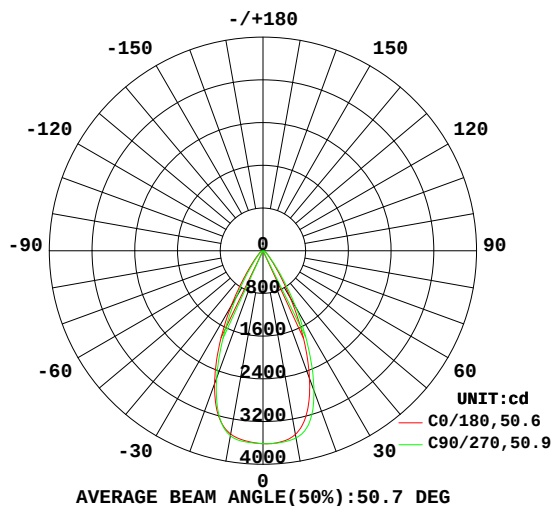


LUMINAIRE PHOTOMETRIC TEST REPORT

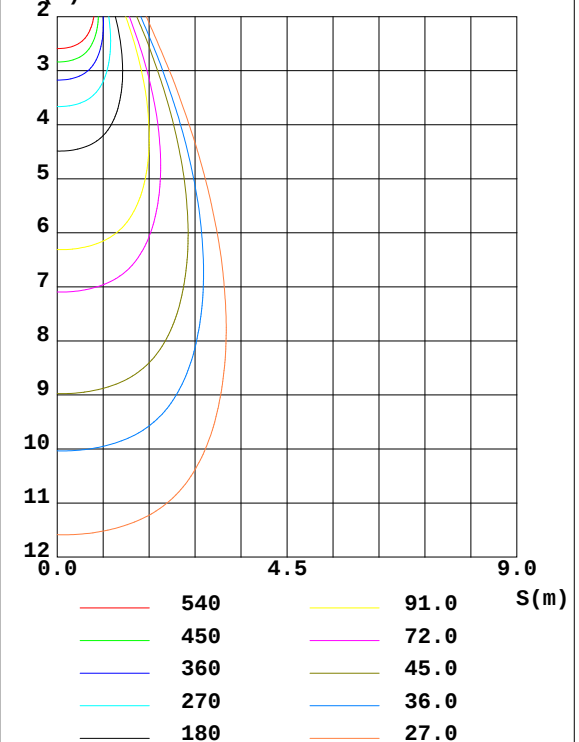
NAME: VM090	TYPE:	WEIGHT:1
SPEC.:BR 3000K 34W 90CRI 55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 82.70 lm/W			
MODEL		Imax(cd)	3618	S/MH(C0/180)	0.78
NOMINAL POWER(W)	34	LOR(%)	106.2	S/MH(C90/270)	0.75
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	2789.8	η UP, DN(C0-180)	1.2, 54.0
NOMINAL FLUX(lm)	2625.92	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.3, 49.7
LAMPS INSIDE	1	η up(%)	2.5	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	230	η down(%)	103.7	CIBSE SHR MAX	0.80

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28DEG
Operators: HTJ
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:

