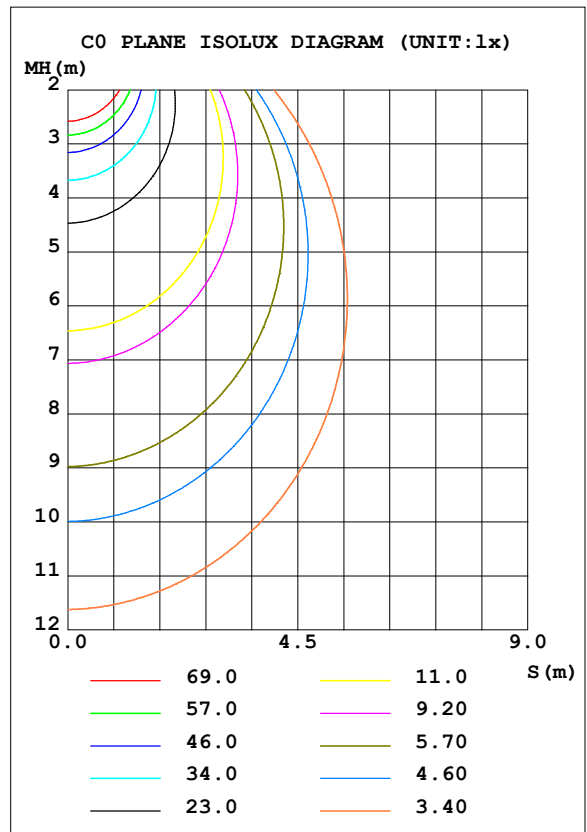
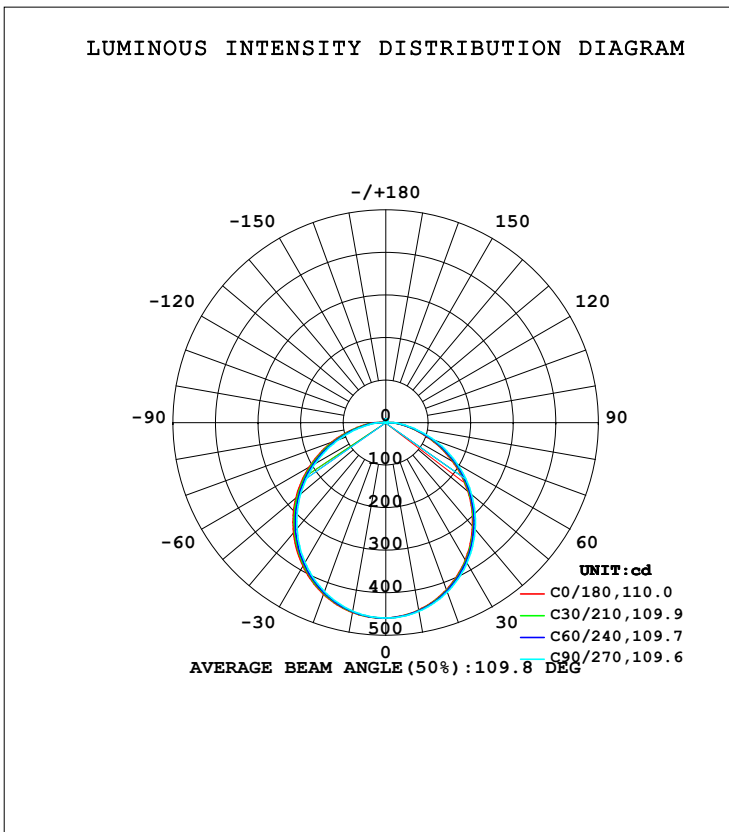


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.28V I:0.0949A P:12.971W PF:0.5688 Freq:49.99Hz Lamp Flux:1322.34x1 lm		
NAME: S18437-最小-65K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 6500K	DIM.: 320x320x82.3mm	SERIAL No.:
MFR.:	SUR.:320x320mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 101.94 lm/W			
MODEL	S18437-最小-65K	I _{max} (cd)	459.5	S/MH (C0/180)	1.26
NOMINAL POWER (W)	12.9713	LOR (%)	100.0	S/MH (C90/270)	1.23
RATED VOLTAGE (V)	240	TOTAL FLUX (lm)	1322.3	η UP, DN (C0-180)	1.1, 48.6
NOMINAL FLUX (lm)	1322.34	CIE CLASS	DIRECT	η UP, DN (C180-360)	1.1, 49.2
LAMPS INSIDE	1	η up (%)	2.2	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	240.284	η down (%)	97.8	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:

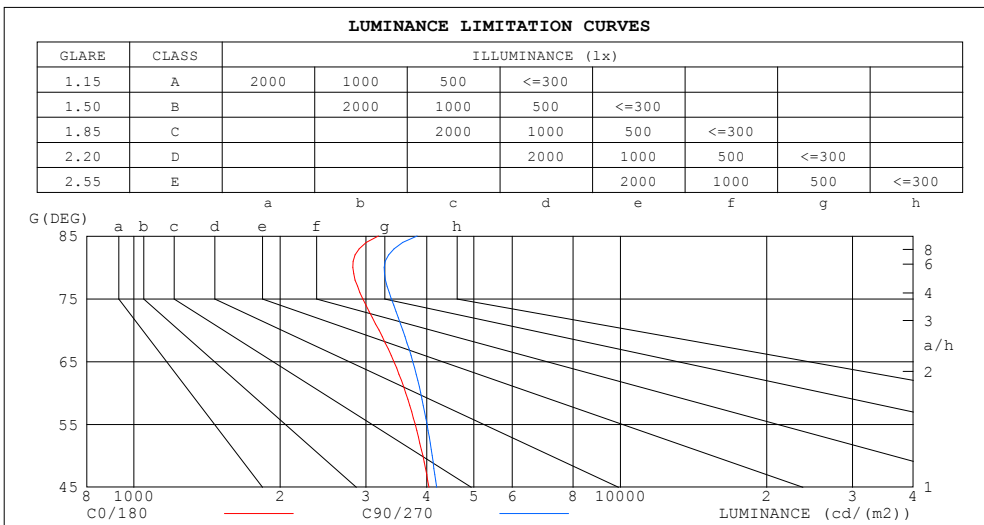
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	☉ zone	☉ total	lum, lamp
10	447.2	448.5	450.3	451.2	453.0	451.5	449.7	448.7	0- 10	43.40	43.40	3.28,3.28
20	417.7	420.2	423.5	425.5	429.0	425.9	422.4	420.8	10- 20	123.7	167.1	12.6,12.6
30	373.5	376.8	381.4	384.4	389.5	385.0	379.6	377.6	20- 30	186.0	353.2	26.7,26.7
40	317.5	321.4	327.1	331.1	337.4	331.8	325.0	322.0	30- 40	222.1	575.3	43.5,43.5
50	252.4	257.3	263.8	268.7	275.8	269.2	261.3	257.1	40- 50	228.2	803.4	60.8,60.8
60	181.2	187.1	194.5	199.9	207.3	199.9	191.2	186.0	50- 60	204.5	1008	76.2,76.2
70	109.2	114.8	122.2	127.9	135.4	127.4	118.4	113.4	60- 70	155.4	1163	88,88
80	49.00	51.84	56.77	62.34	68.93	61.37	53.99	51.65	70- 80	92.34	1256	95,95
90	13.55	14.51	16.02	20.02	23.10	18.50	14.10	14.58	80- 90	37.76	1293	97.8,97.8
100	2.653	2.024	1.819	2.779	4.061	2.157	1.570	2.220	90-100	8.301	1302	98.4,98.4
110	2.748	2.176	2.056	2.103	2.030	1.942	2.063	2.181	100-110	2.087	1304	98.6,98.6
120	3.606	2.905	2.775	3.017	3.200	2.788	2.748	2.995	110-120	2.525	1306	98.8,98.8
130	4.560	3.741	3.477	4.075	4.405	3.793	3.424	4.183	120-130	3.095	1309	99,99
140	5.487	4.686	4.337	5.296	5.350	5.163	4.733	5.423	130-140	3.472	1313	99.3,99.3
150	5.981	5.332	5.983	6.450	6.165	6.585	6.623	6.477	140-150	3.546	1316	99.6,99.6
160	6.918	5.835	6.607	7.170	6.997	7.604	7.222	7.018	150-160	3.041	1320	99.8,99.8
170	7.447	6.714	7.063	7.768	7.474	8.154	7.317	7.508	160-170	2.028	1322	99.9,99.9
180	8.445	9.442	9.069	9.234	8.436	9.446	9.069	9.242	170-180	0.7907	1322	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:240.28V I:0.0949A P:12.971W PF:0.5688 Freq:49.99Hz Lamp Flux:1322.34x1 lm		
NAME: S18437-最小-65K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 6500K	DIM.: 320x320x82.3mm	SERIAL No.:
MFR.:	SUR.:320x320mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3181	3821
80	2822	3270
75	2956	3384
70	3191	3573
65	3424	3744
60	3623	3889
55	3787	4005
50	3927	4104
45	4046	4192

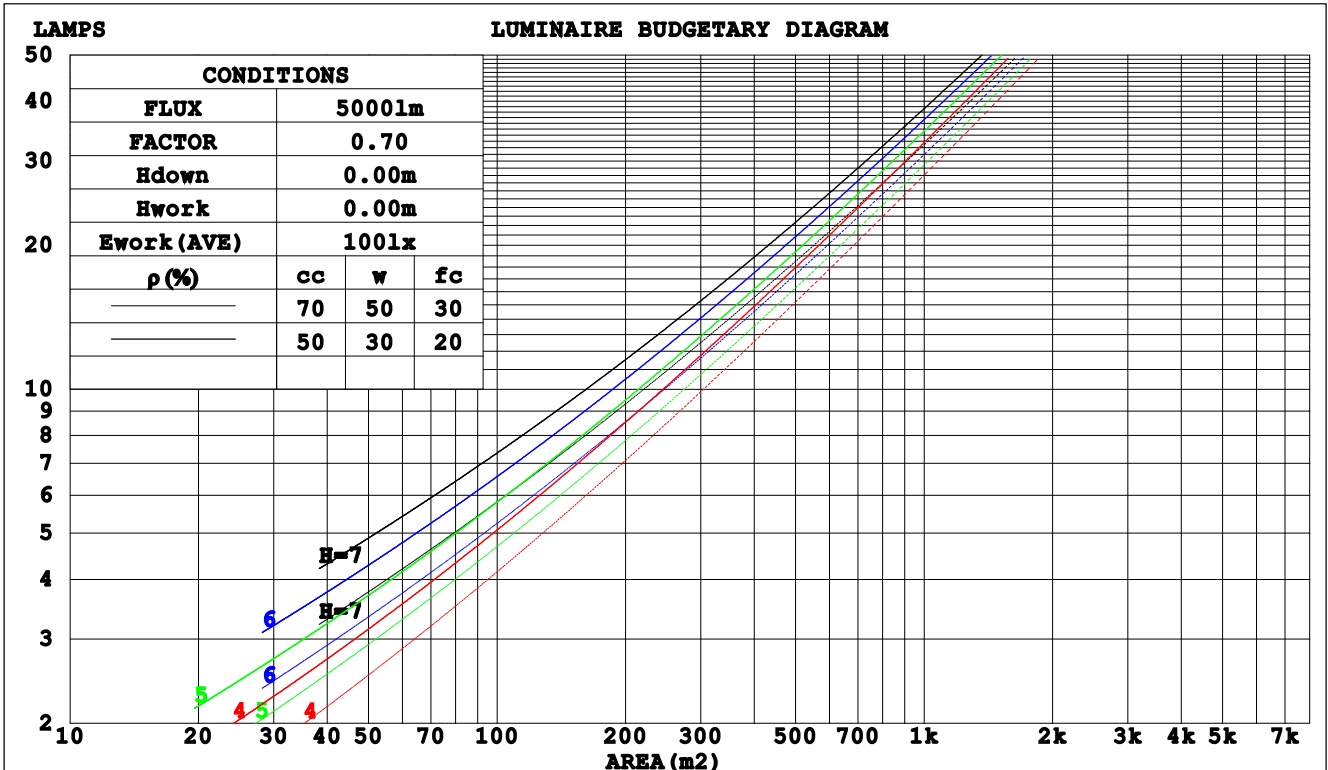
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-11-27

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:0.0949A P:12.971W PF:0.5688 Freq:49.99Hz Lamp Flux:1322.34x1 lm		
NAME: S18437-最小-65K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 6500K	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	.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:240.28V I:0.0949A P:12.971W PF:0.5688 Freq:49.99Hz Lamp Flux:1322.34x1 lm		
NAME: S18437-最小-65K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 6500K	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	.177	.056	.296	.170	.054	.283	.163	.052	.271	.157	.051	
2.0	.295	.162	.050	.288	.159	.049	.275	.153	.048	.264	.148	.046	.253	.143	.045	
3.0	.271	.144	.043	.265	.142	.043	.254	.138	.042	.243	.133	.041	.234	.129	.040	
4.0	.250	.130	.038	.244	.128	.038	.234	.124	.037	.225	.121	.036	.216	.117	.036	
5.0	.230	.117	.034	.226	.116	.034	.217	.113	.033	.208	.110	.033	.200	.107	.032	
6.0	.213	.107	.031	.209	.106	.030	.201	.103	.030	.193	.101	.030	.186	.098	.029	
7.0	.198	.098	.028	.195	.097	.028	.187	.095	.027	.181	.093	.027	.174	.090	.027	
8.0	.185	.091	.025	.182	.090	.025	.175	.088	.025	.169	.086	.025	.163	.084	.024	
