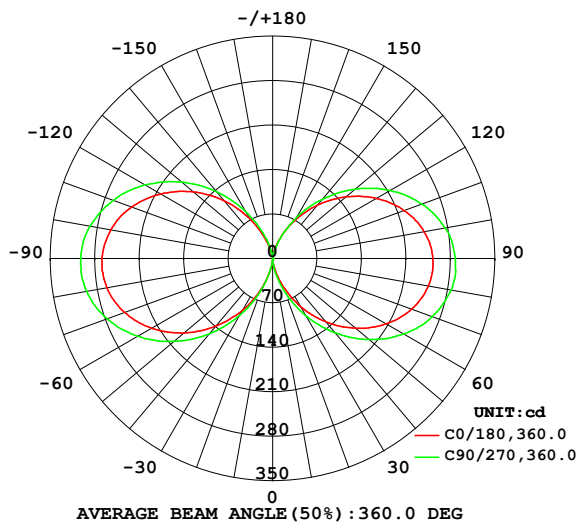


LUMINAIRE PHOTOMETRIC TEST REPORT

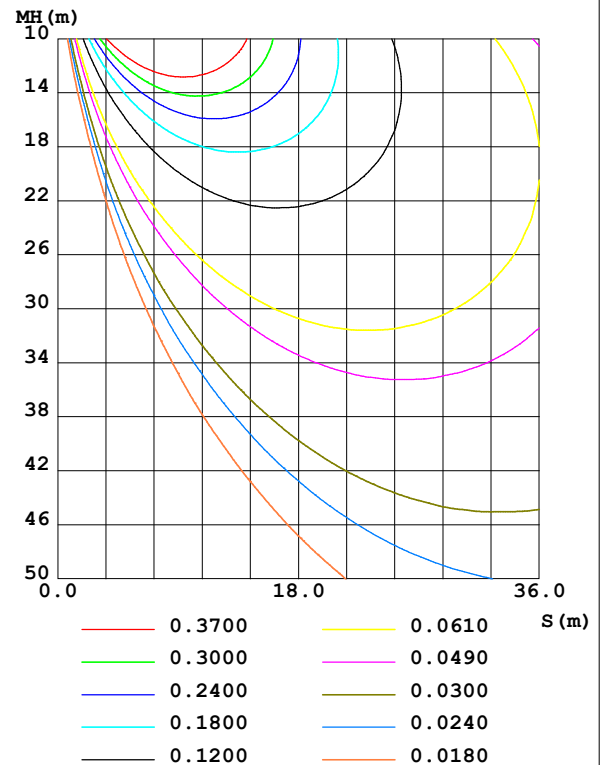
Test:U:120.0V I:0.3862A P:46.06W PF:0.9936 Freq:60.01Hz Lamp Flux:2430.1x1 lm		
NAME: A02-CL30P-16-8X6S-952C5-MVTD-BK 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 52.76 lm/W			
MODEL		Imax(cd)	316.0	S/MH(C0/180)	18.38
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	18.81
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2430.1	η UP,DN(C0-180)	23.4,25.7
NOMINAL FLUX(lm)	2430.1	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	24.7,26.1
LAMPS INSIDE	1	η up(%)	48.2	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	120	η down(%)	51.8	CIBSE SHR MAX	1.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2℃
Operators:Dano
Test Date:2023-07-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
Humidity:55.3%
Test Distance:2.900m [K=0.8810]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	10.54	12.61	17.15	16.24	12.83	10.56	11.07	11.73	0- 10	0.5725	0.5725	0.02,0.02
20	43.43	44.31	56.25	61.11	48.37	45.78	51.70	49.85	10- 20	9.175	9.748	0.40,0.40
30	86.22	85.41	103.7	115.2	93.85	90.31	103.0	101.8	20- 30	34.81	44.55	1.83,1.83
40	130.0	128.1	152.8	169.9	139.1	134.6	154.8	154.6	30- 40	76.98	121.5	5,5
50	171.2	167.8	198.9	219.5	182.6	176.6	203.5	205.2	40- 50	130.7	252.3	10.4,10.4
60	206.3	201.2	238.1	257.5	219.9	212.1	245.6	246.0	50- 60	188.5	440.8	18.1,18.1
70	233.0	224.0	267.8	288.8	248.3	236.6	277.6	279.8	60- 70	241.3	682.1	28.1,28.1
80	249.1	238.6	285.5	305.6	265.2	251.2	297.4	302.0	70- 80	279.0	961.1	39.6,39.6
90	252.2	241.4	287.8	309.3	268.9	255.5	302.0	309.1	80- 90	298.6	1260	51.8,51.8
100	242.2	231.2	276.1	295.5	258.9	245.5	292.0	298.5	90-100	295.3	1555	64,64
110	220.6	209.2	250.3	268.4	236.6	223.7	267.2	275.1	100-110	268.7	1824	75,75
120	189.3	178.5	214.4	231.2	203.4	192.4	231.8	240.1	110-120	225.4	2049	84.3,84.3
130	151.2	142.8	169.9	183.5	163.2	156.3	187.4	195.4	120-130	171.5	2221	91.4,91.4
140	109.4	104.5	121.5	131.3	118.5	116.1	137.0	143.7	130-140	114.6	2335	96.1,96.1
150	68.62	64.04	72.94	80.26	72.25	71.08	85.40	90.78	140-150	63.79	2399	98.7,98.7
160	32.13	26.86	29.32	34.63	29.67	30.57	38.95	41.09	150-160	25.80	2425	99.8,99.8
170	5.772	4.806	3.298	4.157	2.619	3.180	5.081	4.886	160-170	5.220	2430	100,100
180	0.2624	0.2622	0.2841	0.3287	0.2603	0.2673	0.2914	0.3081	170-180	0.1363	2430	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 179.73 lm

%lum = 7.4%

%lamp = 7.4%

Conical surface Flux(120deg): 440.82 lm

%lum = 18.1%

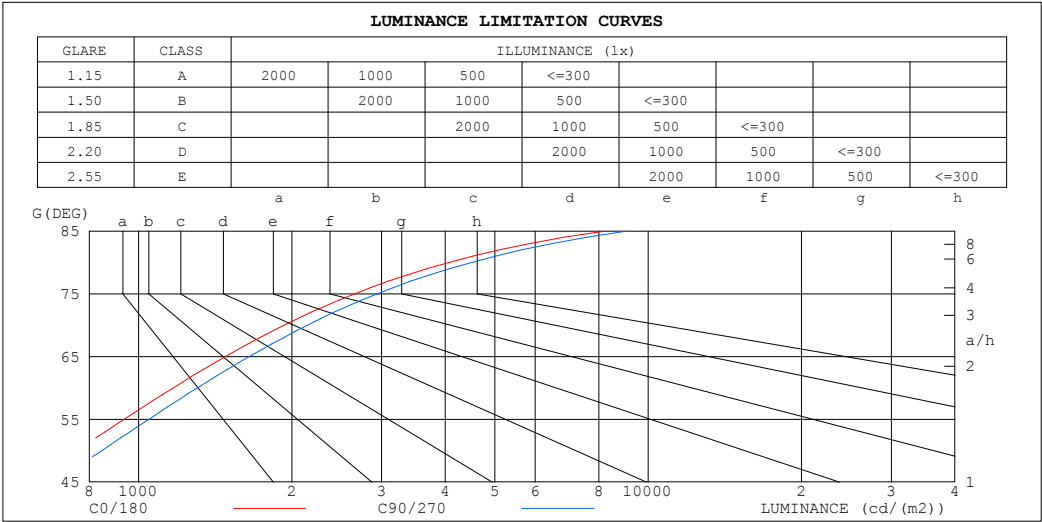
%lamp = 18.1%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2℃
Operators:Dano
Test Date:2023-07-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
Humidity:55.3%
Test Distance:2.900m [K=0.8810]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.3862A P:46.06W PF:0.9936 Freq:60.01Hz Lamp Flux:2430.1x1 lm		
NAME: A02-CL30P-16-8X6S-952C5-MVTD-BK 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	8207	9070
80	4063	4501
75	2655	2938
70	1930	2144
65	1481	1648
60	1169	1304
55	936	1048
50	754	847
45	606	683

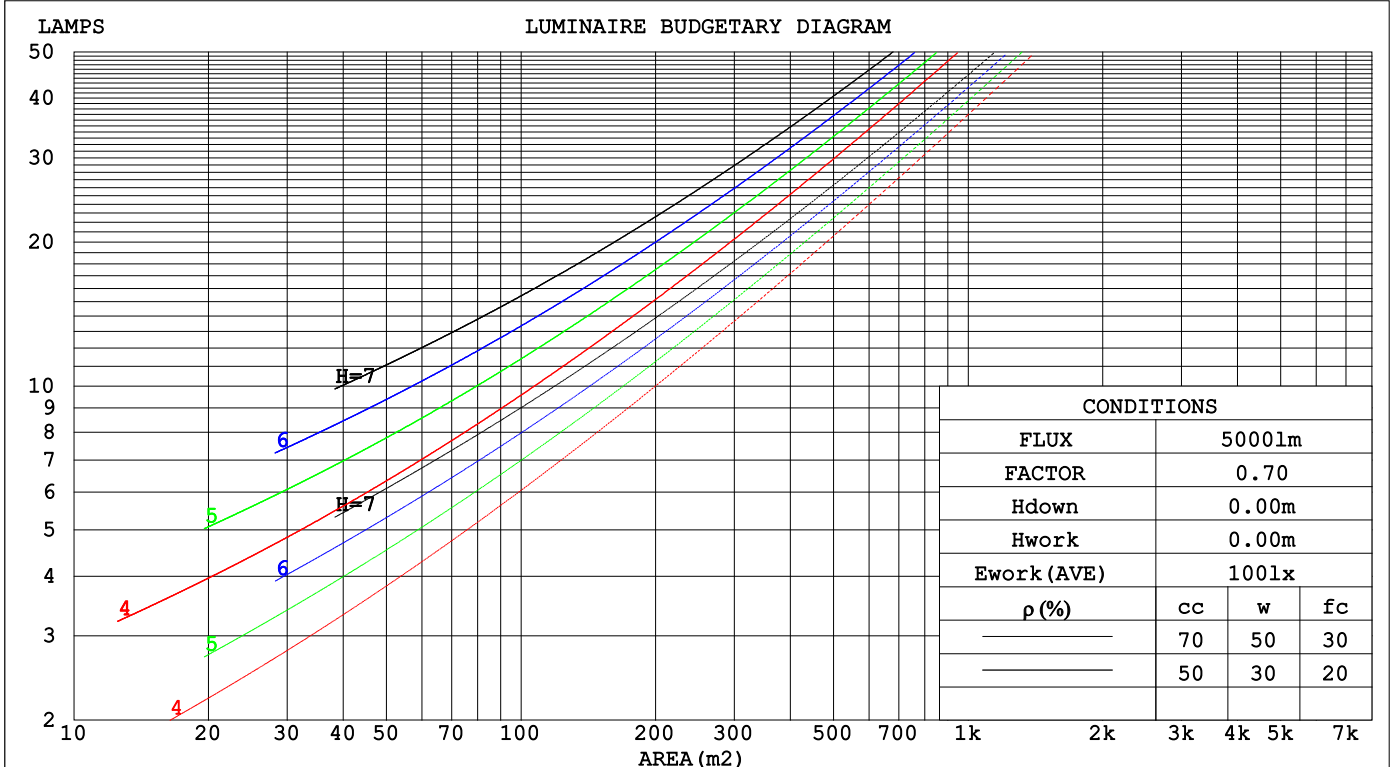
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2℃
Operators:Dano
Test Date:2023-07-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
Humidity:55.3%
Test Distance:2.900m [K=0.8810]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.3862A P:46.06W PF:0.9936 Freq:60.01Hz Lamp Flux:2430.1x1 lm		
NAME: A02-CL30P-16-8X6S-952C5-MVTD-BK 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:

pcc	30%			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	.71	.71	.71	.99	.99	.99	.84	.84	.84	.71	.71	.71	.58	.58	.58	.52
1.0	.52	.49	.46	.78	.72	.67	.64	.60	.56	.52	.49	.46	.41	.38	.36	.31
2.0	.42	.37	.33	.64	.57	.50	.53	.47	.41	.42	.37	.33	.32	.29	.26	.21
3.0	.35	.30	.25	.55	.46	.39	.45	.38	.32	.35	.30	.25	.27	.23	.19	.15
4.0	.30	.25	.20	.47	.38	.31	.38	.31	.25	.30	.25	.20	.23	.18	.15	.11
5.0	.26	.21	.16	.41	.32	.25	.33	.26	.21	.26	.21	.16	.20	.15	.12	.08
6.0	.23	.18	.13	.36	.28	.21	.30	.23	.17	.23	.18	.13	.17	.13	.10	.06
7.0	.21	.15	.11	.32	.24	.18	.26	.20	.15	.21	.15	.11	.16	.11	.08	.05
8.0	.19	.13	.10	.29	.21	.15	.24	.17	.12	.19	.13	.10	.14	.10	.07	.04
9.0	.17	.12	.08	.26	.19	.13	.22	.15	.11	.17	.12	.08	.13	.09	.06	.03
10.0	.16	.11	.07	.24	.17	.12	.20	.14	.09	.16	.11	.07	.12	.08	.05	.03



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2℃
Operators:Dano
Test Date:2023-07-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
Humidity:55.3%
Test Distance:2.900m [K=0.8810]
Remarks:

WEC AND CCEC

Test:U:120.0V I:0.3862A P:46.06W PF:0.9936 Freq:60.01Hz Lamp Flux:2430.1x1 lm		
NAME: A02-CL30P-16-8X6S-952C5-MVTD-BK 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:

pcc	30%			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	.354	.204	.066	.433	.247	.079	.392	.225	.072	.354	.204	.066	.319	.185	.060															
2.0	.279	.157	.049	.352	.194	.060	.314	.175	.054	.279	.157	.049	.247	.140	.044															
3.0	.235	.129	.040	.302	.162	.049	.267	.145	.044	.235	.129	.040	.206	.114	.035															
4.0	.204	.110	.033	.265	.139	.041	.234	.124	.037	.204	.110	.033	.177	.096	.029															
5.0	.181	.096	.028	.237	.122	.035	.208	.108	.032	.181	.096	.028	.156	.083	.025															
6.0	.163	.085	.025	.215	.109	.031	.188	.096	.028	.163	.085	.025	.139	.073	.022															
7.0	.148	.076	.022	.196	.098	.028	.171	.087	.025	.148	.076	.022	.126	.066	.019															
8.0	.136	.069	.020	.181	.089	.025	.158	.079	.022	.136	.069	.020	.116	.059	.017															
9.0	.126	.063	.018	.167	.082	.023	.146	.072	.020	.126	.063	.018	.107	.054	.016															
10.0	.117	.058	.017	.156	.075	.021	.136	.067	.019	.117	.058	.017	.099	.050	.014															

pcc	30%			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	.187	.187	.187	.476	.476	.476	.325	.325	.325	.187	.187	.187	.060	.060	.060	
1.0	.189	.179	.171	.479	.450	.424	.328	.310	.293	.189	.179	.171	.060	.058	.055	
2.0	.188	.175	.163	.476	.434	.398	.326	.300	.278	.188	.175	.163	.060	.056	.053	
3.0	.186	.171	.158	.470	.422	.383	.323	.293	.269	.186	.171	.158	.060	.056	.052	
4.0	.185	.169	.155	.464	.413	.373	.319	.288	.263	.185	.169	.155	.059	.055	.051	
5.0	.183	.166	.154	.458	.406	.366	.316	.283	.259	.183	.166	.154	.059	.054	.051	
6.0	.181	.165	.152	.452	.400	.362	.312	.280	.256	.181	.165	.152	.058	.054	.050	
7.0	.179	.163	.151	.446	.395	.358	.308	.277	.254	.179	.163	.151	.058	.053	.050	
8.0	.177	.162	.150	.441	.391	.356	.305	.274	.252	.177	.162	.150	.057	.053	.050	
9.0	.176	.161	.150	.436	.387	.354	.302	.272	.251	.176	.161	.150	.057	.053	.050	
10.0	.174	.160	.149	.431	.384	.352	.299	.270	.250	.174	.160	.149	.057	.052	.050	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2℃
Operators:Dano
Test Date:2023-07-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
Humidity:55.3%
Test Distance:2.900m [K=0.8810]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.3862A P:46.06W PF:0.9936 Freq:60.01Hz Lamp Flux:2430.1x1 lm										
NAME: A02-CL30P-16-8X6S-952C5-MVTD-BK 3000K					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.					SUR.:			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	9.6	11.8	11.3	13.6	16.0	10.3	12.5	12.0	14.4	16.7
3H	13.4	15.5	15.2	17.3	19.8	14.0	16.1	15.8	18.0	20.4
4H	15.4	17.3	17.2	19.2	21.7	16.0	17.9	17.8	19.8	22.3
6H	17.5	19.4	19.4	21.3	23.8	18.1	20.0	19.9	21.9	24.3
8H	18.7	20.5	20.5	22.4	24.9	19.3	21.1	21.1	23.0	25.5
12H	20.0	21.7	21.8	23.6	26.2	20.6	22.3	22.5	24.2	26.8
4H 2H	10.4	12.3	12.2	14.2	16.7	10.9	12.9	12.8	14.8	17.2
3H	14.3	16.0	16.1	17.9	20.4	14.8	16.5	16.6	18.5	21.0
4H	16.4	18.0	18.2	19.9	22.5	16.8	18.4	18.7	20.4	22.9
6H	18.7	20.1	20.6	22.1	24.6	19.1	20.5	21.0	22.5	25.1
8H	19.9	21.3	21.8	23.2	25.8	20.4	21.7	22.3	23.7	26.3
12H	21.3	22.6	23.2	24.6	27.2	21.8	23.1	23.8	25.1	27.7
8H 4H	17.0	18.4	18.9	20.4	22.9	17.4	18.8	19.3	20.8	23.4
6H	19.5	20.7	21.5	22.8	25.4	19.9	21.1	21.9	23.1	25.8
8H	21.0	22.0	22.9	24.1	26.7	21.4	22.4	23.3	24.5	27.1
12H	22.6	23.5	24.6	25.6	28.3	23.0	24.0	25.0	26.0	28.7
12H 4H	17.2	18.5	19.2	20.5	23.1	17.6	18.9	19.6	20.9	23.5
6H	19.8	20.9	21.8	22.9	25.6	20.2	21.3	22.2	23.3	26.0
8H	21.4	22.3	23.4	24.4	27.1	21.8	22.7	23.8	24.8	27.4
CIE190: 2010										

CIE190: 2010
Area: 0.36 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2℃
Operators:Dano
Test Date:2023-07-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
Humidity:55.3%
Test Distance:2.900m [K=0.8810]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.3862A P:46.06W PF:0.9936 Freq:60.01Hz Lamp Flux:2430.1x1 lm		
NAME: A02-CL30P-16-8X6S-952C5-MVTD-BK 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:

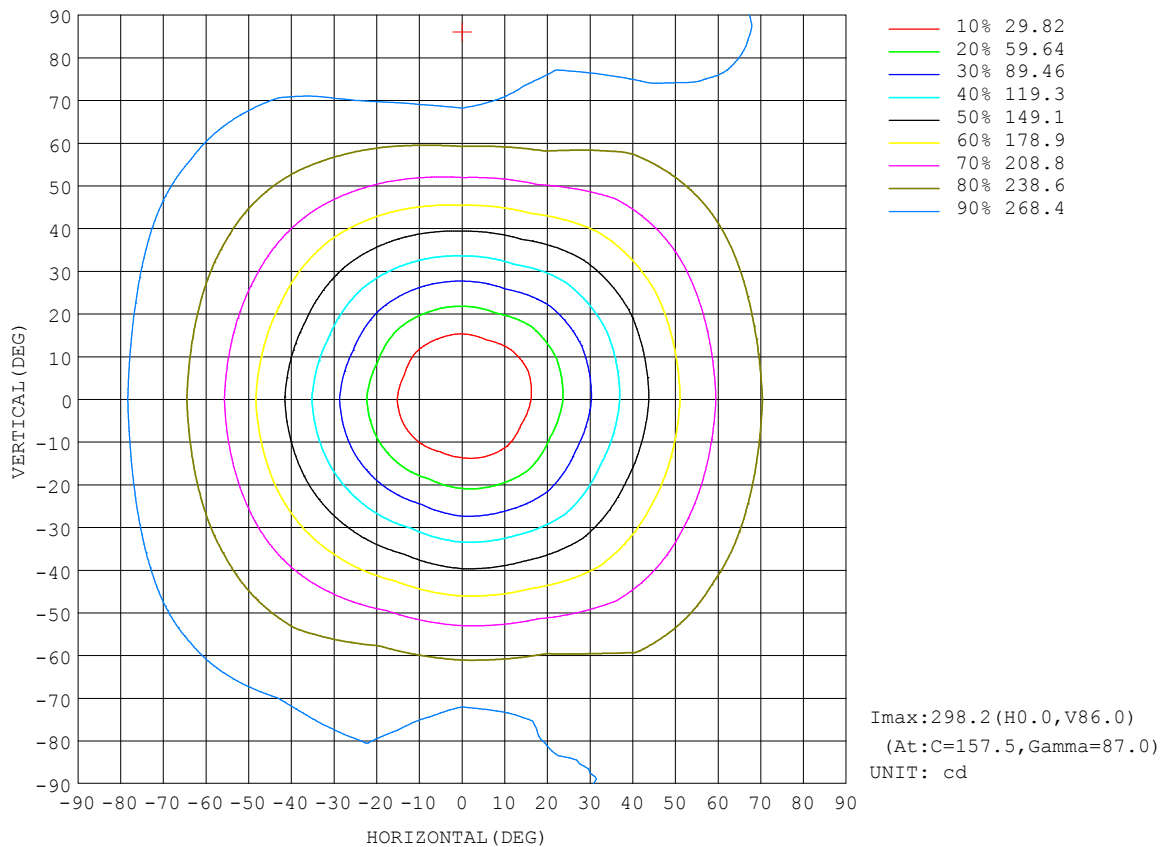
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	33	20	12	31	19	12	28	17	11	3
0.80	41	27	18	39	25	17	34	22	15	6
1.00	48	33	23	45	31	22	39	30	20	8
1.25	55	40	30	51	37	28	44	33	25	11
1.50	61	46	35	56	43	33	48	37	29	14
2.00	69	55	44	63	51	41	54	44	36	18
2.50	74	61	51	68	57	47	58	49	41	21
3.00	78	66	56	72	61	53	61	53	45	24
4.00	84	73	65	77	68	60	65	58	52	28
5.00	88	78	70	81	73	65	68	62	56	31
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.2℃
 Operators: Dano
 Test Date: 2023-07-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.459
 Humidity: 55.3%
 Test Distance: 2.900m [K=0.8810]
 Remarks:

ISOCANDELA DIAGRAM

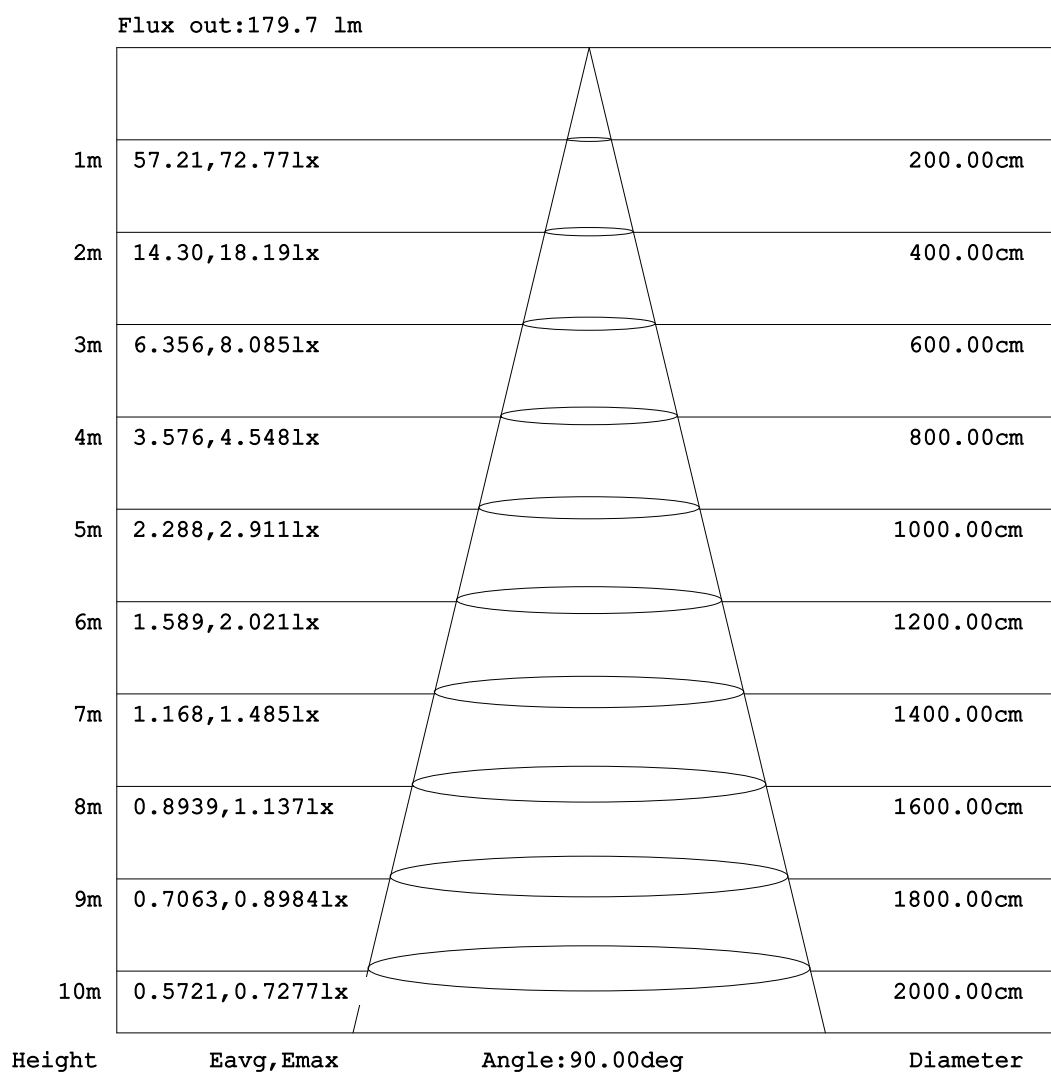
Test:U:120.0V I:0.3862A P:46.06W PF:0.9936 Freq:60.01Hz Lamp Flux:2430.1x1 lm		
NAME: A02-CL30P-16-8X6S-952C5-MVTD-BK 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:



C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 22.5DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
Temperature:25.2℃	Humidity:55.3%
Operators:Dano	Test Distance:2.900m [K=0.8810]
Test Date:2023-07-04	Remarks:

AAI Figure

Test:U:120.0V I:0.3862A P:46.06W PF:0.9936 Freq:60.01Hz Lamp Flux:2430.1x1 lm		
NAME: A02-CL30P-16-8X6S-952C5-MVTD-BK 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:



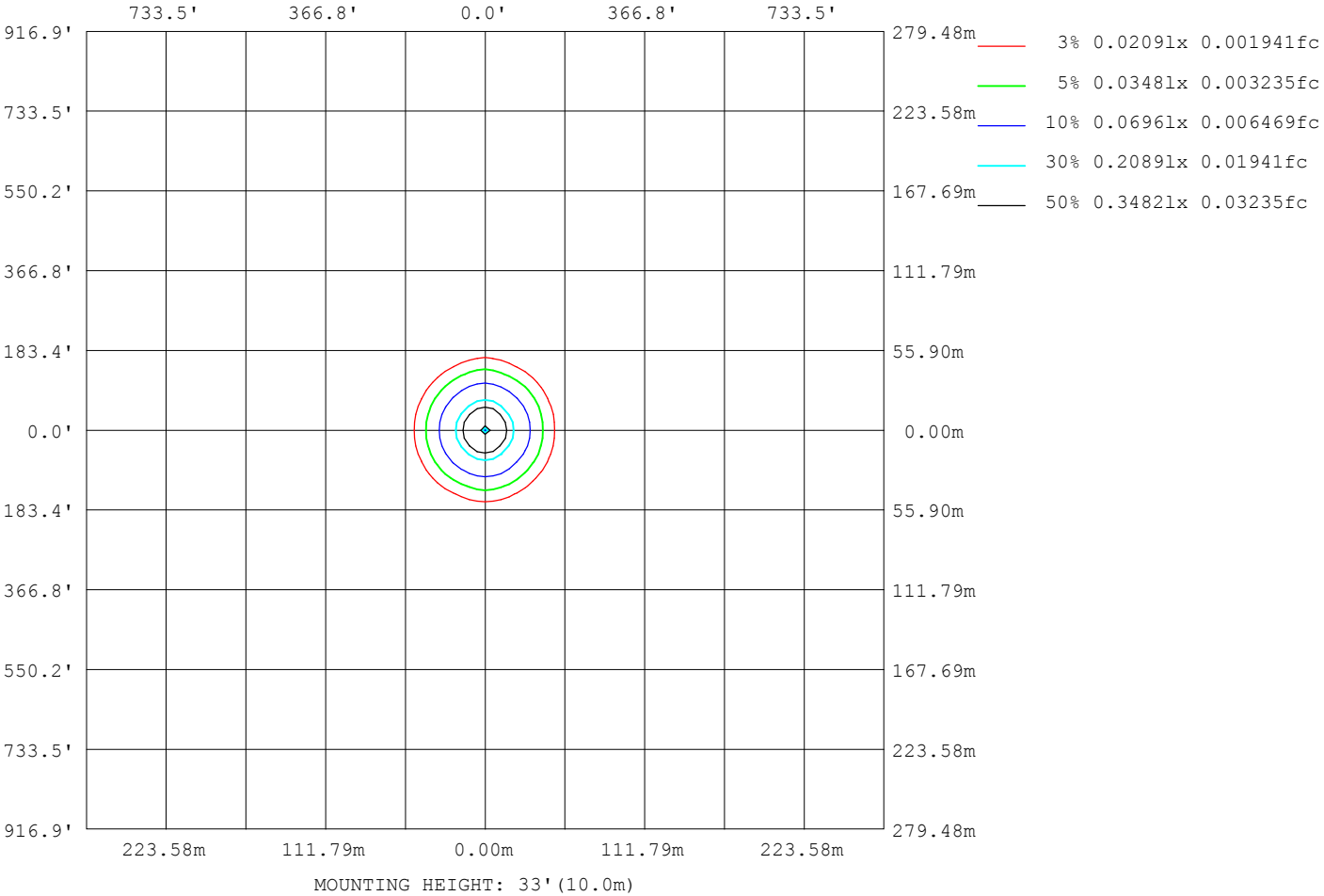
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2℃
Operators:Dano
Test Date:2023-07-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
Humidity:55.3%
Test Distance:2.900m [K=0.8810]
Remarks:

ISOLUX DIAGRAM

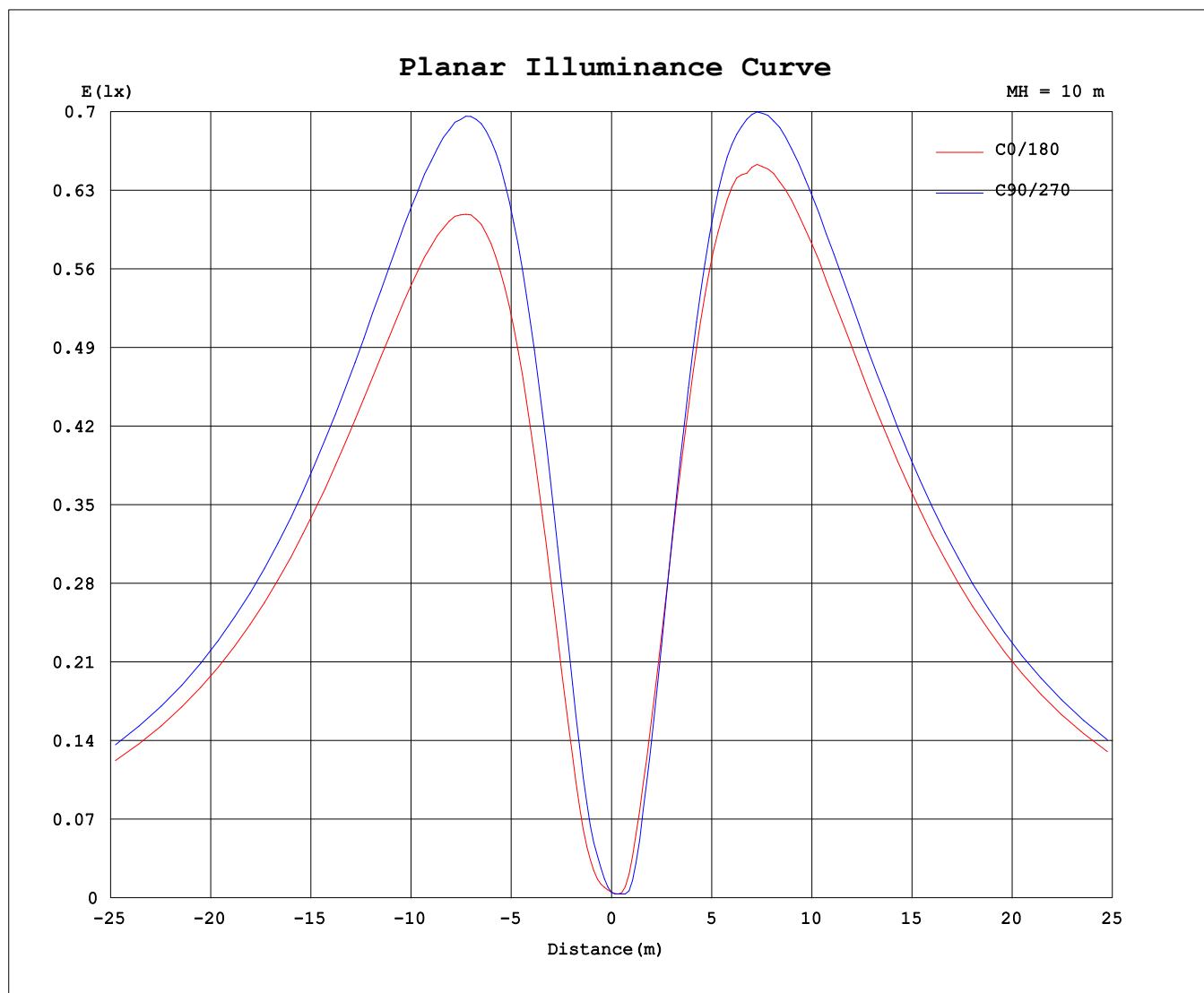
Test:U:120.0V I:0.3862A P:46.06W PF:0.9936 Freq:60.01Hz Lamp Flux:2430.1x1 lm		
NAME: A02-CL30P-16-8X6S-952C5-MVTD-BK 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2℃
Operators:Dano
Test Date:2023-07-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.459
Humidity:55.3%
Test Distance:2.900m [K=0.8810]
Remarks:

Planar Illuminance Curve



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C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.2℃
Operators: Dano
Test Date: 2023-07-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.459
Humidity: 55.3%
Test Distance: 2.900m [K=0.8810]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.3862A P:46.06W PF:0.9936 Freq:60.01Hz Lamp Flux:2430.1x1 lm		
NAME: A02-CL30P-16-8X6S-952C5-MVTD-BK 3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: FOSHAN LEDKEY LIGHTING CO.,LTD.	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51			
5	2.42	3.41	4.78	5.31	5.04	4.42	3.54	2.64	2.12	1.38	0.92	0.77	0.66	0.75	1.26	1.56			
10	10.5	11.6	12.6	14.3	17.2	18.5	16.2	14.5	12.8	11.6	10.6	10.6	11.1	12.5	11.7	9.92			
15	25.3	26.3	26.6	29.7	35.2	38.8	36.6	34.4	28.5	27.7	25.9	27.3	29.0	31.8	28.4	26.3			
20	43.4	43.8	44.3	49.2	56.3	62.5	61.1	58.2	48.4	46.8	45.8	48.0	51.7	55.3	49.8	48.2			
25	64.2	63.4	64.4	70.9	79.4	88.2	87.7	84.4	70.6	67.6	67.7	70.7	76.9	81.2	75.1	72.9			
30	86.2	83.5	85.4	93.7	104	115	115	112	93.8	89.1	90.3	94.4	103	108	102	99.1			
35	108	104	107	117	128	141	143	139	116	110	112	117	129	134	127	125			
40	130	124	128	140	153	166	170	166	139	131	135	141	155	160	155	151			
45	151	143	148	162	176	191	196	192	162	151	156	163	180	186	181	177			
50	171	160	168	183	199	214	219	217	183	170	177	184	204	211	205	201			
55	189	178	186	202	220	235	240	239	202	188	196	204	225	233	227	223			
60	206	193	201	220	238	254	258	260	220	204	212	222	246	253	246	244			
65	221	206	214	235	254	269	274	278	235	217	226	238	263	268	264	262			
70	233	217	224	246	268	274	289	293	248	229	237	250	278	275	280	278			
75	243	225	232	250	278	277	298	303	258	238	245	257	290	279	293	290			
80	249	231	239	250	285	284	306	311	265	244	251	256	297	288	302	299			
85	253	233	241	254	289	289	310	315	268	247	255	258	302	295	308	303			
90	252	233	241	256	288	291	309	315	269	247	255	261	302	299	309	305			
95	249	230	238	251	284	286	305	312	265	244	252	256	300	295	306	302			
100	242	224	231	242	276	278	296	303	259	238	246	248	292	287	298	297			
105	233	215	221	230	265	274	283	292	250	230	237	236	281	281	289	287			
110	221	204	209	216	250	265	268	278	237	219	224	224	267	275	275	273			
115	206	191	195	204	234	247	251	260	221	205	209	217	251	261	258	257			
120	189	175	179	194	214	226	231	240	203	189	192	208	232	241	240	238			
125	171	158	161	181	193	204	208	218	184	172	175	193	211	220	219	217			
130	151	140	143	163	170	181	183	193	163	153	156	172	187	196	195	194			
135	130	121	124	141	146	155	158	168	141	133	137	150	163	171	170	170			
140	109	101	104	119	121	129	131	141	119	112	116	128	137	146	144	145			
145	88.4	81.4	84.6	96.6	97.4	104	106	115	95.2	90.6	93.7	104	111	119	117	119			
150	68.6	61.6	64.0	73.6	72.9	78.0	80.3	88.2	72.2	69.0	71.1	80.5	85.4	92.7	90.8	92.9			
155	49.6	43.0	44.6	51.2	49.7	53.3	56.3	62.0	50.0	47.9	49.4	57.0	60.7	66.6	64.8	67.1			
160	32.1	26.1	26.9	30.7	29.3	31.2	34.6	37.8	29.7	28.4	30.6	35.1	39.0	41.7	41.1	42.3			
165	17.2	13.5	12.5	13.6	12.8	13.9	16.9	17.0	13.6	12.5	14.3	16.8	19.5	20.5	20.4	20.9			
170	5.77	5.63	4.81	3.14	3.30	4.50	4.16	2.62	2.62	2.48	3.18	4.06	5.08	5.83	4.89	4.96			
175	0.57	0.76	0.61	0.28	0.29	0.31	0.32	0.33	0.28	0.25	0.28	0.27	0.30	0.28	0.31	0.30			
180	0.26	0.26	0.26	0.28	0.28	0.29	0.33	0.32	0.26	0.24	0.27	0.27	0.29	0.29	0.31	0.32			

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