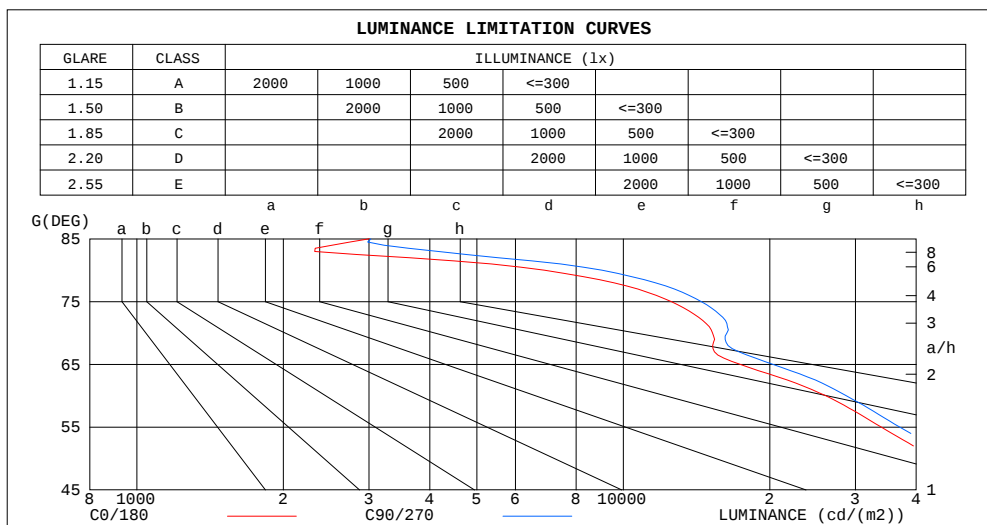
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	3492	3525	3560	3533	3486	3479	3517	3526	0- 10	340.9	340.9	12.2, 13
20	2548	2695	2792	2754	2655	2556	2540	2526	10- 20	885.8	1227	44, 46.7
30	1053	1195	1250	1239	1191	1082	993.1	974.2	20- 30	843.3	2070	74.2, 78.8
40	284.5	320.0	339.6	339.5	318.4	289.8	257.1	256.9	30- 40	383.4	2453	87.9, 93.4
50	115.0	123.6	127.3	126.6	120.1	113.9	105.6	106.2	40- 50	143.7	2597	93.1, 98.9
60	52.85	56.44	58.43	58.02	53.99	51.70	48.37	49.19	50- 60	72.85	2670	95.7, 102
70	21.16	22.96	22.73	23.87	22.77	22.58	21.60	21.69	60- 70	34.24	2704	96.9, 103
80	4.848	6.924	6.392	9.835	8.362	8.677	5.010	5.783	70- 80	16.12	2720	97.5, 104
90	0.7860	0.7744	0.7789	0.9311	0.9692	0.8477	0.7585	0.7508	80- 90	2.547	2723	97.6, 104
100	1.217	1.169	1.120	1.111	1.124	1.179	1.214	1.205	90-100	1.019	2724	97.6, 104
110	2.372	2.231	2.087	2.057	2.180	2.347	2.451	2.430	100-110	1.705	2726	97.7, 104
120	5.644	5.312	5.008	4.929	5.249	5.662	5.909	5.849	110-120	3.580	2729	97.8, 104
