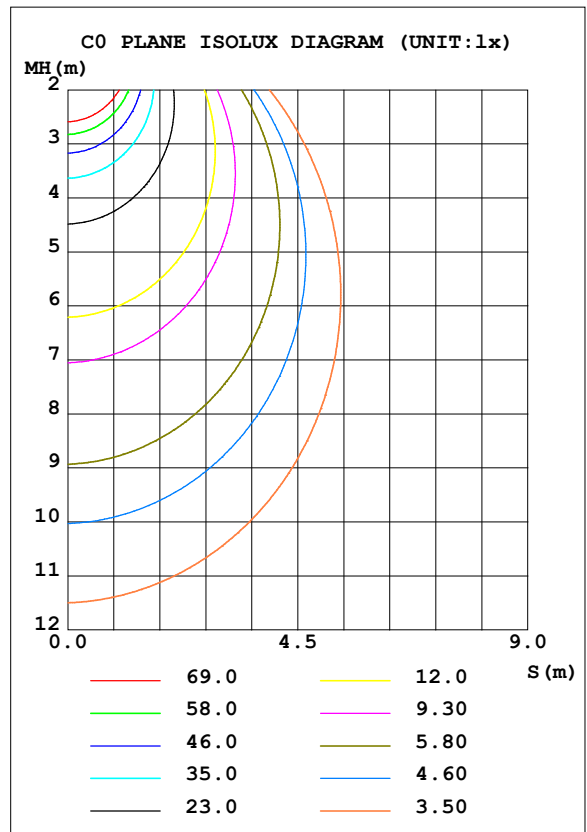
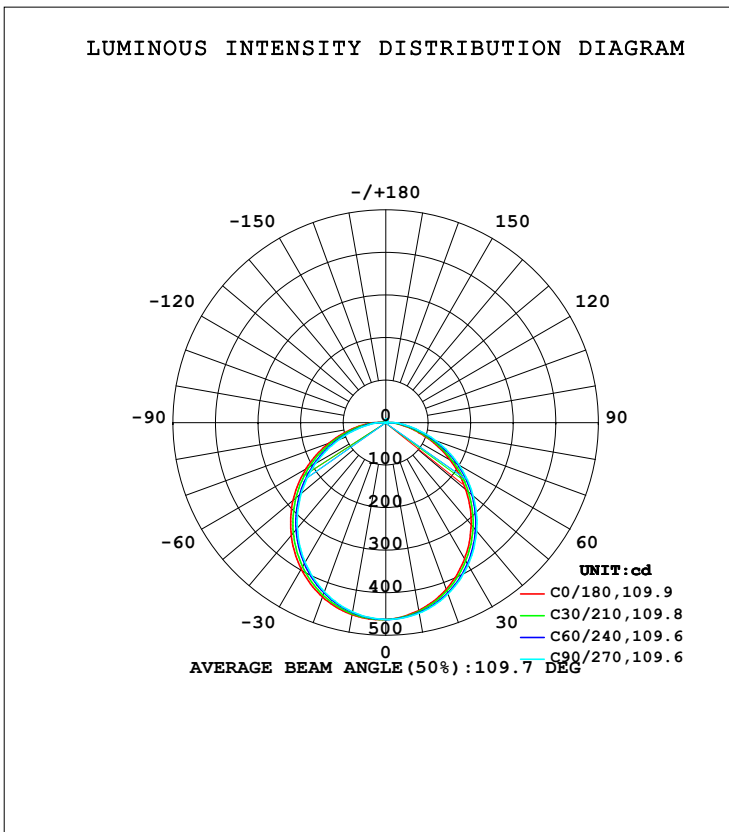


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.28V I:0.0950A P:12.981W PF:0.5689 Freq:49.99Hz Lamp Flux:1329.56x1 lm		
NAME: S18437-最小-3K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 3000K	DIM.: 320x320x82.3mm	SERIAL No.:
MFR.:	SUR.:320x320mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 102.42 lm/W			
MODEL	S18437-最小-3K	I <sub>max</sub> (cd)	463.3	S/MH (C0/180)	1.28
NOMINAL POWER (W)	12.9811	LOR (%)	100.0	S/MH (C90/270)	1.23
RATED VOLTAGE (V)	240	TOTAL FLUX (lm)	1329.6	η UP, DN (C0-180)	1.0, 48.7
NOMINAL FLUX (lm)	1329.56	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.0, 49.2
LAMPS INSIDE	1	η up (%)	2.1	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	240.279	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:

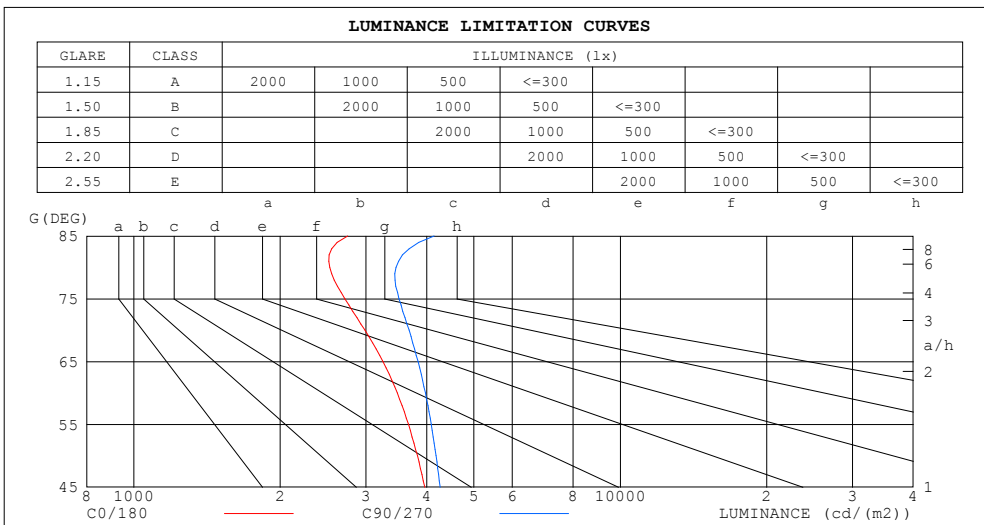
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	☉ zone	☉ total	lum, lamp
10	448.2	451.9	454.6	455.2	458.4	454.5	451.6	450.5	0- 10	43.69	43.69	3.29,3.29
20	416.5	423.4	428.5	430.1	435.9	428.5	423.0	421.3	10- 20	124.6	168.3	12.7,12.7
30	370.2	379.7	386.6	389.3	397.4	387.0	379.2	376.8	20- 30	187.2	355.4	26.7,26.7
40	312.3	323.9	332.4	335.9	346.0	333.2	323.8	320.1	30- 40	223.4	578.8	43.5,43.5
50	246.0	259.1	268.8	273.3	284.7	270.3	259.5	254.6	40- 50	229.3	808.2	60.8,60.8
60	174.1	188.2	198.8	204.1	216.3	201.0	189.3	183.2	50- 60	205.5	1014	76.2,76.2
70	102.1	115.4	125.9	131.4	144.0	128.5	116.9	111.0	60- 70	156.3	1170	88,88
80	43.90	52.64	60.06	64.83	75.63	62.57	53.70	50.37	70- 80	93.21	1263	95,95
90	11.28	15.14	18.04	21.40	26.91	20.09	14.79	13.96	80- 90	38.76	1302	97.9,97.9
100	2.263	2.046	2.180	3.067	5.025	2.610	1.650	2.115	90-100	8.896	1311	98.6,98.6
110	2.661	2.116	2.003	1.955	1.744	1.808	1.994	2.098	100-110	2.063	1313	98.7,98.7
120	3.441	2.796	2.714	2.770	2.602	2.523	2.696	2.814	110-120	2.366	1315	98.9,98.9
130	4.300	3.550	3.416	3.697	3.547	3.381	3.406	3.642	120-130	2.847	1318	99.1,99.1
140	5.072	4.474	4.110	4.752	4.353	4.283	4.127	4.669	130-140	3.121	1321	99.4,99.4
150	5.686	5.297	5.376	5.813	5.142	5.346	5.443	5.657	140-150	3.114	1324	99.6,99.6
160	6.494	5.895	6.425	6.576	5.922	6.264	6.242	6.130	150-160	2.725	1327	99.8,99.8
170	6.953	6.637	6.677	7.045	6.608	6.745	6.346	6.698	160-170	1.829	1329	99.9,99.9
180	7.864	8.401	7.864	8.115	7.864	8.401	7.864	8.124	170-180	0.7068	1330	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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:240.28V I:0.0950A P:12.981W PF:0.5689 Freq:49.99Hz Lamp Flux:1329.56x1 lm		
NAME: S18437- <del>最小</del> -3K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 3000K	DIM.: 320x320x82.3mm	SERIAL No.:
MFR.:	SUR.:320x320mm	Shielding Angle:



