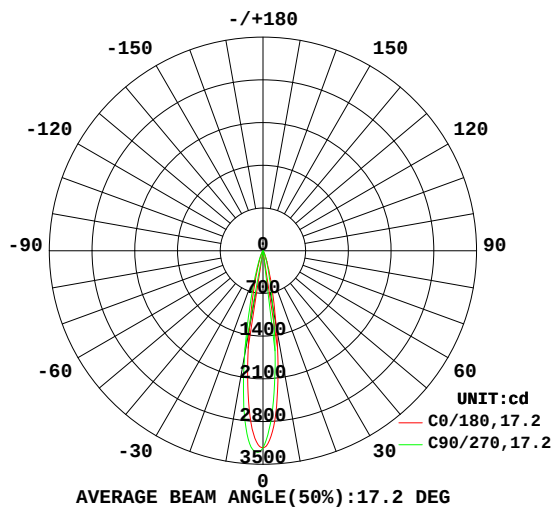


LUMINAIRE PHOTOMETRIC TEST REPORT

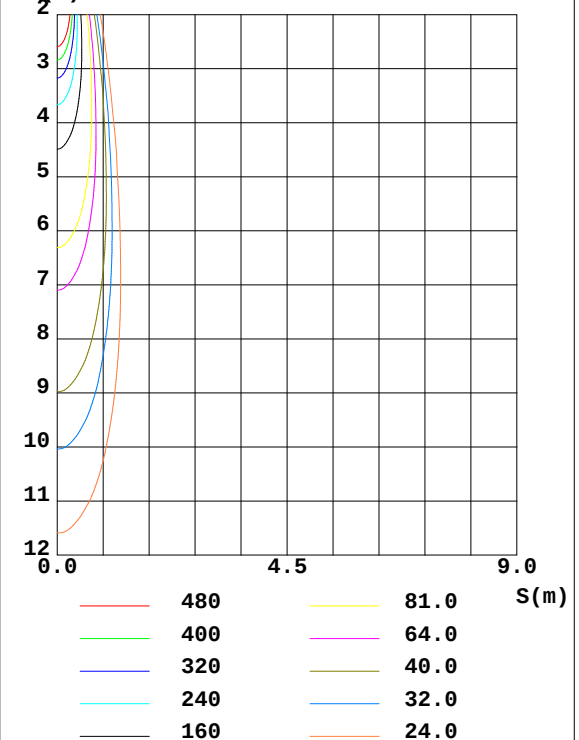
NAME: VF51RA01	TYPE:	WEIGHT:1
SPEC.:4000K 7W 90CRI 15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 63.09 lm/W
MODEL	VF51RA01	Imax(cd)	3303	S/MH(C0/180)	0.30	
NOMINAL POWER(W)	7	LOR(%)	100.0	S/MH(C90/270)	0.34	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	412.62	η UP, DN(C0-180)	1.3, 41.8	
NOMINAL FLUX(lm)	412.619	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.2, 55.7	
LAMPS INSIDE	1	η up(%)	2.5	CIBSE SHR NOM	0.00	
TEST VOLTAGE(V)	120	η down(%)	97.5	CIBSE SHR MAX	1.00	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:CJY
Test Date:2020-08-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

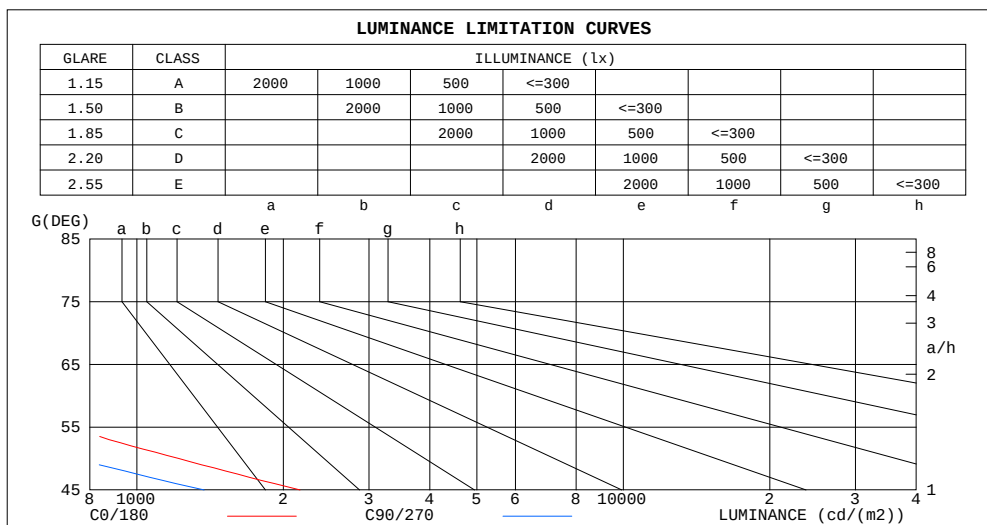
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1247	980.7	925.0	1040	1276	1589	1744	1592	0- 10	203.2	203.2	49.2, 49.2
20	191.8	154.4	146.7	162.2	183.6	217.7	250.0	239.8	10- 20	146.1	349.3	84.7, 84.7
30	39.93	30.81	26.32	27.55	32.29	39.09	46.85	48.10	20- 30	41.43	390.7	94.7, 94.7
40	5.435	3.790	3.044	2.840	3.241	3.999	5.690	6.696	30- 40	9.550	400.3	97.97
50	1.136	0.9207	0.6978	0.6358	0.6908	0.7937	1.095	1.227	40- 50	1.555	401.8	97.4, 97.4
60	0.2084	0.1156	0.0775	0.0597	0.0509	0.0573	0.1320	0.2004	50- 60	0.3828	402.2	97.5, 97.5
70	0.0619	0.0598	0.0642	0.0575	0.0509	0.0487	0.0486	0.0509	60- 70	0.0643	402.3	97.5, 97.5
80	0.0641	0.0642	0.0663	0.0641	0.0575	0.0510	0.0596	0.0531	70- 80	0.0612	402.3	97.5, 97.5
90	0.0641	0.0753	0.0818	0.0641	0.0752	0.0709	0.0774	0.0773	80- 90	0.0725	402.4	97.5, 97.5
100	0.0884	0.0864	0.0995	0.0730	0.0973	0.0931	0.0972	0.0950	90-100	0.0916	402.5	97.5, 97.5
110	0.0884	0.0974	0.0995	0.0995	0.1217	0.1174	0.1129	0.1128	100-110	0.1027	402.6	97.6, 97.6
120	0.1898	0.2058	0.2363	0.2342	0.2324	0.2017	0.1903	0.1925	110-120	0.1395	402.7	97.6, 97.6
130	0.8143	0.9703	1.081	1.026	0.8929	0.7255	0.6846	0.7444	120-130	0.3935	403.1	97.7, 97.7
140	3.250	3.617	3.783	3.627	3.395	3.000	2.860	3.029	130-140	1.467	404.6	98.1, 98.1
150	5.861	6.035	6.096	6.006	5.976	5.746	5.627	5.682	140-150	2.939	407.5	98.8, 98.8
160	6.609	6.500	6.627	6.565	6.798	6.719	6.688	6.531	150-160	2.943	410.5	99.5, 99.5
170	4.902	4.503	4.668	4.810	5.317	5.491	5.568	5.081	160-170	1.741	412.2	99.9, 99.9
180	3.184	3.291	3.272	3.372	3.188	3.295	3.281	3.374	170-180	0.4022	412.6	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 28DEG
 Operators: CJY
 Test Date: 2020-08-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.401
 Humidity: 65.0%
 Test Distance: 5.190m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

NAME: VF51RA01	TYPE:	WEIGHT:1
SPEC.:4000K 7W 90CRI 15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	507	558
80	254	263
75	165	171
70	125	129
65	112	112
60	287	107
55	702	360
50	1218	748
45	2164	1375

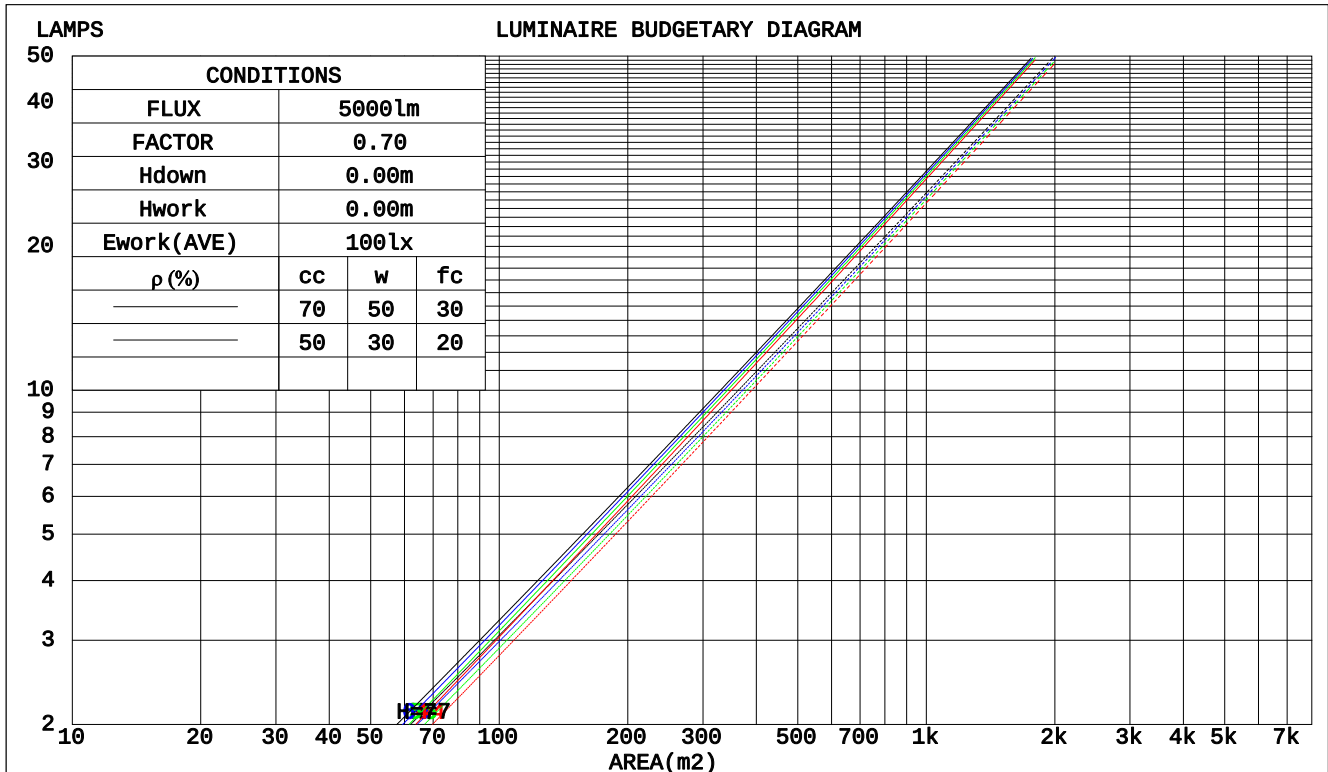
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 28DEG
 Operators: CJY
 Test Date: 2020-08-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.401
 Humidity: 65.0%
 Test Distance: 5.190m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: VF51RA01	TYPE:	WEIGHT:1
SPEC.:4000K 7W 90CRI 15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.13	1.11	1.09	1.10	1.09	1.07	1.06	1.05	1.04	1.02	1.01	1.00	.98	.98	.97	.95
2.0	1.08	1.05	1.03	1.06	1.04	1.02	1.03	1.01	.99	.99	.98	.97	.97	.95	.94	.93
3.0	1.04	1.01	.98	1.03	.99	.97	.99	.97	.95	.97	.95	.94	.95	.93	.92	.91
4.0	1.01	.97	.94	.99	.96	.94	.97	.94	.92	.95	.93	.91	.93	.91	.90	.89
5.0	.97	.94	.91	.96	.93	.91	.95	.92	.90	.93	.91	.89	.91	.89	.88	.87
6.0	.95	.91	.88	.94	.90	.88	.92	.89	.87	.91	.88	.86	.90	.87	.86	.85
7.0	.92	.89	.86	.92	.88	.86	.90	.87	.85	.89	.86	.85	.88	.86	.84	.83
8.0	.90	.86	.84	.89	.86	.84	.88	.85	.83	.87	.85	.83	.86	.84	.82	.81
9.0	.88	.84	.82	.87	.84	.82	.87	.84	.81	.86	.83	.81	.85	.82	.81	.80
10.0	.86	.83	.80	.86	.82	.80	.85	.82	.80	.84	.81	.80	.83	.81	.79	.78



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:CJY
 Test Date:2020-08-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:5.190m [K=1.0000]
 Remarks:

WEC AND CCEC

NAME: VF51RA01	TYPE:	WEIGHT:1
SPEC.:4000K 7W 90CRI 15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ρ_{CC}	80%			70%			50%			30%			10%			0	
ρ_W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρ_{fc}	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.128	.073	.023	.121	.069	.022	.107	.061	.020	.094	.054	.017	.083	.048	.015		
2.0	.117	.064	.020	.111	.061	.019	.100	.055	.017	.089	.050	.016	.079	.045	.014		
3.0	.108	.058	.017	.103	.055	.017	.094	.051	.015	.085	.046	.014	.076	.042	.013		
4.0	.101	.052	.015	.096	.050	.015	.088	.047	.014	.081	.043	.013	.074	.040	.012		
5.0	.094	.048	.014	.090	.046	.014	.083	.043	.013	.077	.041	.012	.071	.038	.011		
6.0	.089	.044	.013	.085	.043	.012	.079	.041	.012	.074	.038	.011	.068	.036	.011		
7.0	.084	.041	.012	.081	.040	.011	.076	.038	.011	.071	.036	.011	.066	.034	.010		
8.0	.079	.039	.011	.077	.038	.011	.072	.036	.010	.068	.034	.010	.064	.033	.010		
9.0	.075	.036	.010	.073	.036	.010	.069	.034	.010	.065	.033	.009	.061	.031	.009		
10.0	.072	.035	.010	.070	.034	.009	.066	.032	.009	.063	.031	.009	.059	.030	.009		

ρ _{CC}	80%			70%			50%			30%			10%			0
ρ _W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.209	.209	.209	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.187	.177	.168	.160	.152	.144	.109	.104	.100	.063	.060	.058	.020	.019	.019	
2.0	.168	.152	.138	.144	.131	.120	.099	.090	.083	.057	.053	.049	.018	.017	.016	
3.0	.153	.132	.116	.131	.114	.101	.090	.079	.071	.052	.046	.042	.017	.015	.014	
4.0	.140	.117	.100	.120	.101	.087	.082	.070	.061	.048	.041	.036	.015	.013	.012	
5.0	.129	.105	.087	.110	.090	.076	.076	.063	.053	.044	.037	.032	.014	.012	.010	
6.0	.119	.094	.077	.103	.082	.067	.071	.057	.047	.041	.034	.028	.013	.011	.009	
7.0	.111	.086	.068	.096	.075	.060	.066	.052	.042	.038	.031	.025	.012	.010	.008	
8.0	.105	.079	.062	.090	.069	.054	.062	.048	.038	.036	.028	.023	.012	.009	.008	
9.0	.099	.073	.056	.085	.064	.049	.059	.045	.035	.034	.026	.021	.011	.009	.007	
10.0	.094	.069	.052	.081	.060	.045	.056	.042	.032	.033	.025	.019	.011	.008	.006	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:CJY
Test Date:2020-08-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

NAME: VF51RA01					TYPE:					WEIGHT:1				
SPEC.:4000K 7W 90CRI 15D					DIM.:					SERIAL No.:				
MFR.:					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	8.0	8.6	8.2	8.8	8.9	5.8	6.4	6.0	6.5	6.7				
3H	7.9	8.4	8.1	8.6	8.8	5.7	6.2	5.9	6.4	6.6				
4H	7.8	8.3	8.1	8.5	8.8	5.6	6.1	5.9	6.3	6.6				
6H	7.7	8.2	8.0	8.5	8.7	5.5	6.0	5.8	6.3	6.5				
8H	7.7	8.1	8.0	8.4	8.7	5.5	6.0	5.8	6.2	6.5				
12H	7.6	8.1	8.0	8.4	8.7	5.5	5.9	5.8	6.2	6.5				
4H 2H	7.8	8.3	8.1	8.5	8.8	5.6	6.1	5.9	6.3	6.6				
3H	7.6	8.1	7.9	8.4	8.7	5.4	5.9	5.7	6.1	6.5				
4H	7.5	7.9	7.9	8.3	8.6	5.3	5.7	5.7	6.1	6.4				
6H	7.4	7.8	7.8	8.2	8.5	5.3	5.6	5.7	6.0	6.4				
8H	7.4	7.7	7.8	8.1	8.5	5.2	5.6	5.7	6.0	6.4				
12H	7.4	7.7	7.8	8.1	8.5	5.2	5.6	5.7	6.0	6.4				
8H 4H	7.4	7.7	7.8	8.1	8.5	5.2	5.5	5.6	5.9	6.3				
6H	7.3	7.5	7.7	8.0	8.4	5.1	5.4	5.6	5.8	6.3				
8H	7.2	7.5	7.7	7.9	8.4	5.1	5.4	5.6	5.8	6.3				
12H	7.2	7.4	7.7	7.9	8.4	5.2	5.4	5.7	5.9	6.4				
12H 4H	7.3	7.6	7.7	8.0	8.5	5.1	5.4	5.6	5.8	6.3				
6H	7.2	7.5	7.7	7.9	8.4	5.1	5.3	5.5	5.8	6.3				
8H	7.2	7.4	7.7	7.9	8.4	5.1	5.3	5.6	5.8	6.3				
Variations with the observer position at spacings:														
S = 1.0H	+ 4.4 / - 8.4					+ 3.0 / - 6.3								
1.5H	+ 6.7 / - 7.2					+ 4.9 / - 5.2								
2.0H	+ 5.2 / - 4.6					+ 4.1 / - 3.0								

CIE Pub.117, 412.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.1)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:CJY
 Test Date:2020-08-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:5.190m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

NAME: VF51RA01	TYPE:	WEIGHT:1
SPEC.:4000K 7W 90CRI 15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

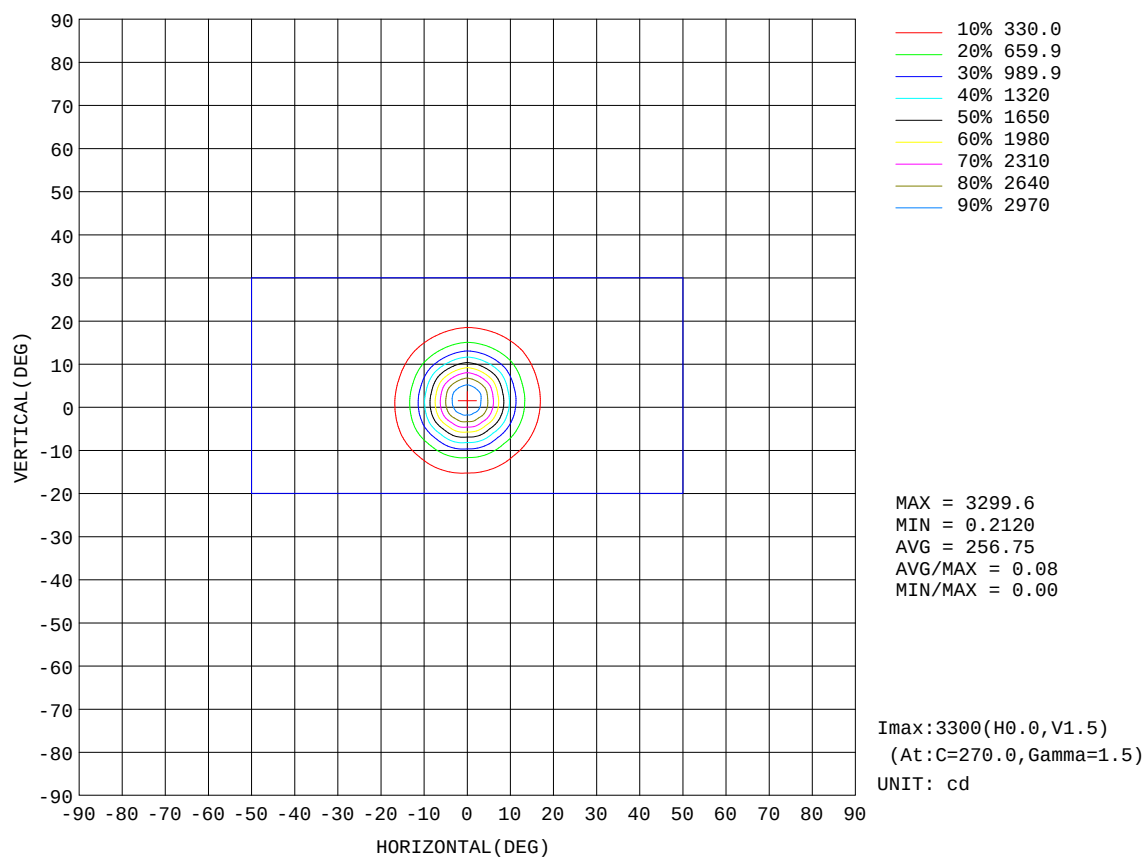
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	90	84	81	89	84	80	88	83	80	77
0.80	97	91	88	96	91	88	95	90	87	84
1.00	101	95	92	100	95	92	98	94	91	87
1.25	104	99	96	103	99	96	101	97	95	90
1.50	107	102	99	105	101	99	103	100	97	93
2.00	109	105	102	107	104	101	104	101	99	94
2.50	110	107	104	109	105	103	105	103	101	94
3.00	112	109	106	110	107	105	106	104	102	95
4.00	114	111	109	111	109	108	107	106	104	97
5.00	115	113	111	113	111	109	108	107	106	98
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: MEDIUM
 Temperature:28DEG
 Operators:CJY
 Test Date:2020-08-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:5.190m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

NAME: VF51RA01	TYPE:	WEIGHT:1
SPEC.:4000K 7W 90CRI 15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

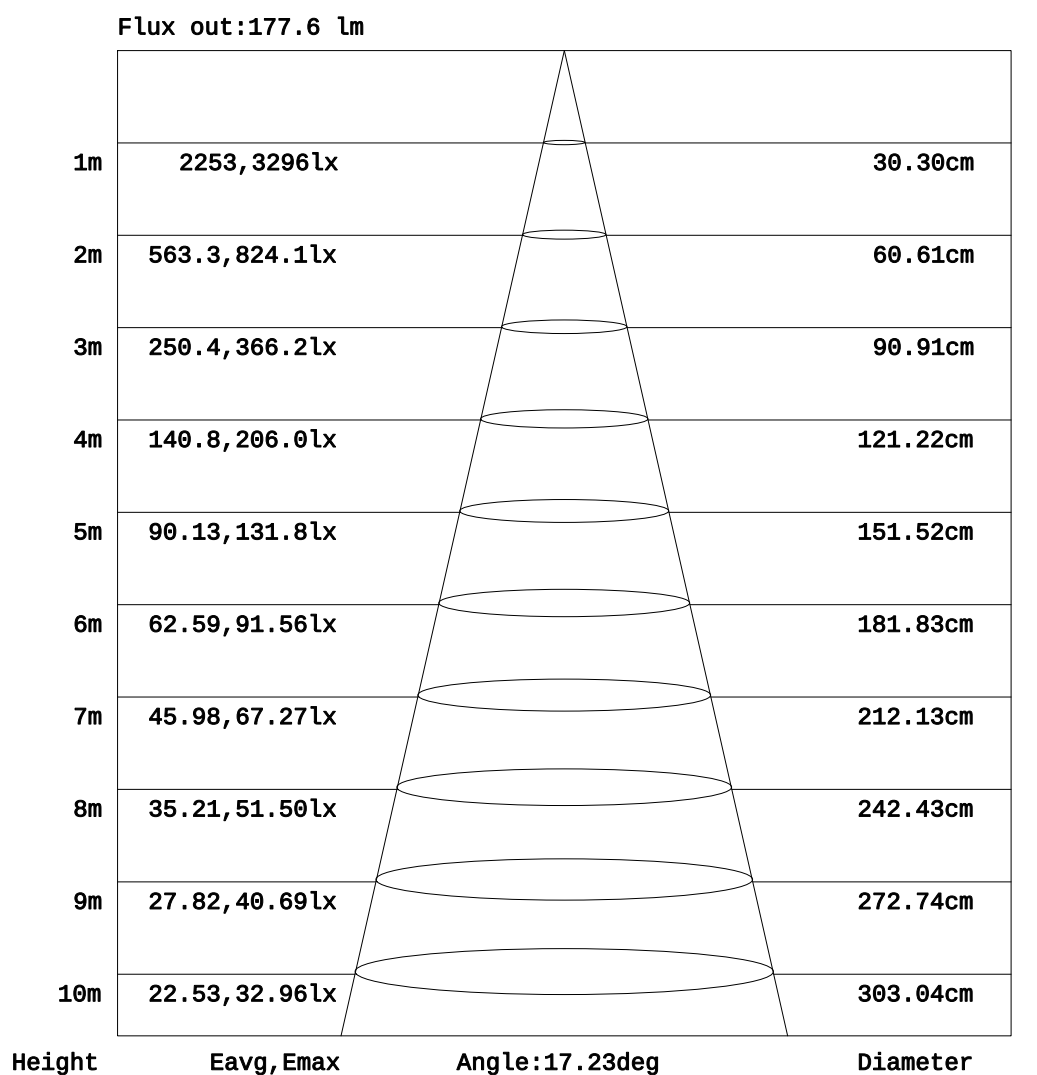


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:CJY
 Test Date:2020-08-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:5.190m [K=1.0000]
 Remarks:

AAI Figure

NAME: VF51RA01	TYPE:	WEIGHT:1
SPEC.:4000K 7W 90CRI 15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



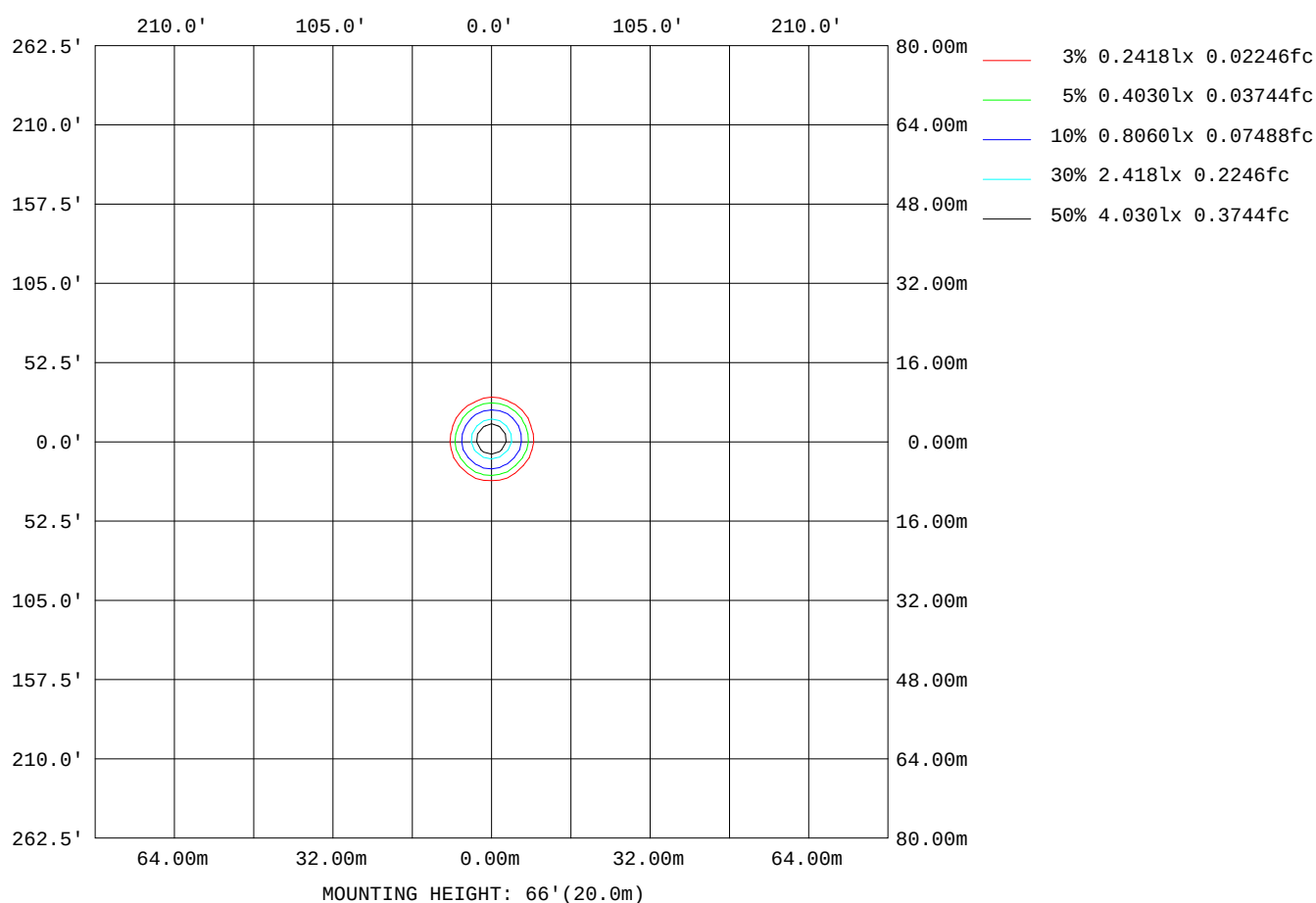
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:CJY
 Test Date:2020-08-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:5.190m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

NAME: VF51RA01	TYPE:	WEIGHT:1
SPEC.:4000K 7W 90CRI 15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:CJY
Test Date:2020-08-26

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

LED Avg.L Report

NAME: VF51RA01	TYPE:	WEIGHT:1
SPEC.:4000K 7W 90CRI 15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

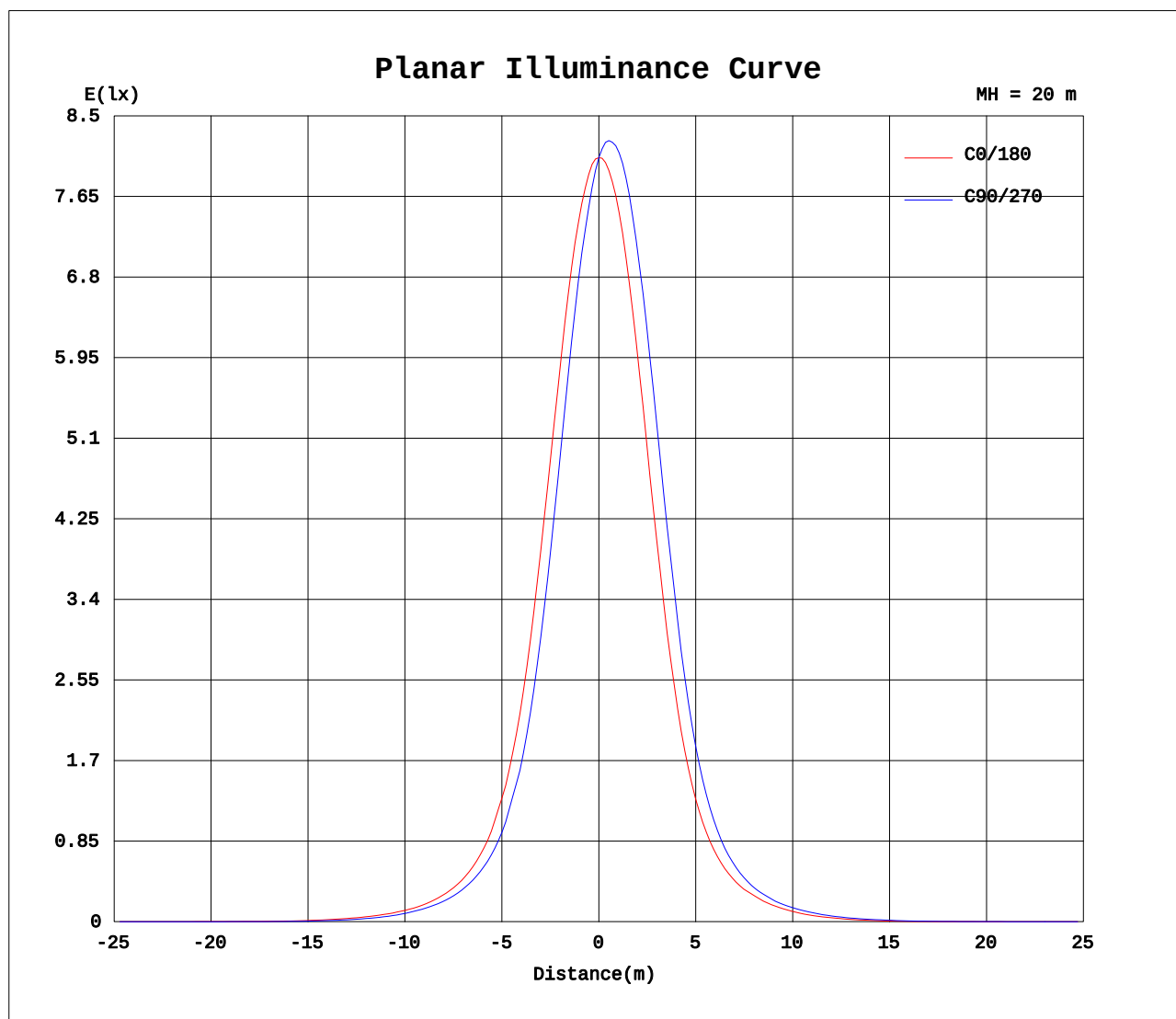
AvgL	cd/m2
L_0~180(65)av	97
L_0~180(75)av	150
L_0~180(85)av	508
L_90~270(65)av	96
L_90~270(75)av	153
L_90~270(85)av	542
L_45(65)av	92
L_45(75)av	147
L_45(85)av	491

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature:28DEG
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γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:5.190m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28DEG
Operators: CJY
Test Date: 2020-08-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: VF51RA01	TYPE:	WEIGHT:1
SPEC.:4000K 7W 90CRI 15D	DIM.:	SERIAL No.:
MFR.:	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	3227	3227	3227	3227	3227	3227	3227	3227	3227	3227	3227	3227	3227	3227	3227	3227			
5	2559	2433	2277	2243	2193	2280	2332	2505	2607	2717	2906	2948	3011	2931	2865	2670			
10	1247	1121	981	955	925	995	1040	1187	1276	1382	1589	1640	1744	1657	1592	1369			
15	477	415	365	354	346	372	393	441	467	509	579	617	666	637	619	533			
20	192	173	154	152	147	156	162	177	184	193	218	230	250	244	240	209			
25	85.7	77.7	69.3	67.2	65.7	68.7	71.0	77.6	80.8	85.2	95.0	99.2	107	105	104	92.4			
30	39.9	35.8	30.8	28.6	26.3	26.9	27.5	30.3	32.3	34.4	39.1	41.8	46.9	47.7	48.1	42.8			
35	16.4	14.5	12.1	10.8	9.31	8.99	8.82	9.91	10.7	11.8	14.4	16.1	18.8	19.5	20.0	17.7			
40	5.44	4.60	3.79	3.37	3.04	2.89	2.84	3.08	3.24	3.41	4.00	4.66	5.69	6.18	6.70	5.99			
45	2.22	2.02	1.79	1.63	1.41	1.31	1.29	1.39	1.47	1.51	1.71	1.98	2.26	2.36	2.47	2.33			
50	1.14	1.05	0.92	0.82	0.70	0.64	0.64	0.66	0.69	0.73	0.79	0.92	1.09	1.17	1.23	1.16			
55	0.58	0.52	0.44	0.36	0.30	0.25	0.23	0.23	0.24	0.29	0.34	0.41	0.49	0.56	0.60	0.60			
60	0.21	0.15	0.12	0.07	0.08	0.06	0.06	0.06	0.05	0.06	0.06	0.10	0.13	0.18	0.20	0.21			
65	0.07	0.06	0.07	0.06	0.07	0.06	0.06	0.06	0.05	0.06	0.05	0.06	0.05	0.06	0.05	0.07			
70	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.06	0.05	0.05			
75	0.06	0.07	0.06	0.07	0.06	0.07	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05			
80	0.06	0.07	0.06	0.07	0.07	0.07	0.06	0.07	0.06	0.05	0.05	0.05	0.06	0.05	0.05	0.05			
85	0.06	0.08	0.06	0.09	0.07	0.08	0.06	0.08	0.06	0.05	0.06	0.05	0.07	0.05	0.06	0.05			
90	0.06	0.08	0.08	0.08	0.08	0.08	0.06	0.08	0.08	0.06	0.07	0.06	0.08	0.06	0.08	0.08			
95	0.09	0.09	0.09	0.09	0.11	0.09	0.07	0.09	0.09	0.06	0.08	0.06	0.09	0.07	0.12	0.10			
100	0.09	0.09	0.09	0.09	0.10	0.09	0.07	0.09	0.10	0.07	0.09	0.07	0.10	0.09	0.10	0.10			
105	0.09	0.09	0.09	0.10	0.10	0.10	0.08	0.10	0.11	0.10	0.11	0.10	0.11	0.09	0.10	0.10			
110	0.09	0.10	0.10	0.11	0.10	0.12	0.10	0.12	0.12	0.10	0.12	0.10	0.11	0.10	0.11	0.10			
115	0.11	0.13	0.12	0.15	0.13	0.16	0.14	0.15	0.15	0.13	0.14	0.11	0.13	0.11	0.13	0.11			
120	0.19	0.21	0.21	0.24	0.24	0.26	0.23	0.24	0.23	0.20	0.20	0.17	0.19	0.17	0.19	0.18			
125	0.37	0.40	0.44	0.47	0.49	0.49	0.47	0.45	0.43	0.37	0.35	0.32	0.33	0.33	0.35	0.37			
130	0.81	0.87	0.97	1.01	1.08	1.05	1.03	0.92	0.89	0.80	0.73	0.69	0.68	0.71	0.74	0.82			
135	1.78	1.89	2.08	2.14	2.25	2.16	2.12	1.91	1.90	1.75	1.58	1.54	1.49	1.58	1.62	1.80			
140	3.25	3.40	3.62	3.69	3.78	3.70	3.63	3.41	3.40	3.21	3.00	2.92	2.86	2.95	3.03	3.25			
145	4.75	4.89	5.08	5.12	5.20	5.11	5.05	4.89	4.92	4.73	4.56	4.46	4.42	4.48	4.54	4.72			
150	5.86	5.92	6.04	6.05	6.10	6.04	6.01	5.92	5.98	5.85	5.75	5.65	5.63	5.63	5.68	5.79			
155	6.46	6.47	6.51	6.52	6.58	6.52	6.50	6.47	6.56	6.48	6.43	6.35	6.35	6.32	6.31	6.36			
160	6.61	6.56	6.50	6.54	6.63	6.58	6.57	6.62	6.80	6.74	6.72	6.67	6.69	6.60	6.53	6.48			
165	6.11	5.93	5.82	5.88	5.98	6.00	6.01	6.19	6.44	6.42	6.49	6.51	6.58	6.38	6.15	6.00			
170	4.90	4.71	4.50	4.59	4.67	4.74	4.81	5.11	5.32	5.44	5.49	5.49	5.57	5.33	5.08	4.92			
175	3.61	3.47	3.40	3.34	3.35	3.47	3.70	3.90	3.91	4.05	4.21	4.15	4.16	4.09	3.98	3.77			
180	3.18	3.14	3.29	3.20	3.27	3.27	3.37	3.30	3.19	3.13	3.30	3.20	3.28	3.27	3.37	3.30			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:CJY
Test Date:2020-08-26

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