130	11.79	11.31	10.91	10.79	11.23	11.86	12.30	12.18	120-130	7.365	2737	98.1, 104
140	19.91	19.37	18.88	18.76	19.36	20.00	20.53	20.42	130-140	11.91	2748	98.5, 105
150	28.01	27.42	26.89	26.79	27.55	28.02	28.50	28.50	140-150	14.84	2763	99.1, 105
160	32.99	32.12	31.64	31.74	32.56	32.54	32.72	32.90	150-160	14.03	2777	99.6, 106
170	33.26	32.82	32.47	32.49	33.06	33.03	33.20	33.10	160-170	9.295	2787	99.9, 106
180	33.74	34.23	34.02	34.16	33.73	34.23	34.04	34.17	170-180	3.171	2790	100, 106
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 28DEG
 Operators: HTJ
 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 34W 90CRI 55D	DIM.:	SERIAL No.:
MFR.	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	3003	3027
80	6882	9042
75	12546	14458
70	15252	16323
65	17371	20282
60	26055	28704
55	33891	36989
50	44083	48648
45	59930	67808

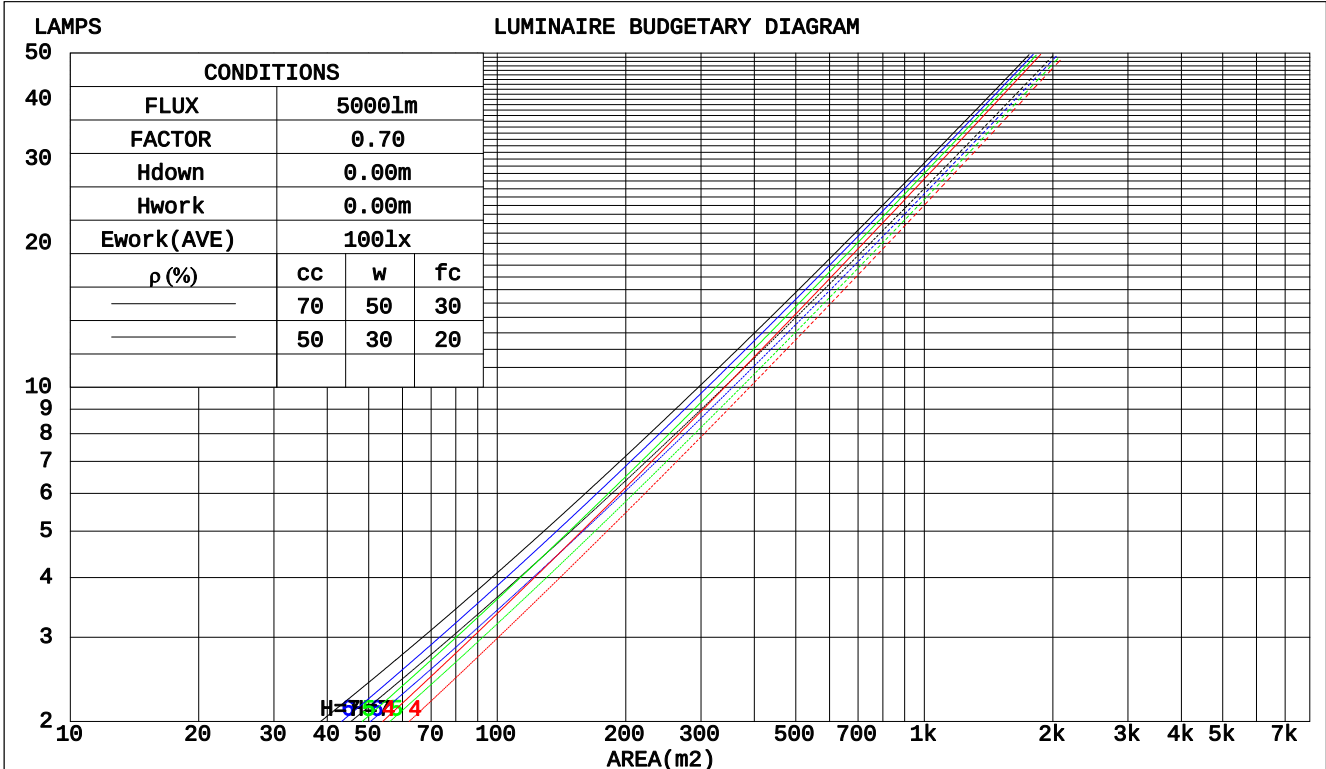
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 28DEG
 Operators: HTJ
 Test Date: 2020-08-26

