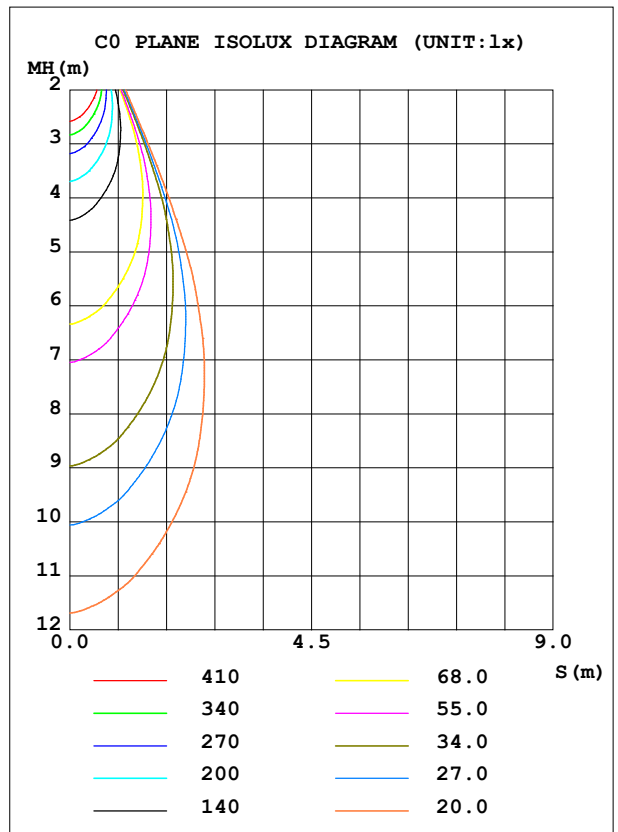
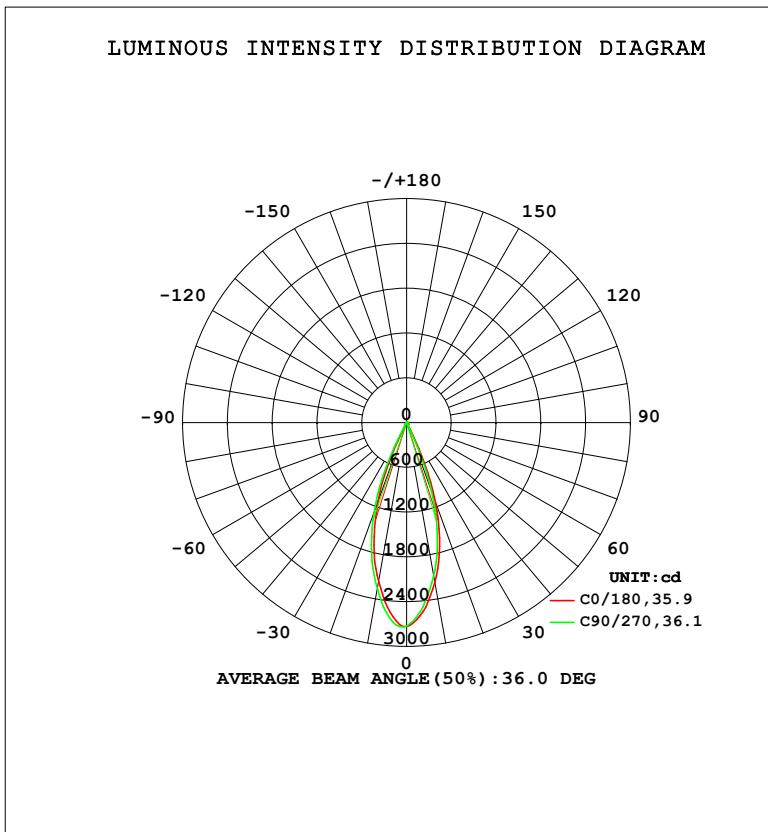


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.81V I:0.1152A P:13.602W PF:0.9857 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:964.162x1 lm		
NAME: AD-3-S15W-FC-3018K-WH	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: Light by Lotus	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	AD-3-S15W-FC-3018K-WH	Imax (cd)	2741	S/MH (C0/180)	0.58
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	0.61
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	964.16	$\eta$ UP, DN (C0-180)	0.0,46.8
NOMINAL FLUX (lm)	964.162	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	0.0,53.2
LAMPS INSIDE	1	$\eta$ up (%)	0.0	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	120	$\eta$ down (%)	100.0	CIBSE SHR MAX	0.60



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.3°C  
 Operators:  
 Test Date:2024-09-22

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.087m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

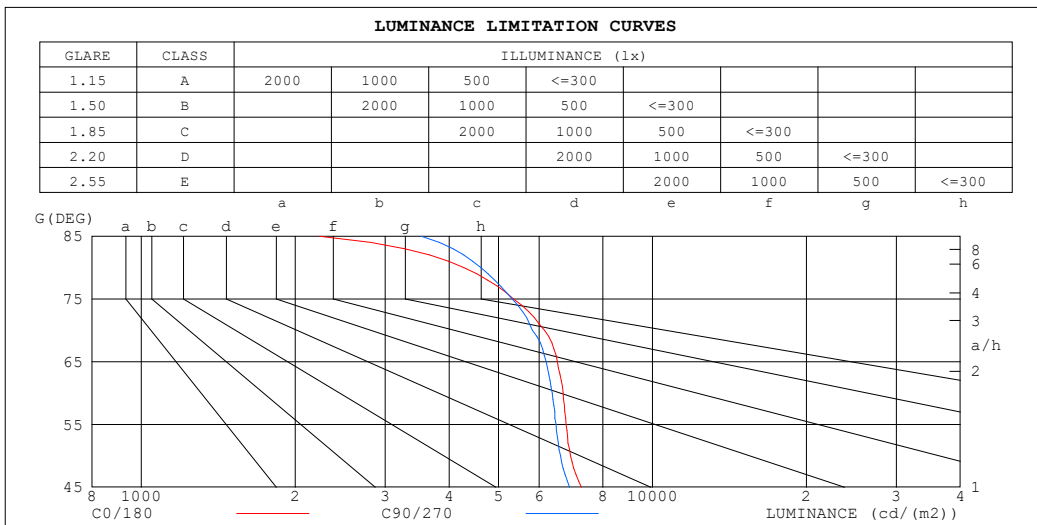
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	2174	2090	2090	2124	2165	2243	2262	2225	0- 10	230.9	230.9	23.9,23.9
20	1135	998.7	984.8	1063	1120	1258	1272	1208	10- 20	461.7	692.6	71.8,71.8
30	50.13	40.86	40.56	45.25	49.16	66.52	70.80	56.80	20- 30	205.9	898.5	93.2,93.2
40	23.87	22.43	22.23	22.96	23.48	24.37	24.45	23.77	30- 40	19.57	918.1	95.2,95.2
50	17.09	16.43	16.33	16.65	17.12	17.66	17.68	17.22	40- 50	15.28	933.4	96.8,96.8
60	12.86	12.32	12.24	12.34	12.75	13.37	13.48	13.05	50- 60	13.31	946.7	98.2,98.2
70	8.087	7.761	7.655	7.610	7.615	8.577	9.058	8.353	60- 70	10.43	957.1	99.3,99.3
80	2.856	2.865	3.084	2.808	2.502	3.159	3.963	3.183	70- 80	5.773	962.9	99.9,99.9
90	0.0435	0.0447	0.0639	0.0531	0.0583	0.0290	0.0810	0.0253	80- 90	1.248	964.2	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.3 °C  
 Operators:  
 Test Date:2024-09-22

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.087m [K=1.0000]  
 Remarks:

**LUMINANCE LIMITATION CURVES**

Test:U:119.81V I:0.1152A P:13.602W PF:0.9857 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:964.162x1 lm		
NAME: AD-3-S15W-FC-3018K-WH	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: Light by Lotus	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2233	3530
80	4276	4617
75	5348	5319
70	6147	5819
65	6511	6192
60	6686	6366
55	6775	6478
50	6911	6606
45	7263	6882

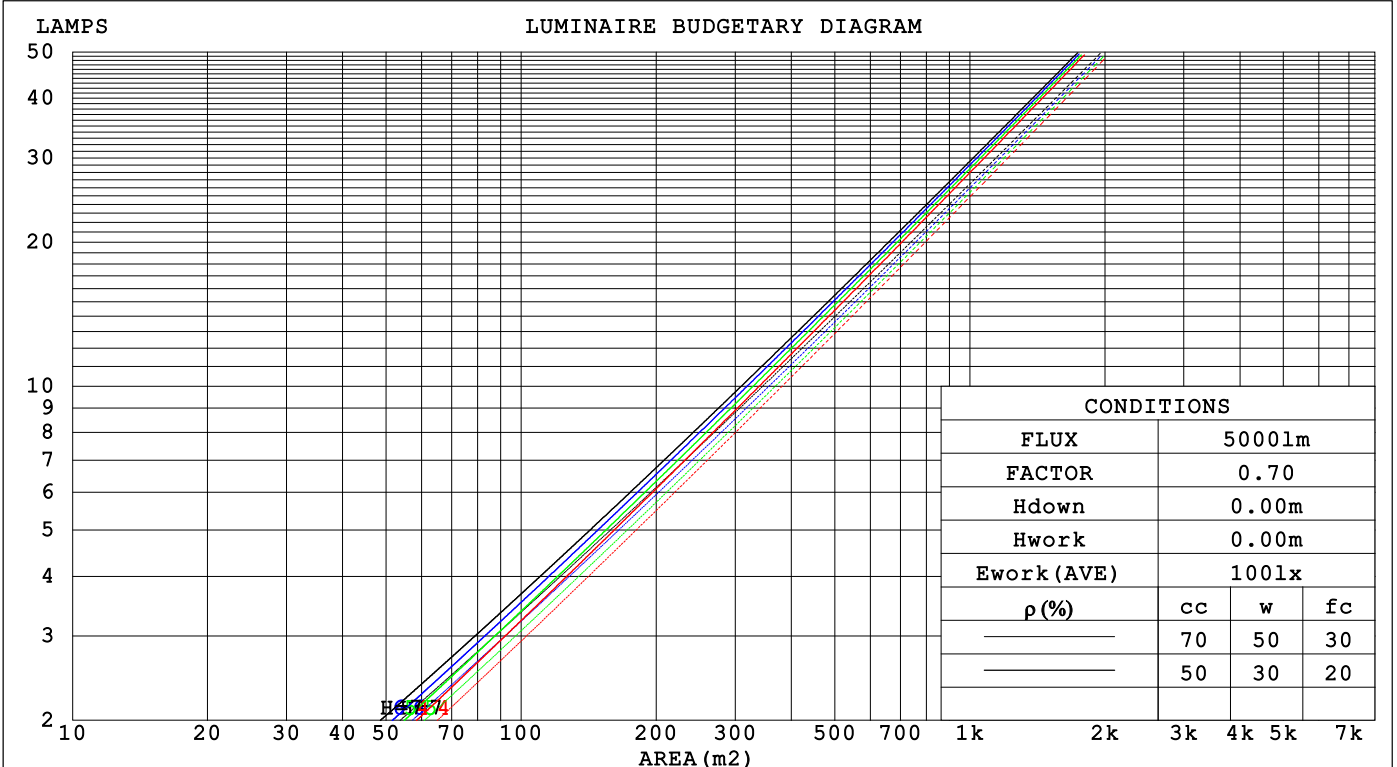
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 24.3 °C  
 Operators:  
 Test Date: 2024-09-22

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity: 65.0%  
 Test Distance: 3.087m [K=1.0000]  
 Remarks:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:119.81V I:0.1152A P:13.602W PF:0.9857 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:964.162x1 lm		
NAME: AD-3-S15W-FC-3018K-WH	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: Light by Lotus	SUR.:	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
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	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.00	.99	.98	.97	.95
2.0	1.06	1.03	.00	1.04	1.01	.99	1.01	.99	.96	.98	.96	.94	.95	.94	.92	.91
3.0	1.01	.97	.93	.99	.96	.93	.97	.94	.91	.94	.92	.90	.92	.90	.88	.87
4.0	.96	.91	.88	.95	.91	.88	.93	.89	.87	.91	.88	.86	.89	.87	.85	.83
5.0	.92	.87	.84	.91	.87	.83	.89	.86	.83	.88	.84	.82	.86	.83	.81	.80
6.0	.88	.83	.80	.87	.83	.80	.86	.82	.79	.85	.81	.79	.83	.80	.78	.77
7.0	.85	.80	.77	.84	.80	.76	.83	.79	.76	.82	.78	.76	.81	.78	.75	.74
8.0	.82	.77	.74	.81	.77	.74	.80	.76	.73	.79	.76	.73	.78	.75	.73	.72
9.0	.79	.74	.71	.78	.74	.71	.77	.73	.71	.77	.73	.70	.76	.73	.70	.69
10.0	.76	.71	.68	.76	.71	.68	.75	.71	.68	.74	.71	.68	.74	.70	.68	.67



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.3 °C  
 Operators:  
 Test Date:2024-09-22

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.087m [K=1.0000]  
 Remarks:

**WEC AND CCEC**

Test:U:119.81V I:0.1152A P:13.602W PF:0.9857 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:964.162x1 lm		
NAME: AD-3-S15W-FC-3018K-WH	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: Light by Lotus	SUR.:	Shielding Angle:

$\rho_{CC}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.154	.088	.028	.147	.084	.027	.135	.077	.025	.123	.071	.023	.113	.065	.021	
2.0	.143	.079	.024	.138	.076	.023	.128	.071	.022	.118	.066	.021	.109	.062	.019	
3.0	.134	.071	.021	.129	.069	.021	.121	.065	.020	.113	.062	.019	.105	.058	.018	
4.0	.126	.065	.019	.122	.064	.019	.114	.061	.018	.107	.058	.017	.101	.055	.017	
5.0	.118	.060	.017	.115	.059	.017	.109	.057	.017	.103	.054	.016	.097	.052	.016	
6.0	.112	.056	.016	.109	.055	.016	.104	.053	.015	.098	.051	.015	.094	.049	.015	
7.0	.106	.053	.015	.104	.052	.015	.099	.050	.014	.094	.048	.014	.090	.047	.014	
8.0	.101	.050	.014	.099	.049	.014	.095	.047	.014	.091	.046	.013	.087	.045	.013	
9.0	.097	.047	.013	.095	.046	.013	.091	.045	.013	.088	.044	.013	.084	.043	.012	
10.0	.093	.045	.012	.091	.044	.012	.088	.043	.012	.085	.042	.012	.082	.041	.012	

$\rho_{CC}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	.158	.147	.145	.135	.126	.099	.093	.087	.057	.054	.051	.018	.017	.016	
2.0	.152	.133	.116	.131	.114	.100	.089	.079	.070	.052	.046	.041	.017	.015	.013	
3.0	.138	.113	.094	.119	.098	.081	.081	.068	.057	.047	.040	.034	.015	.013	.011	
4.0	.126	.098	.077	.108	.085	.067	.075	.059	.047	.043	.035	.028	.014	.011	.009	
5.0	.116	.086	.064	.100	.075	.056	.069	.052	.039	.040	.031	.023	.013	.010	.008	
6.0	.108	.076	.054	.093	.066	.047	.064	.046	.033	.037	.027	.020	.012	.009	.007	
7.0	.100	.068	.046	.086	.059	.040	.060	.042	.028	.035	.024	.017	.011	.008	.006	
8.0	.094	.062	.039	.081	.054	.034	.056	.038	.024	.033	.022	.015	.011	.007	.005	
9.0	.089	.056	.034	.076	.049	.030	.053	.034	.021	.031	.020	.013	.010	.007	.004	
10.0	.084	.052	.030	.072	.045	.026	.050	.032	.019	.029	.019	.011	.009	.006	.004	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.3°C  
 Operators:  
 Test Date:2024-09-22

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.087m [K=1.0000]  
 Remarks:

**UGR(Unified Glare Rating) Table**

Test:U:119.81V I:0.1152A P:13.602W PF:0.9857 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:964.162x1 lm		
NAME: AD-3-S15W-FC-3018K-WH	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: Light by Lotus	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	11.2	11.9	11.4	12.1	12.3	11.0	11.7	11.2	11.9	12.0
3H	12.8	13.5	13.1	13.7	13.9	12.6	13.3	12.8	13.4	13.6
4H	13.4	14.0	13.7	14.3	14.5	13.2	13.8	13.4	14.0	14.3
6H	13.7	14.4	14.0	14.6	14.8	13.6	14.2	13.9	14.4	14.7
8H	13.8	14.4	14.1	14.7	14.9	13.7	14.3	14.0	14.5	14.8
12H	13.8	14.4	14.1	14.7	14.9	13.8	14.3	14.1	14.6	14.9
4H 2H	11.9	12.5	12.1	12.7	12.9	11.7	12.4	12.0	12.6	12.8
3H	13.6	14.2	13.9	14.5	14.7	13.4	14.0	13.7	14.3	14.5
4H	14.3	14.8	14.6	15.1	15.4	14.1	14.7	14.5	15.0	15.3
6H	14.7	15.2	15.1	15.5	15.9	14.6	15.1	15.0	15.4	15.8
8H	14.8	15.3	15.2	15.6	16.0	14.8	15.2	15.2	15.6	15.9
12H	14.8	15.2	15.2	15.6	16.0	14.9	15.3	15.3	15.6	16.0
8H 4H	14.5	15.0	14.9	15.3	15.7	14.4	14.8	14.8	15.2	15.5
6H	15.0	15.4	15.5	15.8	16.2	15.0	15.3	15.4	15.7	16.1
8H	15.2	15.5	15.6	15.9	16.4	15.2	15.5	15.6	15.9	16.3
12H	15.2	15.5	15.7	15.9	16.4	15.3	15.6	15.8	16.0	16.5
12H 4H	14.5	14.9	14.9	15.3	15.7	14.4	14.8	14.8	15.1	15.5
6H	15.1	15.4	15.5	15.8	16.2	15.0	15.3	15.4	15.7	16.2
8H	15.2	15.5	15.7	15.9	16.4	15.2	15.5	15.7	15.9	16.4

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 0.1 / - 0.2	+ 0.2 / - 0.2
1.5H	+ 0.1 / - 0.2	+ 0.1 / - 0.2
2.0H	+ 0.2 / - 0.3	+ 0.2 / - 0.2

CIE Pub.117, 964.2 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -0.1)  
 Area: 0.0038465 m2

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.3°C  
 Operators:  
 Test Date:2024-09-22

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.087m [K=1.0000]  
 Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:119.81V I:0.1152A P:13.602W PF:0.9857 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:964.162x1 lm		
NAME: AD-3-S15W-FC-3018K-WH	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: Light by Lotus	SUR.:	Shielding Angle:

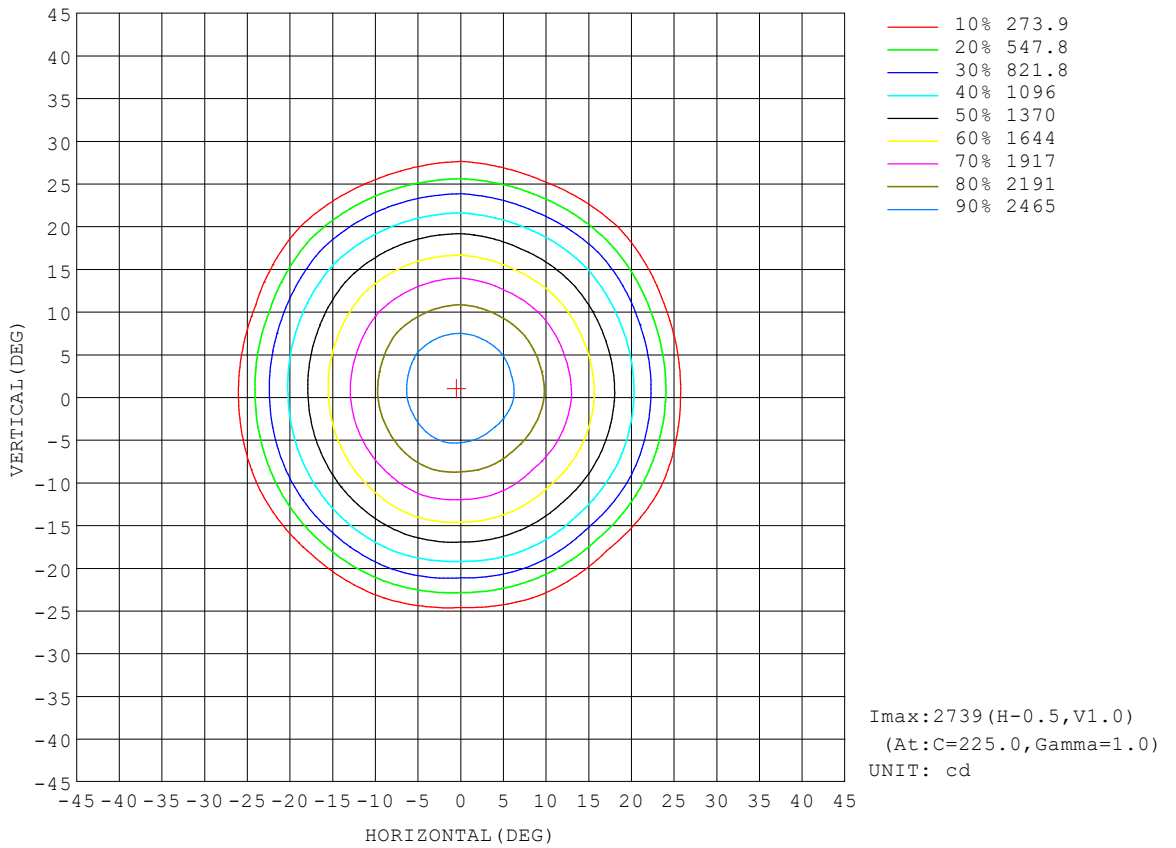
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	88	82	79	87	82	79	75
0.80	96	90	87	95	90	86	94	89	86	82
1.00	100	94	91	99	94	91	97	94	90	86
1.25	104	99	95	103	98	95	101	97	94	90
1.50	106	102	98	105	101	98	103	99	97	92
2.00	109	105	101	107	104	101	105	102	99	94
2.50	110	107	104	109	105	103	106	103	101	95
3.00	112	109	106	110	107	105	107	104	103	96
4.00	114	111	109	112	110	108	108	106	105	98
5.00	115	113	111	113	111	110	109	108	107	99
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: 24.3°C  
 Operators:  
 Test Date: 2024-09-22

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity: 65.0%  
 Test Distance: 3.087m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

Test:U:119.81V I:0.1152A P:13.602W PF:0.9857 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:964.162x1 lm		
NAME: AD-3-S15W-FC-3018K-WH	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: Light by Lotus	SUR.:	Shielding Angle:



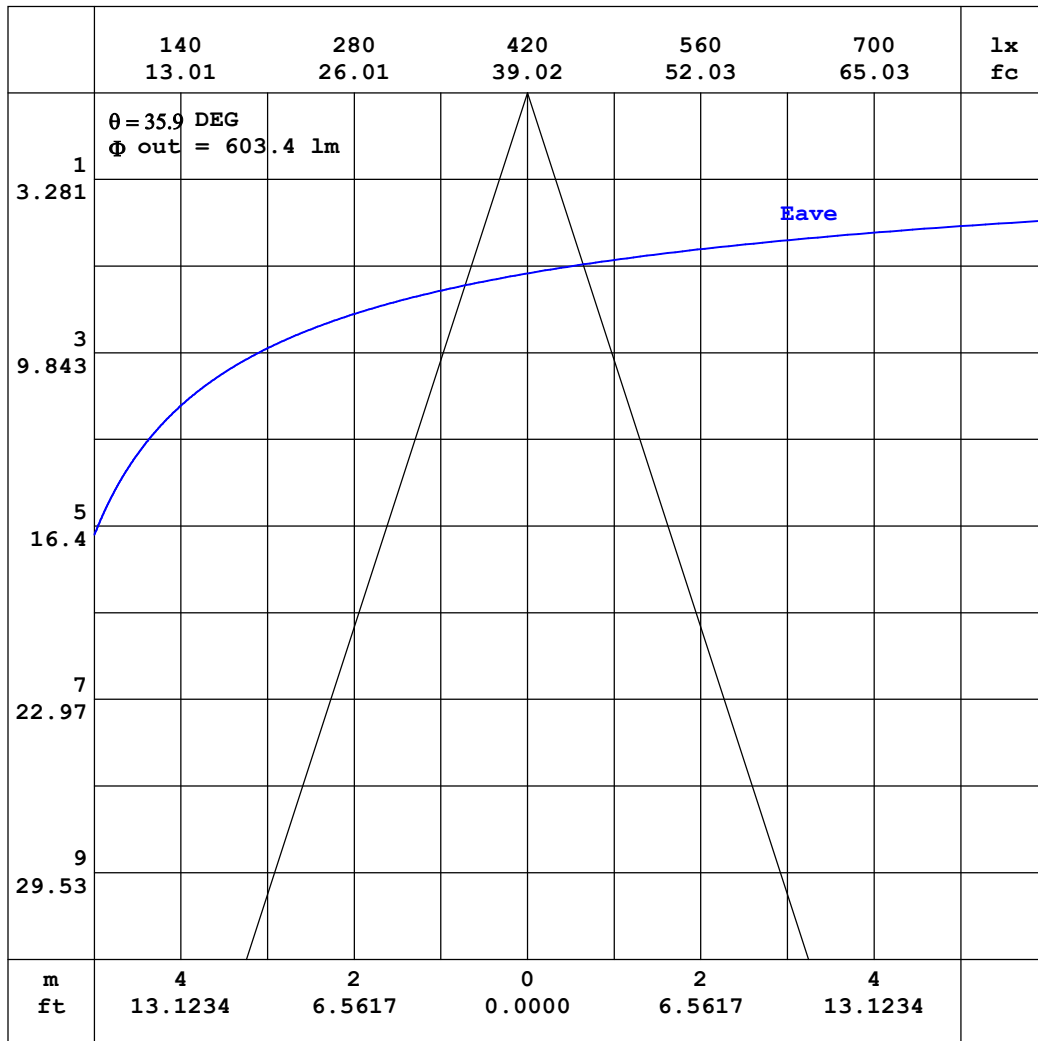
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.3°C  
 Operators:  
 Test Date:2024-09-22

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.087m [K=1.0000]  
 Remarks:



**AAI CURVES**

Test:U:119.81V I:0.1152A P:13.602W PF:0.9857 Freq:59.98Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:964.162x1 lm		
NAME: AD-3-S15W-FC-3018K-WH	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: Light by Lotus	SUR.:	Shielding Angle:



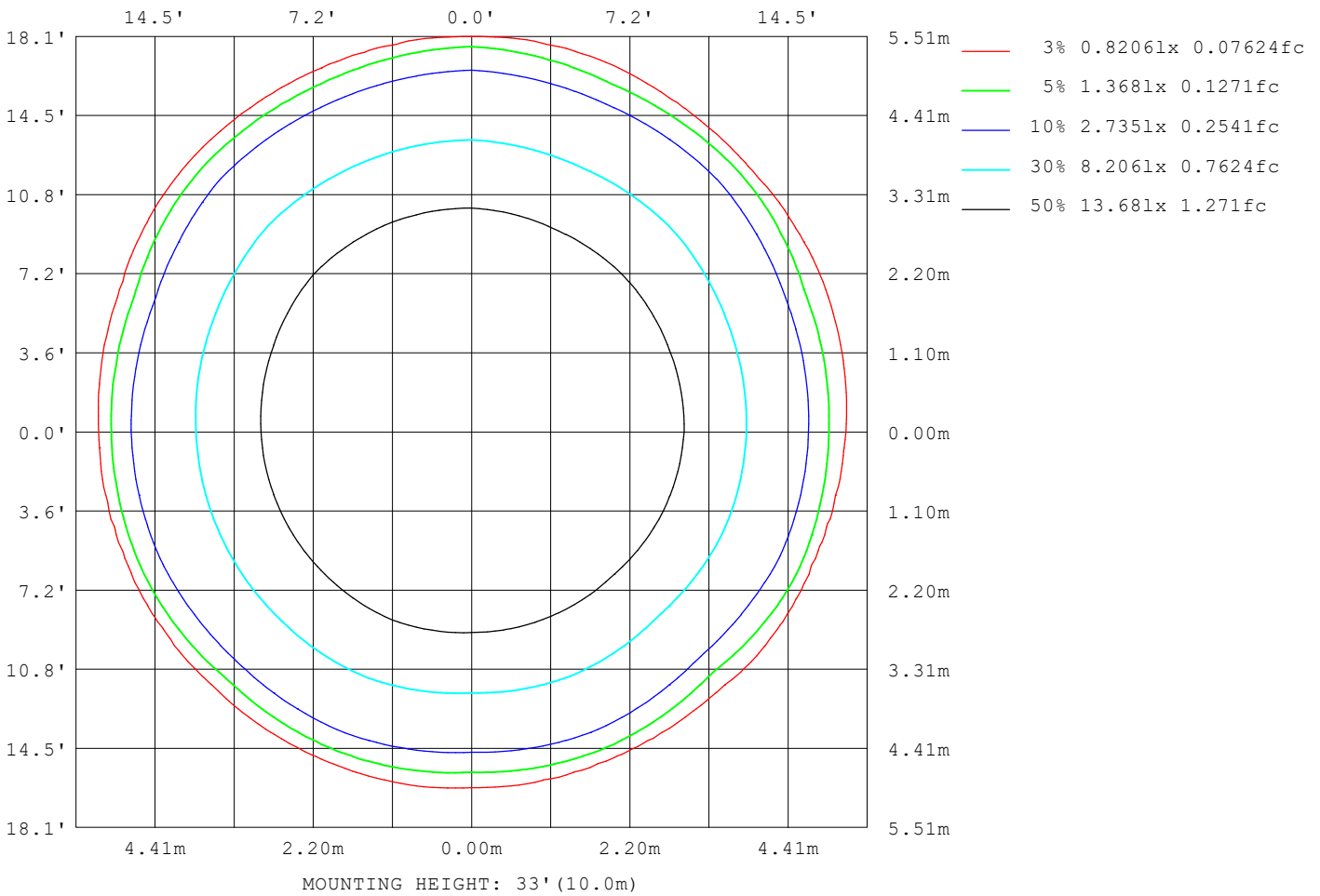
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 24.3°C  
 Operators:  
 Test Date: 2024-09-22

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity: 65.0%  
 Test Distance: 3.087m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

Test:U:119.81V I:0.1152A P:13.602W PF:0.9857 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:964.162x1 lm		
NAME: AD-3-S15W-FC-3018K-WH	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: Light by Lotus	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.3°C  
 Operators:  
 Test Date:2024-09-22

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.087m [K=1.0000]  
 Remarks:

**LED Avg.L Report**

Test:U:119.81V I:0.1152A P:13.602W PF:0.9857 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:964.162x1 lm		
NAME: AD-3-S15W-FC-3018K-WH	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: Light by Lotus	SUR.:	Shielding Angle:

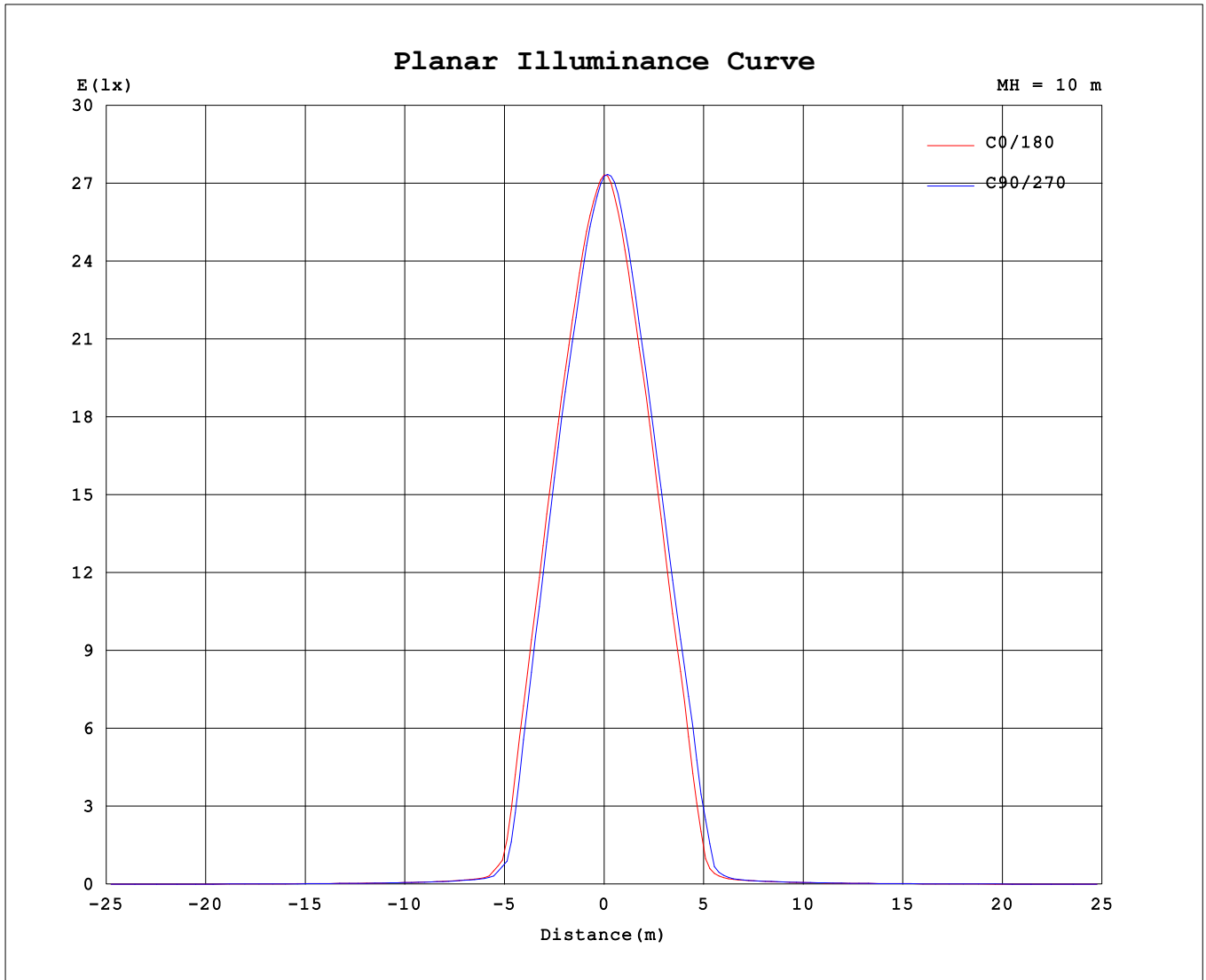
AvgL	cd/m2
L_0~180 (65) av	6472
L_0~180 (75) av	5124
L_0~180 (85) av	1920
L_90~270 (65) av	6605
L_90~270 (75) av	5853
L_90~270 (85) av	4411
L_45 (65) av	6504
L_45 (75) av	5435
L_45 (85) av	2633

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:24.3℃  
 Operators:  
 Test Date:2024-09-22

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity:65.0%  
 Test Distance:3.087m [K=1.0000]  
 Remarks:

**Planar Illuminance Curve**



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 24.3 °C  
 Operators:  
 Test Date: 2024-09-22

γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.460  
 Humidity: 65.0%  
 Test Distance: 3.087m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.81V I:0.1152A P:13.602W PF:0.9857 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:964.162x1 lm		
NAME: AD-3-S15W-FC-3018K-WH	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.: Light by Lotus	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	2732	2727	2725	2727	2728	2727	2725	2726	2732	2727	2725	2727	2728	2727	2725	2726			
5	2544	2514	2483	2482	2489	2510	2521	2529	2554	2572	2605	2618	2625	2601	2579	2553			
10	2174	2128	2090	2093	2090	2119	2124	2138	2165	2195	2243	2249	2262	2237	2225	2192			
15	1718	1667	1606	1601	1602	1637	1637	1661	1698	1746	1803	1812	1814	1768	1760	1729			
20	1135	1084	999	1014	985	1046	1063	1087	1120	1178	1258	1270	1272	1227	1208	1167			
25	387	347	218	259	221	286	294	378	420	455	604	631	644	573	530	434			
30	50.1	45.2	40.9	40.8	40.6	43.8	45.2	48.8	49.2	65.4	66.5	76.9	70.8	78.9	56.8	52.2			
35	30.3	29.5	28.5	28.3	28.2	28.8	29.1	29.9	28.7	29.4	30.3	30.3	30.5	29.6	29.1	28.8			
40	23.9	23.4	22.4	22.4	22.2	22.7	23.0	23.7	23.5	23.8	24.4	24.3	24.5	24.0	23.8	23.4			
45	19.8	19.3	18.9	18.8	18.7	18.9	19.2	19.4	19.8	20.1	20.4	20.5	20.5	20.2	19.9	19.7			
50	17.1	16.7	16.4	16.3	16.3	16.4	16.7	16.8	17.1	17.4	17.7	17.7	17.7	17.4	17.2	17.0			
55	14.9	14.6	14.4	14.3	14.3	14.4	14.5	14.6	14.9	15.2	15.5	15.6	15.5	15.3	15.1	14.9			
60	12.9	12.6	12.3	12.2	12.2	12.3	12.3	12.5	12.7	13.1	13.4	13.5	13.5	13.3	13.1	12.9			
65	10.6	10.4	10.2	10.1	10.1	10.1	10.1	10.2	10.5	10.7	11.1	11.3	11.4	11.1	10.9	10.6			
70	8.09	8.00	7.76	7.68	7.66	7.70	7.61	7.55	7.62	7.89	8.58	8.96	9.06	8.76	8.35	8.02			
75	5.32	5.28	5.25	5.29	5.30	5.26	5.07	4.92	4.88	5.12	5.68	6.15	6.36	6.01	5.63	5.33			
80	2.86	2.84	2.86	3.02	3.08	3.00	2.81	2.61	2.50	2.67	3.16	3.65	3.96	3.59	3.18	2.87			
85	0.75	0.76	0.80	1.00	1.18	1.07	0.85	0.64	0.54	0.50	0.93	1.46	1.77	1.38	0.95	0.72			
90	0.04	0.04	0.04	0.07	0.06	0.06	0.05	0.05	0.06	0.04	0.03	0.03	0.08	0.03	0.03	0.03			

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 Humidity:65.0%  
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