9.0	.174	.084	.023	.170	.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	.198	.173	.150	.169	.148	.129	.116	.102	.090	.067	.059	.052	.021	.019	.017	
2.0	.190	.149	.114	.162	.128	.099	.111	.089	.069	.064	.052	.040	.021	.017	.013	
3.0	.182	.131	.091	.156	.113	.079	.107	.079	.055	.062	.046	.033	.020	.015	.011	
4.0	.174	.118	.075	.149	.102	.065	.103	.071	.046	.059	.042	.027	.019	.014	.009	
5.0	.167	.108	.064	.143	.093	.056	.099	.065	.039	.057	.038	.023	.018	.012	.008	
6.0	.159	.099	.056	.137	.086	.049	.094	.060	.035	.055	.035	.021	.018	.012	.007	
7.0	.152	.093	.050	.131	.080	.044	.091	.056	.031	.053	.033	.019	.017	.011	.006	
8.0	.146	.087	.046	.126	.075	.040	.087	.053	.028	.051	.031	.017	.016	.010	.006	
9.0	.140	.082	.043	.121	.071	.037	.084	.050	.026	.049	.029	.016	.016	.010	.005	
10.0	.134	.078	.040	.116	.067	.035	.080	.047	.025	.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:240.28V I:0.0949A P:12.971W PF:0.5688 Freq:49.99Hz Lamp Flux:1322.34x1 lm										
NAME: S18437-最小-65K					TYPE:LED CEILING LAMP			WEIGHT:		
SPEC.:13W 6500K					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	17.2	18.7	17.5	18.9	19.2	17.4	18.9	17.7	19.1	19.4
3H	18.6	20.0	18.9	20.2	20.5	18.9	20.3	19.3	20.6	20.9
4H	19.1	20.5	19.5	20.7	21.1	19.6	20.9	19.9	21.2	21.5
6H	19.6	20.8	19.9	21.1	21.4	20.1	21.3	20.4	21.6	21.9
8H	19.7	20.9	20.1	21.3	21.6	20.2	21.4	20.6	21.8	22.1