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 55D	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	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
0.0	1.26	1.26	1.26	1.23	1.23	1.23	1.17	1.17	1.17	1.11	1.11	1.11	1.06	1.06	1.06	1.04
1.0	1.17	1.14	1.12	1.14	1.12	1.10	1.10	1.08	1.06	1.05	1.04	1.02	1.01	1.00	.99	.97
2.0	1.09	1.04	1.01	1.07	1.03	.99	1.03	.90	.97	.99	.97	.94	.96	.94	.92	.90
3.0	1.01	.96	.92	.90	.95	.91	.97	.93	.89	.94	.90	.88	.91	.88	.86	.84
4.0	.95	.89	.85	.94	.88	.84	.91	.86	.83	.88	.85	.81	.86	.83	.80	.79
5.0	.89	.83	.78	.88	.82	.78	.86	.81	.77	.84	.79	.76	.82	.78	.75	.74
6.0	.84	.78	.73	.83	.77	.73	.81	.76	.72	.79	.75	.71	.78	.74	.71	.69
7.0	.79	.73	.69	.78	.72	.68	.77	.72	.68	.75	.71	.67	.74	.70	.67	.65
8.0	.75	.69	.64	.74	.68	.64	.73	.68	.64	.72	.67	.63	.70	.66	.63	.62
9.0	.71	.65	.61	.70	.65	.61	.69	.64	.60	.68	.63	.60	.67	.63	.60	.58
10.0	.67	.61	.58	.67	.61	.57	.66	.61	.57	.65	.60	.57	.64	.60	.57	.55



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 28DEG
 Operators: HTJ
 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 55D	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	.192	.109	.035	.184	.105	.033	.170	.097	.031	.156	.090	.029	.143	.083	.027		
2.0	.183	.100	.031	.176	.097	.030	.164	.091	.028	.152	.085	.027	.141	.080	.025		
3.0	.173	.092	.028	.168	.090	.027	.157	.085	.026	.147	.080	.025	.137	.076	.024		
4.0	.164	.085	.025	.159	.083	.025	.150	.079	.024	.141	.076	.023	.133	.072	.022		
5.0	.156	.079	.023	.151	.078	.023	.143	.074	.022	.135	.071	.021	.128	.068	.021		
6.0	.148	.074	.021	.144	.073	.021	.137	.070	.020	.130	.068	.020	.123	.065	.019		
7.0	.141	.070	.020	.138	.069	.020	.131	.066	.019	.125	.064	.019	.119	.062	.018		
8.0	.135	.066	.018	.131	.065	.018	.126	.063	.018	.120	.061	.018	.115	.059	.017		
9.0	.129	.062	.017	.126	.061	.017	.120	.060	.017	.115	.058	.017	.111	.056	.016		
10.0	.123	.059	.016	.121	.058	.016	.116	.057	.016	.111	.055	.016	.107	.054	.015		

