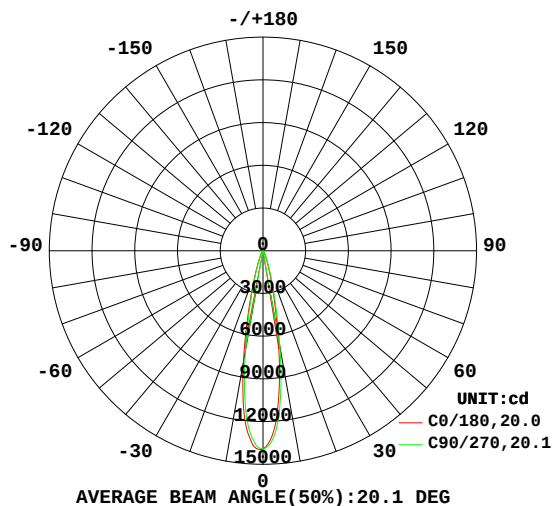


LUMINAIRE PHOTOMETRIC TEST REPORT

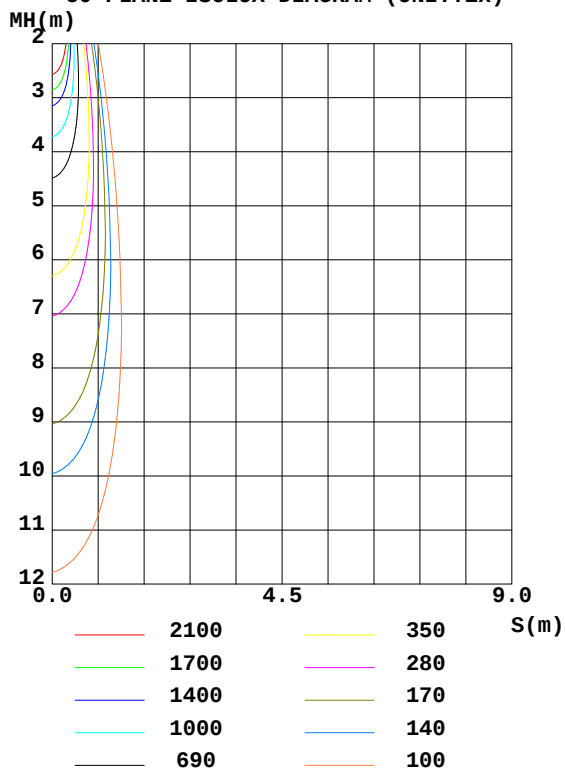
NAME: VM090	TYPE:	WEIGHT:1
SPEC.:BR 3000K 28W 90CRI 15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 85.10 lm/W			
MODEL		Imax(cd)	13961	S/MH(C0/180)	0.36
NOMINAL POWER(W)	28	LOR(%)	111.2	S/MH(C90/270)	0.34
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	2351.8	η UP, DN(C0-180)	1.4, 53.4
NOMINAL FLUX(lm)	2114.97	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.4, 55.1
LAMPS INSIDE	1	η up(%)	2.7	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	230	η down(%)	108.5	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:LGL
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:

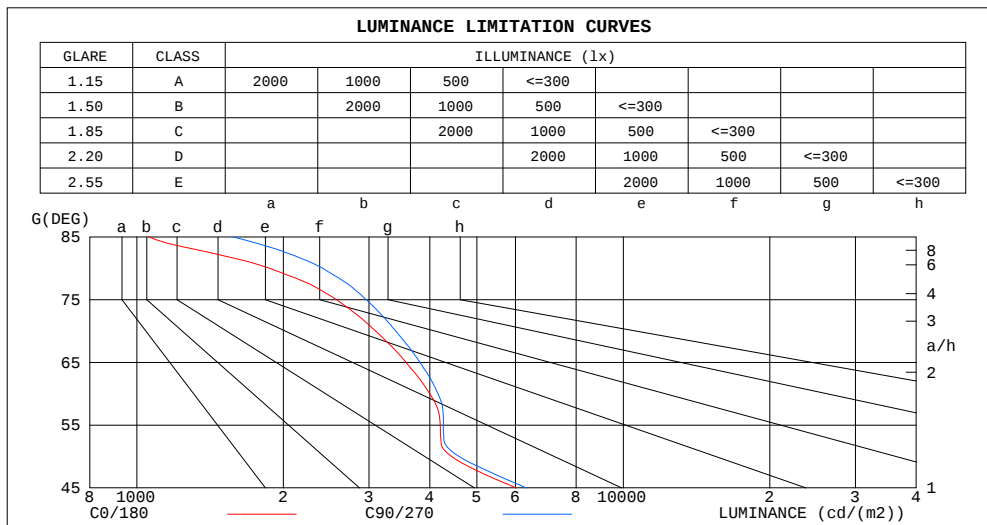
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	615.7	638.0	689.4	756.4	791.9	786.4	717.4	638.9	0- 10	986.9	986.9	42,46.7
20	98.51	102.5	111.3	119.8	125.7	129.3	117.2	103.2	10- 20	838.0	1825	77.6,86.3
30	26.04	26.63	28.22	29.63	30.75	31.05	28.86	26.58	20- 30	261.4	2086	88.7,98.6
40	8.882	8.962	9.536	10.07	10.34	10.26	9.707	9.061	30- 40	105.0	2191	93.2,104
50	3.447	3.463	3.559	3.716	3.794	3.772	3.638	3.514	40- 50	45.00	2236	95.1,106
60	2.418	2.444	2.507	2.569	2.600	2.599	2.531	2.460	50- 60	26.67	2263	96.2,107
70	1.280	1.327	1.404	1.469	1.465	1.485	1.424	1.347	60- 70	19.29	2282	97,108
80	0.3931	0.4368	0.5048	0.5419	0.5217	0.5431	0.5145	0.4492	70- 80	9.704	2292	97.5,108
90	0.0586	0.0592	0.0598	0.0597	0.0549	0.0548	0.0570	0.0555	80- 90	2.168	2294	97.5,108
100	0.0761	0.0762	0.0750	0.0733	0.0753	0.0751	0.0788	0.0778	90-100	0.7144	2295	97.6,109
110	0.1084	0.1075	0.1059	0.1020	0.1047	0.1047	0.1090	0.1094	100-110	0.9442	2296	97.6,109
120	0.2022	0.2032	0.1940	0.1822	0.1805	0.1832	0.1919	0.1985	110-120	1.384	2297	97.7,109
130	0.6358	0.6354	0.5893	0.5325	0.5366	0.5507	0.5941	0.6397	120-130	3.018	2300	97.8,109
140	1.911	1.899	1.807	1.703	1.711	1.731	1.818	1.912	130-140	8.662	2309	98.2,109
150	3.173	3.148	3.097	3.040	3.054	3.056	3.110	3.165	140-150	15.61	2324	98.8,110
160	3.572	3.487	3.482	3.487	3.575	3.555	3.562	3.557	150-160	15.65	2340	99.5,111
170	2.706	2.624	2.667	2.721	2.909	2.871	2.860	2.769	160-170	9.391	2350	99.9,111
180	1.905	1.998	1.966	1.990	1.907	1.999	1.969	1.901	170-180	2.276	2352	100,111
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:LGL
 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: VM090	TYPE:	WEIGHT:1
SPEC.:BR 3000K 28W 90CRI 15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1058	1575
80	1872	2411
75	2571	2960
70	3095	3405
65	3574	3818
60	4000	4160
55	4203	4266
50	4436	4593
45	6021	6314

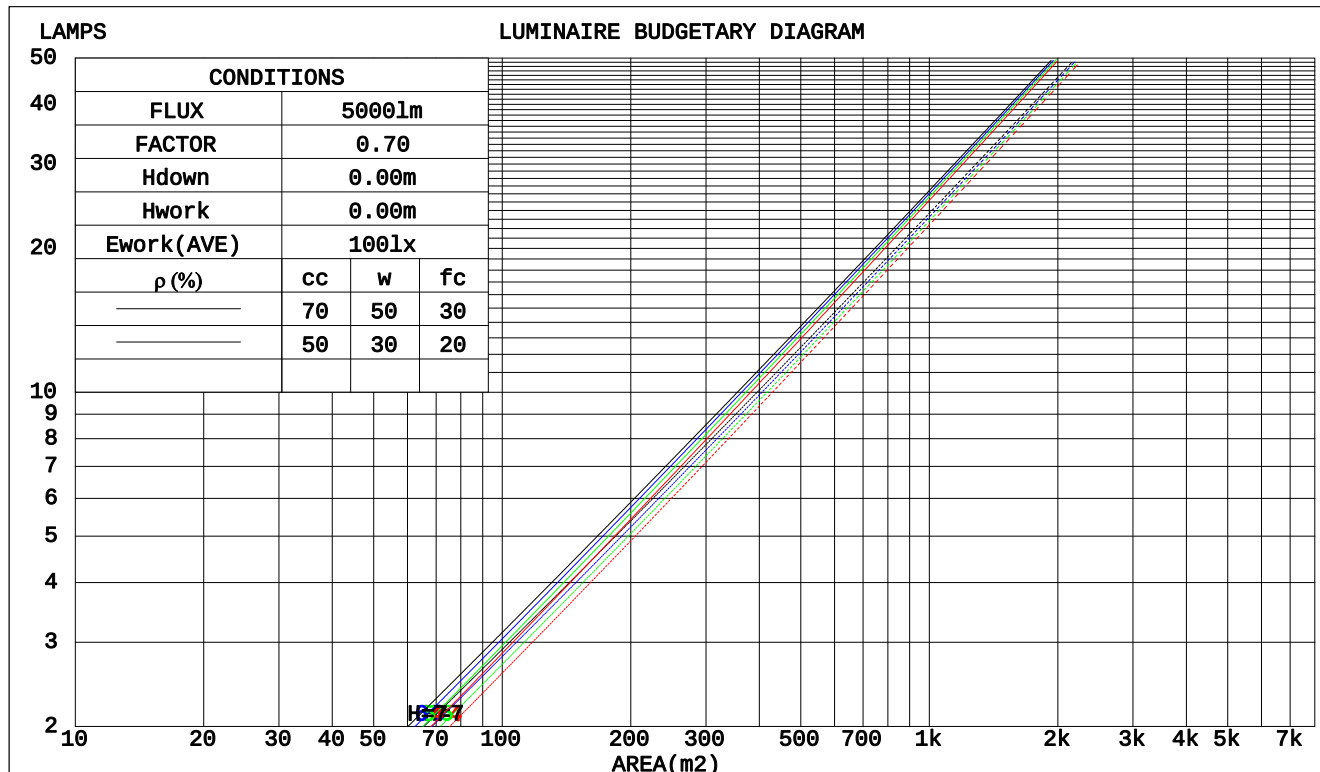
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 28DEG
 Operators: LGL
 Test Date: 2020-08-26

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: VM090	TYPE:	WEIGHT:1
SPEC.:BR 3000K 28W 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	1.32	1.32	1.32	1.28	1.28	1.28	1.22	1.22	1.22	1.16	1.16	1.16	1.11	1.11	1.11	1.08
1.0	1.25	1.22	1.20	1.22	1.20	1.18	1.17	1.15	1.14	1.12	1.11	1.10	1.08	1.07	1.07	1.05
2.0	1.18	1.15	1.12	1.16	1.13	1.11	1.12	1.10	1.08	1.09	1.07	1.05	1.05	1.04	1.03	1.01
3.0	1.13	1.09	1.06	1.11	1.08	1.05	1.08	1.05	1.03	1.05	1.03	1.01	1.03	1.01	.99	.97
4.0	1.09	1.04	1.01	1.07	1.03	.99	1.05	1.01	.99	1.02	.99	.97	1.00	.98	.96	.94
5.0	1.05	.99	.97	1.04	.99	.96	1.01	.98	.95	.99	.96	.94	.98	.95	.93	.92
6.0	1.01	.96	.93	1.00	.96	.93	.98	.95	.92	.97	.94	.91	.95	.93	.90	.89
7.0	.98	.93	.90	.97	.93	.90	.96	.92	.89	.94	.91	.89	.93	.90	.88	.87
8.0	.95	.91	.87	.94	.90	.87	.93	.89	.87	.92	.89	.86	.91	.88	.86	.85
9.0	.93	.88	.85	.92	.88	.85	.91	.87	.84	.90	.86	.84	.89	.86	.84	.83
10.0	.90	.86	.83	.90	.86	.83	.89	.85	.82	.88	.84	.82	.87	.84	.82	.81



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

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ 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: VM090	TYPE:	WEIGHT:1
SPEC.:BR 3000K 28W 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	.159	.090	.029	.151	.086	.027	.135	.078	.025	.121	.070	.022	.108	.063	.020		
2.0	.147	.081	.025	.140	.077	.024	.127	.071	.022	.115	.065	.020	.105	.059	.019		
3.0	.136	.073	.022	.131	.070	.021	.120	.065	.020	.110	.060	.018	.100	.056	.017		
4.0	.127	.066	.019	.122	.064	.019	.113	.060	.018	.104	.056	.017	.096	.052	.016		
5.0	.119	.061	.018	.115	.059	.017	.107	.056	.016	.099	.052	.016	.092	.049	.015		
6.0	.112	.056	.016	.108	.055	.016	.101	.052	.015	.095	.049	.014	.089	.047	.014		
7.0	.106	.052	.015	.102	.051	.015	.096	.049	.014	.091	.046	.014	.085	.044	.013		
8.0	.100	.049	.014	.097	.048	.014	.092	.046	.013	.087	.044	.013	.082	.042	.012		
9.0	.095	.046	.013	.093	.045	.013	.088	.043	.012	.083	.042	.012	.079	.040	.012		
10.0	.091	.044	.012	.088	.043	.012	.084	.041	.012	.080	.040	.011	.076	.038	.011		

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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.233	.233	.233	.199	.199	.199	.136	.136	.136	.078	.078	.078	.025	.025	.025	
1.0	.209	.196	.185	.178	.168	.159	.122	.116	.110	.070	.067	.064	.023	.022	.021	
2.0	.189	.169	.152	.162	.145	.131	.111	.100	.091	.064	.058	.054	.021	.019	.017	
3.0	.173	.147	.127	.148	.127	.110	.102	.088	.077	.059	.052	.046	.019	.017	.015	
4.0	.159	.130	.108	.136	.113	.094	.094	.078	.066	.054	.046	.039	.017	.015	.013	
5.0	.147	.117	.094	.126	.101	.082	.087	.071	.058	.050	.041	.034	.016	.014	.011	
6.0	.137	.106	.083	.118	.091	.072	.081	.064	.051	.047	.038	.030	.015	.012	.010	
7.0	.128	.097	.074	.111	.084	.065	.076	.059	.046	.044	.035	.027	.014	.011	.009	
8.0	.121	.089	.067	.104	.077	.058	.072	.054	.041	.042	.032	.025	.014	.010	.008	
9.0	.115	.083	.061	.099	.072	.053	.068	.050	.038	.040	.030	.023	.013	.010	.007	
10.0	.109	.077	.056	.094	.067	.049	.065	.047	.035	.038	.028	.021	.012	.009	.007	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:LGL
 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.: vM090						TYPE.:			WEIGHT:1		
SPEC.:BR 3000K 28W 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		7.8	8.5	8.1	8.6	8.8	8.1	8.7	8.3	8.9	9.1
3H		8.6	9.2	8.8	9.4	9.6	8.9	9.5	9.1	9.7	9.9
4H		8.8	9.4	9.1	9.6	9.9	9.2	9.7	9.5	10.0	10.2
6H		8.9	9.5	9.3	9.8	10.0	9.4	9.9	9.7	10.2	10.5
8H		8.9	9.5	9.3	9.8	10.0	9.4	9.9	9.7	10.2	10.5
12H		8.9	9.4	9.3	9.7	10.0	9.4	9.9	9.7	10.2	10.5
4H 2H		8.1	8.7	8.4	8.9	9.2	8.3	8.9	8.6	9.2	9.4
3H		9.0	9.5	9.4	9.8	10.1	9.3	9.8	9.6	10.1	10.4
4H		9.4	9.8	9.7	10.2	10.5	9.7	10.2	10.1	10.5	10.8
6H		9.5	10.0	9.9	10.3	10.7	10.0	10.4	10.4	10.7	11.1
8H		9.6	9.9	10.0	10.3	10.7	10.0	10.4	10.4	10.8	11.2
12H		9.5	9.9	10.0	10.3	10.7	10.0	10.4	10.5	10.8	11.2
8H 4H		9.4	9.8	9.9	10.2	10.6	9.8	10.1	10.2	10.5	10.9
6H		9.7	10.0	10.1	10.4	10.9	10.1	10.4	10.6	10.9	11.3
8H		9.7	10.0	10.2	10.5	11.0	10.2	10.5	10.7	10.9	11.4
12H		9.7	10.0	10.2	10.4	11.0	10.2	10.5	10.7	11.0	11.5
12H 4H		9.4	9.8	9.9	10.2	10.6	9.7	10.1	10.2	10.5	10.9
6H		9.7	10.0	10.2	10.4	10.9	10.1	10.4	10.6	10.8	11.3
8H		9.7	10.0	10.2	10.4	11.0	10.2	10.4	10.7	10.9	11.4
Variations with the observer position at spacings:											
S = 1.0H		+ 0.7 / - 0.9					+ 0.8 / - 0.9				
1.5H		+ 1.6 / - 0.9					+ 1.7 / - 0.8				
2.0H		+ 0.7 / - 0.5					+ 0.7 / - 0.5				

CIE Pub.117, 2115 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 2.6$)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 28DEG
 Operators: LGL
 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: VM090	TYPE:	WEIGHT:1
SPEC.:BR 3000K 28W 90CRI 15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

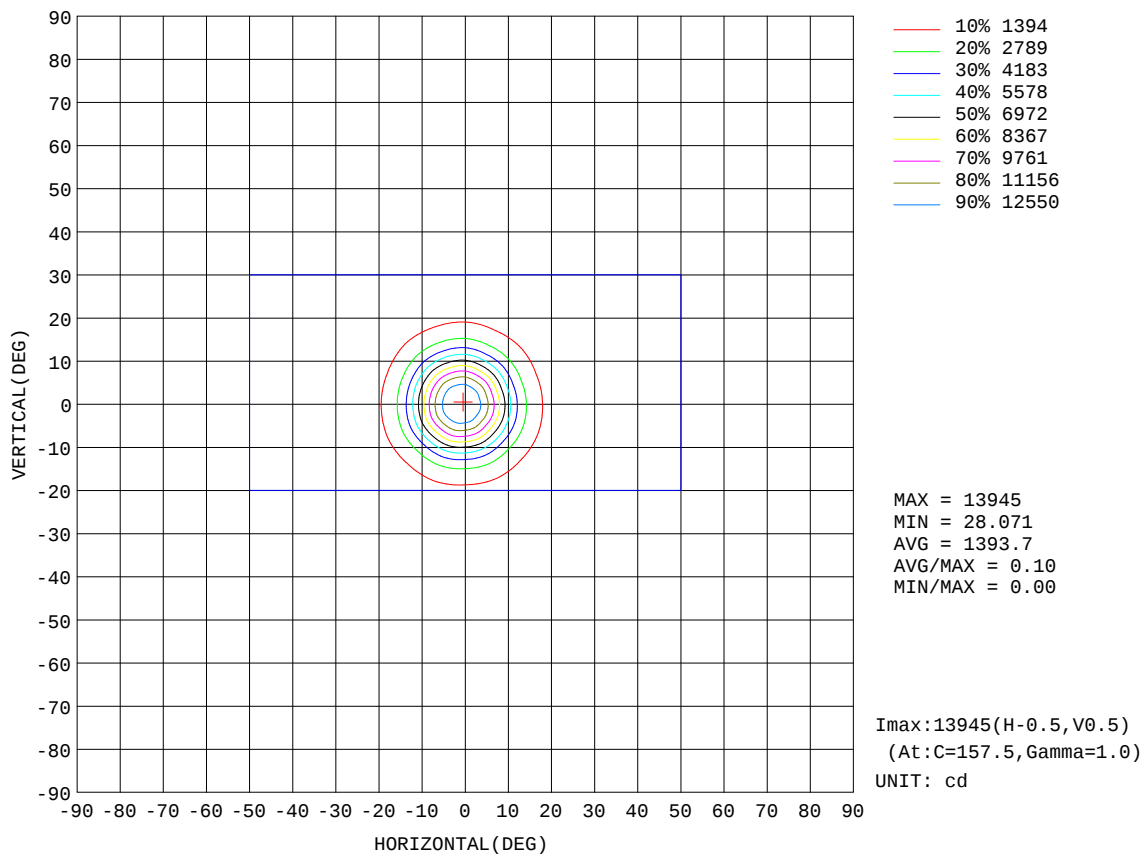
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	97	90	86	97	90	86	95	90	86	82
0.80	105	99	95	104	98	95	103	97	94	90
1.00	110	104	100	109	103	99	107	103	99	94
1.25	114	108	105	113	108	104	110	106	103	98
1.50	117	112	108	115	111	107	113	109	106	101
2.00	120	115	112	118	114	111	115	111	109	102
2.50	122	118	114	120	116	113	116	113	111	103
3.00	124	120	117	121	118	115	117	115	112	105
4.00	126	123	120	123	121	119	119	117	115	106
5.00	127	125	123	125	122	121	120	118	117	108
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:LGL
 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: VM090	TYPE:	WEIGHT:1
SPEC.:BR 3000K 28W 90CRI 15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

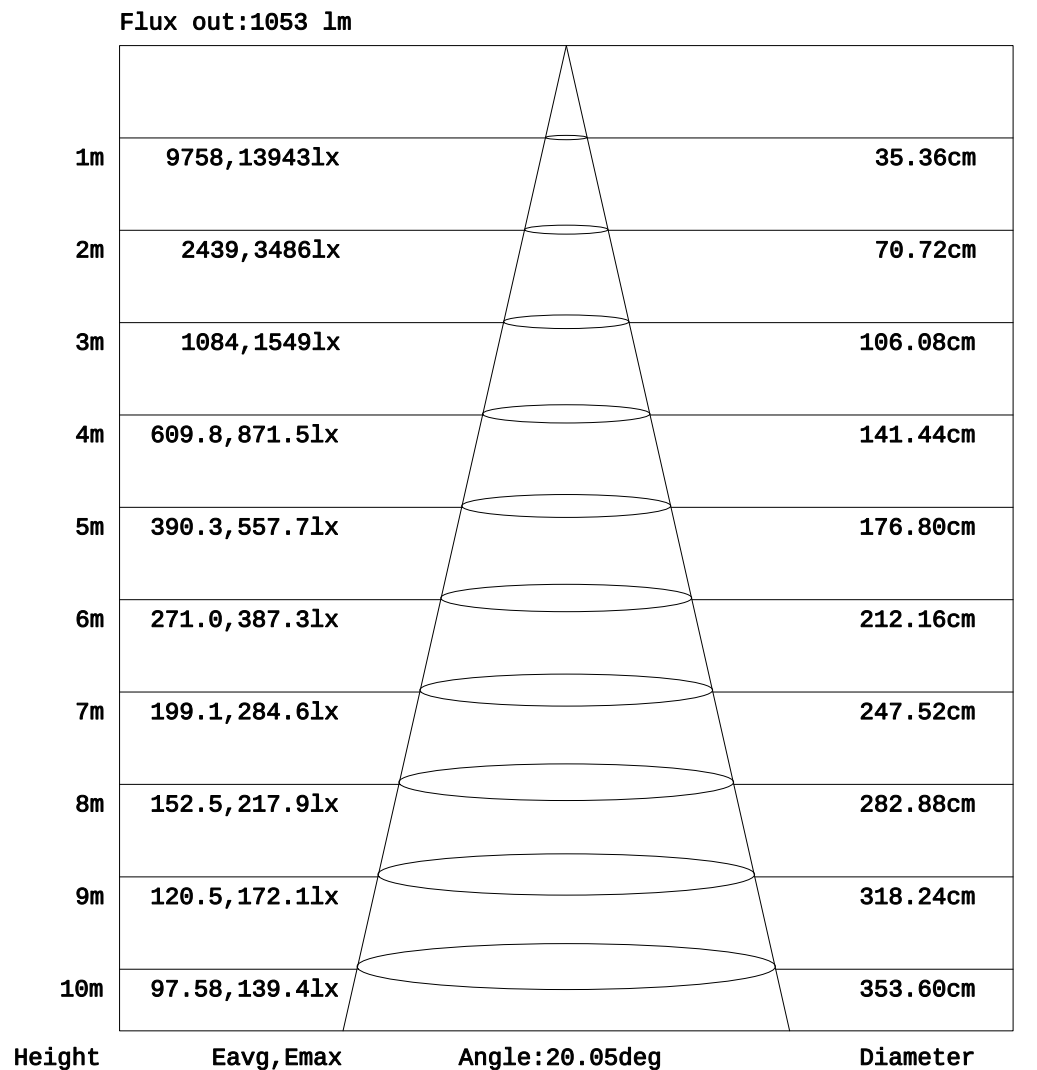


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:LGL
 Test Date:2020-08-26

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: VM090	TYPE:	WEIGHT:1
SPEC.:BR 3000K 28W 90CRI 15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



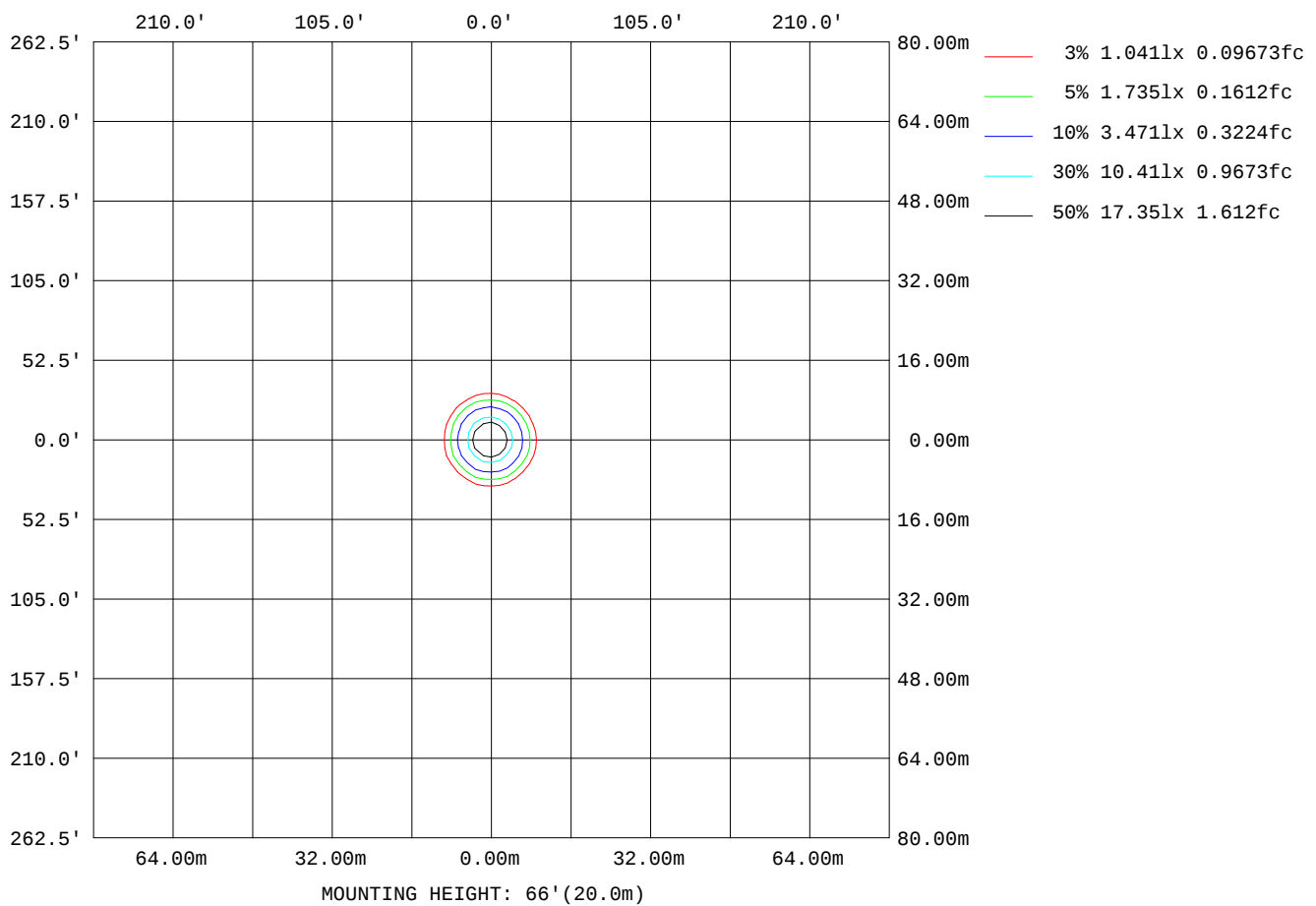
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:LGL
 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: VM090	TYPE:	WEIGHT:1
SPEC.:BR 3000K 28W 90CRI 15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



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

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ 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: VM090	TYPE:	WEIGHT:1
SPEC.:BR 3000K 28W 90CRI 15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

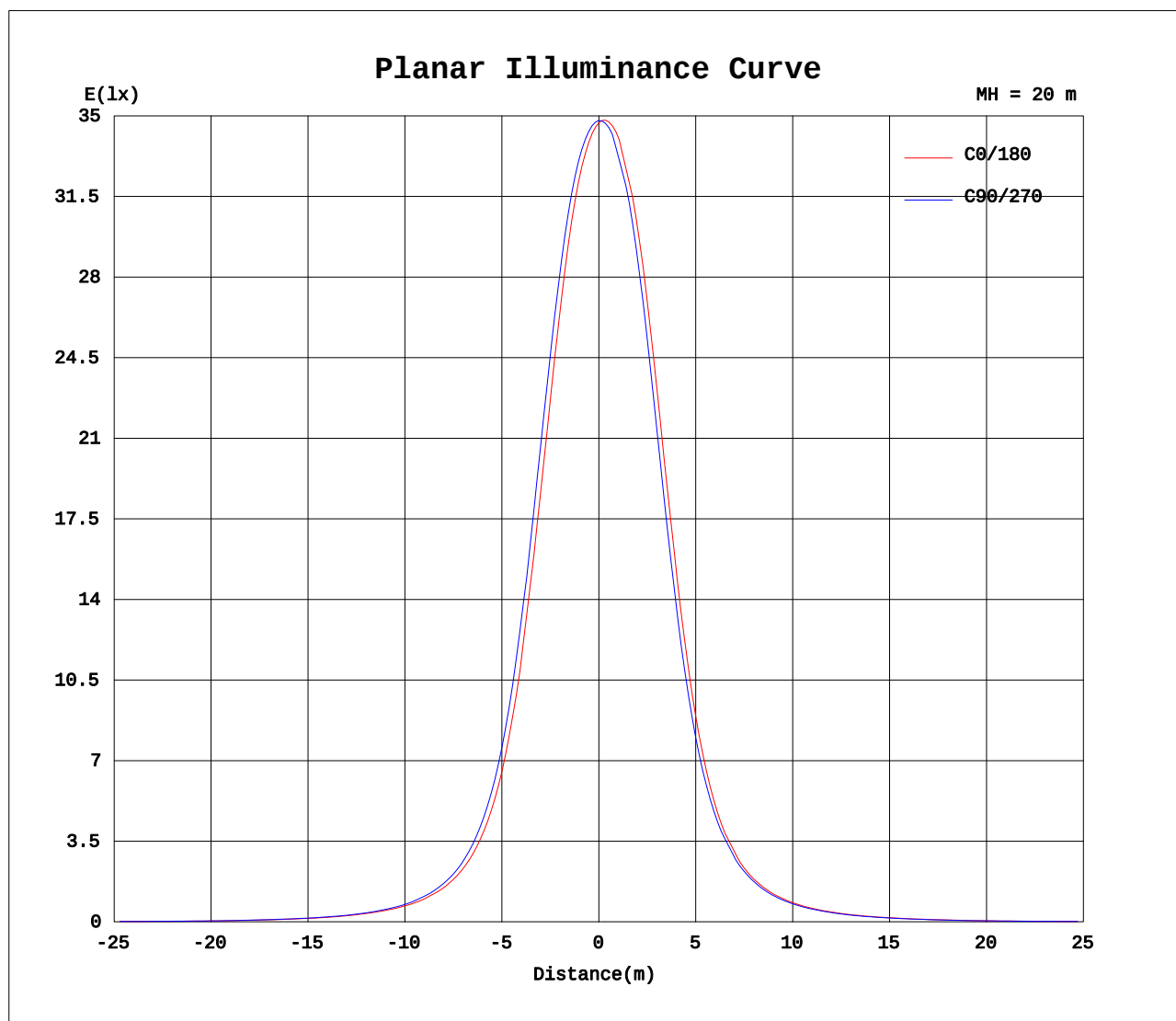
AvgL	cd/m2
L_0~180(65)av	3777
L_0~180(75)av	2823
L_0~180(85)av	1353
L_90~270(65)av	3835
L_90~270(75)av	2977
L_90~270(85)av	1604
L_45(65)av	3832
L_45(75)av	2930
L_45(85)av	1559

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 28DEG
 Operators: LGL
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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: LGL
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: VM090	TYPE:	WEIGHT:1
SPEC.:BR 3000K 28W 90CRI 15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: ×10cd

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	1391	1391	1391	1391	1391	1391	1391	1391	1391	1391	1391	1391	1391	1391	1391	1391			
5	1146	1153	1157	1188	1204	1238	1253	1279	1274	1271	1268	1241	1224	1187	1171	1143			
10	616	624	638	670	689	737	756	798	792	787	786	743	717	662	639	606			
15	238	247	249	269	275	299	304	328	326	323	330	305	292	261	252	233			
20	98.5	101	103	110	111	119	120	127	126	125	129	121	117	106	103	96.9			
25	47.6	48.7	49.1	51.9	53.0	55.4	56.2	58.1	57.9	58.5	59.1	56.9	54.4	51.0	49.3	47.0			
30	26.0	26.5	26.6	27.9	28.2	29.5	29.6	30.8	30.8	30.7	31.1	29.7	28.9	27.1	26.6	25.6			
35	14.9	15.1	15.1	15.8	16.0	16.7	16.8	17.4	17.3	17.1	17.3	16.6	16.3	15.5	15.2	14.6			
40	8.88	8.96	8.96	9.35	9.54	9.98	10.1	10.4	10.3	10.3	10.3	9.90	9.71	9.26	9.06	8.77			
45	5.15	5.16	5.16	5.30	5.38	5.59	5.66	5.86	5.82	5.77	5.78	5.60	5.50	5.30	5.24	5.12			
50	3.45	3.47	3.46	3.54	3.56	3.67	3.72	3.82	3.79	3.78	3.77	3.68	3.64	3.54	3.51	3.43			
55	2.91	2.92	2.92	2.94	2.95	2.98	2.98	3.01	3.01	3.00	3.01	2.98	2.97	2.94	2.93	2.91			
60	2.42	2.43	2.44	2.49	2.51	2.56	2.57	2.61	2.60	2.59	2.60	2.55	2.53	2.48	2.46	2.42			
65	1.83	1.85	1.87	1.92	1.95	2.00	2.02	2.05	2.03	2.02	2.04	1.99	1.97	1.91	1.89	1.83			
70	1.28	1.30	1.33	1.39	1.40	1.46	1.47	1.49	1.46	1.46	1.49	1.44	1.42	1.37	1.35	1.28			
75	0.80	0.82	0.85	0.90	0.92	0.97	0.97	0.98	0.96	0.95	0.98	0.95	0.94	0.89	0.86	0.80			
80	0.39	0.41	0.44	0.49	0.50	0.55	0.54	0.55	0.52	0.52	0.54	0.53	0.51	0.47	0.45	0.39			
85	0.11	0.12	0.13	0.16	0.17	0.19	0.20	0.20	0.17	0.17	0.19	0.18	0.17	0.14	0.13	0.11			
90	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.06	0.05	0.05	0.06	0.05	0.06	0.06			
95	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.06	0.07	0.07			
100	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.08	0.07	0.08	0.07	0.08	0.08	0.08	0.08			
105	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09			
110	0.11	0.11	0.11	0.11	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.11			
115	0.14	0.14	0.14	0.14	0.14	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.14			
120	0.20	0.20	0.20	0.20	0.19	0.19	0.18	0.18	0.18	0.18	0.18	0.19	0.19	0.20	0.20	0.21			
125	0.34	0.33	0.34	0.32	0.32	0.30	0.29	0.28	0.29	0.29	0.30	0.31	0.32	0.33	0.33	0.35			
130	0.64	0.63	0.64	0.60	0.59	0.55	0.53	0.51	0.54	0.55	0.55	0.58	0.59	0.63	0.64	0.67			
135	1.18	1.17	1.18	1.12	1.10	1.04	1.01	0.96	1.02	1.03	1.04	1.09	1.11	1.17	1.19	1.24			
140	1.91	1.90	1.90	1.84	1.81	1.73	1.70	1.65	1.71	1.73	1.73	1.79	1.82	1.89	1.91	1.97			
145	2.64	2.62	2.62	2.56	2.54	2.47	2.45	2.40	2.46	2.46	2.47	2.52	2.55	2.61	2.63	2.69			
150	3.17	3.16	3.15	3.11	3.10	3.06	3.04	3.01	3.05	3.06	3.06	3.09	3.11	3.15	3.17	3.20			
155	3.48	3.46	3.44	3.42	3.41	3.39	3.38	3.38	3.42	3.41	3.41	3.42	3.44	3.46	3.47	3.50			
160	3.57	3.54	3.49	3.48	3.48	3.47	3.49	3.52	3.58	3.56	3.55	3.54	3.56	3.56	3.56	3.59			
165	3.34	3.29	3.22	3.23	3.24	3.23	3.29	3.38	3.46	3.45	3.41	3.37	3.39	3.36	3.34	3.36			
170	2.71	2.66	2.62	2.68	2.67	2.70	2.72	2.84	2.91	2.91	2.87	2.86	2.86	2.83	2.77	2.74			
175	2.04	2.05	2.11	2.12	2.10	2.14	2.20	2.22	2.21	2.28	2.32	2.27	2.27	2.26	2.23	2.14			
180	1.91	1.91	2.00	1.97	1.97	1.97	1.99	1.94	1.91	1.91	2.00	1.97	1.97	1.97	1.99	1.94			

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

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γ Interval: 0.5DEG
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