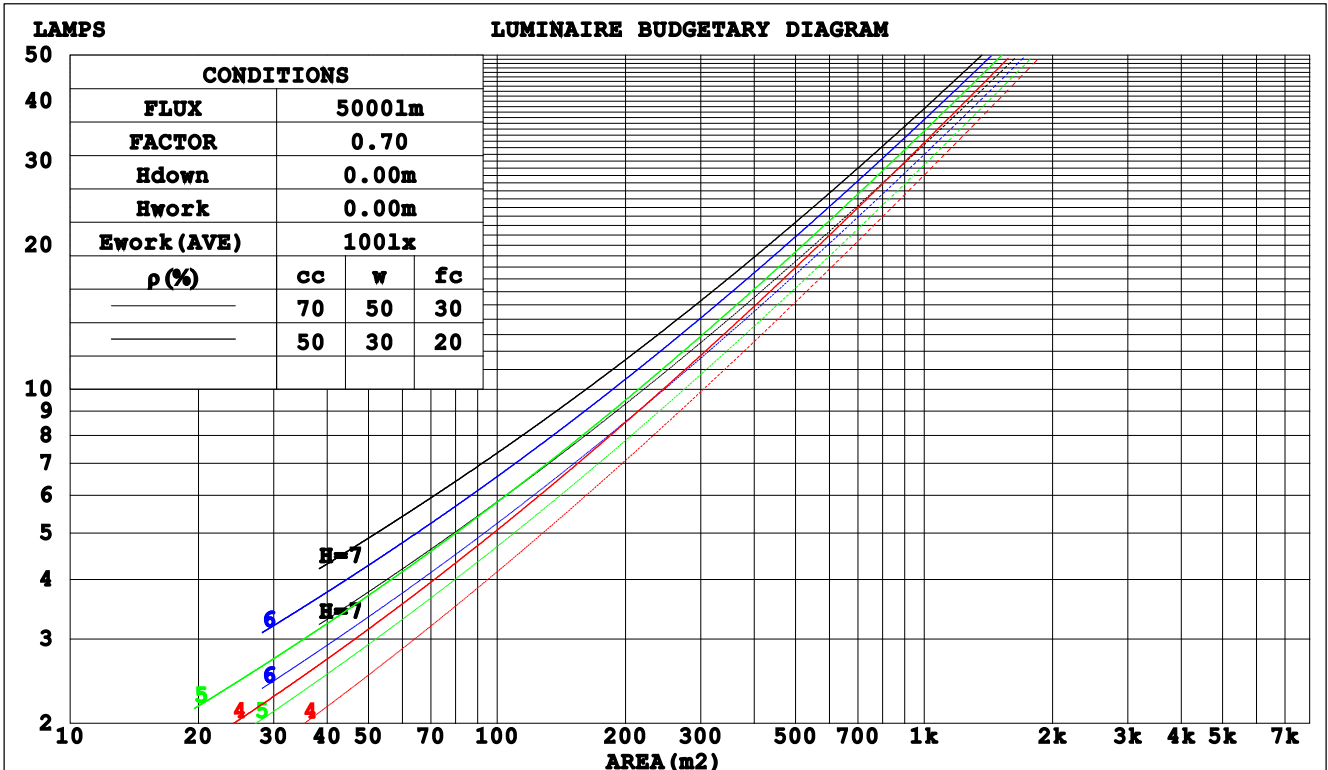
**C Range: 0 - 360DEG**  
**C Interval: 30.0DEG**  
**Test Speed: HIGH**  
**Temperature:25.3DEG**  
**Operators:**  
**Test Date:2023-11-27**

**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:**

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.28V I:0.0950A P:12.981W PF:0.5689 Freq:49.99Hz Lamp Flux:1329.56x1 lm		
NAME: S18437-最小-3K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 3000K	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																
pfc																
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	.88	.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	.71	.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	.26	.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:240.28V I:0.0950A P:12.981W PF:0.5689 Freq:49.99Hz Lamp Flux:1329.56x1 lm		
NAME: S18437-最小-3K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 3000K	DIM.: 320x320x82.3mm	SERIAL No.:
MFR.:	SUR.:320x320mm	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Wall Exitance Coefficients (WEC)</b>									
0.0																
1.0	.319	.182	.058	.312	.178	.056	.297	.170	.054	.284	.164	.053	.271	.157	.051	
2.0	.296	.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	.134	.041	.234	.130	.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	.187	.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	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Ceiling Cavity Exitance Coefficients (CCEC)</b>									
0.0	.206	.206	.206	.176	.176	.176	.120	.120	.120	.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	.127	.098	.111	.088	.069	.064	.051	.040	.021	.017	.013	
3.0	.181	.130	.090	.155	.113	.078	.107	.078	.055	.062	.046	.032	.020	.015	.011	
4.0	.173	.117	.074	.149	.101	.065	.102	.071	.046	.059	.041	.027	.019	.013	.009	
5.0	.166	.107	.063	.142	.092	.055	.098	.065	.039	.057	.038	.023	.018	.012	.008	
6.0	.159	.099	.056	.136	.085	.048	.094	.060	.034	.055	.035	.020	.018	.011	.007	
7.0	.152	.092	.050	.131	.079	.043	.090	.056	.031	.052	.033	.018	.017	.011	.006	
8.0	.145	.086	.045	.125	.075	.039	.087	.052	.028	.050	.031	.017	.016	.010	.006	
9.0	.139	.081	.042	.120	.070	.036	.083	.049	.026	.048	.029	.015	.016	.010	.005	
10.0	.133	.077	.039	.115	.067	.034	.080	.047	.024	.047	.028	.014	.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:240.28V I:0.0950A P:12.981W PF:0.5689 Freq:49.99Hz Lamp Flux:1329.56x1 lm		
NAME: S18437-最小-3K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 3000K	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	17.0	18.5	17.3	18.8	19.0	17.5	19.0	17.8	19.3	19.5
3H	18.4	19.8	18.7	20.0	20.3	19.1	20.5	19.4	20.7	21.0
4H	18.9	20.2	19.2	20.5	20.8	19.7	21.0	20.1	21.3	21.6
6H	19.3	20.5	19.6	20.8	21.1	20.2	21.5	20.6	21.8	22.1
8H	19.4	20.6	19.8	20.9	21.3	20.5	21.7	20.8	22.0	22.3
12H	19.5	20.7	19.9	21.0	21.3	20.7	21.8	21.1	22.2	22.5
4H 2H	17.7	19.0	18.0	19.3	19.6	18.1	19.4	18.4	19.7	20.0
3H	19.2	20.3	19.6	20.7	21.0	19.8	21.0	20.2	21.3	21.6
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	22.5	21.6	22.4	22.1	22.8	23.3
8H	21.1	21.8	21.6	22.2	22.7	22.0	22.7	22.5	23.2	23.7
12H	21.4	22.0	21.9	22.4	23.0	22.5	23.0	23.0	23.5	24.0
12H 4H	20.2	21.0	20.6	21.4	21.8	20.8	21.6	21.3	22.0	22.5
6H	20.9	21.6	21.4	22.0	22.5	21.7	22.3	22.2	22.8	23.3
8H	21.3	21.8	21.8	22.3	22.8	22.2	22.7	22.7	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 / - 0.4					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 1330 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 1.0)  
 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:240.28V I:0.0950A P:12.981W PF:0.5689 Freq:49.99Hz Lamp Flux:1329.56x1 lm		
NAME: S18437-最小-3K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 3000K	DIM.: 320x320x82.3mm	SERIAL No.:
MFR.:	SUR.:320x320mm	Shielding Angle:

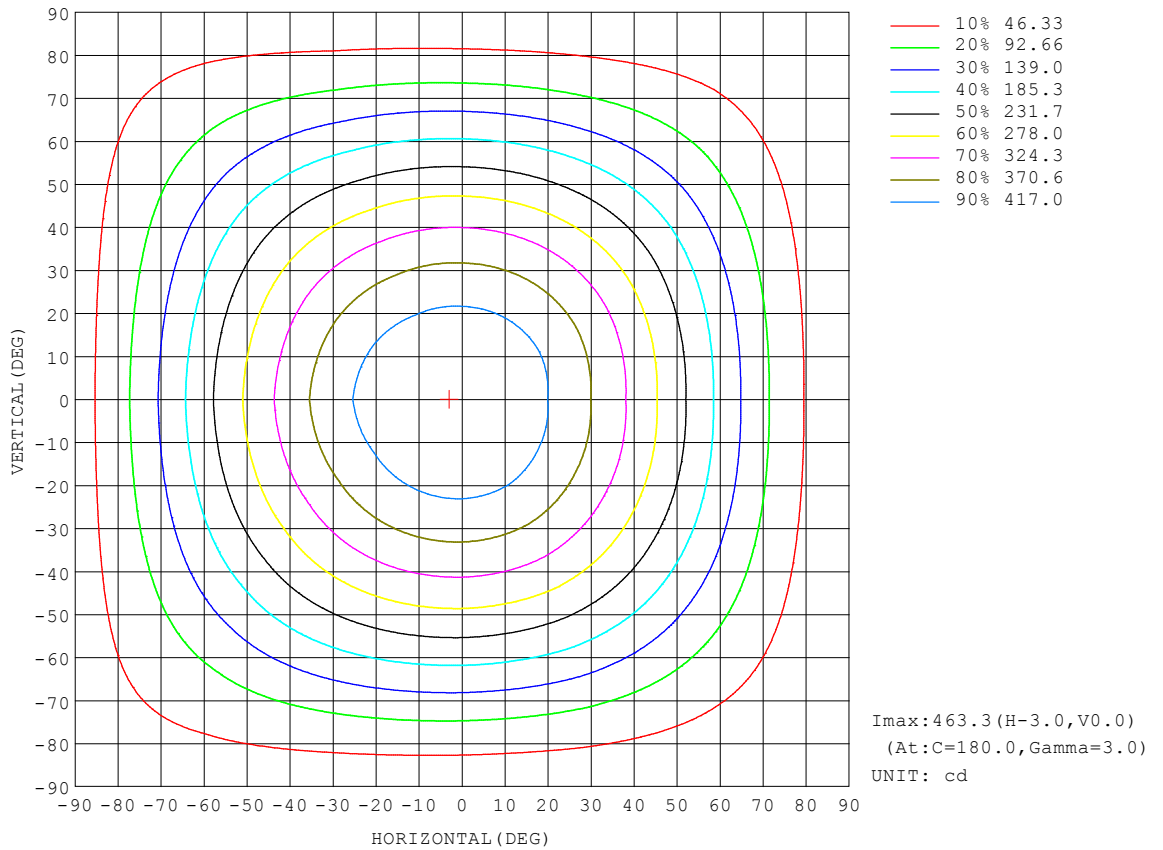
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	47	64	54	47	40
1.00	75	64	56	74	63	56	71	64	56	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

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:240.28V I:0.0950A P:12.981W PF:0.5689 Freq:49.99Hz Lamp Flux:1329.56x1 lm		
NAME: S18437-最小-3K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 3000K	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

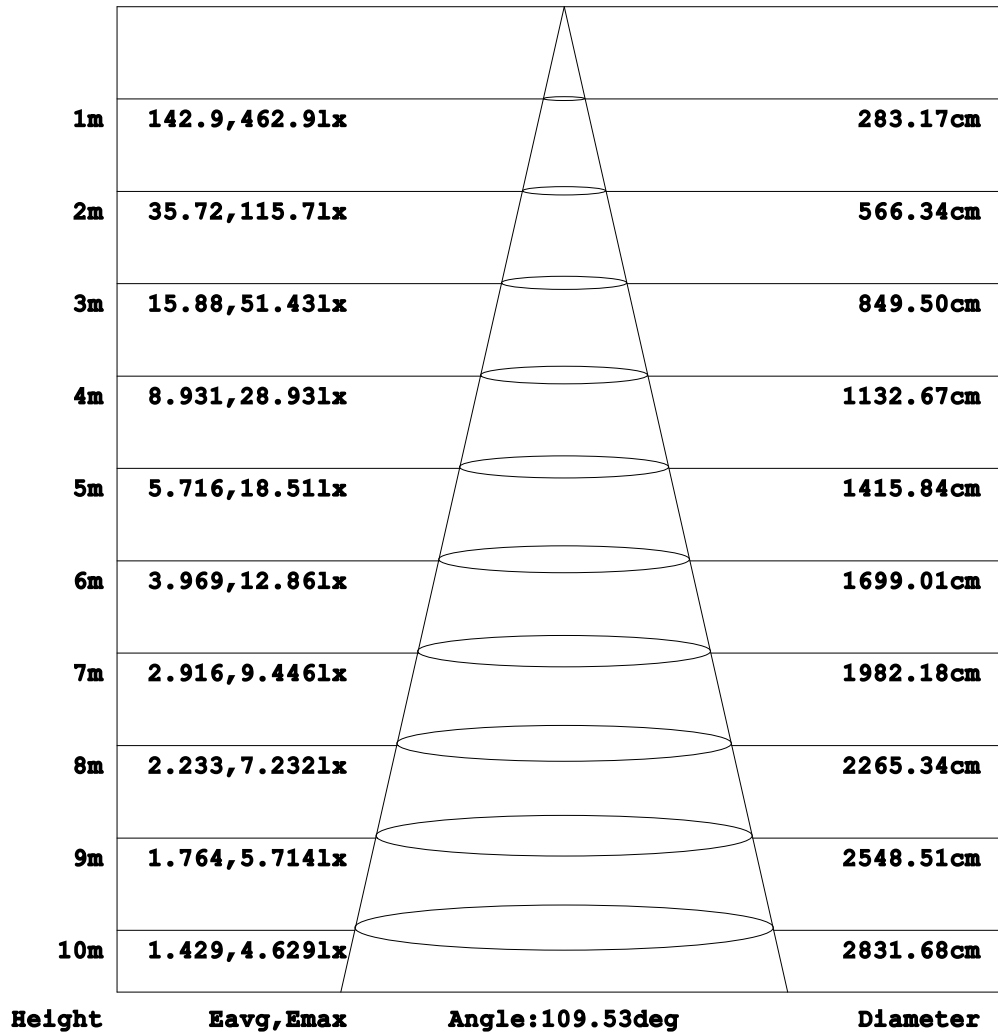
γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000H\_V1 SYSTEM V2.00.421  
 Humidity: 65.0%  
 Test Distance: 11.780m [K=1.0000]  
 Remarks:



**AAI Figure**

Test:U:240.28V I:0.0950A P:12.981W PF:0.5689 Freq:49.99Hz Lamp Flux:1329.56x1 lm		
NAME: S18437- <del>最小</del> -3K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 3000K	DIM.: 320x320x82.3mm	SERIAL No.:
MFR.:	SUR.:320x320mm	Shielding Angle:

**Flux out:915.6 lm**



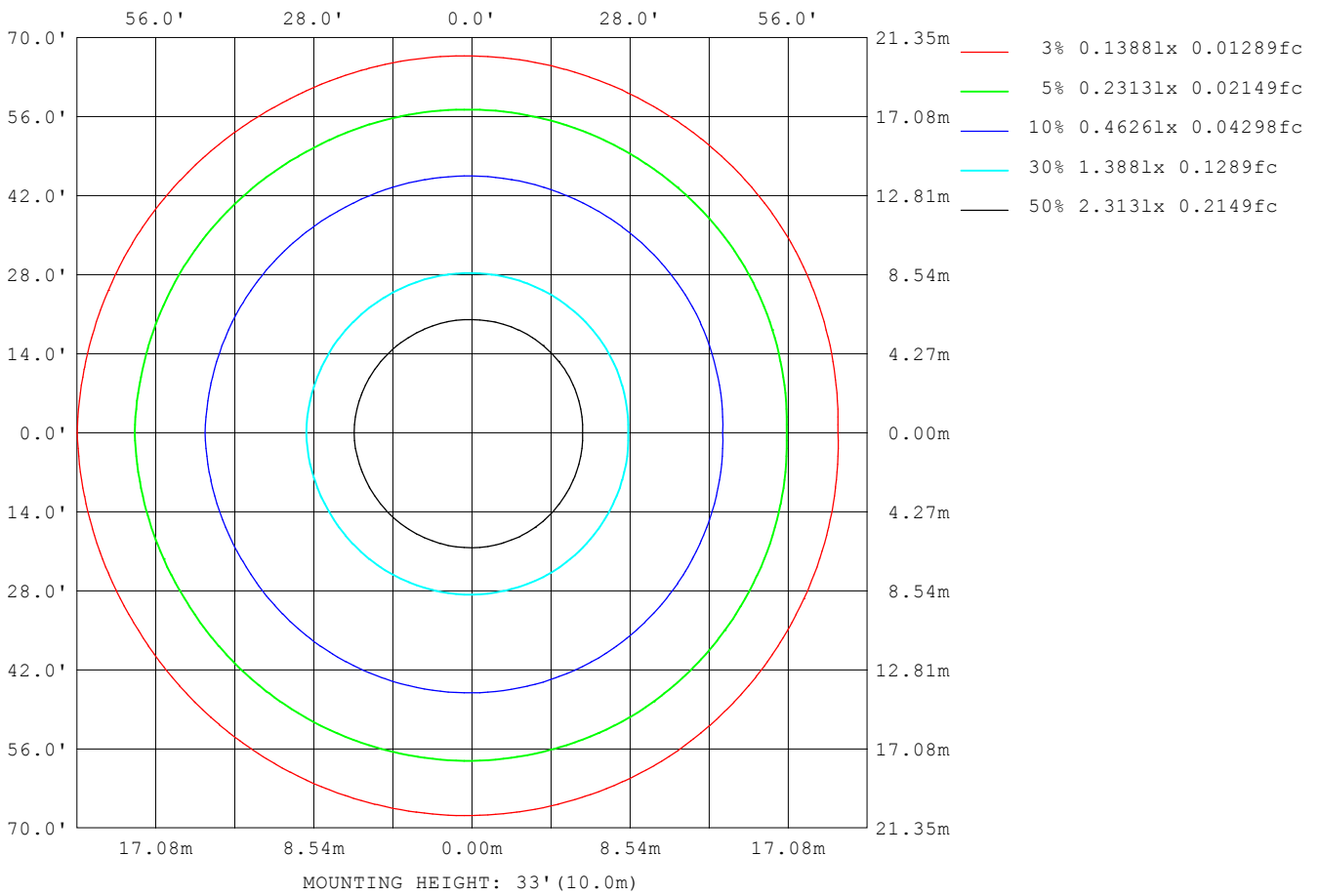
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:240.28V I:0.0950A P:12.981W PF:0.5689 Freq:49.99Hz Lamp Flux:1329.56x1 lm		
NAME: S18437-最小-3K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 3000K	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:240.28V I:0.0950A P:12.981W PF:0.5689 Freq:49.99Hz Lamp Flux:1329.56x1 lm		
NAME: S18437- <del>最小</del> -3K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 3000K	DIM.: 320x320x82.3mm	SERIAL No.:
MFR.:	SUR.:320x320mm	Shielding Angle:

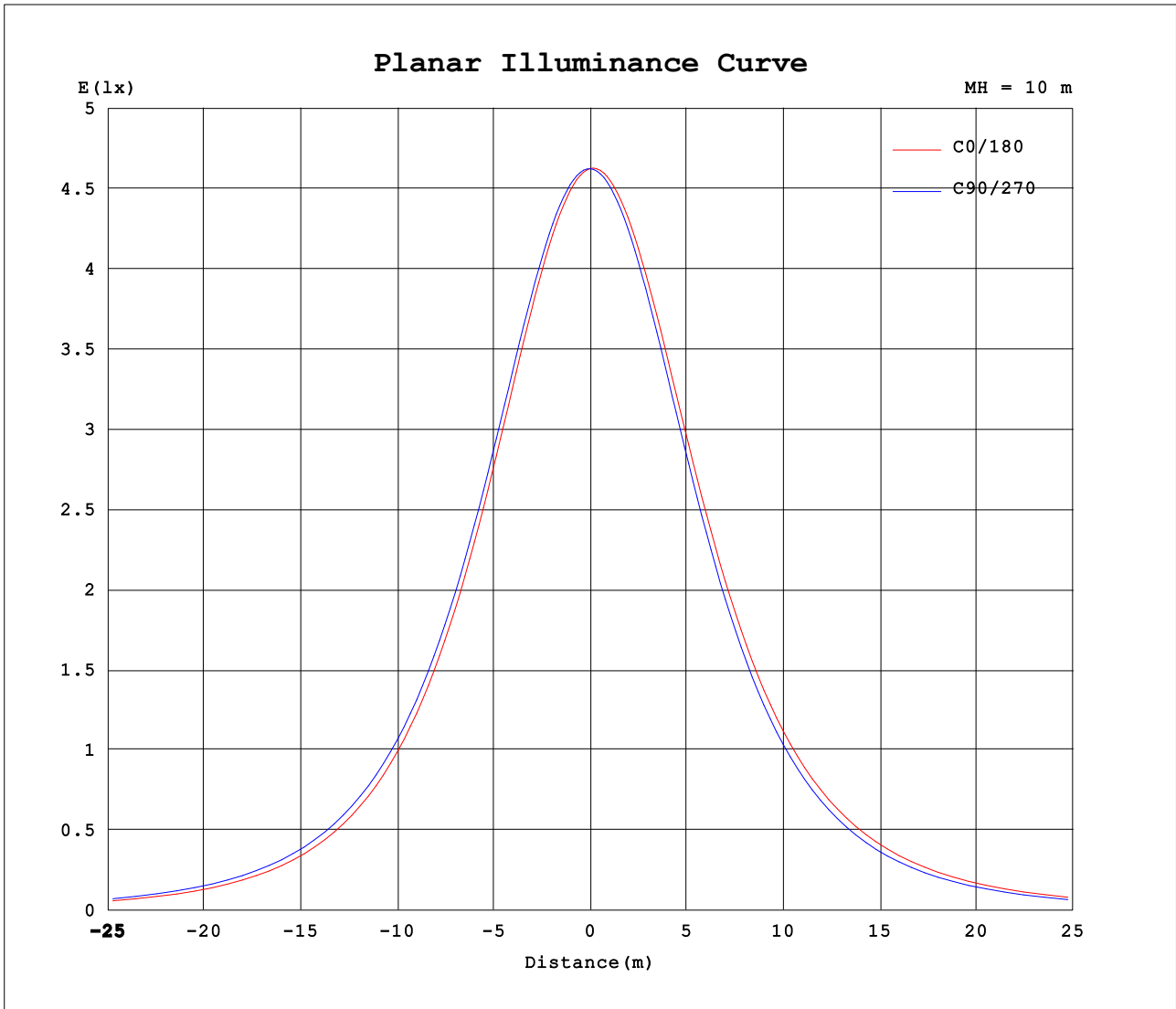
AvgL	cd/m2
L_0~180 (65) av	3760
L_0~180 (75) av	3450
L_0~180 (85) av	4131
L_90~270 (65) av	3731
L_90~270 (75) av	3353
L_90~270 (85) av	3854
L_45 (65) av	3730
L_45 (75) av	3371
L_45 (85) av	3928

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:240.28V I:0.0950A P:12.981W PF:0.5689 Freq:49.99Hz Lamp Flux:1329.56x1 lm		
NAME: S18437-最小-3K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 3000K	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	463	463	463	462	462	462	463	463	463	462	462	462							
5	458	459	460	461	461	461	463	462	460	459	459	458							
10	448	450	453	455	455	455	458	456	453	452	451	450							
15	434	438	442	444	444	445	449	446	441	439	438	438							
20	417	421	426	429	430	431	436	431	426	423	422	421							
25	395	400	407	409	411	412	418	413	406	403	402	400							
30	370	376	384	387	388	390	397	391	383	379	378	376							
35	343	349	357	361	363	365	373	366	357	353	351	349							
40	312	319	328	332	335	337	346	338	328	324	321	319							
45	280	288	297	302	304	307	316	308	297	293	289	287							
50	246	254	264	269	272	275	285	276	265	260	256	253							
55	210	219	230	234	238	241	251	242	230	225	221	218							
60	174	183	194	199	202	206	216	207	195	189	185	182							
65	137	146	157	162	166	170	180	171	159	153	148	145							
70	102	110	121	126	129	133	144	135	122	117	112	110							
75	70.3	76.8	86.1	90.8	94.3	98.1	108	99.4	87.7	82.8	79.2	77.1							
80	43.9	49.1	56.2	60.1	63.0	66.7	75.6	67.7	57.4	53.7	51.0	49.7							
85	24.0	27.9	33.3	36.1	38.0	41.1	48.0	41.8	34.0	31.1	29.9	28.4							
90	11.3	13.3	17.0	18.0	20.6	22.2	26.9	22.6	17.6	14.8	14.2	13.7							
95	4.56	4.92	5.93	6.45	8.50	9.99	12.7	9.94	6.10	4.78	4.97	5.20							
100	2.26	2.00	2.09	2.18	2.58	3.55	5.02	3.31	1.90	1.65	2.05	2.18							
105	2.24	1.91	1.72	1.72	1.71	1.75	2.07	1.53	1.57	1.68	1.77	1.91							
110	2.66	2.26	1.98	2.00	1.99	1.92	1.74	1.77	1.85	1.99	2.04	2.16							
115	3.05	2.63	2.29	2.32	2.40	2.32	2.14	2.09	2.19	2.33	2.34	2.53							
120	3.44	3.00	2.59	2.71	2.81	2.73	2.60	2.48	2.57	2.70	2.71	2.92							
125	3.88	3.37	2.92	3.07	3.20	3.24	3.08	2.95	2.97	3.03	3.05	3.35							
130	4.30	3.82	3.29	3.42	3.63	3.76	3.55	3.35	3.41	3.41	3.42	3.87							
135	4.69	4.26	3.75	3.75	4.15	4.26	3.96	3.78	3.87	3.76	3.87	4.38							
140	5.07	4.72	4.23	4.11	4.65	4.86	4.35	4.27	4.29	4.13	4.38	4.96							
145	5.35	5.19	4.61	4.67	5.19	5.35	4.76	4.74	4.86	4.56	4.80	5.46							
150	5.69	5.57	5.03	5.38	5.90	5.72	5.14	5.15	5.54	5.44	5.38	5.94							
155	6.22	5.75	5.50	6.08	6.40	6.03	5.53	5.62	6.09	6.17	5.79	6.10							
160	6.49	5.92	5.87	6.42	6.71	6.44	5.92	6.09	6.43	6.24	6.03	6.23							
165	6.75	6.23	6.24	6.54	6.92	6.82	6.31	6.41	6.57	6.23	6.30	6.42							
170	6.95	6.63	6.64	6.68	7.04	7.05	6.61	6.78	6.71	6.35	6.62	6.78							
175	7.33	7.93	8.28	7.95	7.70	7.86	7.74	8.09	7.83	7.57	7.90	7.75							
180	7.86	8.33	8.47	7.86	8.13	8.10	7.86	8.32	8.48	7.86	8.14	8.11							

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