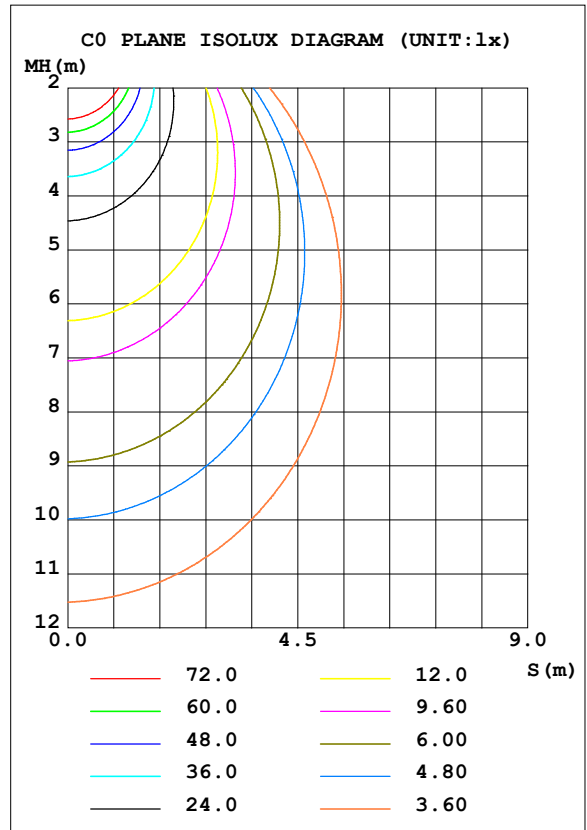
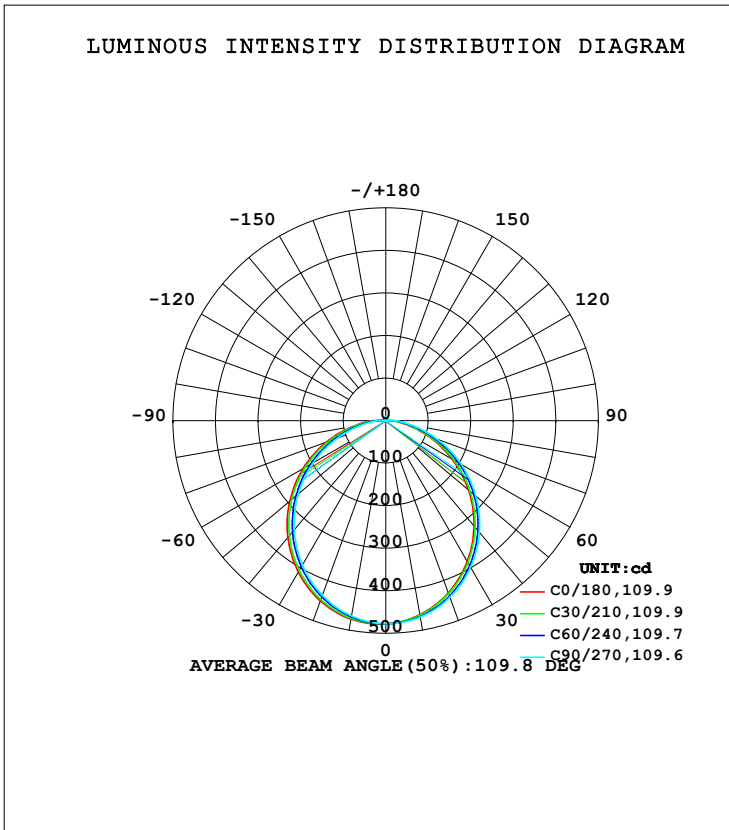


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.27V I:0.0944A P:13.410W PF:0.5910 Freq:49.99Hz Lamp Flux:1373.65x1 lm		
NAME: S18437-最小-4K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 4000K	DIM.: 320x320x82.3mm	SERIAL No.:
MFR.:	SUR.:320x320mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 102.44 lm/W			
MODEL	S18437-最小-4K	I _{max} (cd)	478.7	S/MH (C0/180)	1.28
NOMINAL POWER (W)	13.4099	LOR (%)	100.0	S/MH (C90/270)	1.23
RATED VOLTAGE (V)	240	TOTAL FLUX (lm)	1373.6	η UP, DN (C0-180)	1.1, 48.6
NOMINAL FLUX (lm)	1373.65	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.1, 49.3
LAMPS INSIDE	1	η up (%)	2.1	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	240.269	η down (%)	97.9	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2023-11-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.00.421
Humidity: 65.0%
Test Distance: 11.780m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

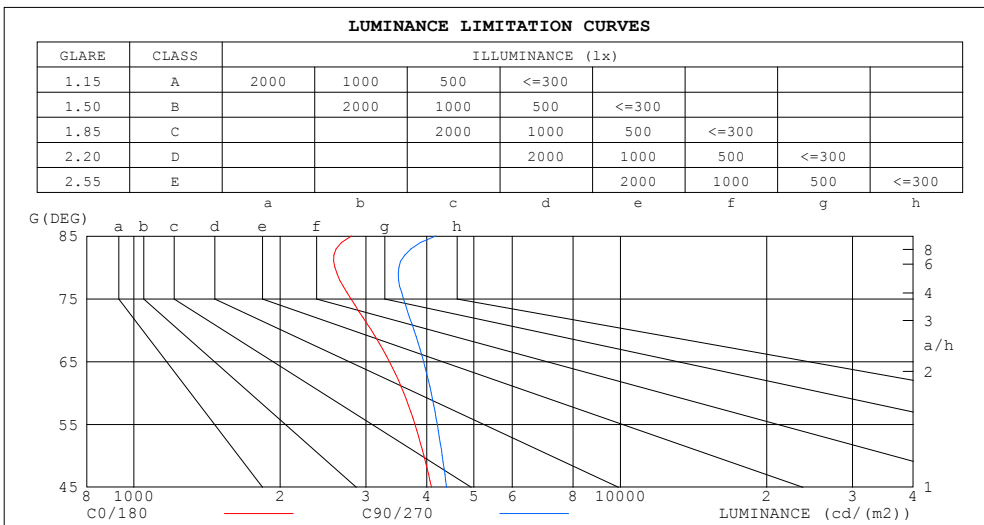
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	☉ zone	☉ total	lum, lamp
10	463.1	465.6	468.7	470.2	473.7	469.9	466.2	464.2	0- 10	45.10	45.10	3.28,3.28
20	430.5	435.6	441.6	444.9	450.7	443.9	436.9	433.6	10- 20	128.6	173.7	12.6,12.6
30	382.7	390.0	398.4	403.3	411.0	401.8	391.9	387.3	20- 30	193.3	366.9	26.7,26.7
40	322.9	332.0	342.4	348.7	358.1	346.9	334.7	328.5	30- 40	230.7	597.6	43.5,43.5
50	253.8	264.7	276.7	284.4	294.8	282.3	268.6	260.7	40- 50	236.9	834.5	60.8,60.8
60	179.5	191.4	204.4	213.1	224.2	211.0	196.3	186.9	50- 60	212.3	1047	76.2,76.2
70	105.3	116.1	128.8	138.0	149.4	136.1	121.5	112.6	60- 70	161.5	1208	88,88