12H	19.9	21.0	20.3	21.4	21.7	20.4	21.6	20.8	21.9	22.3
4H 2H	17.8	19.1	18.1	19.4	19.7	18.0	19.3	18.3	19.6	19.9
3H	19.4	20.5	19.8	20.9	21.2	19.7	20.8	20.0	21.1	21.5
4H	20.1	21.1	20.5	21.5	21.9	20.4	21.5	20.8	21.8	22.2
6H	20.6	21.6	21.1	22.0	22.4	21.0	22.0	21.5	22.4	22.8
8H	20.9	21.7	21.3	22.1	22.6	21.3	22.2	21.8	22.6	23.0
12H	21.1	21.9	21.5	22.3	22.7	21.6	22.4	22.0	22.8	23.2
8H 4H	20.3	21.2	20.8	21.6	22.1	20.6	21.5	21.1	21.9	22.4
6H	21.1	21.8	21.5	22.2	22.7	21.4	22.2	21.9	22.6	23.1
8H	21.4	22.1	21.9	22.5	23.0	21.8	22.5	22.3	22.9	23.4
12H	21.7	22.3	22.3	22.8	23.3	22.2	22.7	22.7	23.2	23.8
12H 4H	20.4	21.2	20.8	21.6	22.0	20.7	21.5	21.1	21.9	22.3
6H	21.1	21.8	21.6	22.3	22.8	21.5	22.1	22.0	22.6	23.1
8H	21.5	22.1	22.1	22.6	23.1	21.9	22.5	22.4	23.0	23.5
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 / - 0.2				

CIE Pub.117, 1322 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:0.0949A P:12.971W PF:0.5688 Freq:49.99Hz Lamp Flux:1322.34x1 lm		
NAME: S18437-最小-65K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 6500K	DIM.: 320x320x82.3mm	SERIAL No.:
MFR.:	SUR.:320x320mm	Shielding Angle:

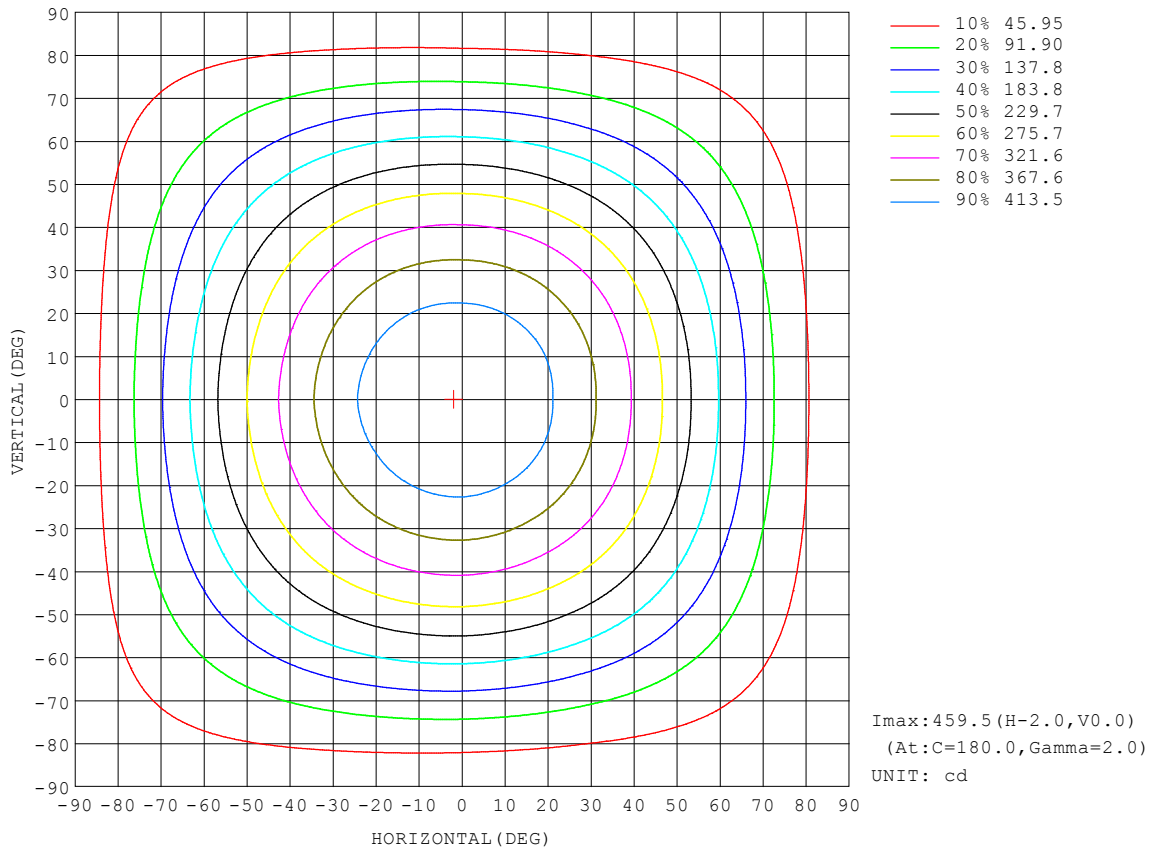
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	47	64	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:240.28V I:0.0949A P:12.971W PF:0.5688 Freq:49.99Hz Lamp Flux:1322.34x1 lm		
