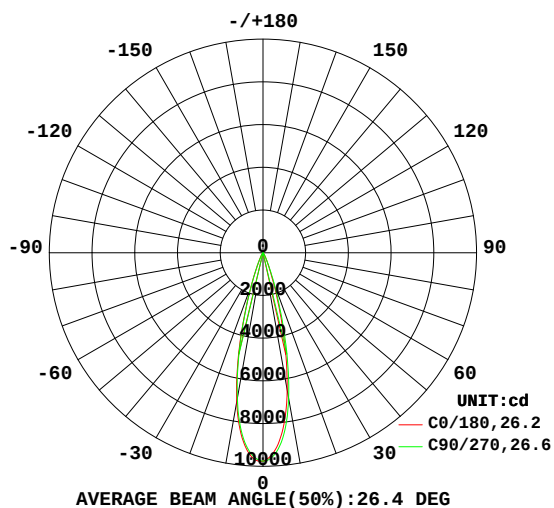


LUMINAIRE PHOTOMETRIC TEST REPORT

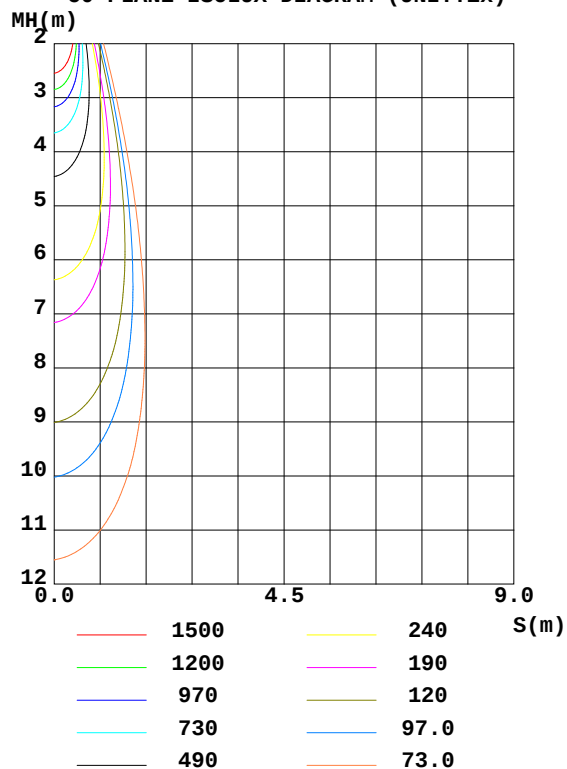
NAME: VM090	TYPE:	WEIGHT:1
SPEC.:BR 3000K 28W 90CRI 24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 81.76 lm/W			
MODEL		Imax(cd)	9779	S/MH(C0/180)	0.44
NOMINAL POWER(W)	28	LOR(%)	83.8	S/MH(C90/270)	0.43
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	2258.9	η UP, DN(C0-180)	1.1, 41.3
NOMINAL FLUX(lm)	2696.45	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.1, 40.3
LAMPS INSIDE	1	η up(%)	2.2	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	230	η down(%)	81.6	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:

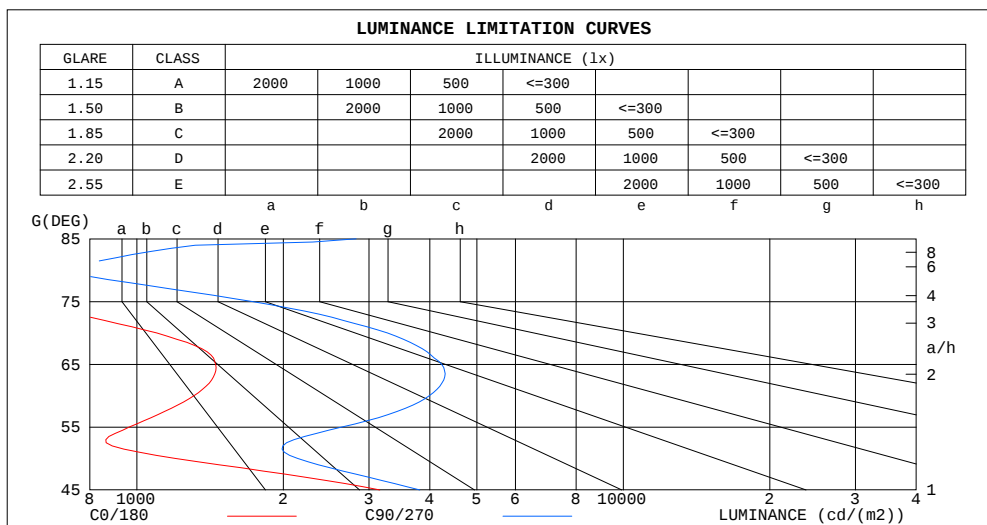
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	6530	6657	6925	7105	7087	7060	6940	6696	0- 10	794.2	794.2	35.2, 29.5
20	1282	1381	1496	1508	1551	1588	1522	1365	10- 20	1024	1818	80.5, 67.4
30	199.2	214.1	226.4	222.6	222.7	233.2	217.1	200.6	20- 30	268.0	2086	92.3, 77.4
40	48.87	51.67	56.15	57.41	58.16	57.91	53.06	47.83	30- 40	71.23	2157	95.5, 80
50	7.460	16.68	13.29	17.57	10.60	7.188	5.360	4.380	40- 50	20.48	2178	96.4, 80.8
60	6.346	23.08	19.29	24.15	7.652	0.5934	0.5952	0.5424	50- 60	8.288	2186	96.8, 81.1
70	3.638	13.00	10.82	15.15	5.646	0.3856	0.4681	0.3920	60- 70	9.129	2195	97.2, 81.4
80	0.6239	1.145	1.253	1.307	0.6275	0.4042	0.4129	0.4263	70- 80	3.063	2198	97.3, 81.5
90	0.5663	2.696	2.831	2.956	0.5578	0.5235	0.5409	0.5570	80- 90	1.134	2199	97.4, 81.6
100	1.572	2.485	1.264	2.694	2.071	0.7975	0.7220	0.7953	90-100	1.886	2201	97.4, 81.6
110	1.336	1.025	1.401	1.383	1.362	0.9143	0.9141	0.9297	100-110	1.445	2202	97.5, 81.7
120	1.723	2.393	1.451	2.497	1.610	1.804	1.657	1.811	110-120	1.335	2204	97.6, 81.7
130	7.070	8.002	7.093	7.928	6.648	6.440	6.422	6.828	120-130	3.500	2207	97.7, 81.9
140	18.76	17.76	21.00	16.84	17.98	17.51	17.72	18.18	130-140	9.323	2217	98.1, 82.2
150	30.45	30.20	30.49	29.53	29.95	29.87	30.13	30.48	140-150	15.30	2232	98.8, 82.8
160	35.16	34.39	34.08	34.27	35.14	35.05	34.96	34.99	150-160	15.43	2247	99.5, 83.3
170	27.86	27.04	27.19	27.06	28.44	28.16	27.94	27.74	160-170	9.233	2257	99.9, 83.7
180	20.43	21.39	20.98	21.36	20.43	21.40	21.00	21.30	170-180	2.332	2259	100, 83.8
DEG	LUMINOUS INTENSITY:cd									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
 γ 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 24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	710	2821
80	371	747
75	549	1729
70	1098	3274
65	1452	4233
60	1310	3992
55	964	2638
50	1198	2139
45	3156	3814

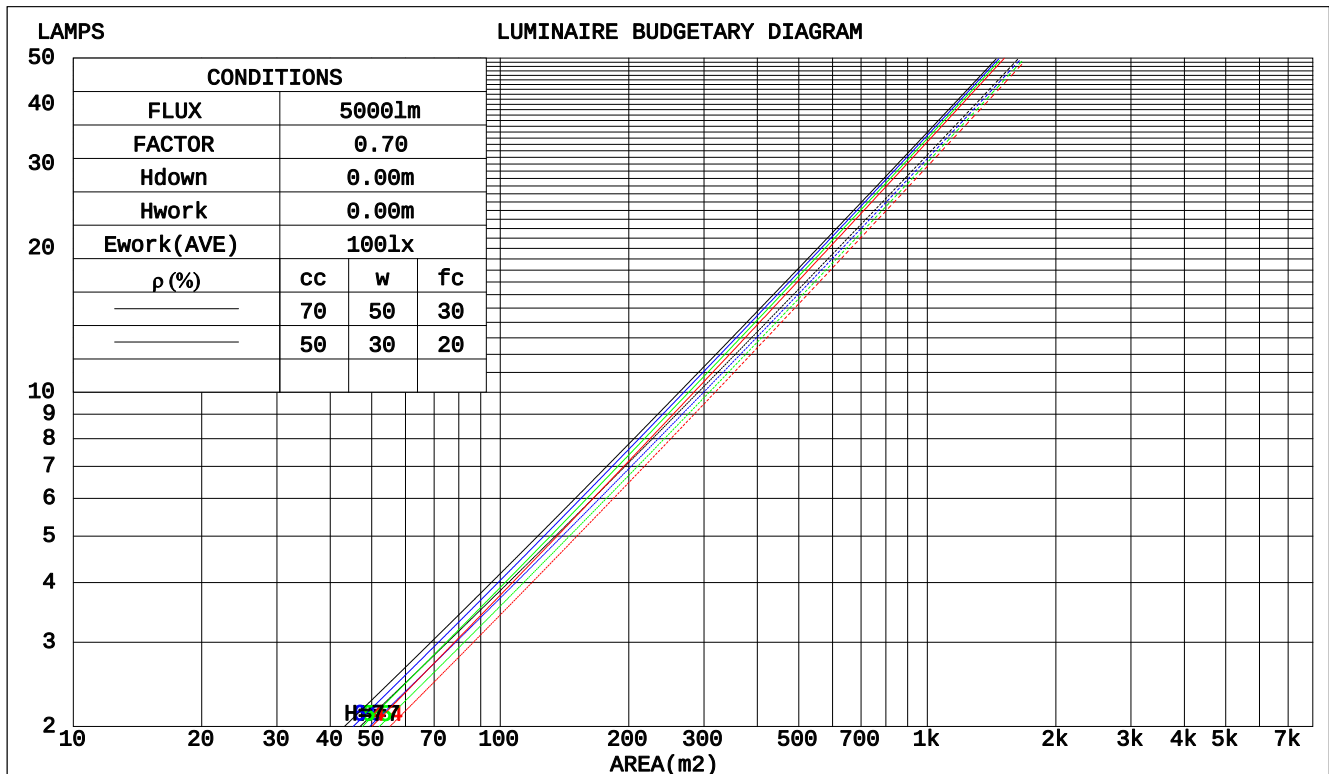
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 28DEG
 Operators: LGL
 Test Date: 2020-08-26

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 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	.99	.99	.99	.97	.97	.97	.92	.92	.92	.87	.87	.87	.83	.83	.83	.82
1.0	.94	.92	.91	.92	.90	.89	.88	.87	.86	.85	.84	.83	.82	.81	.80	.79
2.0	.89	.87	.85	.88	.86	.84	.85	.83	.81	.82	.81	.79	.80	.78	.77	.76
3.0	.85	.82	.80	.84	.81	.79	.82	.80	.78	.80	.78	.76	.78	.76	.75	.74
4.0	.82	.79	.76	.81	.78	.76	.79	.77	.75	.77	.75	.73	.76	.74	.72	.71
5.0	.79	.76	.73	.78	.75	.73	.77	.74	.72	.75	.73	.71	.74	.72	.70	.69
6.0	.76	.73	.70	.76	.72	.70	.74	.71	.69	.73	.71	.69	.72	.70	.68	.67
7.0	.74	.70	.68	.73	.70	.68	.72	.69	.67	.71	.69	.67	.70	.68	.66	.65
8.0	.72	.68	.66	.71	.68	.66	.70	.67	.65	.69	.67	.65	.68	.66	.64	.64
9.0	.70	.66	.64	.69	.66	.64	.68	.65	.63	.68	.65	.63	.67	.65	.63	.62
10.0	.68	.64	.62	.67	.64	.62	.67	.64	.62	.66	.63	.61	.65	.63	.61	.60



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 28W 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	.117	.067	.021	.111	.063	.020	.100	.057	.018	.089	.051	.016	.079	.046	.015		
2.0	.109	.059	.018	.103	.057	.018	.094	.052	.016	.085	.047	.015	.076	.043	.014		
3.0	.101	.054	.016	.097	.052	.016	.088	.048	.015	.081	.044	.014	.074	.041	.013		
4.0	.094	.049	.014	.091	.047	.014	.084	.044	.013	.077	.041	.012	.071	.039	.012		
5.0	.089	.045	.013	.085	.044	.013	.079	.041	.012	.074	.039	.012	.068	.037	.011		
6.0	.084	.042	.012	.081	.041	.012	.076	.039	.011	.071	.037	.011	.066	.035	.010		
7.0	.079	.039	.011	.077	.038	.011	.072	.036	.011	.068	.035	.010	.064	.033	.010		
8.0	.075	.037	.010	.073	.036	.010	.069	.035	.010	.065	.033	.010	.062	.032	.009		
9.0	.072	.035	.010	.070	.034	.010	.066	.033	.009	.063	.031	.009	.060	.030	.009		
10.0	.069	.033	.009	.067	.032	.009	.064	.031	.009	.061	.030	.009	.058	.029	.008		

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	.176	.176	.176	.151	.151	.151	.103	.103	.103	.059	.059	.059	.019	.019	.019	
1.0	.158	.149	.141	.135	.128	.121	.093	.088	.084	.053	.051	.049	.017	.016	.016	
2.0	.143	.128	.116	.123	.110	.100	.084	.076	.070	.049	.044	.041	.016	.014	.013	
3.0	.131	.112	.097	.112	.097	.084	.077	.067	.059	.044	.039	.035	.014	.013	.011	
4.0	.121	.099	.083	.103	.086	.072	.071	.060	.051	.041	.035	.030	.013	.011	.010	
5.0	.112	.089	.072	.096	.077	.063	.066	.054	.044	.038	.032	.026	.012	.010	.009	
6.0	.104	.081	.064	.090	.070	.056	.062	.049	.039	.036	.029	.023	.012	.009	.008	
7.0	.098	.074	.057	.084	.064	.050	.058	.045	.035	.034	.026	.021	.011	.009	.007	
8.0	.093	.068	.052	.080	.059	.045	.055	.042	.032	.032	.025	.019	.010	.008	.006	
9.0	.088	.064	.047	.076	.055	.041	.052	.039	.029	.031	.023	.017	.010	.008	.006	
10.0	.084	.060	.044	.072	.052	.038	.050	.036	.027	.029	.022	.016	.009	.007	.005	

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 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	4.3	5.0	4.6	5.2	5.4	5.4	6.1	5.7	6.3	6.5	
	3H	5.0	5.6	5.3	5.8	6.0	6.7	7.3	7.0	7.8	
	4H	5.0	5.6	5.3	5.8	6.1	6.9	7.4	7.2	7.9	
	6H	4.9	5.5	5.3	5.7	6.0	6.8	7.4	7.1	7.9	
	8H	4.9	5.4	5.2	5.7	6.0	6.8	7.3	7.1	7.9	
	12H	4.9	5.4	5.2	5.7	6.0	6.8	7.3	7.2	7.9	
4H	2H	5.3	5.9	5.6	6.2	6.4	6.1	6.7	6.4	7.2	
	3H	6.2	6.7	6.5	7.0	7.3	7.5	8.0	7.8	8.6	
	4H	6.2	6.7	6.6	7.0	7.3	7.7	8.1	8.0	8.8	
	6H	6.1	6.5	6.5	6.9	7.3	7.6	8.0	8.0	8.8	
	8H	6.1	6.5	6.5	6.9	7.3	7.6	8.0	8.0	8.8	
	12H	6.0	6.4	6.5	6.8	7.2	7.6	8.0	8.1	8.8	
8H	4H	6.3	6.6	6.7	7.0	7.5	7.6	8.0	8.1	8.8	
	6H	6.2	6.5	6.7	6.9	7.4	7.6	7.9	8.1	8.8	
	8H	6.2	6.4	6.6	6.9	7.4	7.6	7.8	8.1	8.8	
	12H	6.1	6.4	6.7	6.9	7.4	7.7	7.9	8.2	8.9	
12H	4H	6.2	6.6	6.7	7.0	7.4	7.6	7.9	8.0	8.8	
	6H	6.1	6.4	6.6	6.9	7.4	7.5	7.8	8.0	8.8	
	8H	6.1	6.4	6.6	6.8	7.4	7.5	7.8	8.0	8.8	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.8 / - 1.1					+ 0.8 / - 0.8					
1.5H	+ 2.1 / - 1.5					+ 2.0 / - 1.2					
2.0H	+ 1.7 / - 3.0					+ 1.2 / - 2.1					

CIE Pub.117, 2696 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 3.4$)

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 24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

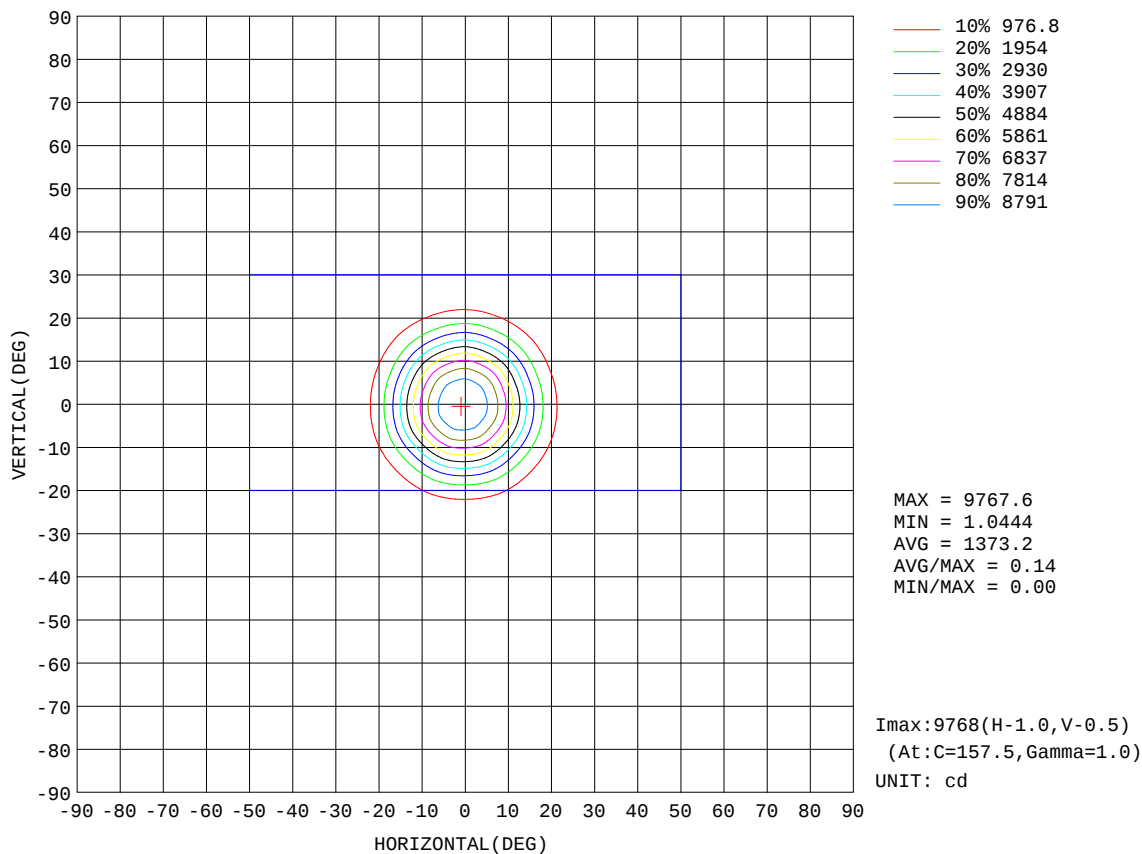
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	74	69	67	74	69	66	73	69	66	63
0.80	80	76	73	80	75	73	79	75	72	69
1.00	84	79	76	83	79	76	81	78	75	72
1.25	87	83	80	86	82	79	84	81	79	75
1.50	89	85	82	88	84	82	86	83	81	77
2.00	91	87	85	89	86	84	87	84	83	78
2.50	92	89	87	91	88	86	88	86	84	79
3.00	93	91	88	92	89	87	89	87	85	79
4.00	95	93	91	93	91	90	90	88	87	81
5.00	96	94	93	94	93	91	90	89	88	81
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 24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

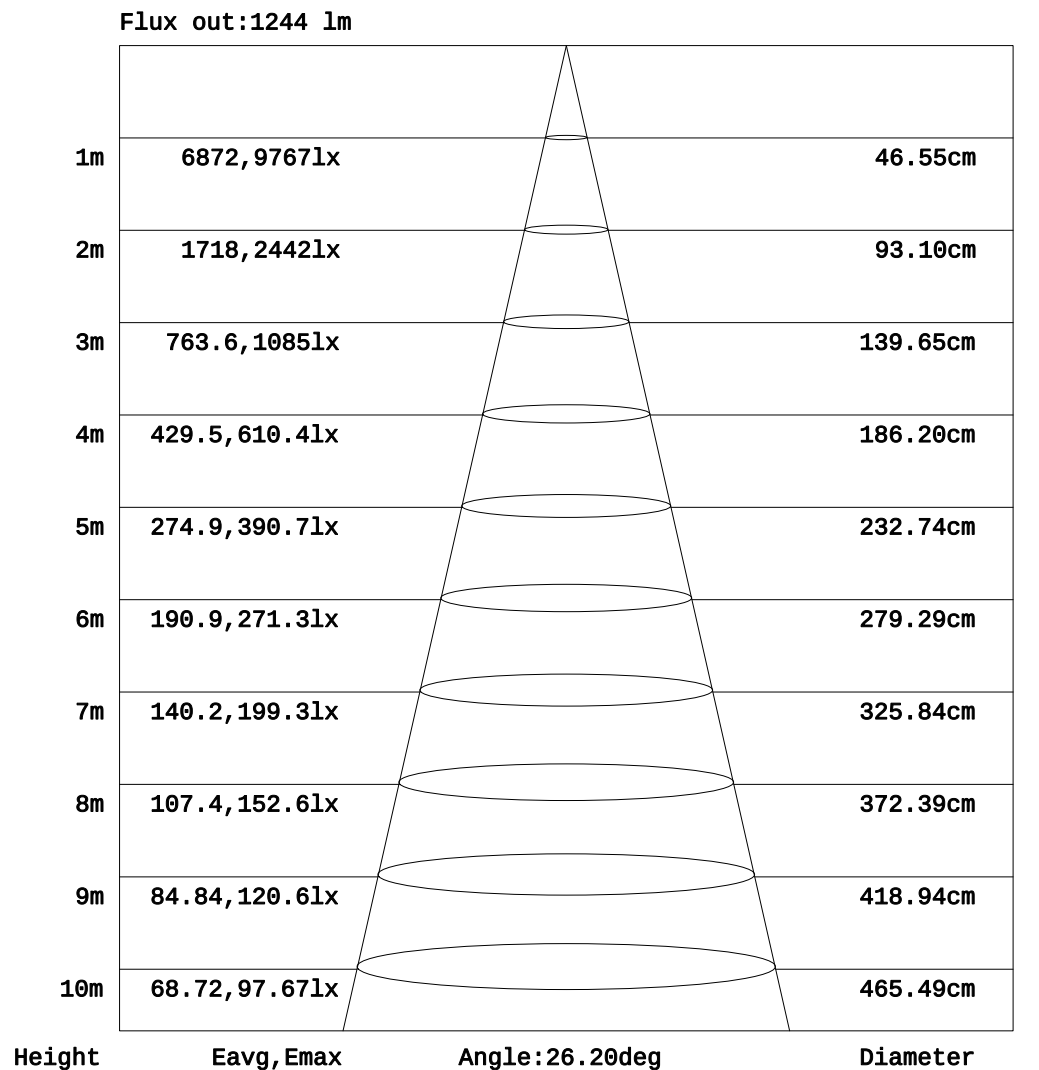


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 28DEG
 Operators: LGL
 Test Date: 2020-08-26

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 28W 90CRI 24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



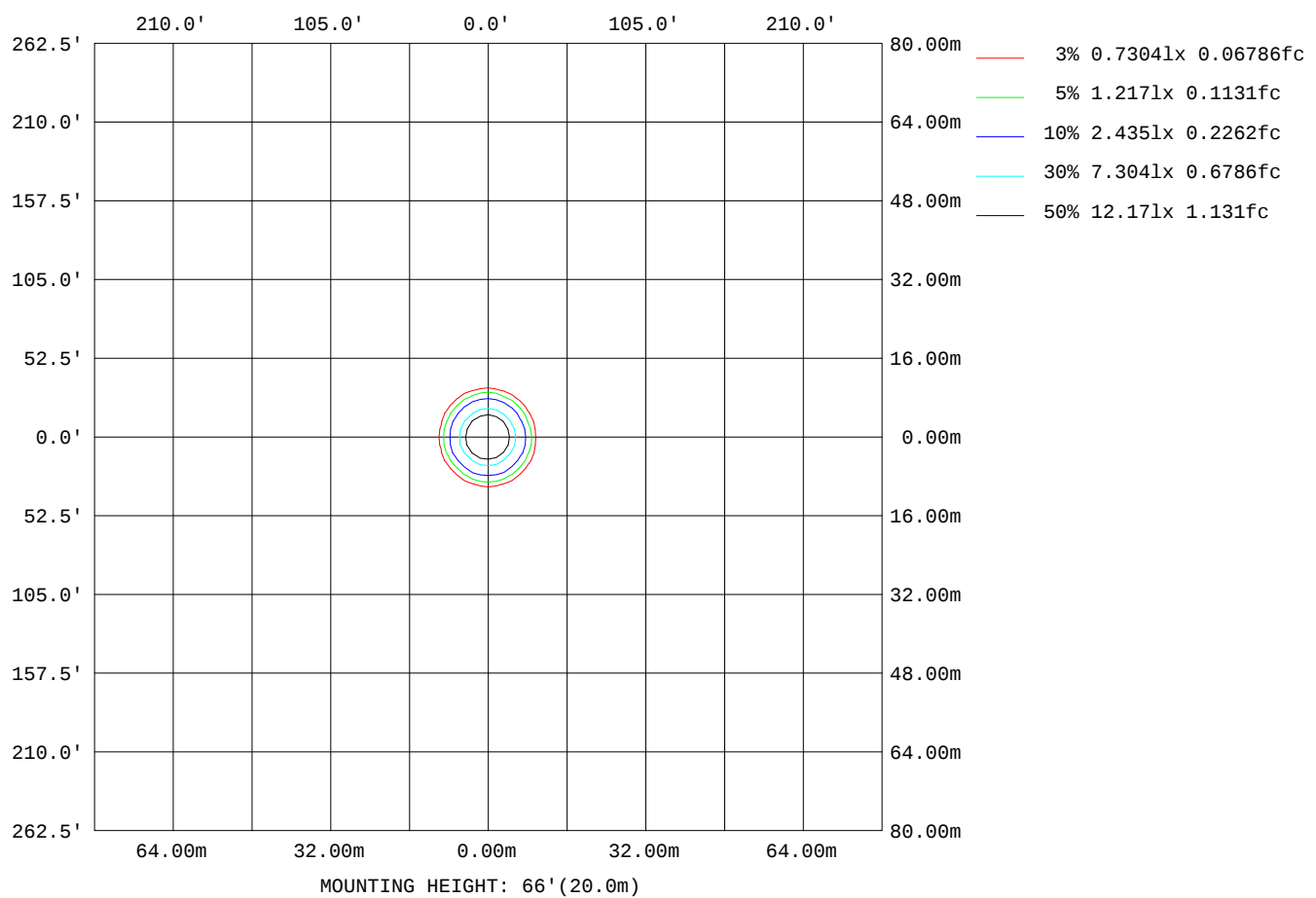
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 28W 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 28W 90CRI 24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

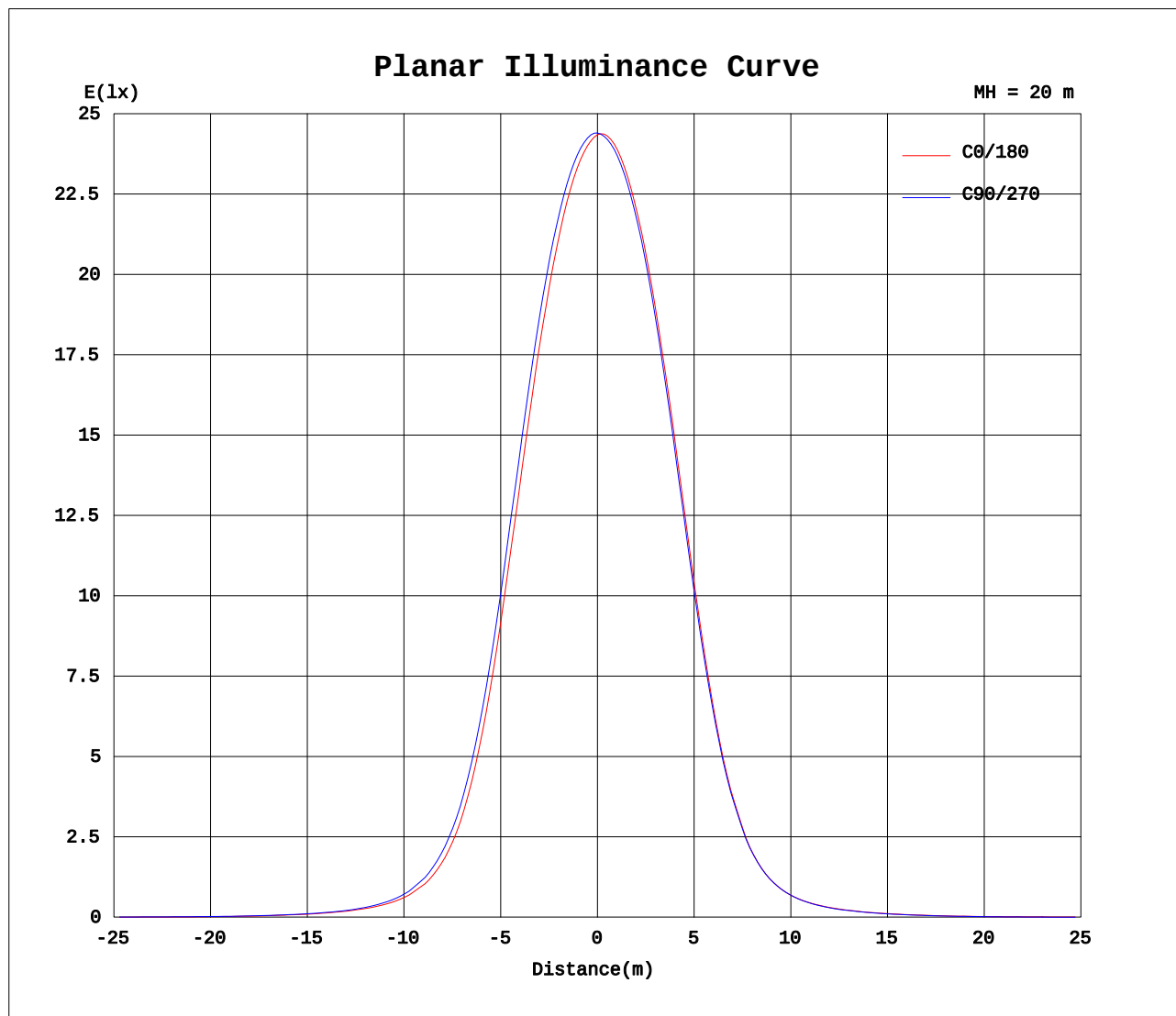
AvgL	cd/m2
L_0~180(65)av	1687
L_0~180(75)av	742
L_0~180(85)av	693
L_90~270(65)av	2167
L_90~270(75)av	940
L_90~270(85)av	1691
L_45(65)av	2698
L_45(75)av	1143
L_45(85)av	1156

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 28W 90CRI 24D	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	9753	9753	9753	9753	9753	9753	9753	9753	9753	9753	9753	9753	9753	9753	9753	9753			
5	8844	8895	8913	9046	9068	9181	9184	9250	9179	9123	9139	9050	9055	8954	8923	8822			
10	6530	6639	6657	6901	6925	7133	7105	7230	7087	6989	7060	6920	6940	6739	6696	6480			
15	3455	3562	3584	3817	3821	4006	3960	4096	3971	3887	3976	3826	3857	3644	3593	3376			
20	1282	1377	1381	1539	1496	1602	1508	1602	1551	1495	1588	1478	1522	1373	1365	1238			
25	465	481	508	545	548	549	530	534	517	529	544	531	515	488	464	436			
30	199	208	214	231	226	231	223	228	223	224	233	225	217	204	201	192			
35	98.8	102	104	111	110	114	111	115	113	113	115	110	107	99.9	98.1	95.0			
40	48.9	51.1	51.7	55.5	56.2	58.8	57.4	59.2	58.2	58.0	57.9	55.1	53.1	48.7	47.8	46.2			
45	21.6	24.9	25.9	26.2	26.1	28.5	28.4	29.2	26.9	25.8	25.8	24.3	22.7	20.3	20.0	19.5			
50	7.46	13.9	16.7	14.4	13.3	17.3	17.6	16.2	10.6	7.22	7.19	6.23	5.36	4.29	4.38	4.06			
55	5.36	16.4	20.0	16.4	14.6	19.4	19.7	16.4	6.18	1.23	0.75	0.73	0.73	0.71	0.67	1.09			
60	6.35	18.5	23.1	20.2	19.3	24.3	24.1	20.1	7.65	1.58	0.59	0.60	0.60	0.58	0.54	1.19			
65	5.94	15.8	20.7	18.1	17.3	23.2	22.7	18.6	7.85	1.41	0.37	0.40	0.43	0.40	0.38	0.77			
70	3.64	9.54	13.0	11.9	10.8	15.6	15.2	12.3	5.65	0.96	0.39	0.42	0.47	0.43	0.39	0.52			
75	1.38	3.57	4.71	4.89	4.32	6.15	5.99	5.19	2.33	0.52	0.37	0.38	0.38	0.38	0.38	0.41			
80	0.62	0.92	1.14	1.12	1.25	1.41	1.31	1.20	0.63	0.47	0.40	0.38	0.41	0.40	0.43	0.42			
85	0.60	1.07	1.52	2.07	2.38	2.13	1.43	1.06	0.57	0.47	0.46	0.45	0.47	0.45	0.49	0.45			
90	0.57	1.83	2.70	2.91	2.83	3.05	2.96	2.22	0.56	0.49	0.52	0.51	0.54	0.52	0.56	0.52			
95	1.14	2.39	3.19	3.17	3.23	3.22	3.44	2.97	1.72	0.71	0.62	0.58	0.65	0.59	0.69	0.73			
100	1.57	2.77	2.49	1.61	1.26	1.67	2.69	3.24	2.07	0.93	0.80	0.71	0.72	0.73	0.80	0.89			
105	1.52	1.89	1.87	1.53	1.26	1.45	1.66	1.96	1.71	1.08	0.95	0.83	0.80	0.83	0.90	1.02			
110	1.34	1.62	1.02	1.69	1.40	1.69	1.38	1.63	1.36	1.16	0.91	0.96	0.91	0.96	0.93	1.13			
115	1.43	1.59	1.03	1.53	1.38	1.33	0.96	1.84	1.40	1.17	1.08	1.11	1.08	1.12	1.10	1.21			
120	1.72	2.42	2.39	2.33	1.45	2.20	2.50	1.72	1.61	1.60	1.80	1.86	1.66	1.86	1.81	1.77			
125	3.42	3.88	4.57	4.40	3.45	4.21	4.67	3.00	3.16	3.20	3.38	3.41	3.23	3.49	3.53	3.47			
130	7.07	7.84	8.00	6.76	7.09	7.45	7.93	7.30	6.65	6.59	6.44	6.55	6.42	6.68	6.83	7.10			
135	12.3	13.0	12.0	11.9	14.6	11.6	10.9	12.2	11.7	11.5	11.1	11.6	11.4	11.8	11.9	12.3			
140	18.8	19.5	17.8	18.5	21.0	18.0	16.8	18.5	18.0	17.6	17.5	17.8	17.7	18.1	18.2	18.8			
145	25.4	26.2	24.8	24.9	27.0	24.3	25.2	23.6	24.3	24.0	24.2	24.4	24.3	24.7	24.8	25.4			
150	30.5	30.7	30.2	30.6	30.5	30.2	29.5	30.3	29.9	29.9	29.9	30.2	30.1	30.5	30.5	30.8			
155	34.2	33.9	33.7	34.4	34.6	34.3	33.3	33.4	34.2	33.9	33.8	33.9	34.0	34.1	34.2	34.5			
160	35.2	35.1	34.4	34.2	34.1	34.0	34.3	34.8	35.1	35.2	35.0	34.8	35.0	34.9	35.0	35.4			
165	32.8	32.9	32.2	32.0	32.4	31.8	32.4	33.2	33.5	33.4	33.1	32.5	32.6	32.6	32.7	32.9			
170	27.9	27.3	27.0	27.4	27.2	27.2	27.1	28.0	28.4	28.4	28.2	27.9	27.9	28.0	27.7	28.0			
175	21.9	21.9	22.5	22.4	22.0	22.3	22.8	22.8	22.6	23.3	23.7	23.2	23.2	23.4	23.4	22.6			
180	20.4	20.6	21.4	21.0	21.0	21.0	21.4	20.7	20.4	20.6	21.4	21.0	21.0	21.0	21.3	20.7			

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: