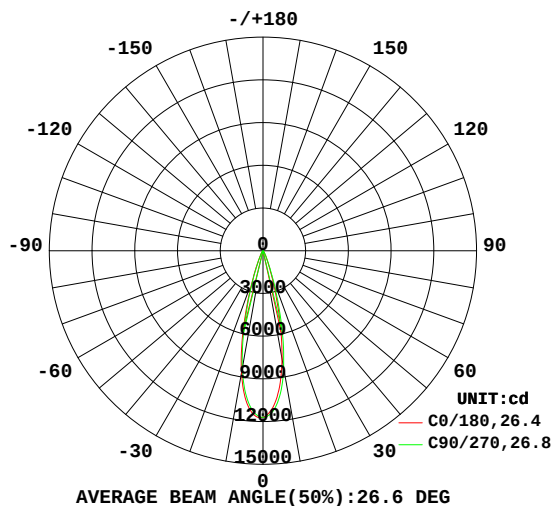


LUMINAIRE PHOTOMETRIC TEST REPORT

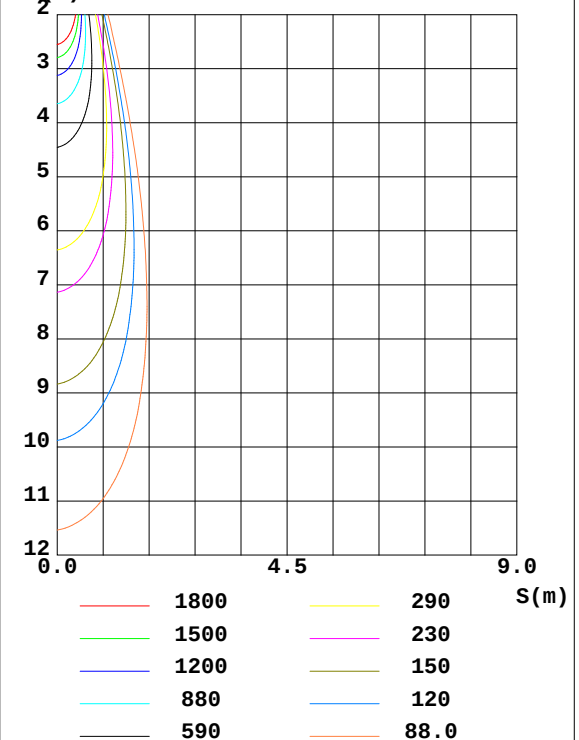
NAME: VM090	TYPE:	WEIGHT:1
SPEC.:BR 3000K 34W 90CRI 24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 84.94 lm/W			
MODEL		Imax(cd)	11730	S/MH(C0/180)	0.45
NOMINAL POWER(W)	34	LOR(%)	102.1	S/MH(C90/270)	0.44
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	2865.8	η UP, DN(C0-180)	1.2, 49.7
NOMINAL FLUX(lm)	2807.91	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.3, 49.8
LAMPS INSIDE	1	η up(%)	2.5	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	230	η down(%)	99.6	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:

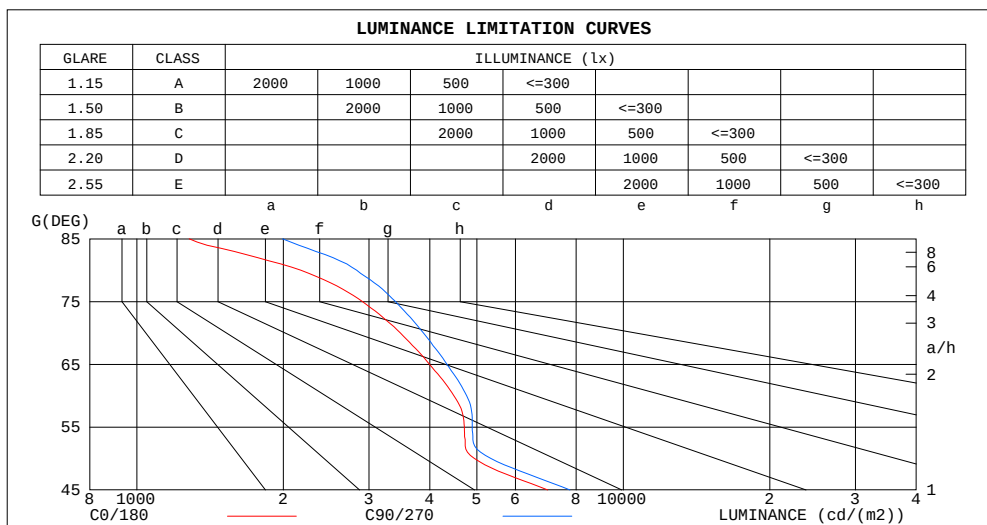
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	771.3	795.1	835.8	862.5	871.9	859.4	834.9	800.9	0- 10	954.8	954.8	33.3,34
20	156.7	171.1	187.1	193.0	203.4	202.1	187.9	170.6	10- 20	1250	2205	76.9,78.5
30	29.36	31.47	32.68	33.02	34.38	34.85	31.89	29.74	20- 30	359.5	2564	89.5,91.3
40	9.652	10.16	10.87	11.09	11.28	11.09	10.38	9.674	30- 40	115.3	2680	93.5,95.4
50	3.829	3.962	4.142	4.286	4.312	4.212	3.989	3.842	40- 50	51.21	2731	95.3,97.3
60	2.703	2.788	2.873	2.919	2.911	2.862	2.782	2.719	50- 60	30.02	2761	96.3,98.3
70	1.436	1.535	1.602	1.623	1.591	1.591	1.531	1.463	60- 70	21.43	2782	97.1,99.1
80	0.4550	0.5399	0.5932	0.5917	0.5657	0.5835	0.5452	0.4804	70- 80	10.75	2793	97.5,99.5
90	0.0724	0.0719	0.0722	0.0719	0.0660	0.0649	0.0678	0.0662	80- 90	2.454	2795	97.5,99.6
100	0.0900	0.0884	0.0879	0.0851	0.0870	0.0876	0.0912	0.0903	90-100	0.8453	2796	97.6,99.6
110	0.1237	0.1226	0.1203	0.1159	0.1190	0.1210	0.1255	0.1250	100-110	1.089	2797	97.6,99.6
120	0.2466	0.2448	0.2362	0.2214	0.2191	0.2299	0.2434	0.2452	110-120	1.617	2799	97.7,99.7
130	0.8609	0.8464	0.8166	0.7633	0.7528	0.7867	0.8356	0.8634	120-130	4.076	2803	97.8,99.8
140	2.275	2.238	2.166	2.090	2.086	2.130	2.204	2.264	130-140	11.05	2814	98.2,100
150	3.771	3.721	3.678	3.627	3.634	3.652	3.710	3.757	140-150	18.46	2833	98.8,101
160	4.344	4.241	4.210	4.233	4.335	4.321	4.318	4.314	150-160	18.91	2851	99.5,102
170	3.426	3.350	3.360	3.398	3.574	3.534	3.513	3.462	160-170	11.41	2863	99.9,102
180	2.637	2.738	2.686	2.709	2.639	2.739	2.690	2.709	170-180	2.940	2866	100,102
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 34W 90CRI 24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1281	1993
80	2173	2831
75	2908	3401
70	3481	3883
65	3995	4339
60	4484	4763
55	4713	4892
50	4940	5340
45	6990	7765

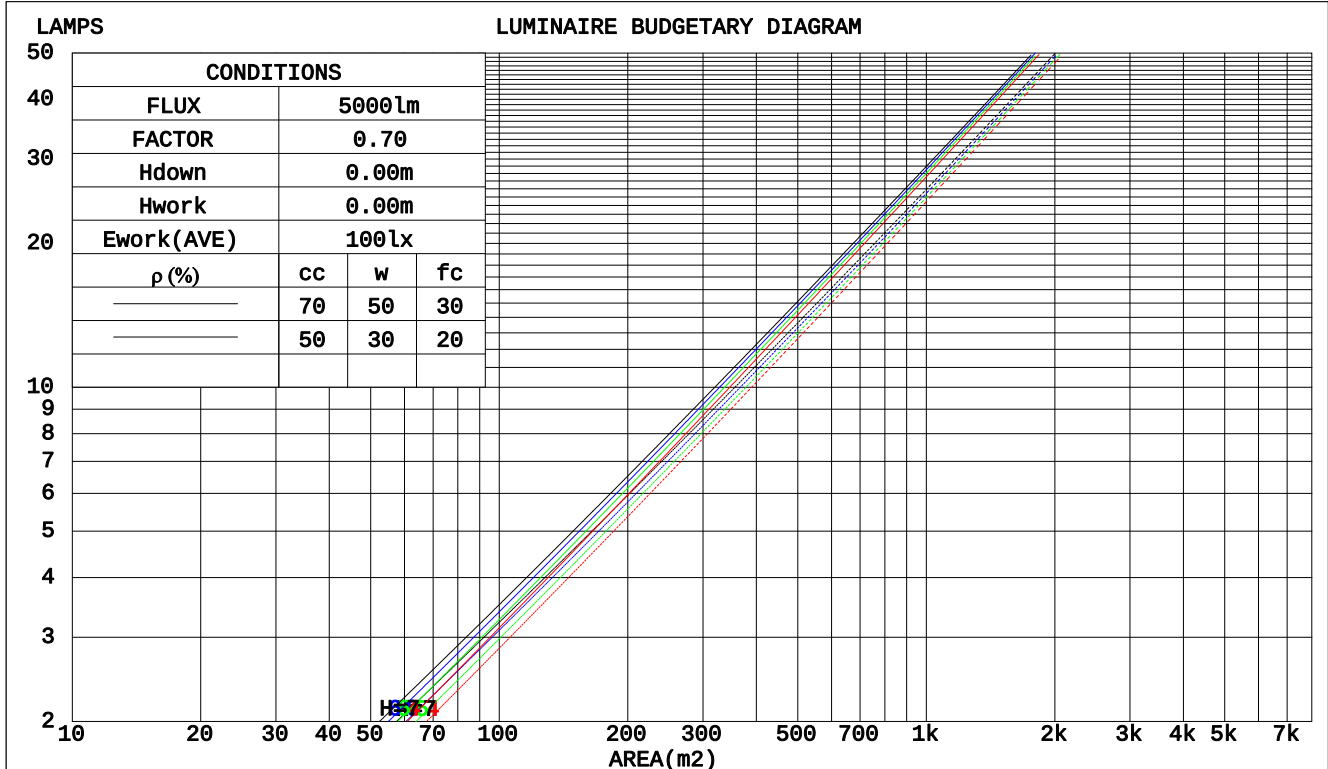
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 28DEG
 Operators: LGL
 Test Date: 2020-08-26

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 34W 90CRI 24D	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	1.21	1.21	1.21	1.18	1.18	1.18	1.12	1.12	1.12	1.07	1.07	1.07	1.02	1.02	1.02	.00
1.0	1.14	1.12	1.10	1.12	1.10	1.08	1.07	1.06	1.04	1.03	1.02	1.01	.99	.98	.98	.96
2.0	1.08	1.05	1.02	1.06	1.03	1.01	1.03	1.00	.98	.99	.98	.96	.96	.95	.94	.92
3.0	1.03	.99	.96	1.02	.98	.95	.99	.96	.93	.96	.94	.92	.94	.92	.90	.89
4.0	.99	.94	.91	.98	.94	.91	.95	.92	.89	.93	.90	.88	.91	.89	.87	.85
5.0	.95	.90	.87	.94	.90	.87	.92	.88	.86	.90	.87	.85	.88	.86	.84	.83
6.0	.91	.87	.84	.91	.86	.83	.89	.85	.83	.87	.84	.82	.86	.83	.81	.80
7.0	.88	.84	.81	.88	.83	.80	.86	.82	.80	.85	.82	.79	.84	.81	.79	.78
8.0	.85	.81	.78	.85	.81	.78	.84	.80	.77	.83	.79	.77	.82	.79	.76	.75
9.0	.83	.78	.76	.82	.78	.75	.81	.78	.75	.80	.77	.75	.79	.76	.74	.73
10.0	.80	.76	.73	.80	.76	.73	.79	.75	.73	.78	.75	.73	.77	.74	.72	.71



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:

WEC AND CCEC

NAME: VM090	TYPE:	WEIGHT:1
SPEC.:BR 3000K 34W 90CRI 24D	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	.150	.085	.027	.142	.081	.026	.128	.074	.024	.115	.067	.021	.103	.060	.019		
2.0	.139	.076	.023	.133	.073	.023	.121	.067	.021	.110	.062	.019	.100	.057	.018		
3.0	.129	.069	.021	.124	.066	.020	.114	.062	.019	.105	.057	.018	.096	.053	.016		
4.0	.121	.063	.018	.116	.061	.018	.108	.057	.017	.100	.054	.016	.092	.050	.015		
5.0	.114	.058	.017	.110	.056	.016	.102	.053	.016	.095	.050	.015	.089	.048	.014		
6.0	.107	.054	.015	.104	.052	.015	.097	.050	.015	.091	.047	.014	.086	.045	.013		
7.0	.102	.050	.014	.099	.049	.014	.093	.047	.014	.087	.045	.013	.082	.043	.013		
8.0	.097	.047	.013	.094	.046	.013	.089	.044	.013	.084	.043	.012	.079	.041	.012		
9.0	.092	.045	.012	.090	.044	.012	.085	.042	.012	.081	.041	.012	.077	.039	.011		
10.0	.088	.042	.012	.086	.041	.012	.082	.040	.011	.078	.039	.011	.074	.037	.011		

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	.214	.214	.214	.182	.182	.182	.125	.125	.125	.072	.072	.072	.023	.023	.023	
1.0	.192	.180	.170	.164	.155	.146	.112	.106	.101	.065	.062	.059	.021	.020	.019	
2.0	.174	.155	.139	.149	.133	.120	.102	.092	.084	.059	.054	.049	.019	.017	.016	
3.0	.159	.135	.116	.137	.117	.101	.094	.081	.071	.054	.047	.042	.017	.015	.014	
4.0	.147	.120	.099	.126	.103	.086	.087	.072	.061	.050	.042	.036	.016	.014	.012	
5.0	.136	.107	.086	.117	.093	.075	.081	.065	.053	.047	.038	.031	.015	.012	.010	
6.0	.127	.097	.076	.109	.084	.066	.076	.059	.047	.044	.035	.028	.014	.011	.009	
7.0	.120	.089	.067	.103	.077	.059	.071	.054	.042	.041	.032	.025	.013	.010	.008	
8.0	.113	.082	.061	.097	.071	.053	.067	.050	.038	.039	.030	.022	.013	.010	.007	
9.0	.107	.076	.056	.092	.066	.049	.064	.047	.034	.037	.028	.021	.012	.009	.007	
10.0	.102	.072	.051	.088	.062	.045	.061	.044	.032	.036	.026	.019	.012	.009	.006	

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 34W 90CRI 24D						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		7.0	7.6	7.2	7.8	8.0	7.3	8.0	7.6	8.2	8.4
3H		7.7	8.3	8.0	8.6	8.8	8.1	8.8	8.4	9.0	9.2
4H		8.0	8.6	8.3	8.8	9.1	8.4	9.0	8.7	9.3	9.5
6H		8.1	8.7	8.4	9.0	9.2	8.6	9.2	8.9	9.5	9.8
8H		8.1	8.7	8.5	9.0	9.3	8.7	9.2	9.0	9.5	9.8
12H		8.1	8.6	8.4	8.9	9.2	8.7	9.2	9.0	9.5	9.8
4H 2H		7.3	7.9	7.6	8.1	8.4	7.6	8.2	7.9	8.5	8.7
3H		8.2	8.7	8.5	9.0	9.3	8.6	9.1	8.9	9.4	9.7
4H		8.5	9.0	8.9	9.4	9.7	9.0	9.4	9.3	9.8	10.1
6H		8.7	9.2	9.2	9.5	9.9	9.2	9.7	9.7	10.0	10.4
8H		8.8	9.2	9.2	9.6	10.0	9.3	9.7	9.7	10.1	10.5
12H		8.8	9.1	9.2	9.5	10.0	9.3	9.7	9.8	10.1	10.5
8H 4H		8.7	9.1	9.1	9.4	9.9	9.0	9.4	9.5	9.8	10.2
6H		8.9	9.3	9.4	9.7	10.2	9.4	9.7	9.9	10.2	10.6
8H		9.0	9.3	9.5	9.7	10.2	9.5	9.8	10.0	10.3	10.8
12H		9.0	9.2	9.5	9.7	10.2	9.6	9.8	10.1	10.3	10.8
12H 4H		8.6	9.0	9.1	9.4	9.8	9.0	9.4	9.4	9.8	10.2
6H		8.9	9.2	9.4	9.7	10.2	9.4	9.7	9.9	10.1	10.6
8H		9.0	9.2	9.5	9.7	10.2	9.5	9.8	10.0	10.2	10.8
Variations with the observer position at spacings:											
S = 1.0H		+ 0.7 / - 0.9					+ 0.7 / - 0.9				
1.5H		+ 1.3 / - 0.9					+ 1.5 / - 0.8				
2.0H		+ 0.8 / - 0.4					+ 0.9 / - 0.5				

CIE Pub.117, 2808 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 3.6$)

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 34W 90CRI 24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

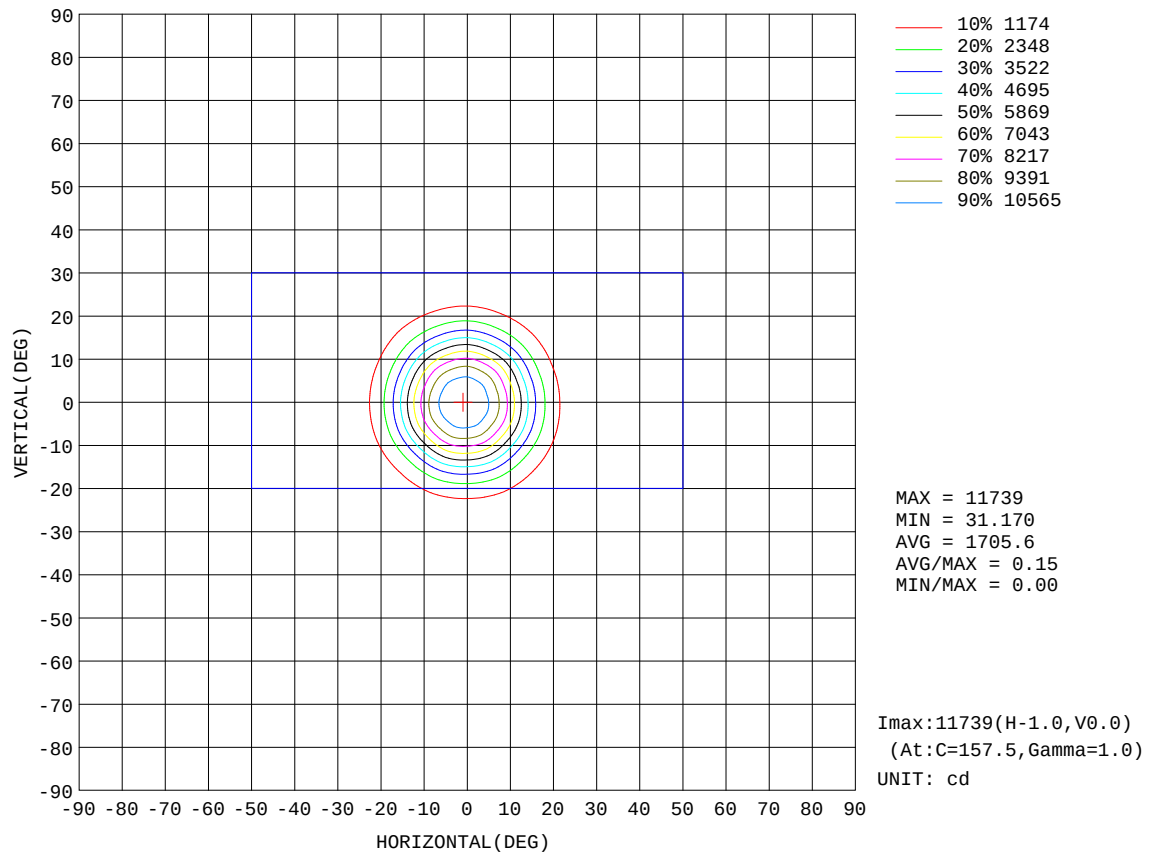
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	89	83	79	88	82	79	75
0.80	97	91	87	96	90	87	95	90	86	83
1.00	101	95	92	100	95	91	98	94	91	86
1.25	105	100	96	104	99	96	101	97	95	90
1.50	108	103	99	106	102	99	104	100	97	92
2.00	110	106	103	109	105	102	105	102	100	94
2.50	112	108	105	110	107	104	106	104	102	95
3.00	113	110	107	111	108	106	108	105	103	96
4.00	116	113	110	113	111	109	109	107	106	98
5.00	117	115	113	114	112	111	110	109	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: 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 34W 90CRI 24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

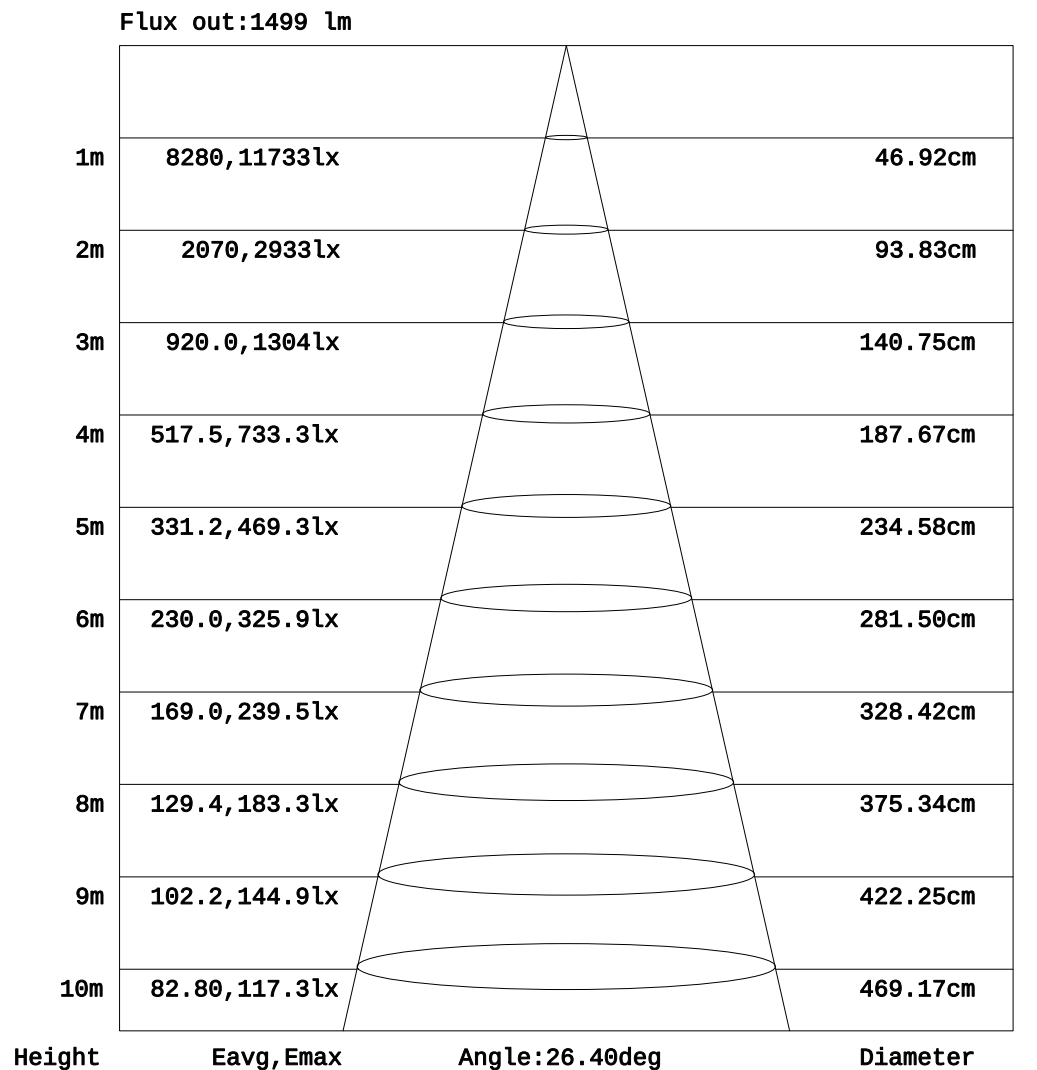


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:LGL
 Test Date:2020-08-26

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 34W 90CRI 24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



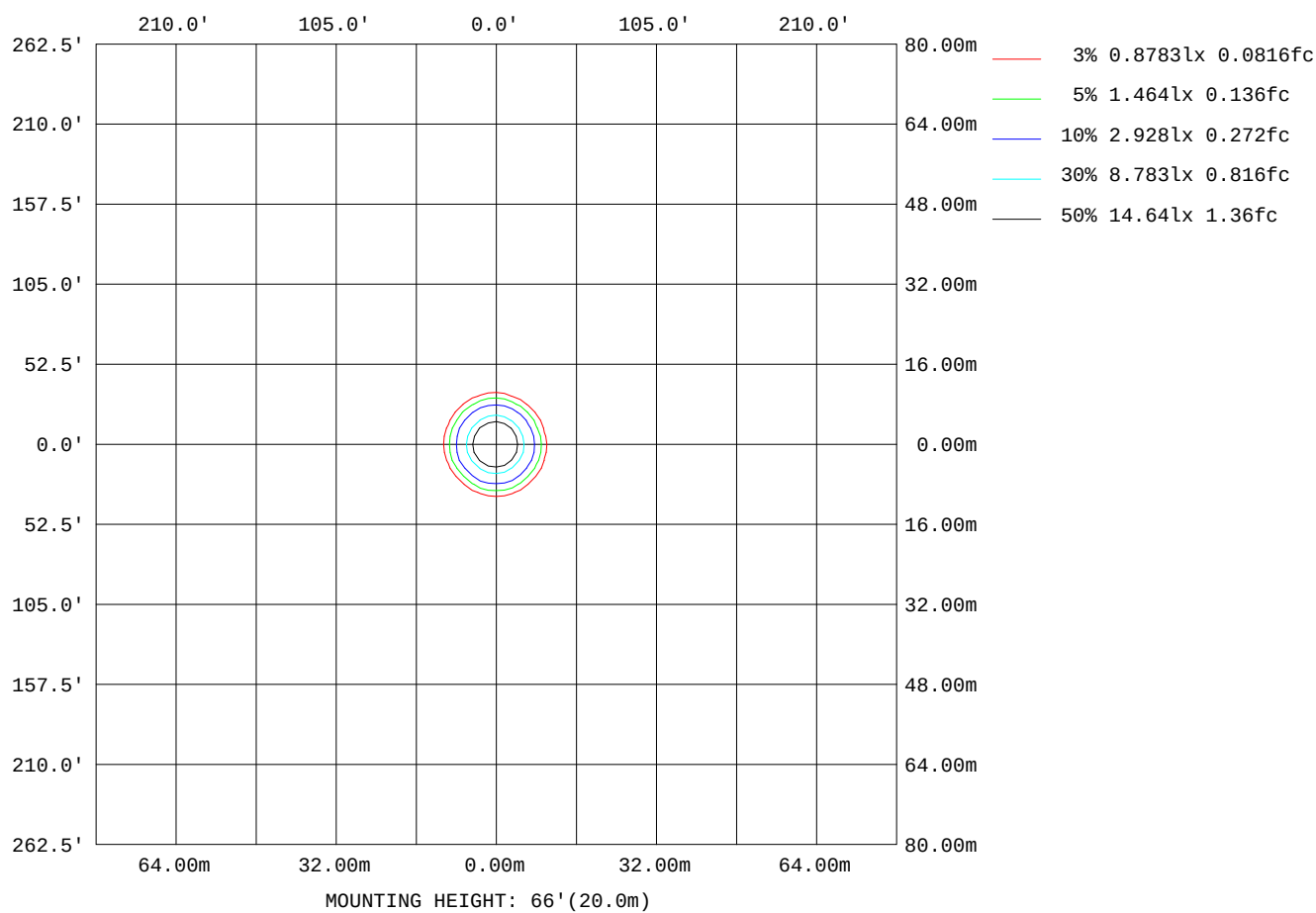
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 34W 90CRI 24D	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:

LED Avg.L Report

NAME: VM090	TYPE:	WEIGHT:1
SPEC.:BR 3000K 34W 90CRI 24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

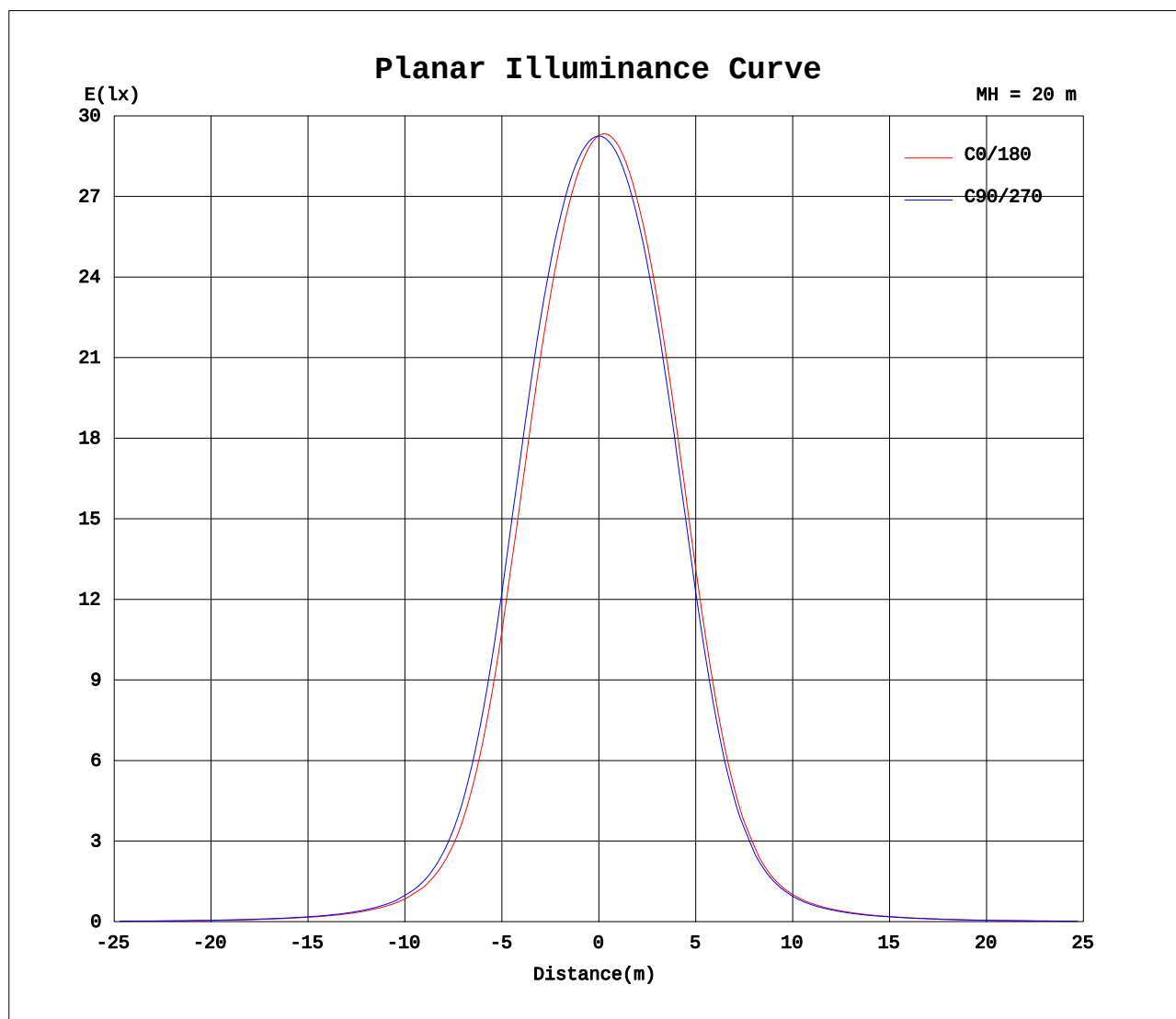
AvgL	cd/m2
L_0~180(65)av	4178
L_0~180(75)av	3118
L_0~180(85)av	1548
L_90~270(65)av	4262
L_90~270(75)av	3309
L_90~270(85)av	1847
L_45(65)av	4245
L_45(75)av	3241
L_45(85)av	1762

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 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 34W 90CRI 24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1

UNIT: ×10cd

C(°)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
γ (°)	0	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170			
5	1054	1062	1066	1082	1088	1103	1104	1115	1112	1103	1103	1091	1088	1074	1069	1054			
10	771	788	795	827	836	862	862	880	872	856	859	838	835	808	801	773			
15	407	424	430	460	466	492	489	509	503	489	493	470	468	439	433	406			
20	157	169	171	186	187	197	193	205	203	197	202	189	188	172	171	155			
25	61.8	64.8	66.7	71.8	70.7	73.3	70.6	74.6	74.6	73.7	76.0	71.9	70.0	65.0	63.4	60.6			
30	29.4	30.7	31.5	33.3	32.7	33.6	33.0	34.3	34.4	34.2	34.9	33.2	31.9	30.2	29.7	28.6			
35	16.0	16.6	17.0	17.9	17.9	18.4	18.2	18.7	18.7	18.5	18.6	17.9	17.4	16.5	16.2	15.7			
40	9.65	10.00	10.2	10.7	10.9	11.2	11.1	11.3	11.3	11.1	11.1	10.7	10.4	9.82	9.67	9.42			
45	5.96	6.13	6.23	6.50	6.63	6.82	6.82	6.95	6.92	6.84	6.80	6.57	6.34	6.01	5.96	5.85			
50	3.83	3.92	3.96	4.11	4.14	4.27	4.29	4.36	4.31	4.23	4.21	4.08	3.99	3.85	3.84	3.78			
55	3.26	3.29	3.32	3.36	3.39	3.42	3.42	3.44	3.41	3.38	3.36	3.32	3.30	3.26	3.25	3.23			
60	2.70	2.76	2.79	2.85	2.87	2.93	2.92	2.94	2.91	2.87	2.86	2.80	2.78	2.73	2.72	2.68			
65	2.04	2.10	2.13	2.20	2.21	2.27	2.25	2.26	2.23	2.20	2.21	2.15	2.14	2.08	2.07	2.02			
70	1.44	1.49	1.53	1.59	1.60	1.65	1.62	1.62	1.59	1.57	1.59	1.54	1.53	1.49	1.46	1.41			
75	0.91	0.95	1.00	1.05	1.06	1.10	1.07	1.07	1.04	1.02	1.05	1.01	1.00	0.96	0.93	0.89			
80	0.46	0.49	0.54	0.58	0.59	0.62	0.59	0.59	0.57	0.55	0.58	0.55	0.55	0.51	0.48	0.44			
85	0.13	0.16	0.17	0.20	0.21	0.23	0.22	0.21	0.19	0.19	0.20	0.18	0.18	0.16	0.15	0.12			
90	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.07	0.07	0.06	0.07	0.07			
95	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.08	0.07	0.08	0.08	0.08	0.08			
100	0.09	0.09	0.09	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			
105	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.10	0.10	0.10			
110	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.12	0.13	0.13			
115	0.16	0.16	0.16	0.16	0.16	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.16	0.16	0.16	0.16			
120	0.25	0.24	0.24	0.24	0.24	0.22	0.22	0.21	0.22	0.23	0.23	0.24	0.24	0.25	0.25	0.26			
125	0.45	0.44	0.44	0.43	0.43	0.40	0.40	0.37	0.39	0.41	0.41	0.44	0.44	0.46	0.45	0.47			
130	0.86	0.84	0.85	0.81	0.82	0.77	0.76	0.72	0.75	0.77	0.79	0.83	0.84	0.87	0.86	0.89			
135	1.50	1.47	1.47	1.42	1.42	1.36	1.35	1.29	1.33	1.36	1.38	1.43	1.44	1.49	1.49	1.55			
140	2.27	2.24	2.24	2.18	2.17	2.11	2.09	2.04	2.09	2.11	2.13	2.19	2.20	2.26	2.26	2.33			
145	3.08	3.05	3.04	2.98	2.97	2.91	2.90	2.85	2.90	2.92	2.93	2.99	3.00	3.05	3.06	3.13			
150	3.77	3.74	3.72	3.68	3.68	3.63	3.63	3.59	3.63	3.65	3.65	3.69	3.71	3.75	3.76	3.80			
155	4.22	4.19	4.16	4.13	4.13	4.10	4.10	4.10	4.15	4.15	4.15	4.17	4.19	4.20	4.21	4.24			
160	4.34	4.31	4.24	4.22	4.21	4.20	4.23	4.28	4.34	4.33	4.32	4.29	4.32	4.31	4.31	4.35			
165	4.07	4.02	3.95	3.94	3.91	3.92	3.99	4.08	4.15	4.15	4.12	4.05	4.05	4.04	4.05	4.05			
170	3.43	3.38	3.35	3.39	3.36	3.38	3.40	3.50	3.57	3.57	3.53	3.52	3.51	3.51	3.46	3.43			
175	2.79	2.80	2.84	2.85	2.81	2.83	2.89	2.90	2.89	2.97	3.01	2.95	2.95	2.95	2.94	2.84			
180	2.64	2.65	2.74	2.70	2.69	2.68	2.71	2.64	2.64	2.65	2.74	2.70	2.69	2.68	2.71	2.64			

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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Humidity:65.0%
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