NAME: S18437-最小-65K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 6500K	DIM.: 320x320x82.3mm	SERIAL No.:
MFR.:	SUR.:320x320mm	Shielding Angle:



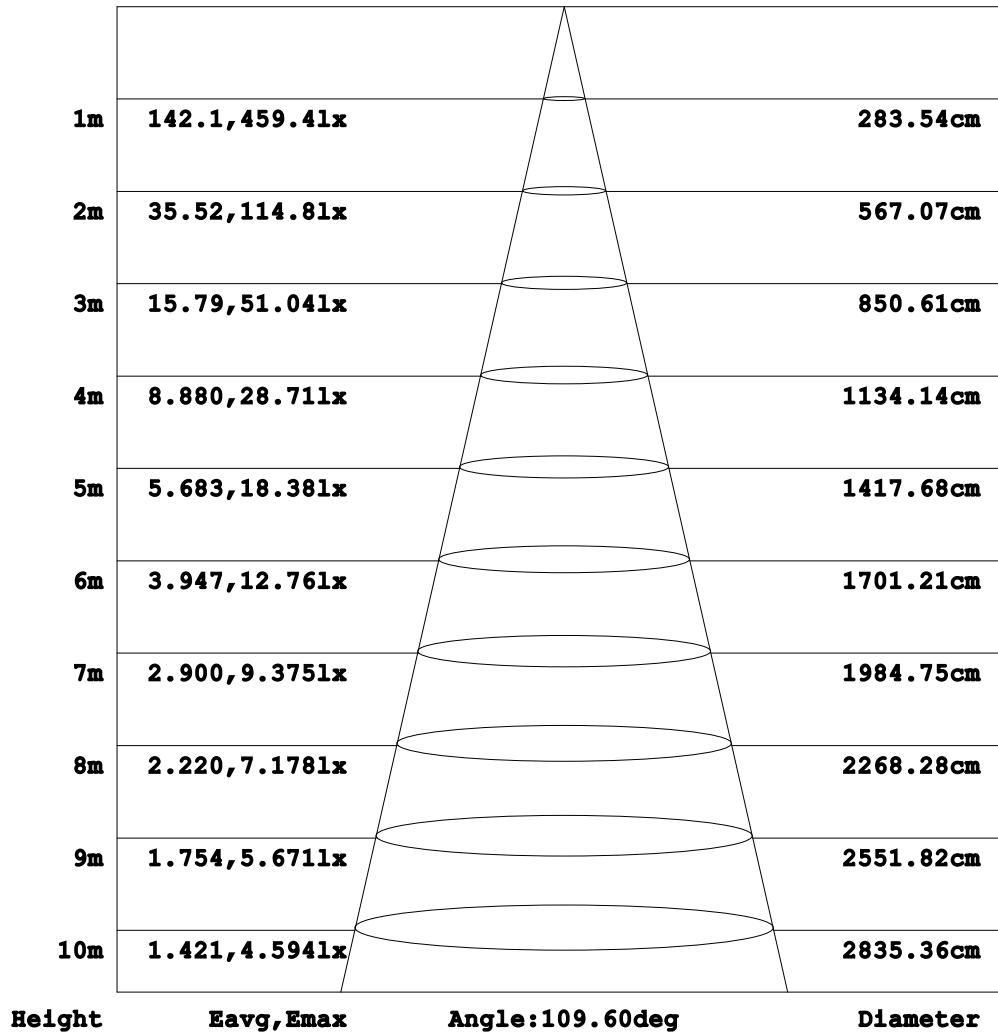
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-11-27

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:0.0949A P:12.971W PF:0.5688 Freq:49.99Hz Lamp Flux:1322.34x1 lm		
NAME: S18437- 最小 -65K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 6500K	DIM.: 320x320x82.3mm	SERIAL No.:
MFR.:	SUR.:320x320mm	Shielding Angle:

Flux out:910.4 lm



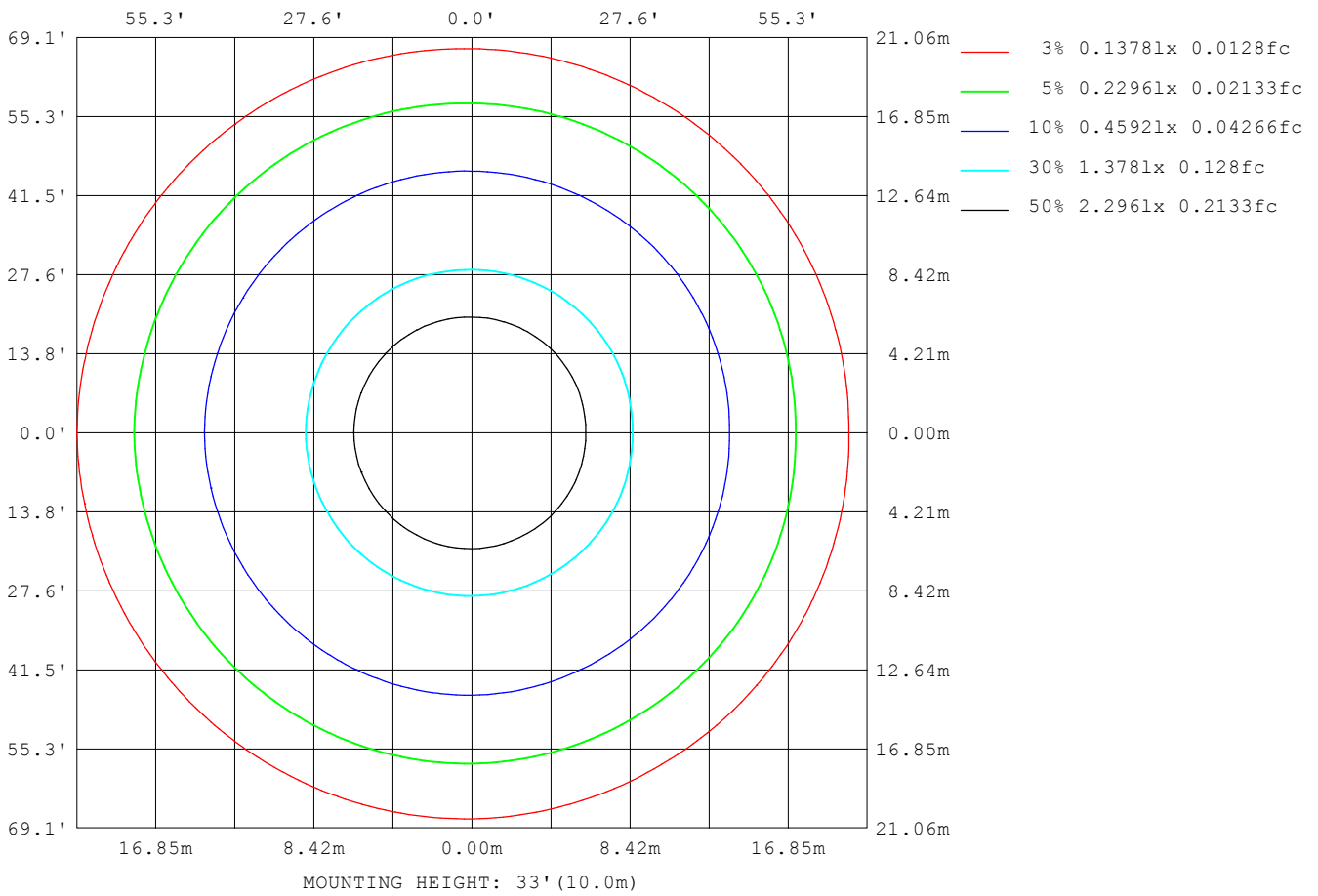
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.0949A P:12.971W PF:0.5688 Freq:49.99Hz Lamp Flux:1322.34x1 lm		
NAME: S18437-最小-65K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 6500K	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:0.0949A P:12.971W PF:0.5688 Freq:49.99Hz Lamp Flux:1322.34x1 lm		
NAME: S18437-最小-65K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 6500K	DIM.: 320x320x82.3mm	SERIAL No.:
MFR.:	SUR.:320x320mm	Shielding Angle:

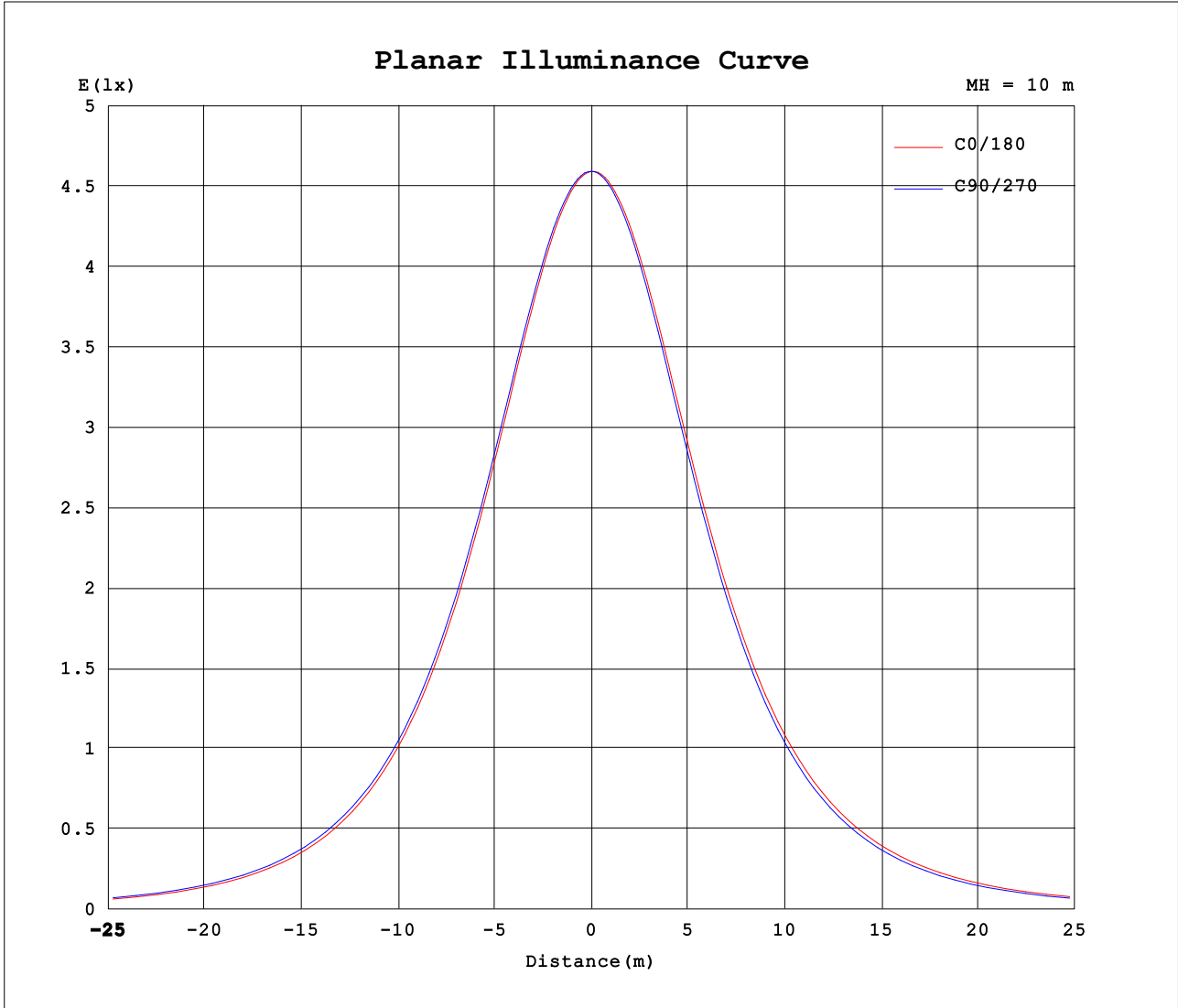
AvgL	cd/m2
L_0~180 (65) av	3740
L_0~180 (75) av	3418
L_0~180 (85) av	4045
L_90~270 (65) av	3703
L_90~270 (75) av	3312
L_90~270 (85) av	3682
L_45 (65) av	3712
L_45 (75) av	3344
L_45 (85) av	3836

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:0.0949A P:12.971W PF:0.5688 Freq:49.99Hz Lamp Flux:1322.34x1 lm		
NAME: S18437-最小-65K	TYPE:LED CEILING LAMP	WEIGHT:
SPEC.:13W 6500K	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	459	459	459	459	459	459	459	459	459	459	459	459							
5	456	456	456	457	457	458	458	458	458	457	456	456							
10	447	448	449	450	451	452	453	452	451	450	449	448							
15	434	436	437	439	440	441	443	442	440	438	437	436							
20	418	419	421	424	425	426	429	427	425	422	421	420							
25	397	399	401	404	406	408	411	408	406	403	402	400							
30	374	376	378	381	383	386	389	386	384	380	378	377							
35	347	349	351	356	358	360	365	361	358	354	352	350							
40	317	320	322	327	330	333	337	334	330	325	323	321							
45	286	289	292	296	299	303	308	304	299	294	292	289							
50	252	256	259	264	267	270	276	271	267	261	258	256							
55	217	221	224	230	233	237	242	238	233	227	223	221							
60	181	186	189	194	198	202	207	202	197	191	187	185							
65	145	149	152	158	162	166	171	166	161	155	151	148							
70	109	113	116	122	126	130	135	130	125	118	115	112							
75	76.5	79.6	82.1	87.6	91.1	95.1	100	95.0	89.7	83.8	80.9	79.2							
80	49.0	51.3	52.4	56.8	60.3	64.4	68.9	64.0	58.7	54.0	52.0	51.3							
85	27.7	29.3	30.5	33.3	35.8	39.5	42.8	38.5	34.2	30.9	30.3	29.6							
90	13.6	14.2	14.8	16.0	18.9	21.1	23.1	19.6	17.4	14.1	14.6	14.6							
95	5.76	5.54	4.89	5.49	7.28	9.24	10.5	8.17	5.69	4.34	4.96	5.71							
100	2.65	2.19	1.86	1.82	2.34	3.22	4.06	2.70	1.61	1.57	2.06	2.38							
105	2.31	1.94	1.76	1.77	1.80	1.86	1.91	1.62	1.66	1.74	1.79	2.00							
110	2.75	2.32	2.04	2.06	2.12	2.08	2.03	1.94	1.94	2.06	2.07	2.29							
115	3.19	2.73	2.34	2.41	2.57	2.52	2.59	2.40	2.29	2.40	2.37	2.76							
120	3.61	3.15	2.66	2.77	3.03	3.00	3.20	2.96	2.62	2.75	2.79	3.20							
125	4.10	3.61	2.98	3.11	3.48	3.58	3.83	3.56	3.02	3.06	3.37	3.75							
130	4.56	4.09	3.39	3.48	3.95	4.20	4.40	4.13	3.45	3.42	4.00	4.37							
135	5.02	4.57	3.92	3.84	4.46	4.87	4.88	4.72	4.11	3.87	4.61	4.98							
140	5.49	5.06	4.32	4.34	5.08	5.51	5.35	5.37	4.96	4.73	5.19	5.65							
145	5.76	5.31	4.65	5.18	5.84	5.97	5.80	5.96	5.92	5.71	5.80	6.26							
150	5.98	5.65	5.01	5.98	6.60	6.29	6.17	6.48	6.69	6.62	6.35	6.61							
155	6.63	5.74	5.42	6.49	7.01	6.63	6.56	6.98	7.25	7.13	6.69	6.76							
160	6.92	5.91	5.76	6.61	7.29	7.05	7.00	7.52	7.69	7.22	7.00	7.04							
165	7.25	6.24	6.16	6.68	7.35	7.47	7.29	7.97	7.98	7.24	7.25	7.28							
170	7.45	6.72	6.71	7.06	7.55	7.99	7.47	8.18	8.13	7.32	7.44	7.58							
175	7.78	8.52	9.11	8.86	8.61	8.88	8.50	9.38	9.23	8.90	9.09	8.69							
180	8.44	9.22	9.67	9.07	9.29	9.18	8.44	9.22	9.67	9.07	9.29	9.19							

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 Humidity:65.0%
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