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	.222	.222	.222	.190	.190	.190	.129	.129	.129	.074	.074	.074	.024	.024	.024	
1.0	.202	.187	.173	.173	.160	.149	.118	.110	.103	.068	.064	.060	.022	.021	.019	
2.0	.186	.160	.139	.159	.138	.120	.109	.096	.084	.063	.056	.049	.020	.018	.016	
3.0	.173	.140	.115	.148	.121	.100	.102	.084	.070	.059	.049	.041	.019	.016	.013	
4.0	.162	.125	.097	.139	.108	.084	.095	.075	.059	.055	.044	.035	.018	.014	.012	
5.0	.152	.113	.083	.131	.097	.072	.090	.068	.051	.052	.040	.030	.017	.013	.010	
6.0	.144	.103	.073	.124	.089	.064	.086	.062	.045	.050	.037	.027	.016	.012	.009	
7.0	.137	.095	.065	.118	.082	.057	.082	.058	.040	.047	.034	.024	.015	.011	.008	
8.0	.131	.088	.059	.113	.076	.051	.078	.054	.036	.045	.032	.022	.015	.010	.007	
9.0	.126	.083	.054	.108	.072	.047	.075	.050	.033	.044	.030	.020	.014	.010	.007	
10.0	.121	.078	.049	.104	.068	.043	.072	.048	.031	.042	.028	.018	.014	.009	.006	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:HTJ
 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 55D						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		18.5	19.4	18.7	19.6	19.8	19.1	20.1	19.4	20.3	20.5
3H		18.5	19.4	18.8	19.6	19.9	19.2	20.0	19.5	20.3	20.5
4H		18.6	19.4	18.9	19.6	19.9	19.2	20.0	19.5	20.3	20.6
6H		18.5	19.3	18.9	19.6	19.8	19.2	19.9	19.5	20.2	20.5
8H		18.5	19.2	18.8	19.5	19.8	19.2	19.9	19.5	20.2	20.5
12H		18.4	19.1	18.8	19.4	19.8	19.1	19.8	19.5	20.1	20.4
4H	2H	18.4	19.2	18.7	19.5	19.8	19.1	19.9	19.4	20.1	20.4
	3H	18.6	19.3	18.9	19.6	19.9	19.2	19.9	19.6	20.2	20.5
	4H	18.7	19.3	19.0	19.6	20.0	19.3	19.9	19.7	20.2	20.6
	6H	18.7	19.2	19.1	19.6	20.0	19.3	19.8	19.7	20.2	20.6
	8H	18.6	19.1	19.0	19.5	19.9	19.2	19.8	19.7	20.1	20.6
	12H	18.6	19.0	19.0	19.4	19.9	19.2	19.7	19.6	20.1	20.5
8H	4H	18.6	19.1	19.0	19.5	19.9	19.2	19.7	19.6	20.1	20.5
	6H	18.6	19.1	19.1	19.5	20.0	19.2	19.7	19.7	20.1	20.6
	8H	18.6	19.0	19.1	19.4	19.9	19.2	19.6	19.7	20.0	20.5
	12H	18.5	18.9	19.0	19.3	19.9	19.2	19.5	19.7	20.0	20.5
12H	4H	18.6	19.0	19.0	19.5	19.9	19.2	19.6	19.6	20.0	20.5
	6H	18.6	19.0	19.1	19.4	19.9	19.2	19.6	19.7	20.0	20.5
	8H	18.6	18.9	19.1	19.4	19.9	19.2	19.5	19.7	20.0	20.5
Variations with the observer position at spacings:											
S = 1.0H		+ 1.5 / - 2.3					+ 1.9 / - 2.5				
1.5H		+ 2.5 / - 1.5					+ 3.2 / - 1.8				
2.0H		+ 2.2 / - 1.8					+ 2.3 / - 1.9				

CIE Pub.117, 2626 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: HTJ
 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 55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

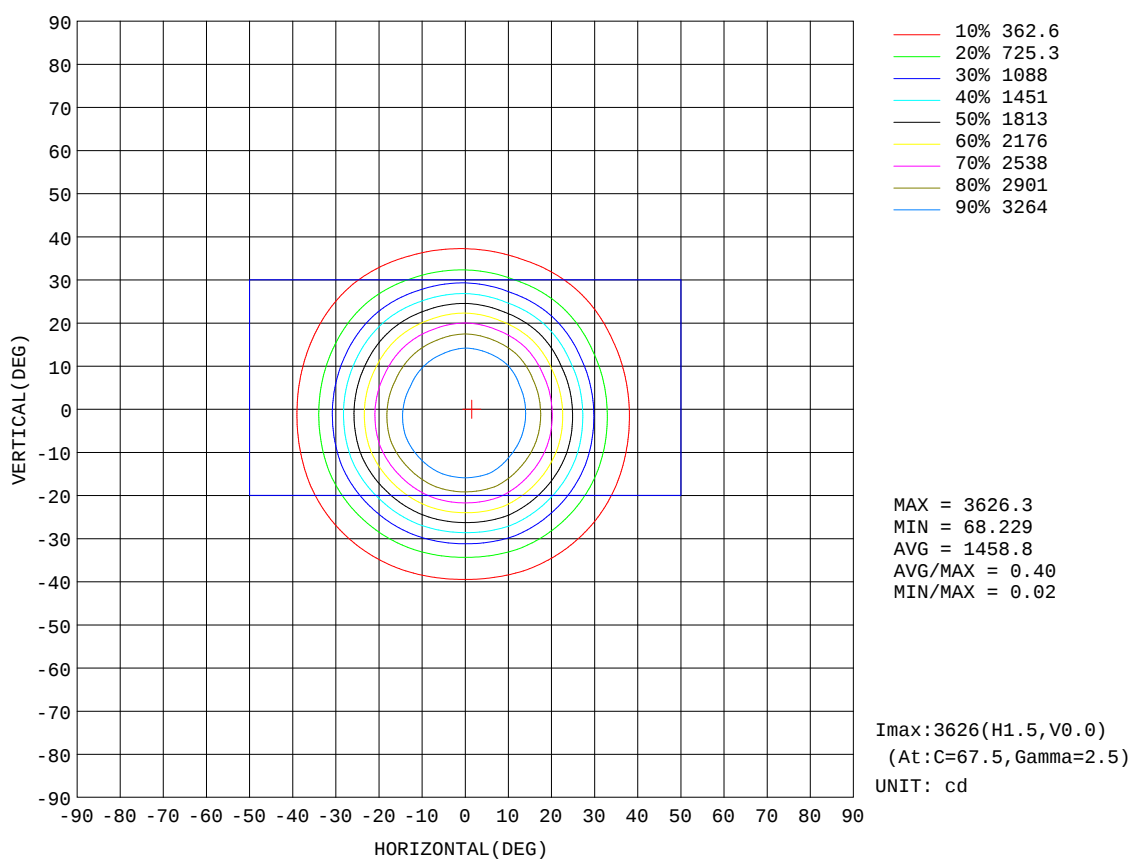
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	82	78	89	82	78	88	81	77	73
0.80	97	91	86	97	90	86	95	89	86	81
1.00	103	96	92	101	96	92	99	95	91	86
1.25	107	101	97	106	100	97	103	99	96	90
1.50	110	105	101	109	104	100	106	102	99	93
2.00	113	109	105	112	107	104	108	105	102	96
2.50	115	111	108	113	110	106	110	107	104	97
3.00	117	113	110	115	112	109	111	108	106	98
4.00	120	116	114	117	114	112	113	111	109	100
5.00	121	118	116	118	116	114	114	112	111	102
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:HTJ
 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 55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

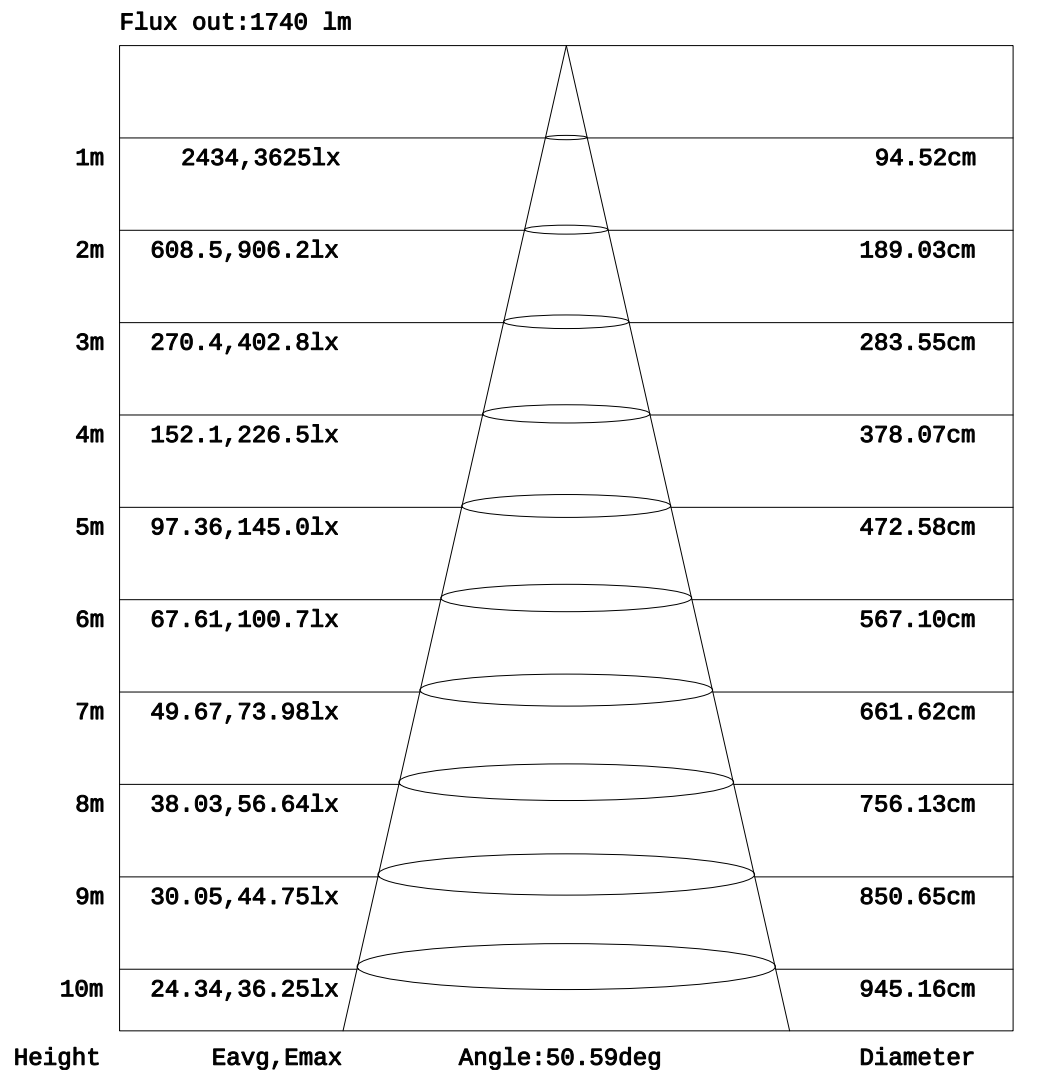


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:HTJ
Test Date:2020-08-26

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 55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



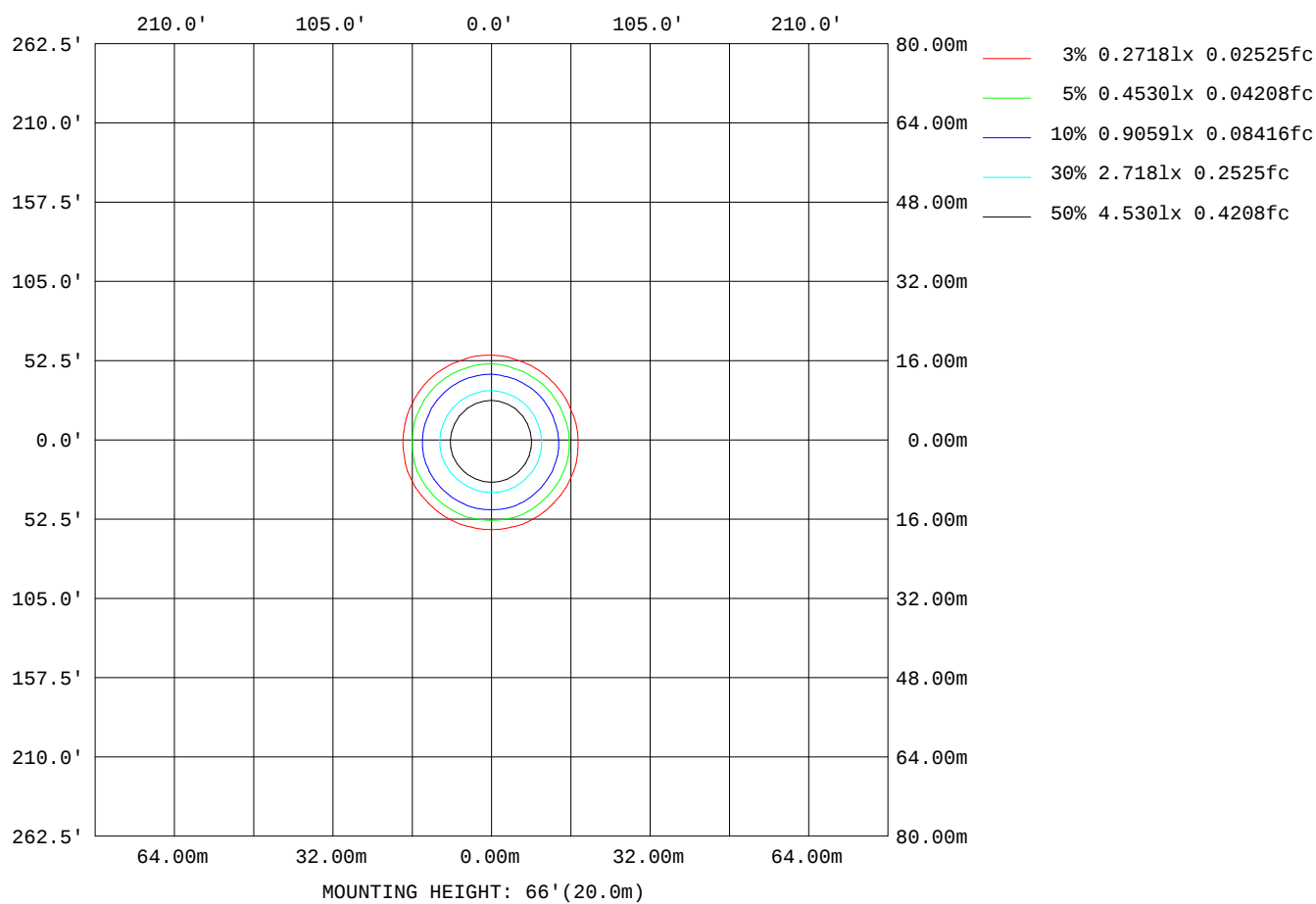
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:HTJ
 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 55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28DEG
Operators: HTJ
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 55D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