80	44.99	51.90	60.94	68.54	78.49	67.18	55.51	50.23	70- 80	96.27	1305	95,95
90	11.42	14.14	17.75	22.68	27.77	21.87	15.31	13.58	80- 90	39.85	1344	97.9,97.9
100	2.384	2.021	1.845	3.167	5.146	2.984	1.633	2.108	90-100	9.068	1353	98.5,98.5
110	2.818	2.258	2.116	2.059	1.900	1.886	2.037	2.189	100-110	2.166	1356	98.7,98.7
120	3.631	2.987	2.801	2.896	2.871	2.684	2.757	2.935	110-120	2.494	1358	98.9,98.9
130	4.525	3.936	3.486	3.919	4.014	3.581	3.477	3.884	120-130	3.016	1361	99.1,99.1
140	5.367	4.933	4.370	5.172	4.951	4.616	4.265	4.916	130-140	3.349	1365	99.3,99.3
150	6.069	5.796	6.052	6.545	5.878	5.878	5.859	5.784	140-150	3.383	1368	99.6,99.6
160	6.979	6.476	7.214	7.365	6.781	6.879	6.641	6.316	150-160	2.977	1371	99.8,99.8
170	7.534	7.270	7.466	7.864	7.457	7.370	6.779	6.954	160-170	1.996	1373	99.9,99.9
180	8.644	9.203	8.722	8.809	8.644	9.199	8.713	8.817	170-180	0.7730	1374	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:11.780m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:240.27V I:0.0944A P:13.410W PF:0.5910 Freq:49.99Hz Lamp Flux:1373.65x1 lm		
NAME: S18437- 最小 -4K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 4000K	DIM.: 320x320x82.3mm	SERIAL No.:
MFR.:	SUR.:320x320mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2805	4174
80	2591	3509
75	2794	3580
70	3077	3765
65	3353	3941
60	3590	4088
55	3783	4204
50	3949	4305
45	4091	4393

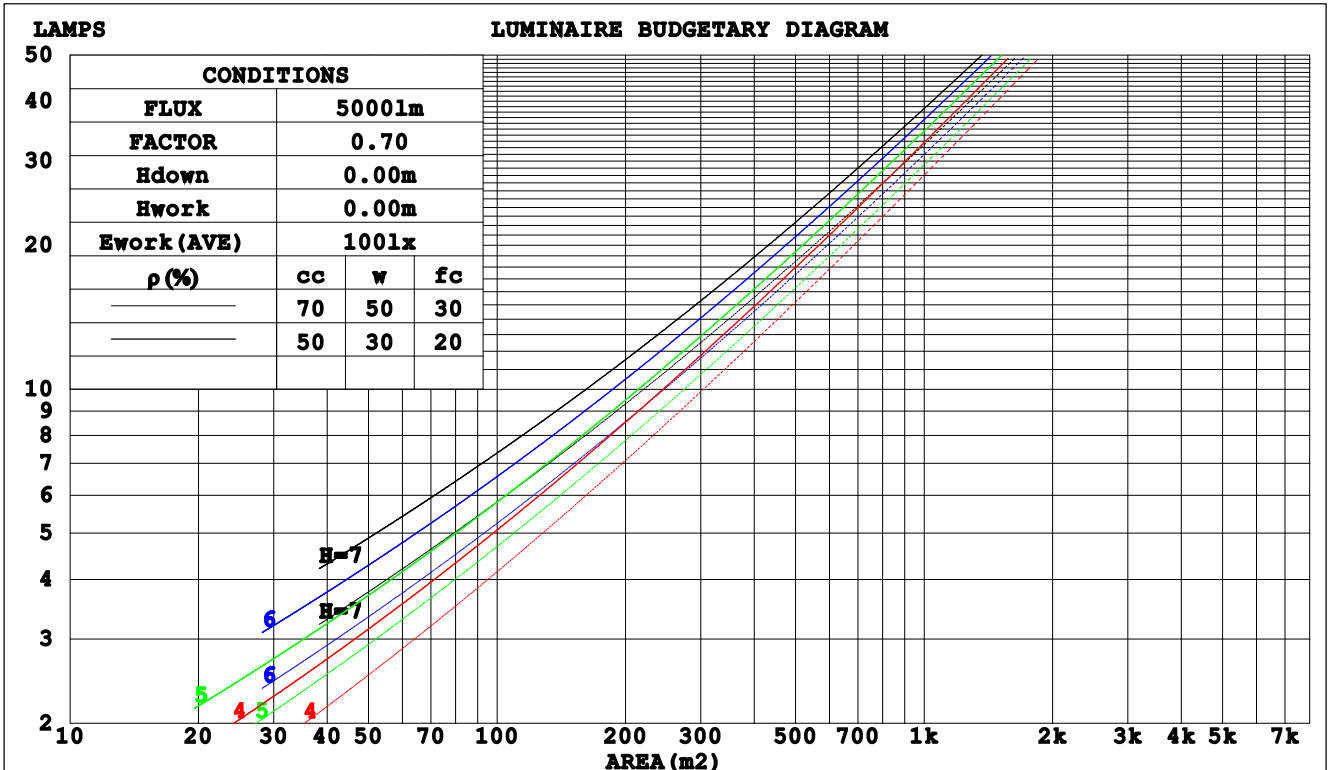
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-11-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:11.780m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.27V I:0.0944A P:13.410W PF:0.5910 Freq:49.99Hz Lamp Flux:1373.65x1 lm		
NAME: S18437-最小-4K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 4000K	DIM.: 320x320x82.3mm	SERIAL No.:
MFR.:	SUR.:320x320mm	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																0
pfc																0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	.98
1.0	1.03	.98	.94	1.00	.96	.93	.96	.92	.89	.91	.89	.86	.87	.85	.83	.81
2.0	.90	.83	.77	.87	.81	.76	.84	.78	.74	.80	.75	.72	.77	.73	.70	.67
3.0	.79	.70	.64	.77	.69	.63	.74	.67	.62	.70	.65	.60	.68	.63	.59	.57
4.0	.70	.61	.54	.68	.60	.53	.65	.58	.52	.63	.57	.52	.60	.55	.51	.48
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.45	.56	.50	.45	.54	.49	.44	.42
6.0	.56	.47	.41	.55	.46	.40	.53	.45	.40	.51	.44	.39	.49	.43	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.46	.40	.35	.45	.39	.34	.32
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.31	.43	.36	.31	.41	.35	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.37	.31	.26	.36	.30	.25	.35	.30	.25	.24



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:11.780m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:240.27V I:0.0944A P:13.410W PF:0.5910 Freq:49.99Hz Lamp Flux:1373.65x1 lm		
NAME: S18437-最小-4K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 4000K	DIM.: 320x320x82.3mm	SERIAL No.:
MFR.:	SUR.:320x320mm	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	.319	.181	.057	.311	.178	.056	.297	.170	.054	.284	.164	.052	.271	.157	.051	
2.0	.295	.162	.050	.289	.159	.049	.276	.153	.048	.264	.148	.046	.253	.143	.045	
3.0	.272	.145	.043	.266	.142	.043	.254	.138	.042	.244	.133	.041	.234	.129	.040	
4.0	.250	.130	.038	.244	.128	.038	.234	.124	.037	.225	.121	.036	.216	.117	.036	
5.0	.231	.117	.034	.226	.116	.034	.217	.113	.033	.208	.110	.033	.200	.107	.032	
