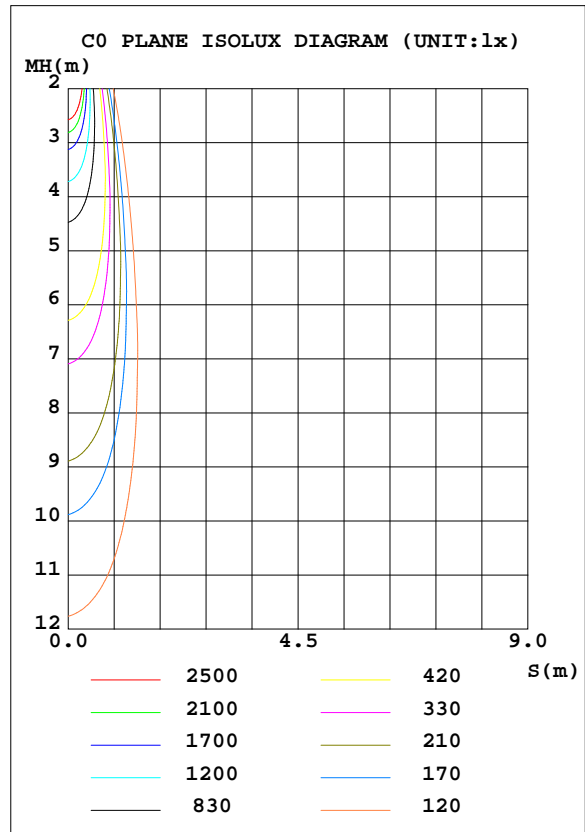
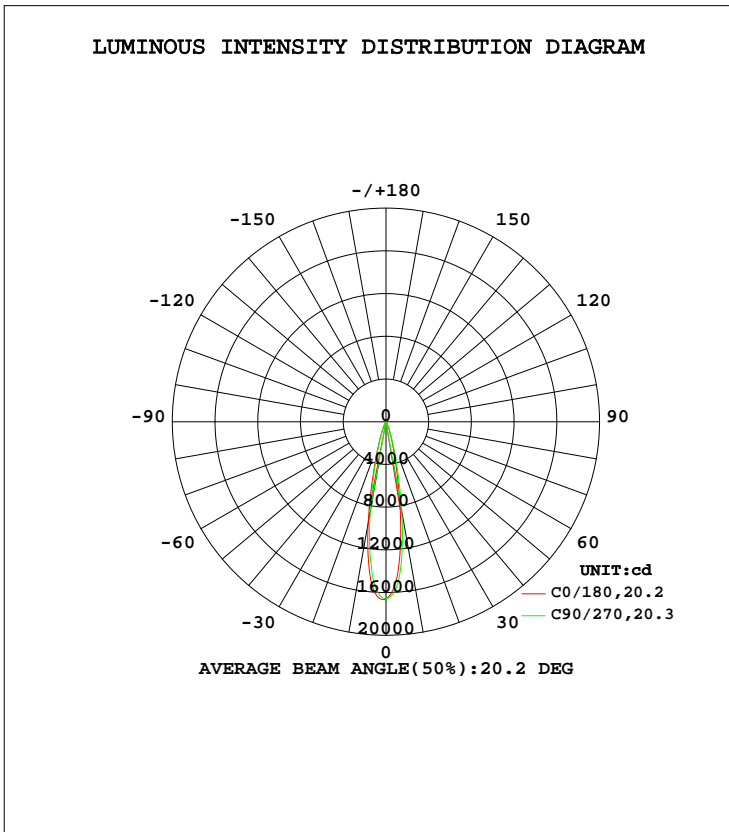


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: VM090	TYPE:	WEIGHT:1
SPEC.:BR 3000K 34W 90CRI 15D	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 80.06 lm/W			
MODEL		I _{max} (cd)	16673	S/MH(C0/180)	0.36
NOMINAL POWER(W)	34	LOR(%)	119.3	S/MH(C90/270)	0.34
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	2706.5	η UP, DN(C0-180)	1.5,57.9
NOMINAL FLUX(lm)	2268.71	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.5,58.4
LAMPS INSIDE	1	η up(%)	2.9	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	230	η down(%)	116.4	CIBSE SHR MAX	1.00



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 GO-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:5.190m [K=1.0000]
 Remarks:



ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

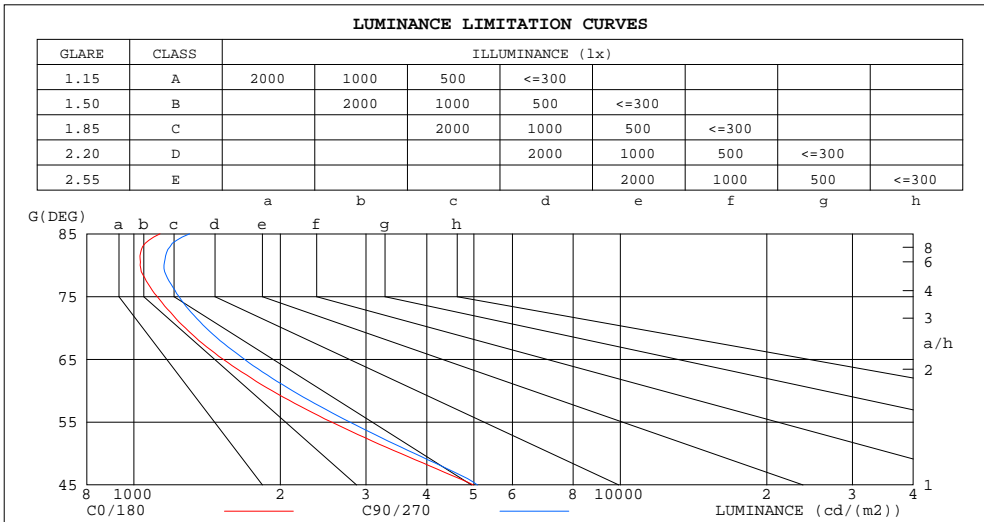
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	$\%lum, lamp$
10	733.5	765.5	846.1	933.6	958.5	939.5	847.6	750.2	0- 10	1182	1182	43.7,52.1
20	116.8	124.3	135.2	148.7	153.8	156.9	140.2	123.2	10- 20	1019	2201	81.3,97
30	23.85	25.96	26.91	30.79	30.15	31.47	27.03	26.24	20- 30	296.4	2497	92.3,110
40	5.723	5.794	6.057	6.764	6.840	6.829	6.202	5.855	30- 40	86.42	2584	95.5,114
50	2.407	2.219	2.572	2.516	2.775	2.494	2.583	2.198	40- 50	29.57	2613	96.6,115
60	1.019	0.9490	1.122	1.089	1.179	1.061	1.102	0.9481	50- 60	14.44	2628	97.1,116
70	0.4625	0.4393	0.5102	0.5029	0.5258	0.4822	0.4926	0.4337	60- 70	7.209	2635	97.4,116
80	0.1895	0.1857	0.2123	0.2174	0.2172	0.2007	0.1975	0.1740	70- 80	3.437	2639	97.5,116
90	0.0569	0.0562	0.0574	0.0604	0.0574	0.0516	0.0539	0.0520	80- 90	1.262	2640	97.5,116
100	0.0688	0.0675	0.0673	0.0646	0.0686	0.0679	0.0717	0.0706	90-100	0.6608	2640	97.6,116
110	0.0908	0.0904	0.0882	0.0847	0.0885	0.0891	0.0918	0.0939	100-110	0.8170	2641	97.6,116
120	0.1916	0.1910	0.1814	0.1667	0.1649	0.1702	0.1794	0.1910	110-120	1.212	2642	97.6,116
130	0.7132	0.7050	0.6534	0.5792	0.5935	0.6143	0.6728	0.7294	120-130	3.163	2646	97.8,117
140	2.245	2.214	2.092	1.965	1.995	2.028	2.150	2.269	130-140	10.01	2656	98.1,117
150	3.761	3.728	3.659	3.587	3.617	3.624	3.696	3.766	140-150	18.41	2674	98.8,118
160	4.262	4.159	4.153	4.156	4.256	4.236	4.242	4.238	150-160	18.61	2693	99.5,119
170	3.213	3.125	3.167	3.243	3.453	3.380	3.354	3.225	160-170	11.17	2704	99.9,119
180	2.235	2.334	2.301	2.317	2.237	2.336	2.302	2.318	170-180	2.675	2707	100,119
DEG	LUMINOUS INTENSITY: $\times 10cd$									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 GO-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 34W 90CRI 15D	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1132	1302
80	1030	1154
75	1117	1238
70	1276	1407
65	1526	1688
60	1923	2117
55	2550	2780
50	3536	3776
45	4987	5083

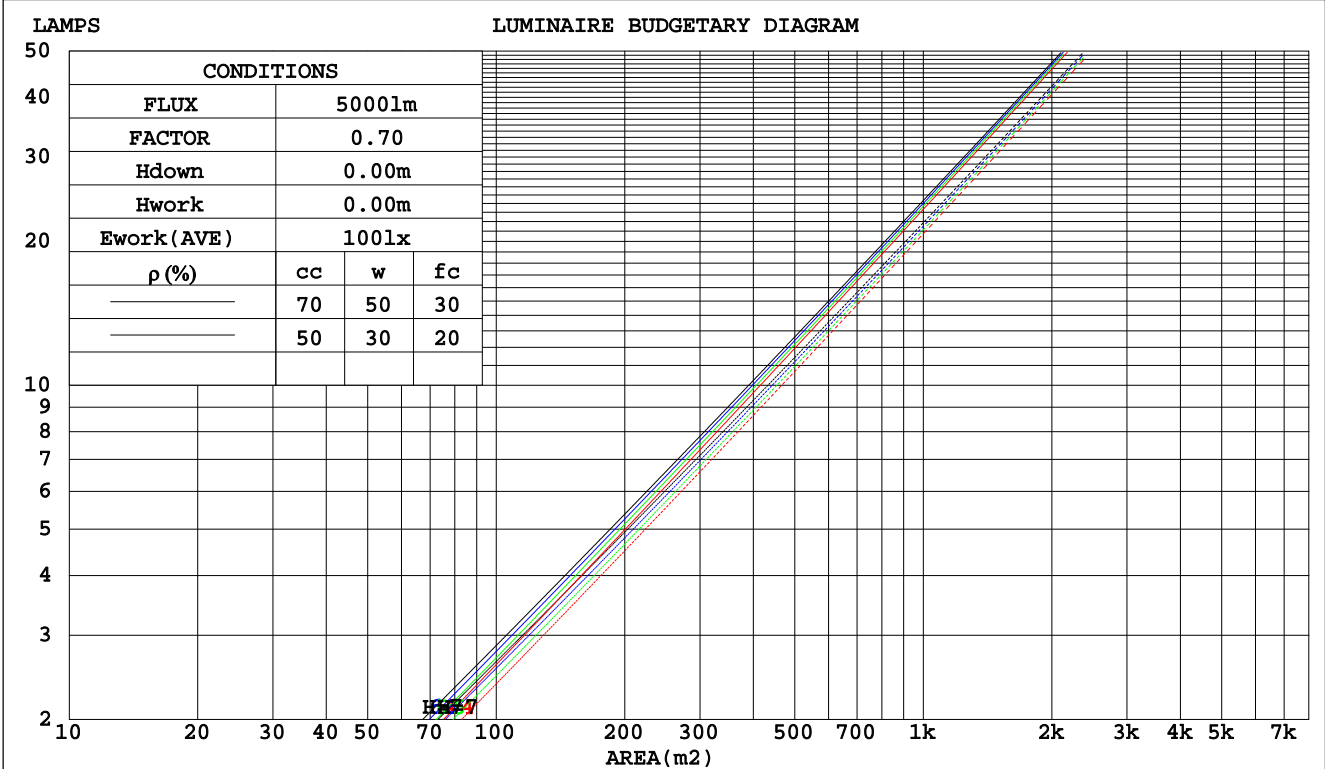
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 28DEG
 Operators: LGL
 Test Date: 2020-08-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-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 34W 90CRI 15D	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	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															
	Coefficients of Utilization(CU)															
0.0	1.41	1.41	1.41	1.38	1.38	1.38	1.31	1.31	1.31	1.25	1.25	1.25	1.19	1.19	1.19	1.16
1.0	1.34	1.32	1.30	1.31	1.29	1.27	1.26	1.24	1.23	1.21	1.20	1.19	1.17	1.16	1.15	1.13
2.0	1.28	1.24	1.22	1.26	1.23	1.20	1.22	1.19	1.17	1.18	1.16	1.14	1.14	1.13	1.11	1.09
3.0	1.23	1.19	1.15	1.21	1.17	1.14	1.18	1.15	1.12	1.15	1.12	1.10	1.12	1.10	1.08	1.06
4.0	1.18	1.14	1.10	1.17	1.13	1.09	1.14	1.11	1.08	1.12	1.09	1.06	1.09	1.07	1.05	1.03
5.0	1.14	1.09	1.06	1.13	1.09	1.05	1.11	1.07	1.04	1.09	1.06	1.03	1.07	1.04	1.02	1.01
6.0	1.11	1.06	1.02	1.10	1.05	1.02	1.08	1.04	1.01	1.06	1.03	1.00	1.04	1.02	.99	.98
7.0	1.07	1.03	.99	1.07	1.02	.99	1.05	1.01	.98	1.04	1.00	.98	1.02	.99	.97	.96
8.0	1.04	.00	.97	1.04	.99	.96	1.02	.99	.96	1.01	.98	.95	1.00	.97	.95	.94
9.0	1.02	.97	.94	1.01	.97	.94	1.00	.96	.93	.99	.96	.93	.98	.95	.93	.92
10.0	.99	.95	.92	.99	.95	.92	.98	.94	.91	.97	.93	.91	.96	.93	.91	.90



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 GO-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 34W 90CRI 15D	DIM.:	SERIAL No.:
MFR.: 1	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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.161	.092	.029	.152	.087	.028	.136	.078	.025	.121	.070	.022	.107	.062	.020	
2.0	.149	.081	.025	.141	.078	.024	.128	.071	.022	.115	.065	.020	.103	.058	.018	
3.0	.138	.073	.022	.132	.070	.021	.120	.065	.020	.109	.060	.018	.099	.055	.017	
4.0	.128	.067	.020	.123	.064	.019	.113	.060	.018	.104	.056	.017	.096	.052	.016	
5.0	.120	.061	.018	.116	.059	.017	.107	.056	.016	.099	.052	.016	.092	.049	.015	
6.0	.113	.057	.016	.109	.055	.016	.102	.052	.015	.095	.049	.015	.089	.047	.014	
7.0	.107	.053	.015	.104	.052	.015	.097	.049	.014	.091	.047	.014	.085	.044	.013	
8.0	.102	.050	.014	.099	.049	.014	.093	.046	.013	.088	.044	.013	.082	.042	.012	
9.0	.097	.047	.013	.094	.046	.013	.089	.044	.012	.084	.042	.012	.080	.040	.012	
10.0	.092	.044	.012	.090	.043	.012	.085	.042	.012	.081	.040	.011	.077	.039	.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	.250	.250	.250	.213	.213	.213	.146	.146	.146	.084	.084	.084	.027	.027	.027	
1.0	.223	.211	.199	.191	.181	.172	.131	.124	.119	.075	.072	.069	.024	.023	.022	
2.0	.202	.181	.164	.173	.156	.142	.118	.108	.099	.068	.063	.058	.022	.020	.019	
3.0	.184	.158	.138	.157	.136	.119	.108	.095	.084	.062	.055	.049	.020	.018	.016	
4.0	.168	.140	.118	.145	.121	.102	.099	.084	.072	.058	.049	.043	.019	.016	.014	
5.0	.156	.125	.102	.134	.108	.089	.092	.076	.063	.053	.044	.037	.017	.014	.012	
6.0	.145	.113	.090	.125	.098	.079	.086	.069	.056	.050	.040	.033	.016	.013	.011	
7.0	.136	.103	.081	.117	.089	.070	.081	.063	.050	.047	.037	.030	.015	.012	.010	
8.0	.128	.095	.073	.110	.082	.063	.076	.058	.045	.044	.034	.027	.014	.011	.009	
9.0	.121	.088	.066	.104	.077	.058	.072	.054	.041	.042	.032	.025	.014	.010	.008	
10.0	.115	.083	.061	.099	.072	.053	.069	.050	.038	.040	.030	.023	.013	.010	.008	

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 GO-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 34W 90CRI 15D		DIM.:					SERIAL No.:				
MFR.: 1		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	4.3	4.9	4.5	5.1	5.3	5.0	5.6	5.2	5.8	6.0	
3H	4.5	5.1	4.8	5.3	5.5	5.1	5.7	5.4	5.9	6.1	
4H	4.6	5.1	4.9	5.4	5.6	5.2	5.7	5.5	5.9	6.2	
6H	4.6	5.1	4.9	5.4	5.7	5.2	5.7	5.5	6.0	6.3	
8H	4.6	5.1	5.0	5.4	5.7	5.2	5.7	5.5	6.0	6.3	
12H	4.6	5.1	5.0	5.4	5.7	5.2	5.7	5.5	6.0	6.3	
4H 2H	4.3	4.8	4.6	5.1	5.3	4.9	5.5	5.2	5.7	6.0	
3H	4.6	5.0	4.9	5.3	5.7	5.1	5.6	5.4	5.9	6.2	
4H	4.7	5.1	5.1	5.5	5.8	5.2	5.6	5.6	5.9	6.3	
6H	4.8	5.2	5.2	5.6	5.9	5.3	5.6	5.7	6.0	6.4	
8H	4.8	5.2	5.3	5.6	6.0	5.3	5.7	5.7	6.0	6.5	
12H	4.9	5.2	5.3	5.6	6.0	5.3	5.7	5.8	6.1	6.5	
8H 4H	4.6	5.0	5.1	5.4	5.8	5.1	5.5	5.5	5.9	6.3	
6H	4.8	5.1	5.3	5.5	6.0	5.2	5.5	5.7	6.0	6.4	
8H	4.9	5.1	5.4	5.6	6.1	5.3	5.6	5.8	6.0	6.5	
12H	5.0	5.2	5.5	5.7	6.2	5.4	5.6	5.9	6.1	6.6	
12H 4H	4.6	4.9	5.0	5.3	5.8	5.1	5.4	5.5	5.8	6.2	
6H	4.8	5.0	5.3	5.5	6.0	5.2	5.5	5.7	5.9	6.4	
8H	4.9	5.1	5.4	5.6	6.1	5.3	5.5	5.8	6.0	6.5	
Variations with the observer position at spacings:											
S = 1.0H	+ 1.3 / - 1.8					+ 1.7 / - 2.3					
1.5H	+ 2.2 / - 1.3					+ 3.0 / - 2.1					
2.0H	+ 2.3 / - 1.6					+ 2.9 / - 1.6					

CIE Pub.117, 2269 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.8)

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 GO-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 34W 90CRI 15D	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:

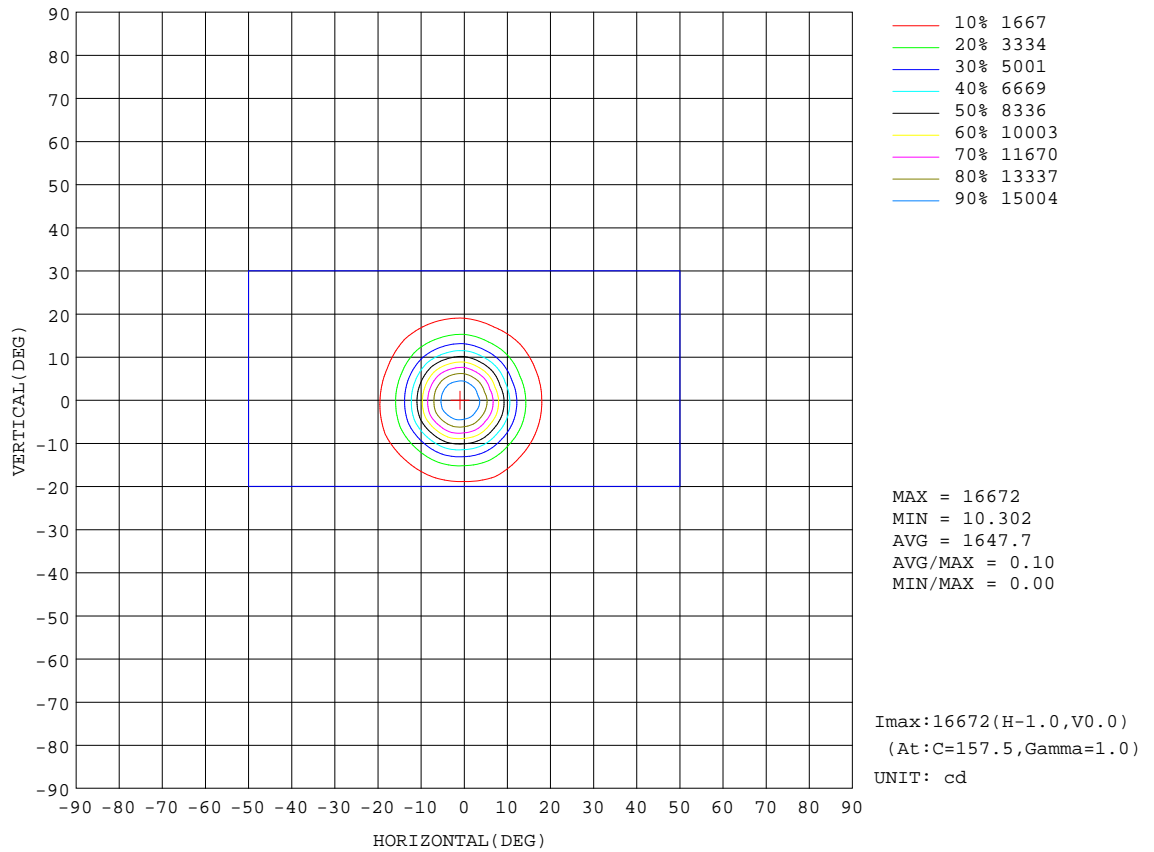
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	106	99	95	105	99	94	104	98	94	90
0.80	114	108	104	113	107	103	112	106	103	99
1.00	119	113	109	118	112	108	116	112	107	103
1.25	123	118	114	122	117	113	119	115	112	107
1.50	127	121	117	125	120	117	122	118	115	109
2.00	129	125	121	127	123	120	124	120	118	111
2.50	131	127	124	129	125	122	125	122	120	112
3.00	133	129	126	131	127	125	126	124	121	113
4.00	135	132	130	133	130	128	128	126	124	115
5.00	137	134	132	134	132	130	129	127	126	116
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 GO-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 34W 90CRI 15D	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:

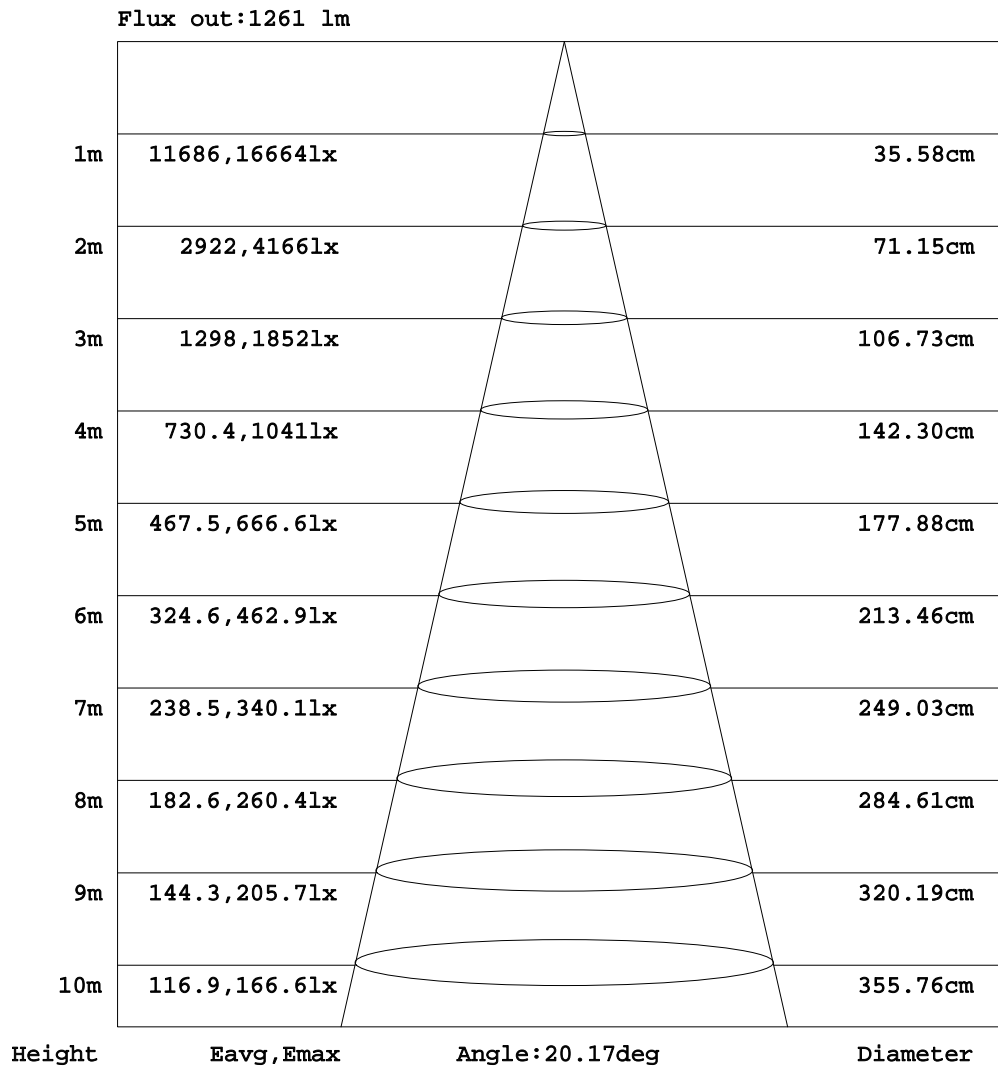


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:LGL
 Test Date:2020-08-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-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 34W 90CRI 15D	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:



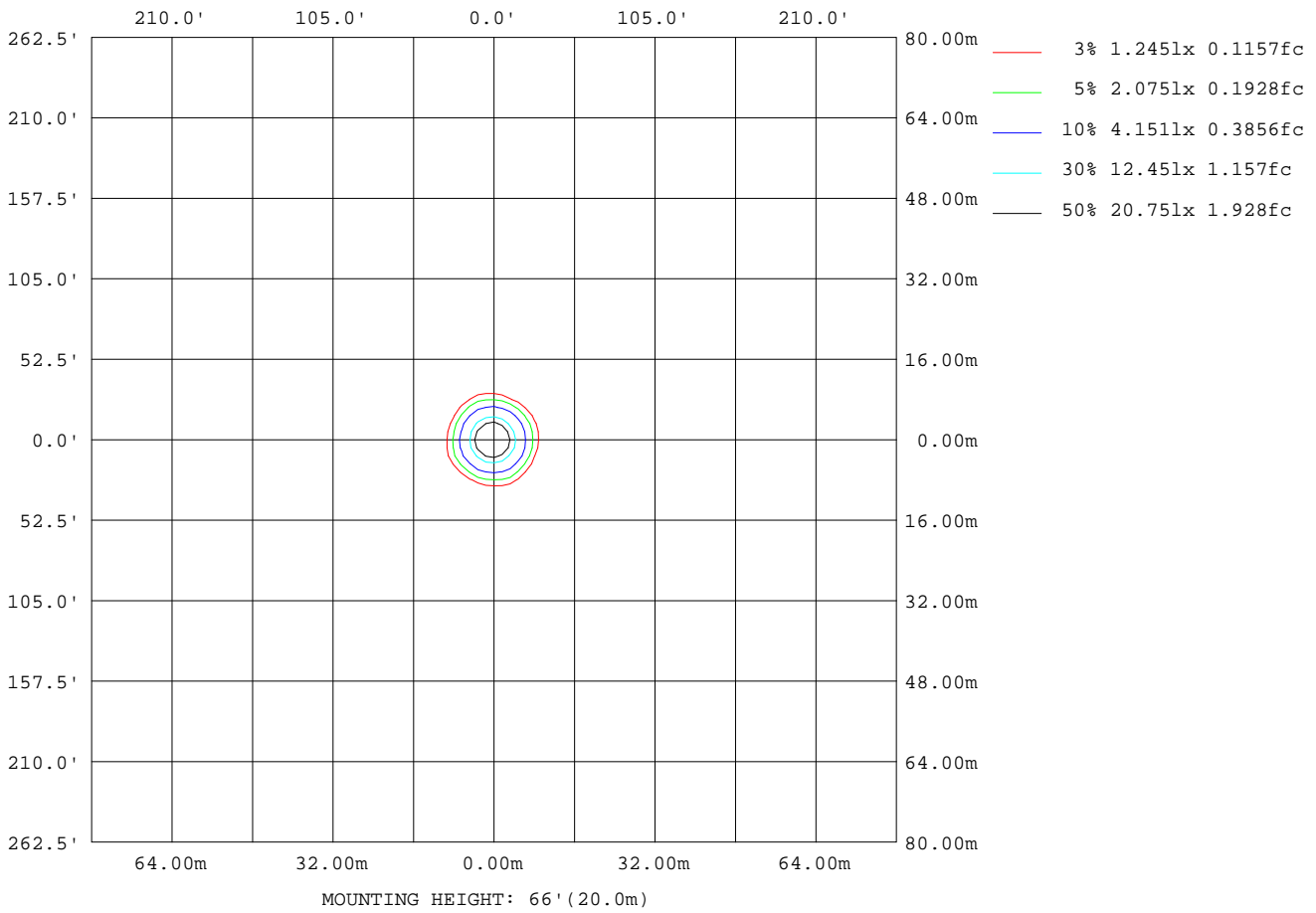
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 GO-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 34W 90CRI 15D	DIM.:	SERIAL No.:
MFR.: 1	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 GO-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 34W 90CRI 15D	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:

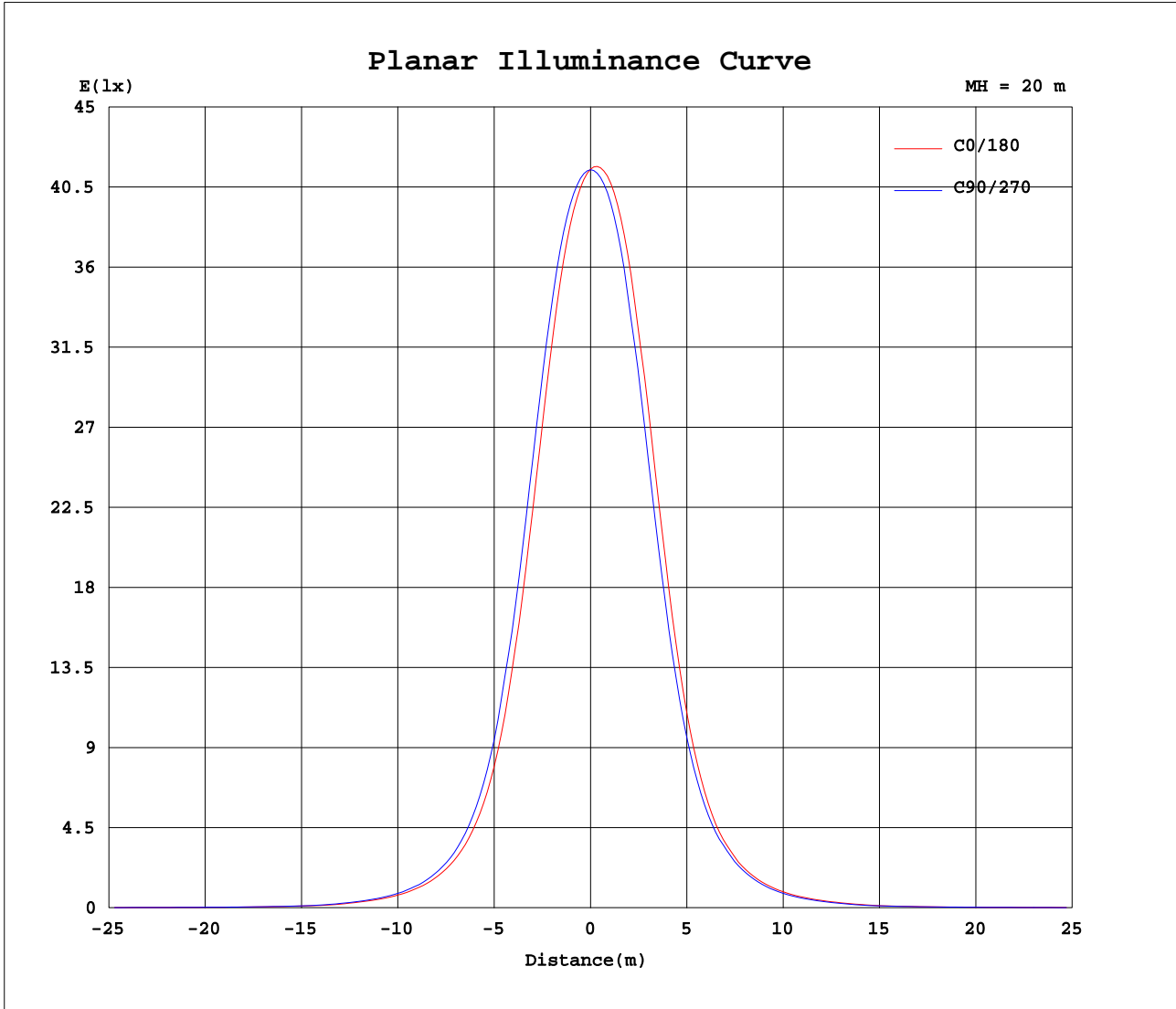
AvgL	cd/m2
L_0~180(65)av	1638
L_0~180(75)av	1187
L_0~180(85)av	1226
L_90~270(65)av	1665
L_90~270(75)av	1205
L_90~270(85)av	1227
L_45(65)av	1528
L_45(75)av	1128
L_45(85)av	1178

Standard: GB/T 29293-2012

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 GO-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 GO-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 34W 90CRI 15D	DIM.:	SERIAL No.:
MFR.: 1	SUR.:	Shielding Angle:

Table--1

UNIT: x10cd

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	1658	1658	1658	1658	1658	1658	1658	1658	1658	1658	1658	1658	1658	1658	1658	1658			
5	1366	1374	1388	1428	1449	1493	1513	1544	1528	1519	1511	1473	1451	1404	1378	1347			
10	734	755	765	820	846	909	934	984	958	946	940	879	848	780	750	709			
15	289	300	309	338	345	374	384	413	398	388	398	365	349	308	301	281			
20	117	119	124	143	135	144	149	165	154	145	157	149	140	123	123	120			
25	51.5	49.0	55.6	64.8	59.0	58.5	64.2	74.0	64.4	60.3	66.2	68.5	58.7	51.3	54.7	57.2			
30	23.9	21.9	26.0	31.2	26.9	26.1	30.8	35.9	30.1	26.9	31.5	32.8	27.0	22.8	26.2	27.7			
35	10.0	9.32	11.3	15.3	11.4	10.2	14.3	17.9	13.8	10.7	14.7	16.2	11.4	9.54	11.6	13.4			
40	5.72	5.56	5.79	6.20	6.06	6.00	6.76	8.02	6.84	6.33	6.83	6.86	6.20	5.67	5.86	5.64			
45	3.74	3.92	3.43	2.92	3.81	4.23	3.77	3.54	4.11	4.35	3.80	3.17	3.91	3.99	3.40	2.63			
50	2.41	2.62	2.22	1.78	2.57	2.91	2.52	1.98	2.78	2.94	2.49	1.84	2.58	2.67	2.20	1.66			
55	1.55	1.73	1.43	1.22	1.69	1.96	1.64	1.35	1.79	1.96	1.61	1.25	1.67	1.78	1.42	1.13			
60	1.02	1.14	0.95	0.85	1.12	1.32	1.09	0.93	1.18	1.30	1.06	0.86	1.10	1.18	0.95	0.78			
65	0.68	0.77	0.64	0.59	0.76	0.88	0.74	0.65	0.79	0.86	0.72	0.60	0.74	0.79	0.64	0.54			
70	0.46	0.51	0.44	0.41	0.51	0.59	0.50	0.46	0.53	0.57	0.48	0.42	0.49	0.52	0.43	0.38			
75	0.31	0.33	0.29	0.28	0.34	0.39	0.34	0.32	0.35	0.37	0.32	0.28	0.32	0.33	0.29	0.25			
80	0.19	0.20	0.19	0.18	0.21	0.24	0.22	0.21	0.22	0.22	0.20	0.18	0.20	0.20	0.17	0.16			
85	0.10	0.11	0.10	0.11	0.12	0.13	0.13	0.12	0.12	0.12	0.11	0.10	0.11	0.10	0.09	0.09			
90	0.06	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	0.05	0.05			
95	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06			
100	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07			
105	0.08	0.08	0.08	0.08	0.07	0.08	0.07	0.07	0.08	0.07	0.08	0.08	0.08	0.08	0.08	0.08			
110	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.10			
115	0.12	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.13			
120	0.19	0.19	0.19	0.18	0.18	0.17	0.17	0.16	0.16	0.17	0.17	0.18	0.18	0.19	0.19	0.20			
125	0.35	0.35	0.35	0.33	0.33	0.30	0.29	0.28	0.30	0.30	0.31	0.32	0.33	0.35	0.36	0.38			
130	0.71	0.71	0.71	0.66	0.65	0.60	0.58	0.54	0.59	0.61	0.61	0.65	0.67	0.72	0.73	0.77			
135	1.37	1.36	1.35	1.28	1.25	1.18	1.14	1.08	1.17	1.21	1.20	1.27	1.30	1.38	1.40	1.46			
140	2.24	2.22	2.21	2.13	2.09	2.01	1.97	1.89	1.99	2.04	2.03	2.11	2.15	2.25	2.27	2.34			
145	3.11	3.09	3.08	3.00	2.99	2.90	2.86	2.80	2.89	2.92	2.91	2.98	3.02	3.10	3.13	3.19			
150	3.76	3.74	3.73	3.67	3.66	3.61	3.59	3.55	3.62	3.62	3.62	3.67	3.70	3.75	3.77	3.81			
155	4.14	4.12	4.09	4.06	4.05	4.03	4.02	4.01	4.06	4.06	4.06	4.07	4.10	4.13	4.14	4.17			
160	4.26	4.22	4.16	4.14	4.15	4.14	4.16	4.19	4.26	4.25	4.24	4.21	4.24	4.25	4.24	4.27			
165	3.99	3.93	3.84	3.86	3.86	3.87	3.93	4.04	4.12	4.10	4.06	3.99	4.02	3.98	3.95	3.96			
170	3.21	3.16	3.12	3.19	3.17	3.20	3.24	3.39	3.45	3.42	3.38	3.37	3.35	3.30	3.23	3.20			
175	2.41	2.43	2.50	2.50	2.49	2.54	2.60	2.63	2.60	2.66	2.70	2.64	2.62	2.61	2.57	2.47			
180	2.24	2.25	2.33	2.30	2.30	2.31	2.32	2.25	2.24	2.25	2.34	2.30	2.30	2.31	2.32	2.25			

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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