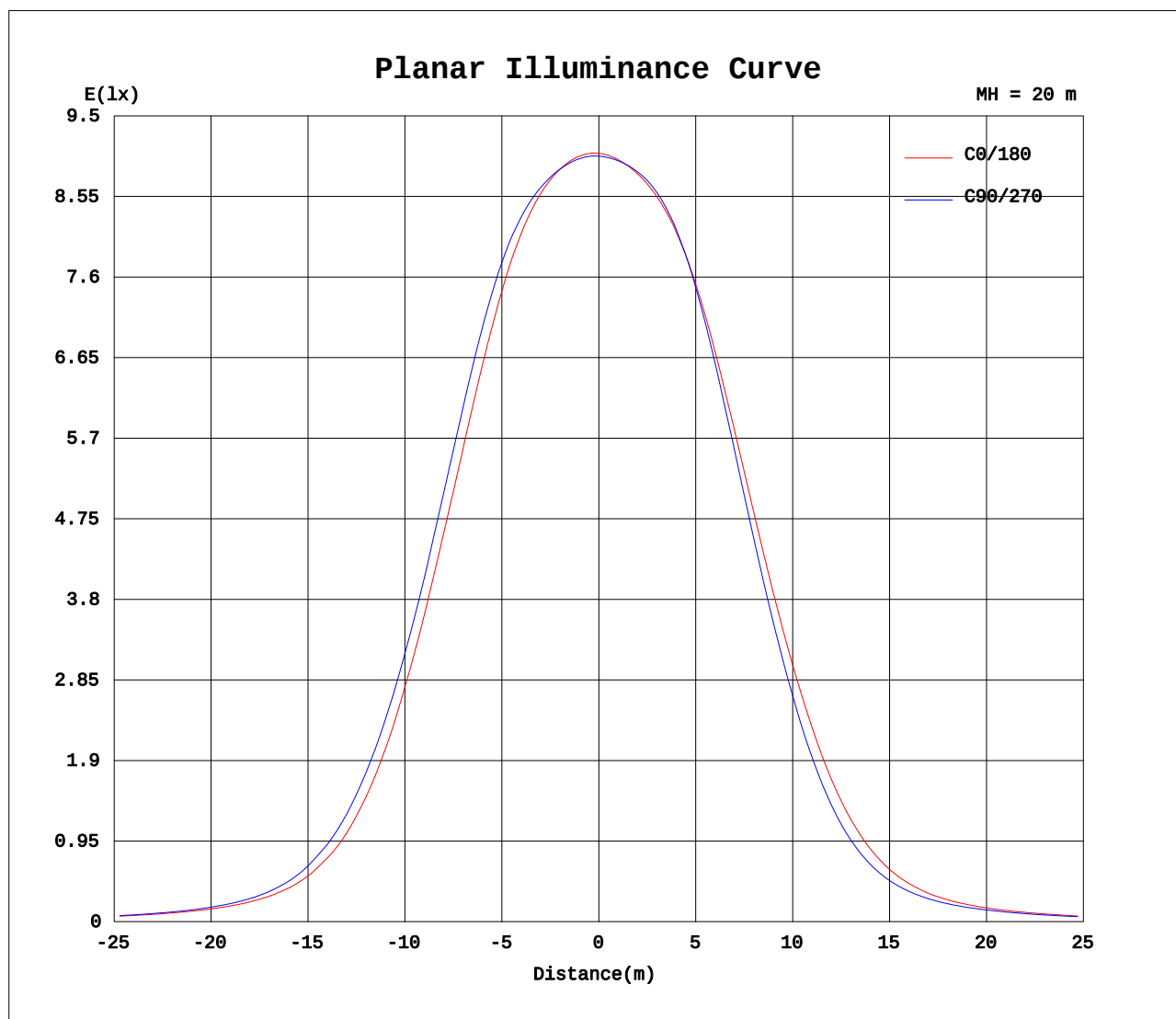
AvgL	cd/m2
L_0~180(65)av	18485
L_0~180(75)av	14124
L_0~180(85)av	3462
L_90~270(65)av	18927
L_90~270(75)av	13778
L_90~270(85)av	3202
L_45(65)av	19468
L_45(75)av	15723
L_45(85)av	4176