6.0	.214	.107	.031	.209	.106	.030	.201	.103	.030	.194	.101	.030	.186	.098	.029	
7.0	.199	.098	.028	.195	.097	.028	.187	.095	.027	.181	.093	.027	.174	.091	.027	
8.0	.185	.091	.025	.182	.090	.025	.175	.088	.025	.169	.086	.025	.163	.084	.024	
9.0	.174	.084	.023	.171	.083	.023	.165	.081	.023	.159	.080	.023	.154	.078	.023	
10.0	.163	.078	.022	.160	.077	.022	.155	.076	.021	.150	.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	.207	.207	.207	.177	.177	.177	.121	.121	.121	.069	.069	.069	.022	.022	.022	
1.0	.197	.172	.150	.169	.148	.129	.115	.102	.089	.066	.059	.052	.021	.019	.017	
2.0	.189	.148	.114	.162	.128	.099	.111	.088	.069	.064	.051	.040	.021	.017	.013	
3.0	.181	.131	.091	.155	.113	.079	.107	.078	.055	.062	.046	.032	.020	.015	.011	
4.0	.174	.118	.075	.149	.102	.065	.102	.071	.046	.059	.041	.027	.019	.014	.009	
5.0	.166	.107	.064	.143	.093	.056	.098	.065	.039	.057	.038	.023	.018	.012	.008	
6.0	.159	.099	.056	.137	.086	.049	.094	.060	.034	.055	.035	.020	.018	.012	.007	
7.0	.152	.092	.050	.131	.080	.044	.090	.056	.031	.053	.033	.018	.017	.011	.006	
8.0	.146	.086	.046	.125	.075	.040	.087	.053	.028	.050	.031	.017	.016	.010	.006	
9.0	.140	.081	.042	.120	.071	.037	.083	.050	.026	.049	.029	.016	.016	.010	.005	
10.0	.134	.077	.039	.115	.067	.034	.080	.047	.024	.047	.028	.015	.015	.009	.005	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:11.780m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:240.27V I:0.0944A P:13.410W PF:0.5910 Freq:49.99Hz Lamp Flux:1373.65x1 lm										
NAME: S18437-最小-4K					TYPE:LED CEILING LAMP			WEIGHT:		
SPEC.:13W 4000K					DIM.: 320x320x82.3mm			SERIAL No.:		
MFR.:					SUR.:320x320mm			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	17.1	18.6	17.4	18.8	19.1	17.6	19.1	17.9	19.3	19.6
3H	18.4	19.8	18.7	20.1	20.3	19.1	20.5	19.5	20.8	21.1
4H	18.9	20.2	19.3	20.5	20.8	19.8	21.1	20.1	21.4	21.7
6H	19.3	20.5	19.7	20.8	21.2	20.3	21.5	20.6	21.8	22.1
8H	19.4	20.6	19.8	20.9	21.3	20.5	21.7	20.9	22.0	22.3
12H	19.5	20.7	19.9	21.0	21.4	20.7	21.8	21.1	22.2	22.5
4H 2H	17.7	19.0	18.1	19.3	19.6	18.1	19.4	18.5	19.7	20.0
3H	19.2	20.4	19.6	20.7	21.0	19.8	21.0	20.2	21.3	21.7
4H	19.8	20.9	20.2	21.2	21.6	20.6	21.6	21.0	22.0	22.4
6H	20.3	21.3	20.8	21.7	22.1	21.2	22.2	21.7	22.6	23.0
8H	20.5	21.4	21.0	21.8	22.2	21.5	22.4	22.0	22.8	23.2
12H	20.7	21.5	21.2	21.9	22.4	21.8	22.6	22.3	23.0	23.5
8H 4H	20.1	21.0	20.6	21.4	21.8	20.8	21.7	21.2	22.1	22.5
6H	20.8	21.5	21.3	22.0	22.4	21.6	22.3	22.1	22.8	23.3
8H	21.1	21.7	21.6	22.2	22.7	22.0	22.7	22.5	23.1	23.6
12H	21.3	21.9	21.9	22.4	22.9	22.4	23.0	22.9	23.5	24.0
12H 4H	20.1	21.0	20.6	21.4	21.8	20.8	21.6	21.3	22.0	22.5
6H	20.9	21.5	21.4	22.0	22.5	21.7	22.3	22.2	22.8	23.3
8H	21.2	21.8	21.7	22.3	22.8	22.1	22.7	22.6	23.2	23.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 1374 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 1.1)
 Area: 0.1 m2

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:11.780m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:240.27V I:0.0944A P:13.410W PF:0.5910 Freq:49.99Hz Lamp Flux:1373.65x1 lm		
NAME: S18437-最小-4K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 4000K	DIM.: 320x320x82.3mm	SERIAL No.:
MFR.:	SUR.:320x320mm	Shielding Angle:

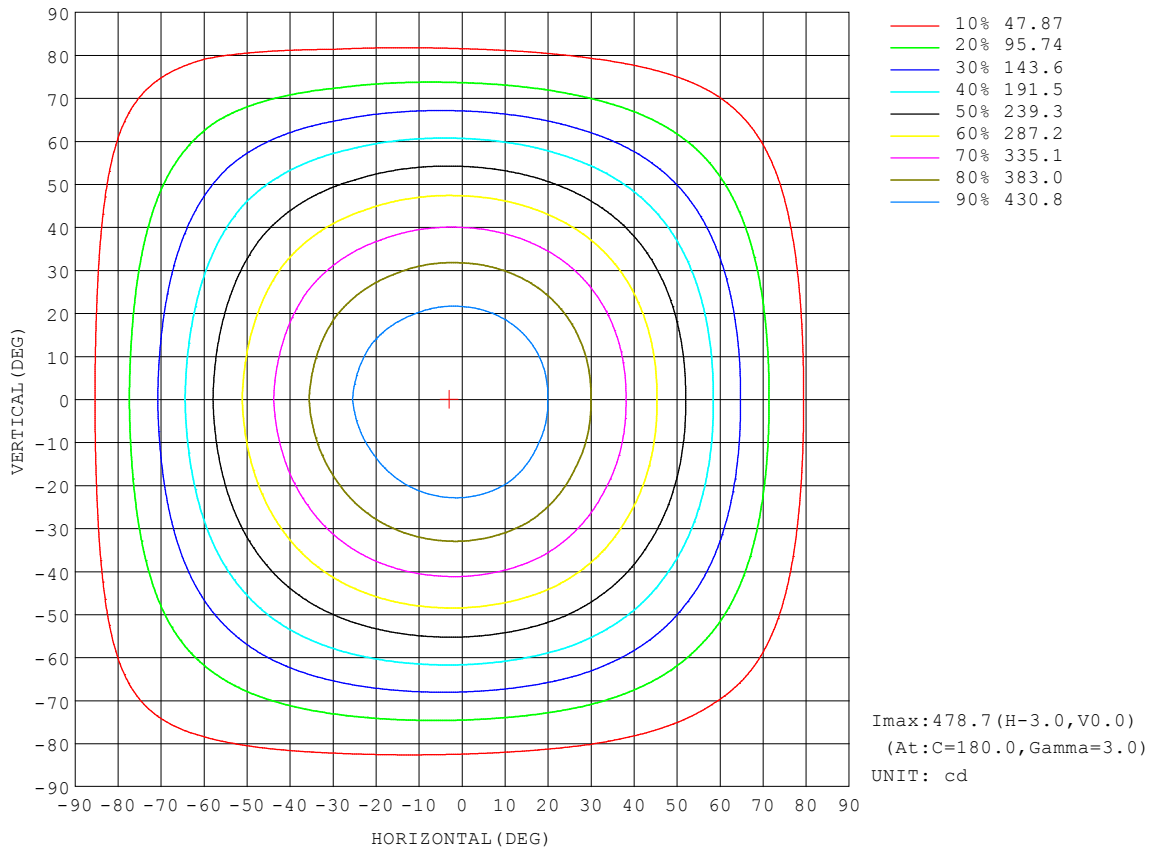
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	47	64	54	47	40
1.00	75	64	56	74	63	56	71	64	55	48
1.25	82	71	64	81	71	64	78	69	63	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	78	92	84	78	88	81	76	68
2.50	98	90	84	96	88	83	91	85	80	72
3.00	101	94	88	99	92	87	94	89	85	76
4.00	105	99	94	103	97	93	98	94	90	80
5.00	108	103	98	105	100	97	100	96	93	83
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:11.780m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:240.27V I:0.0944A P:13.410W PF:0.5910 Freq:49.99Hz Lamp Flux:1373.65x1 lm		
NAME: S18437-最小-4K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 4000K	DIM.: 320x320x82.3mm	SERIAL No.:
MFR.:	SUR.:320x320mm	Shielding Angle:



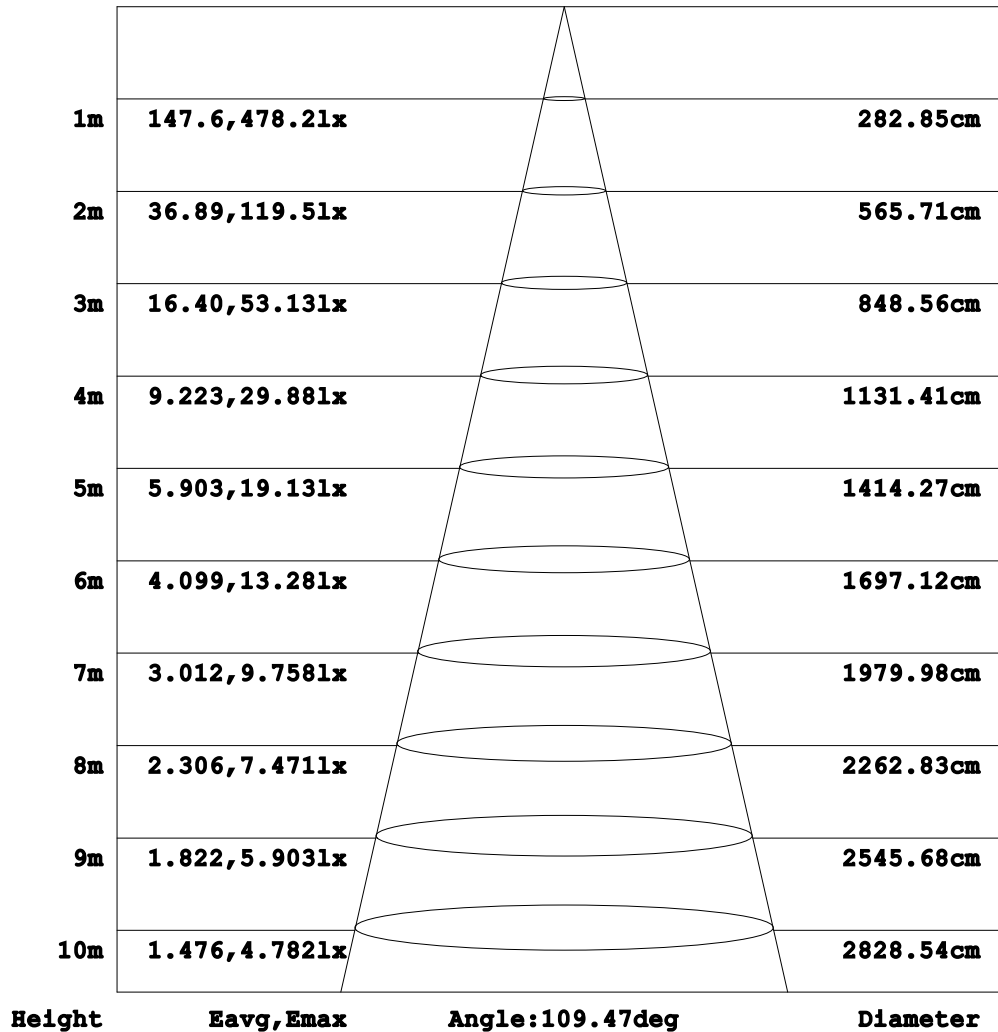
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2023-11-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.00.421
Humidity: 65.0%
Test Distance: 11.780m [K=1.0000]
Remarks:

AAI Figure

Test:U:240.27V I:0.0944A P:13.410W PF:0.5910 Freq:49.99Hz Lamp Flux:1373.65x1 lm		
NAME: S18437-最小-4K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 4000K	DIM.: 320x320x82.3mm	SERIAL No.:
MFR.:	SUR.:320x320mm	Shielding Angle:

Flux out:945.5 lm



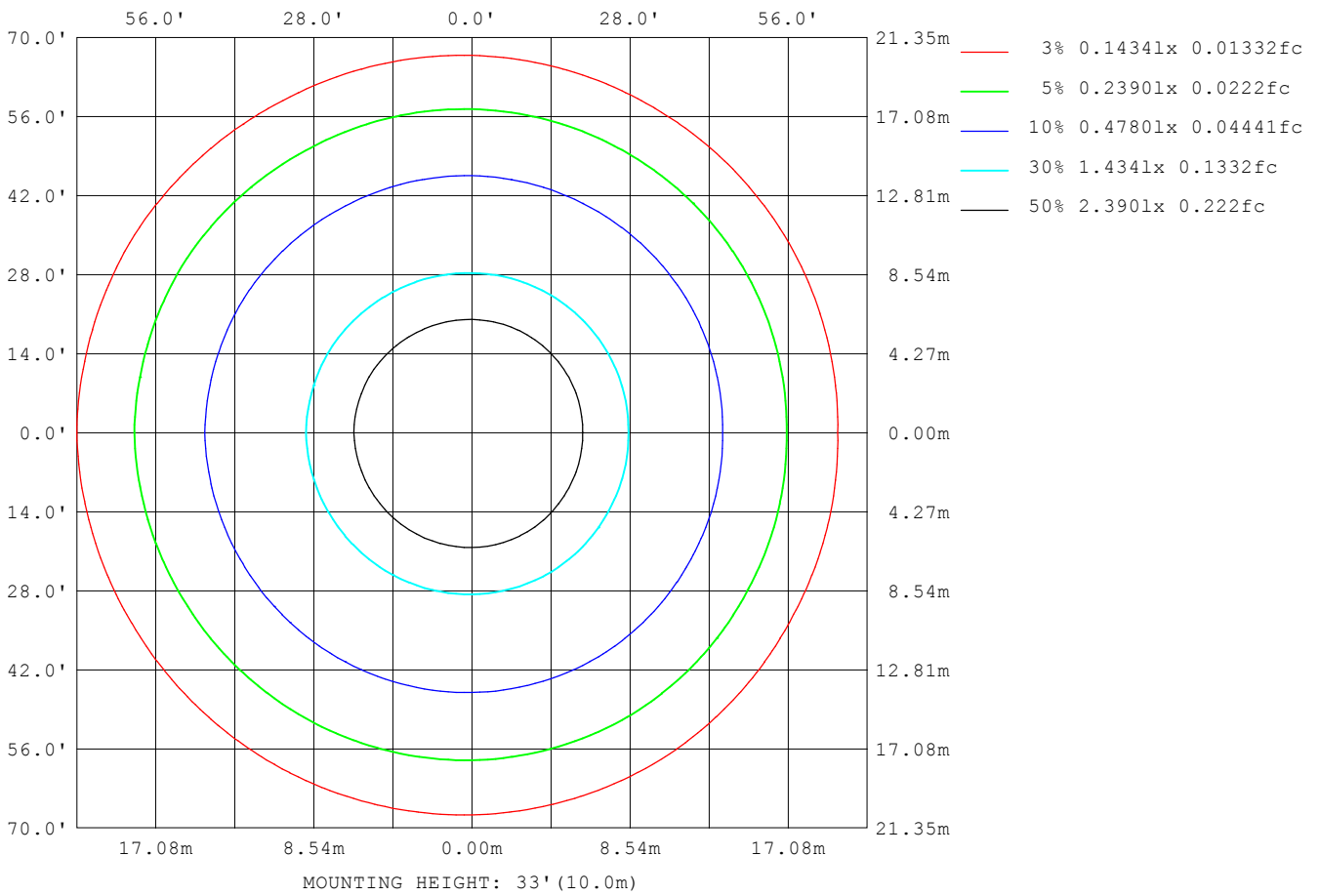
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:11.780m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:240.27V I:0.0944A P:13.410W PF:0.5910 Freq:49.99Hz Lamp Flux:1373.65x1 lm		
NAME: S18437-最小-4K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 4000K	DIM.: 320x320x82.3mm	SERIAL No.:
MFR.:	SUR.:320x320mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-11-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:11.780m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:240.27V I:0.0944A P:13.410W PF:0.5910 Freq:49.99Hz Lamp Flux:1373.65x1 lm		
NAME: S18437- 最小 -4K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 4000K	DIM.: 320x320x82.3mm	SERIAL No.:
MFR.:	SUR.:320x320mm	Shielding Angle:

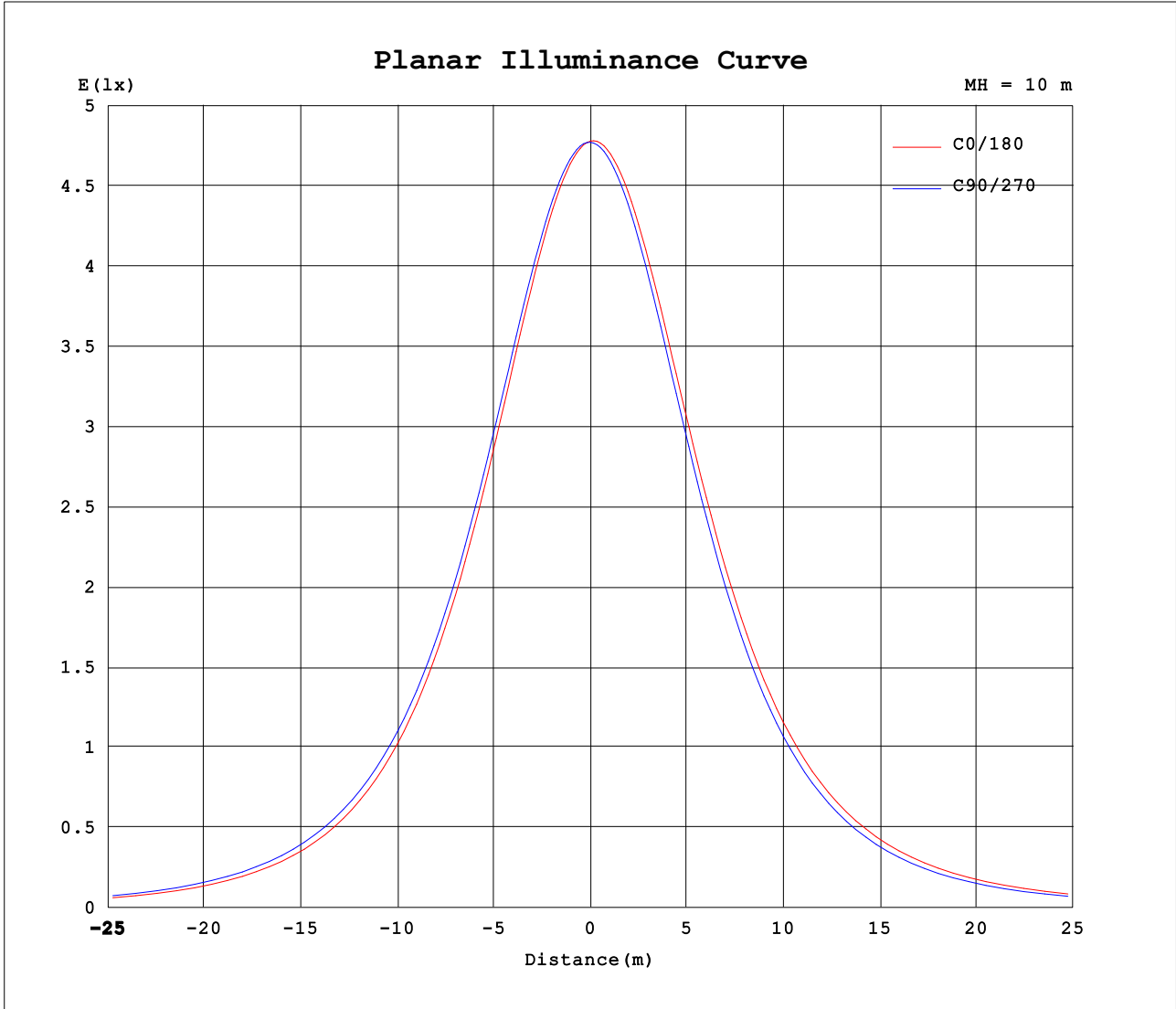
AvgL	cd/m2
L_0~180 (65) av	3890
L_0~180 (75) av	3567
L_0~180 (85) av	4255
L_90~270 (65) av	3850
L_90~270 (75) av	3452
L_90~270 (85) av	3943
L_45 (65) av	3854
L_45 (75) av	3484
L_45 (85) av	4040

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:11.780m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-11-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:11.780m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.27V I:0.0944A P:13.410W PF:0.5910 Freq:49.99Hz Lamp Flux:1373.65x1 lm		
NAME: S18437-最小-4K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 4000K	DIM.: 320x320x82.3mm	SERIAL No.:
MFR.:	SUR.:320x320mm	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330							
0	478	477	478	477	477	477	478	477	478	477	477	477							
5	473	473	475	475	476	476	478	477	475	474	473	473							
10	463	464	467	469	470	471	474	472	468	466	465	464							
15	449	451	455	457	459	460	464	462	457	454	452	450							
20	430	433	439	442	444	446	451	447	441	437	435	433							
25	408	411	418	422	425	427	433	429	421	416	413	411							
30	383	386	394	398	402	405	411	406	397	392	389	386							
35	354	358	367	372	376	379	386	381	370	365	361	358							
40	323	327	337	342	347	351	358	353	341	335	330	327							
45	289	294	305	311	315	320	328	322	309	303	297	294							
50	254	259	270	277	282	287	295	289	276	269	263	259							
55	217	223	234	241	247	252	260	254	241	233	227	222							
60	180	185	197	204	210	216	224	218	204	196	189	185							
65	142	147	159	167	173	179	187	181	167	159	151	147							
70	105	110	122	129	135	141	149	143	129	121	115	110							
75	72.3	76.2	86.2	92.7	98.4	104	112	106	93.1	86.0	80.5	76.9							
80	45.0	48.1	55.7	60.9	65.9	71.2	78.5	73.1	61.3	55.5	51.4	49.0							
85	24.4	26.6	32.7	36.4	39.7	44.2	49.7	45.5	36.2	32.3	29.9	27.4							
90	11.4	12.4	15.9	17.7	21.4	24.0	27.8	24.7	19.0	15.3	14.1	13.0							
95	4.64	4.59	5.40	6.08	8.62	10.7	13.0	11.1	6.99	4.92	4.88	4.93							
100	2.38	2.04	2.01	1.85	2.47	3.87	5.15	3.95	2.02	1.63	2.07	2.14							
105	2.37	2.08	1.79	1.82	1.79	1.86	2.22	1.66	1.61	1.72	1.84	1.99							
110	2.82	2.42	2.10	2.12	2.10	2.02	1.90	1.86	1.91	2.04	2.12	2.26							
115	3.23	2.81	2.42	2.44	2.50	2.42	2.32	2.24	2.29	2.39	2.38	2.68							
120	3.63	3.21	2.76	2.80	2.92	2.87	2.87	2.66	2.71	2.76	2.78	3.09							
125	4.07	3.69	3.14	3.14	3.33	3.43	3.43	3.12	3.11	3.12	3.16	3.59							
130	4.52	4.16	3.71	3.49	3.82	4.02	4.01	3.59	3.57	3.48	3.62	4.14							
135	4.95	4.64	4.22	3.84	4.36	4.67	4.47	4.08	4.08	3.87	4.15	4.67							
140	5.37	5.19	4.67	4.37	4.95	5.39	4.95	4.68	4.55	4.27	4.60	5.24							
145	5.71	5.71	5.07	5.21	5.73	6.03	5.41	5.24	5.12	4.84	4.95	5.71							
150	6.07	6.10	5.49	6.05	6.61	6.48	5.88	5.74	6.02	5.86	5.43	6.14							
155	6.63	6.30	5.99	6.81	7.19	6.82	6.34	6.16	6.72	6.61	5.96	6.27							
160	6.98	6.52	6.43	7.21	7.49	7.24	6.78	6.67	7.08	6.64	6.23	6.41							
165	7.32	6.88	6.85	7.33	7.74	7.55	7.11	7.06	7.18	6.62	6.51	6.68							
170	7.53	7.28	7.26	7.47	7.92	7.81	7.46	7.46	7.28	6.78	6.82	7.08							
175	7.94	8.75	9.12	8.81	8.49	8.51	8.50	8.79	8.59	8.31	8.58	8.33							
180	8.64	9.14	9.27	8.72	8.89	8.73	8.64	9.11	9.29	8.71	8.90	8.73							

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