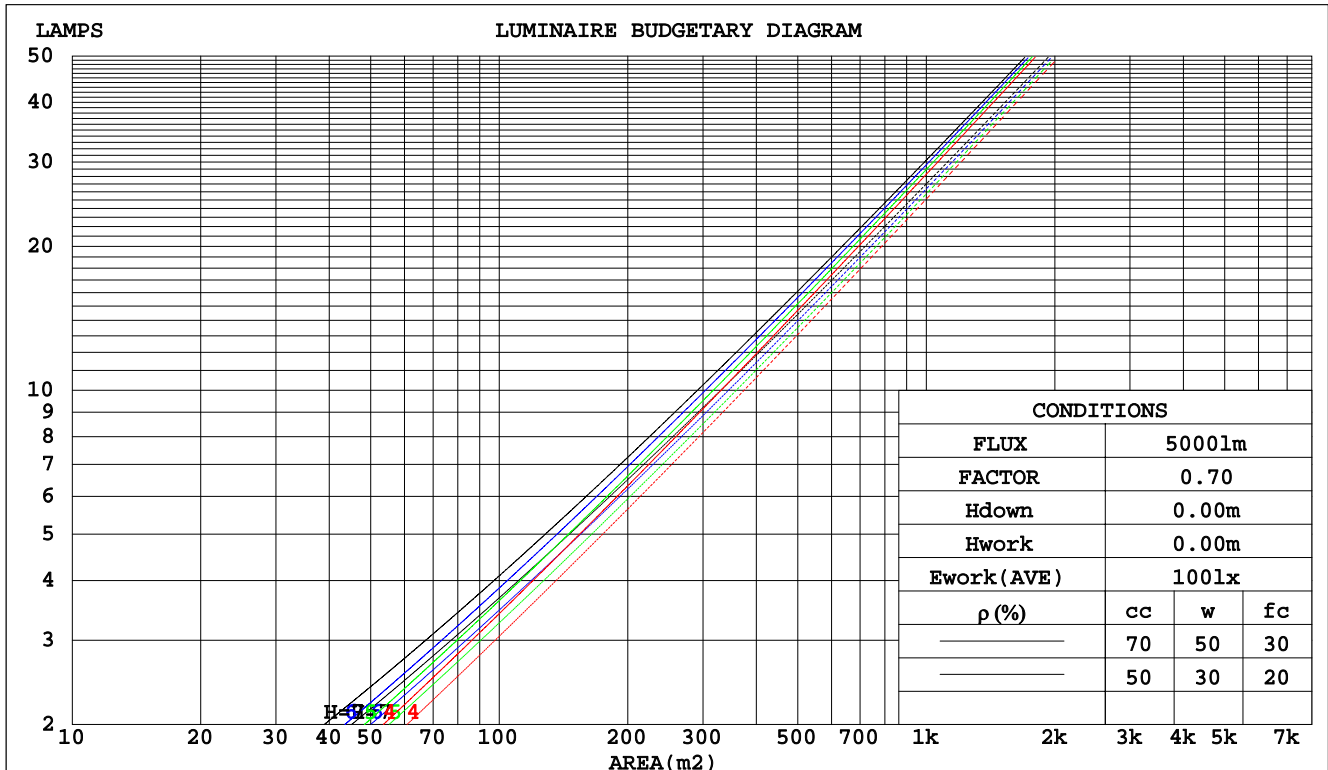
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2017-12-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:7.230m [K=1.0000]  
Remarks: 5050 M

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.93V I:0.2913A P:62.411W PF:0.9742 Freq:49.99Hz Lamp Flux:10440.3x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:2.9kg
SPEC.:AOK-60WoH	DIM.: $\phi$ 0.248*0.138M	SERIAL No.:
MFR.: AOK	SUR.:0.16M	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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.96	.94
2.0	1.04	1.01	.97	1.03	.99	.96	.99	.97	.94	.96	.94	.92	.94	.92	.90	.89
3.0	.98	.93	.90	.97	.92	.89	.94	.90	.88	.92	.89	.86	.89	.87	.85	.83
4.0	.92	.87	.83	.91	.86	.83	.89	.85	.82	.87	.84	.81	.85	.82	.80	.79
5.0	.87	.82	.78	.86	.81	.77	.84	.80	.77	.83	.79	.76	.81	.78	.75	.74
6.0	.82	.77	.73	.82	.76	.73	.80	.76	.72	.79	.75	.72	.77	.74	.71	.70
7.0	.78	.72	.69	.77	.72	.68	.76	.71	.68	.75	.71	.68	.74	.70	.67	.66
8.0	.74	.69	.65	.73	.68	.65	.72	.68	.64	.71	.67	.64	.70	.67	.64	.63
9.0	.70	.65	.61	.70	.65	.61	.69	.64	.61	.68	.64	.61	.67	.63	.61	.59
10.0	.67	.62	.58	.67	.61	.58	.66	.61	.58	.65	.61	.58	.64	.60	.57	.56



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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:7.230m [K=1.0000]  
 Remarks: 5050 M

## WEC AND CCEC

Test:U:219.93V I:0.2913A P:62.411W PF:0.9742 Freq:49.99Hz Lamp Flux:10440.3x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:2.9kg
SPEC.:AOK-60WoH	DIM.: $\phi$ 0.248*0.138M	SERIAL No.:
MFR.: AOK	SUR.:0.16M	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	.167	.095	.030	.161	.092	.029	.148	.085	.027	.137	.079	.025	.126	.073	.024		
2.0	.159	.087	.027	.153	.085	.026	.143	.079	.025	.133	.075	.023	.124	.070	.022		
3.0	.151	.080	.024	.146	.078	.024	.137	.074	.023	.129	.071	.022	.121	.067	.021		
4.0	.143	.074	.022	.139	.073	.022	.132	.070	.021	.125	.067	.020	.118	.064	.020		
5.0	.136	.070	.020	.133	.068	.020	.126	.066	.019	.120	.063	.019	.114	.061	.018		
6.0	.130	.065	.019	.127	.064	.019	.121	.062	.018	.116	.060	.018	.111	.058	.017		
7.0	.125	.062	.017	.122	.061	.017	.117	.059	.017	.112	.057	.017	.108	.056	.016		
8.0	.120	.058	.016	.117	.058	.016	.113	.056	.016	.108	.055	.016	.104	.054	.016		
9.0	.115	.056	.016	.113	.055	.015	.109	.054	.015	.105	.052	.015	.101	.051	.015		
10.0	.110	.053	.015	.108	.052	.015	.105	.051	.014	.101	.050	.014	.098	.049	.014		

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	.170	.157	.146	.146	.135	.125	.100	.093	.087	.057	.054	.050	.018	.017	.016	
2.0	.155	.133	.114	.132	.114	.099	.091	.079	.069	.052	.046	.040	.017	.015	.013	
3.0	.142	.113	.091	.121	.098	.079	.083	.068	.055	.048	.040	.033	.015	.013	.011	
4.0	.131	.099	.074	.112	.085	.064	.077	.059	.045	.045	.035	.027	.014	.011	.009	
5.0	.122	.087	.061	.105	.075	.053	.072	.052	.038	.042	.031	.022	.013	.010	.007	
6.0	.114	.077	.051	.098	.067	.045	.068	.047	.032	.039	.028	.019	.013	.009	.006	
7.0	.107	.070	.043	.092	.060	.038	.064	.042	.027	.037	.025	.016	.012	.008	.005	
8.0	.102	.063	.037	.088	.055	.032	.061	.039	.023	.035	.023	.014	.011	.007	.005	
9.0	.097	.058	.032	.083	.050	.028	.058	.035	.020	.034	.021	.012	.011	.007	.004	
10.0	.092	.054	.028	.079	.047	.025	.055	.033	.017	.032	.019	.010	.010	.006	.003	

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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:7.230m [K=1.0000]  
Remarks: 5050 M

## UGR(Unified Glare Rating) Table

Test:U:219.93V I:0.2913A P:62.411W PF:0.9742 Freq:49.99Hz Lamp Flux:10440.3x1 lm										
NAME: LED Hight Bay Light					TYPE:LED			WEIGHT:2.9kg		
SPEC.:AOK-60WoH					DIM.: $\phi$ 0.248*0.138M			SERIAL No.:		
MFR.: AOK					SUR.:0.16M			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	2.0	2.9	2.2	3.0	3.2	6.2	7.1	6.4	7.2	7.4
3H	2.1	2.9	2.4	3.1	3.3	6.1	6.9	6.3	7.1	7.3
4H	2.1	2.9	2.4	3.1	3.3	6.0	6.8	6.3	7.0	7.2
6H	2.1	2.8	2.4	3.0	3.3	5.9	6.7	6.2	6.9	7.1
8H	2.0	2.7	2.3	3.0	3.2	5.9	6.6	6.2	6.8	7.1
12H	2.0	2.6	2.3	2.9	3.2	5.9	6.5	6.2	6.8	7.0
4H 2H	1.9	2.7	2.2	2.9	3.1	6.0	6.7	6.3	7.0	7.2
3H	2.1	2.8	2.4	3.0	3.3	5.9	6.6	6.2	6.8	7.1
4H	2.1	2.7	2.5	3.0	3.3	5.8	6.4	6.2	6.7	7.0
6H	2.1	2.6	2.4	2.9	3.3	5.7	6.3	6.1	6.6	6.9
8H	2.0	2.5	2.4	2.9	3.2	5.7	6.2	6.1	6.5	6.9
12H	2.0	2.4	2.4	2.8	3.2	5.6	6.1	6.1	6.5	6.9
8H 4H	2.0	2.5	2.4	2.9	3.2	5.7	6.2	6.1	6.5	6.9
6H	2.0	2.4	2.4	2.8	3.2	5.6	6.0	6.0	6.4	6.8
8H	1.9	2.3	2.4	2.7	3.1	5.6	5.9	6.0	6.3	6.8
12H	1.9	2.2	2.3	2.6	3.1	5.5	5.8	6.0	6.2	6.7
12H 4H	2.0	2.4	2.4	2.8	3.2	5.7	6.1	6.1	6.5	6.9
6H	1.9	2.3	2.4	2.7	3.1	5.6	5.9	6.0	6.3	6.8
8H	1.9	2.2	2.3	2.6	3.1	5.5	5.8	6.0	6.2	6.7
Variations with the observer position at spacings:										
S = 1.0H	+ 1.1 / - 0.6					+ 4.1 / - 2.5				
1.5H	+ 1.8 / - 0.4					+ 6.4 / - 2.2				
2.0H	+ 0.5 / - 0.5					+ 0.6 / - 0.7				

CIE Pub.117, 10440 lm Total Lamp Luminous Flux Correct ( $8\log(F/F_0) = 8.1$ )

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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:7.230m [K=1.0000]  
Remarks: 5050 M

### UTILIZATION FACTORS TABLE

Test:U:219.93V I:0.2913A P:62.411W PF:0.9742 Freq:49.99Hz Lamp Flux:10440.3x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:2.9kg
SPEC.:AOK-60WoH	DIM.: $\phi$ 0.248*0.138M	SERIAL No.:
MFR.: AOK	SUR.:0.16M	Shielding Angle:

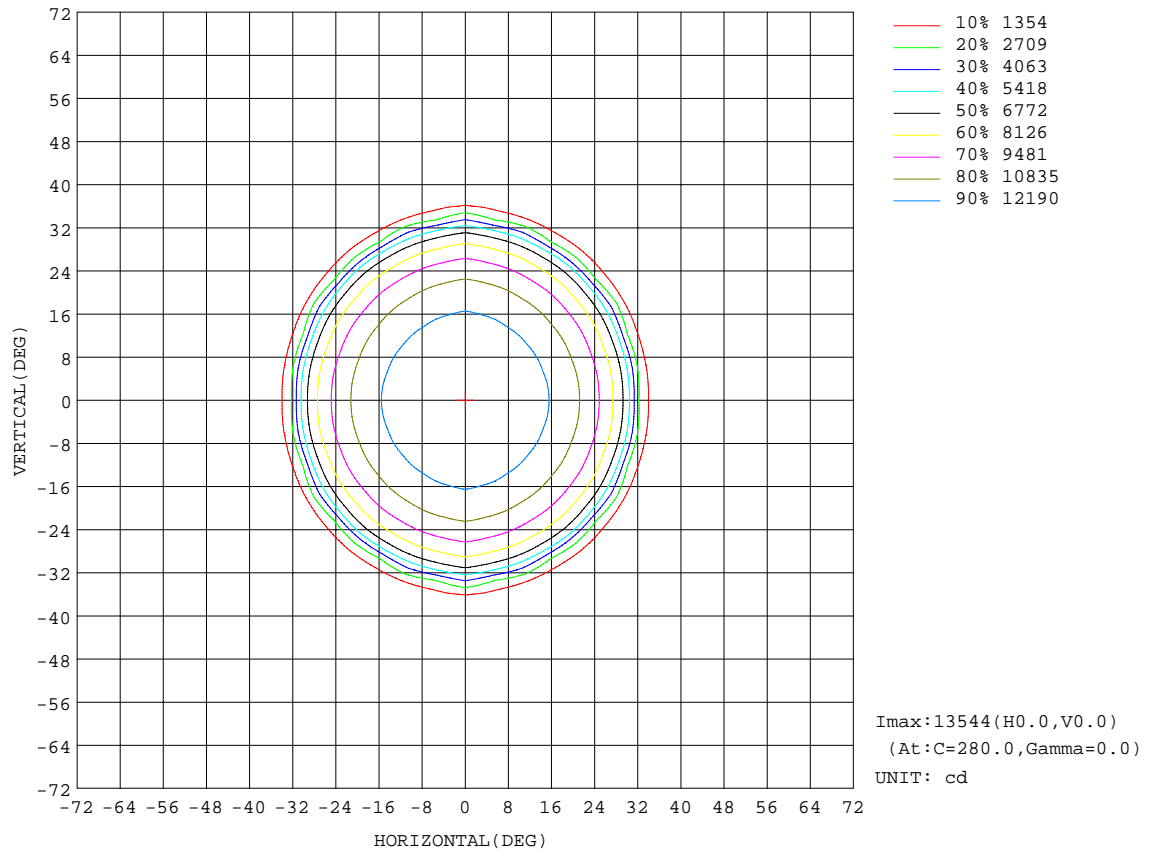
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	90	84	81	90	84	81	89	84	80	77
0.80	97	92	88	96	91	88	95	91	88	84
1.00	101	96	92	100	95	92	99	95	92	88
1.25	105	100	97	104	99	96	102	98	95	91
1.50	107	103	100	106	102	99	104	101	98	94
2.00	109	106	103	108	104	102	105	103	100	95
2.50	111	107	105	109	106	104	106	104	102	96
3.00	112	109	107	111	108	106	107	105	103	97
4.00	114	112	110	112	110	108	109	107	106	99
5.00	116	113	112	113	112	110	109	108	107	100
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:2017-12-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:7.230m [K=1.0000]  
Remarks: 5050 M

## ISOCANDELA DIAGRAM

Test:U:219.93V I:0.2913A P:62.411W PF:0.9742 Freq:49.99Hz Lamp Flux:10440.3x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:2.9kg
SPEC.:AOK-60WoH	DIM.: $\phi$ 0.248*0.138M	SERIAL No.:
MFR.: AOK	SUR.:0.16M	Shielding Angle:



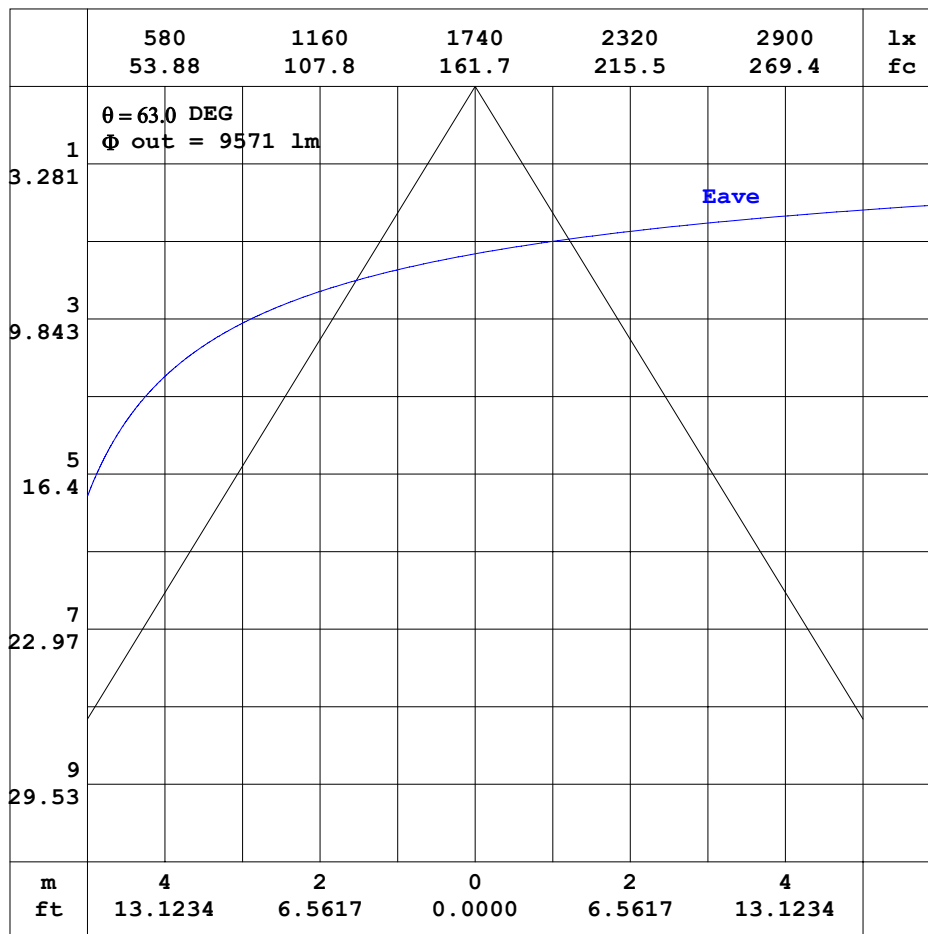
C Range: 0 - 360DEG  
C Interval: 10.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2017-12-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:7.230m [K=1.0000]  
Remarks: 5050 M



### AAI CURVES

Test:U:219.93V I:0.2913A P:62.411W PF:0.9742 Freq:49.99Hz Lamp Flux:10440.3x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:2.9kg
SPEC.:AOK-60WoH	DIM.: $\phi$ 0.248*0.138M	SERIAL No.:
MFR.: AOK	SUR.:0.16M	Shielding Angle:



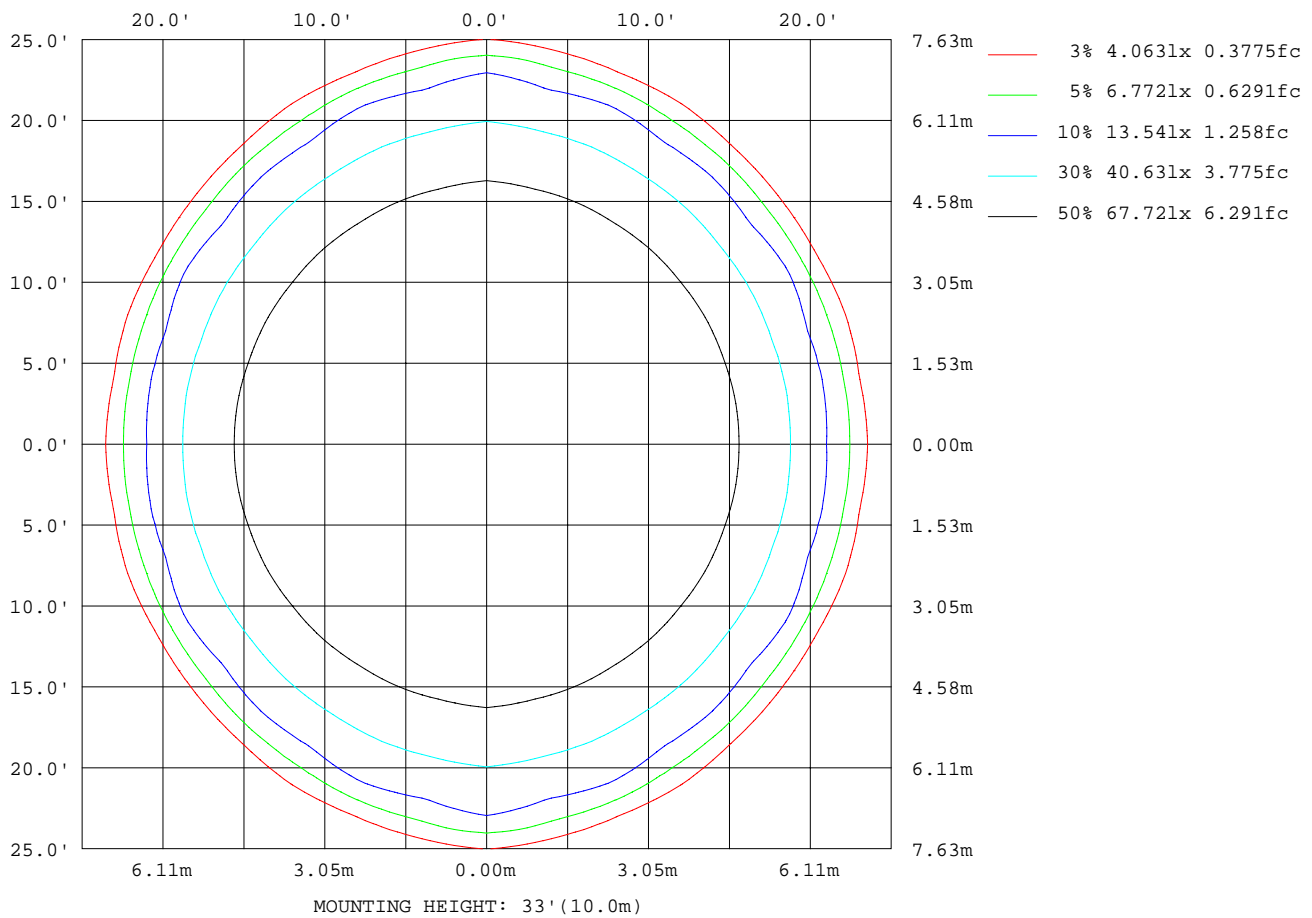
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:7.230m [K=1.0000]  
 Remarks: 5050 M

## ISOLUX DIAGRAM

Test:U:219.93V I:0.2913A P:62.411W PF:0.9742 Freq:49.99Hz Lamp Flux:10440.3x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:2.9kg
SPEC.:AOK-60WoH	DIM.: $\Phi$ 0.248*0.138M	SERIAL No.:
MFR.: AOK	SUR.:0.16M	Shielding Angle:



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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
 Humidity:65.0%  
 Test Distance:7.230m [K=1.0000]  
 Remarks: 5050 M

## LED Avg.L Report

Test:U:219.93V I:0.2913A P:62.411W PF:0.9742 Freq:49.99Hz Lamp Flux:10440.3x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:2.9kg
SPEC.:AOK-60WoH	DIM.: $\phi$ 0.248*0.138M	SERIAL No.:
MFR.: AOK	SUR.:0.16M	Shielding Angle:

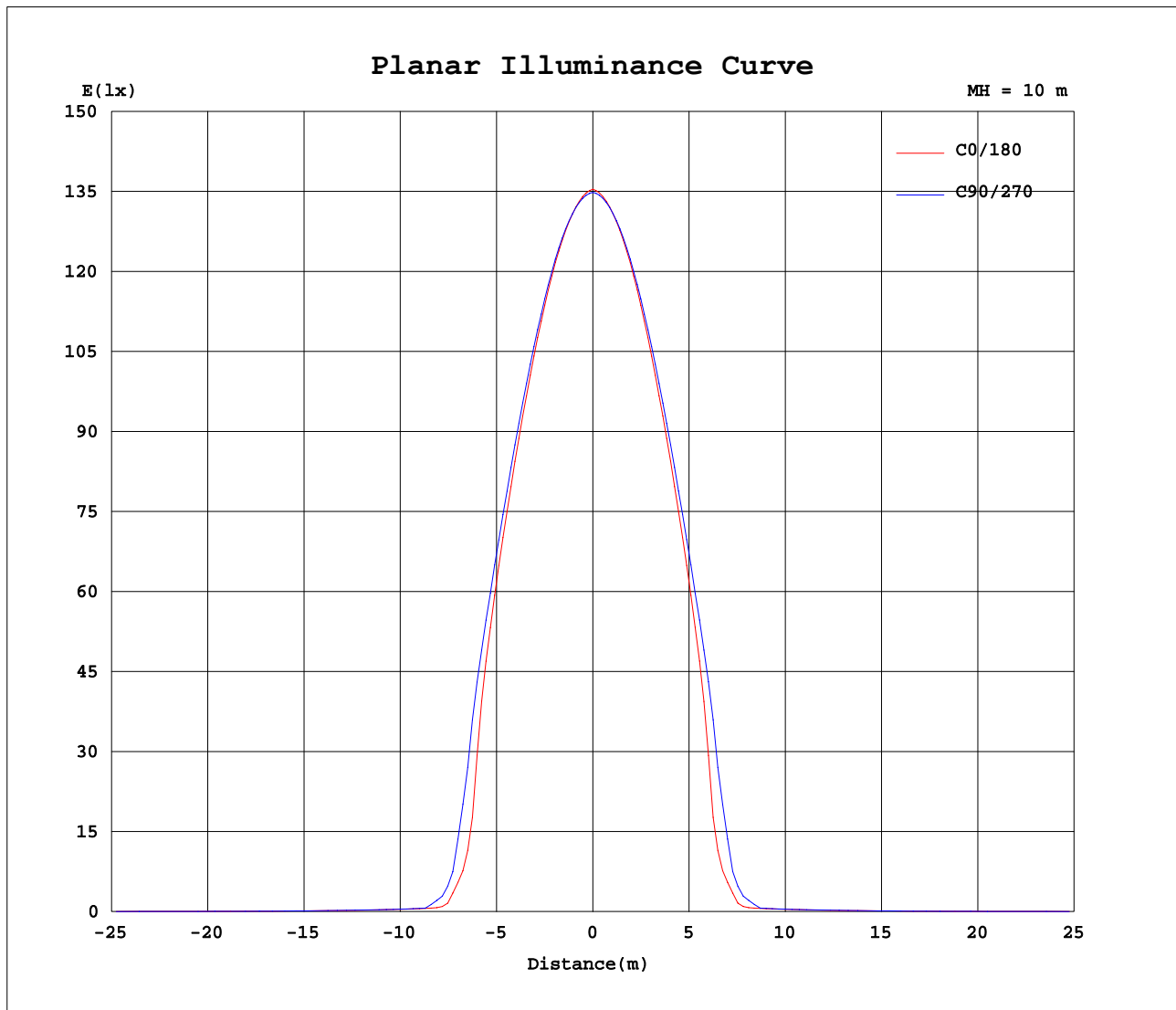
AvgL	cd/m2
L_0~180 (65) av	1433
L_0~180 (75) av	771
L_0~180 (85) av	51
L_90~270 (65) av	1332
L_90~270 (75) av	594
L_90~270 (85) av	112
L_45 (65) av	1328
L_45 (75) av	690
L_45 (85) av	69

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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
Humidity:65.0%  
Test Distance:7.230m [K=1.0000]  
Remarks: 5050 M

## Planar Illuminance Curve



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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.402  
Humidity: 65.0%  
Test Distance: 7.230m [K=1.0000]  
Remarks: 5050 M

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.93V I:0.2913A P:62.411W PF:0.9742 Freq:49.99Hz Lamp Flux:10440.3x1 lm		
NAME: LED Hight Bay Light	TYPE:LED	WEIGHT:2.9kg
SPEC.:AOK-60WoH	DIM.: $\phi$ 0.248*0.138M	SERIAL No.:
MFR.: AOK	SUR.:0.16M	Shielding Angle:

Table--1

UNIT:  $\times 10\text{cd}$ 

C (DEG) $\gamma$ (DEG)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	1351	1351	1351	1351	1351	1351	1351	1351	1351	1351	1351	1351	1351	1351	1351	1351	1351	1351	1351
5	1333	1333	1332	1333	1332	1333	1334	1335	1336	1338	1336	1335	1334	1333	1332	1333	1332	1333	1333
10	1293	1293	1292	1293	1293	1295	1296	1299	1300	1305	1300	1299	1296	1295	1293	1293	1292	1293	1293
15	1225	1225	1224	1225	1225	1228	1230	1235	1239	1245	1239	1235	1230	1228	1225	1225	1224	1225	1225
20	1117	1116	1114	1117	1118	1123	1127	1135	1141	1152	1141	1135	1127	1123	1118	1117	1114	1116	1117
25	940	941	937	943	944	953	959	974	984	1002	984	974	959	953	944	943	937	941	940
30	605	611	606	623	630	656	671	700	721	756	721	700	671	656	630	623	606	611	605
35	99.9	92.8	101	98.9	103	116	126	148	167	248	167	148	126	116	103	98.9	101	92.8	99.9
40	14.9	14.9	14.7	14.9	14.9	15.3	15.6	16.2	16.6	30.5	16.6	16.2	15.6	15.3	14.9	14.9	14.7	14.9	14.9
45	12.9	12.8	12.6	12.7	12.6	12.8	12.9	13.1	13.2	13.4	13.2	13.1	12.9	12.8	12.6	12.7	12.6	12.8	12.9
50	11.1	11.0	10.9	10.9	10.9	11.1	11.1	11.3	11.4	11.6	11.4	11.3	11.1	11.1	10.9	10.9	10.9	11.0	11.1
55	9.33	9.22	9.01	9.02	9.00	9.05	9.56	9.25	9.39	9.53	9.39	9.25	9.56	9.05	9.00	9.02	9.01	9.22	9.33
60	7.66	7.51	7.28	7.24	7.19	7.26	7.94	7.32	7.35	7.42	7.35	7.32	7.94	7.26	7.19	7.24	7.28	7.51	7.66
65	6.06	5.92	5.77	5.71	5.62	5.66	5.97	5.60	5.59	5.63	5.59	5.60	5.97	5.66	5.62	5.71	5.77	5.92	6.06
70	4.23	4.20	4.10	4.05	3.85	3.78	3.85	3.67	3.54	3.62	3.54	3.67	3.85	3.78	3.85	4.05	4.10	4.20	4.23
75	2.00	2.00	1.94	2.00	1.80	1.79	1.74	1.75	1.53	1.54	1.53	1.75	1.74	1.79	1.80	2.00	1.94	2.00	2.00
80	0.34	0.35	0.34	0.34	0.32	0.32	0.31	0.31	0.31	0.32	0.31	0.31	0.31	0.32	0.32	0.34	0.34	0.35	0.34
85	0.04	0.04	0.05	0.05	0.06	0.06	0.08	0.08	0.10	0.10	0.10	0.08	0.08	0.06	0.06	0.05	0.05	0.04	0.04
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

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