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:HTJ
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: HTJ
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 55D	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	3613	3613	3613	3613	3613	3613	3613	3613	3613	3613	3613	3613	3613	3613	3613	3613			
5	3599	3603	3607	3612	3608	3602	3592	3585	3577	3574	3578	3585	3596	3602	3606	3602			
10	3492	3504	3525	3558	3560	3552	3533	3516	3486	3468	3479	3493	3517	3524	3526	3502			
15	3160	3206	3255	3333	3342	3337	3304	3280	3210	3153	3158	3157	3189	3176	3189	3152			
20	2548	2632	2695	2792	2792	2797	2754	2744	2655	2575	2556	2521	2540	2501	2526	2499			
25	1782	1888	1946	2039	2017	2021	1988	2006	1924	1842	1806	1744	1739	1682	1713	1705			
30	1053	1145	1195	1273	1250	1257	1239	1258	1191	1121	1082	1013	993	942	974	977			
35	547	595	628	672	664	673	663	670	624	588	557	512	494	468	487	495			
40	284	307	320	341	340	346	339	340	318	300	290	268	257	247	257	262			
45	172	182	188	196	195	198	195	194	185	178	174	163	158	153	158	161			
50	115	120	124	128	127	129	127	125	120	116	114	108	106	103	106	108			
55	78.9	82.3	84.1	86.7	86.4	87.4	86.0	84.8	81.1	78.6	77.6	74.3	72.7	71.5	73.5	74.6			
60	52.9	55.5	56.4	58.6	58.4	59.5	58.0	56.8	54.0	52.2	51.7	49.2	48.4	47.7	49.2	49.9			
65	29.8	33.8	35.3	36.0	34.9	37.5	36.3	35.6	33.8	32.2	31.9	30.5	30.2	29.7	30.5	29.6			
70	21.2	22.1	23.0	22.9	22.7	23.6	23.9	23.6	22.8	22.6	22.6	21.9	21.6	21.6	21.7	20.7			
75	13.2	15.0	16.0	15.7	15.2	17.1	18.5	17.8	16.6	16.5	17.1	14.9	13.8	14.2	14.7	13.0			
80	4.85	6.31	6.92	6.86	6.39	8.78	9.84	9.76	8.36	8.65	8.68	6.54	5.01	5.37	5.78	4.93			
85	1.06	1.05	1.04	1.08	1.07	1.88	2.21	2.01	1.39	1.58	1.61	1.36	1.20	1.20	1.06	1.04			
90	0.79	0.79	0.77	0.77	0.78	0.87	0.93	1.05	0.97	0.91	0.85	0.77	0.76	0.74	0.75	0.73			
95	0.96	0.96	0.93	0.93	0.91	0.91	0.89	0.91	0.88	0.88	0.91	0.91	0.94	0.92	0.93	0.91			
100	1.22	1.20	1.17	1.15	1.12	1.12	1.11	1.13	1.12	1.14	1.18	1.19	1.21	1.20	1.20	1.19			
105	1.63	1.59	1.55	1.50	1.47	1.45	1.45	1.47	1.51	1.56	1.60	1.65	1.66	1.67	1.65	1.64			
110	2.37	2.27	2.23	2.12	2.09	2.02	2.06	2.07	2.18	2.30	2.35	2.47	2.45	2.48	2.43	2.44			
115	3.65	3.51	3.41	3.26	3.20	3.10	3.14	3.17	3.38	3.56	3.67	3.82	3.83	3.85	3.79	3.80			
120	5.64	5.42	5.31	5.07	5.01	4.86	4.93	4.96	5.25	5.54	5.66	5.92	5.91	5.98	5.85	5.87			
125	8.38	8.10	7.96	7.68	7.59	7.44	7.49	7.54	7.90	8.24	8.44	8.75	8.78	8.86	8.71	8.67			
130	11.8	11.5	11.3	11.0	10.9	10.7	10.8	10.8	11.2	11.6	11.9	12.2	12.3	12.4	12.2	12.1			
135	15.7	15.3	15.2	14.8	14.7	14.5	14.6	14.6	15.1	15.6	15.8	16.2	16.3	16.4	16.2	16.1			
140	19.9	19.5	19.4	19.0	18.9	18.6	18.8	18.8	19.4	19.8	20.0	20.4	20.5	20.6	20.4	20.3			
145	24.2	23.8	23.6	23.2	23.1	22.8	22.9	23.1	23.6	24.0	24.2	24.6	24.7	24.8	24.7	24.5			
150	28.0	27.6	27.4	27.0	26.9	26.7	26.8	27.0	27.5	27.9	28.0	28.4	28.5	28.6	28.5	28.4			
155	31.1	30.7	30.4	30.0	29.8	29.7	29.9	30.1	30.7	30.9	30.9	31.1	31.3	31.3	31.5	31.4			
160	33.0	32.5	32.1	31.8	31.6	31.5	31.7	32.0	32.6	32.7	32.5	32.5	32.7	32.8	32.9	33.0			
165	33.5	33.1	32.7	32.5	32.3	32.1	32.5	32.7	33.2	33.3	33.0	32.9	33.2	33.1	33.2	33.3			
170	33.3	32.8	32.8	32.9	32.5	32.4	32.5	32.8	33.1	33.3	33.0	33.1	33.2	33.3	33.1	33.0			
175	33.3	33.2	33.5	33.3	33.0	33.0	33.3	33.1	33.1	33.6	33.8	33.6	33.6	33.8	33.8	33.4			
180	33.7	33.9	34.2	34.0	34.0	34.1	34.2	33.7	33.7	33.9	34.2	34.0	34.0	34.1	34.2	33.7			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 28DEG
 Operators: HTJ
 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: