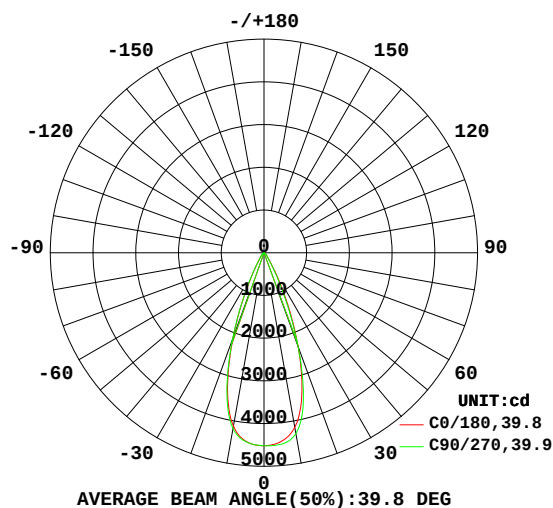


LUMINAIRE PHOTOMETRIC TEST REPORT

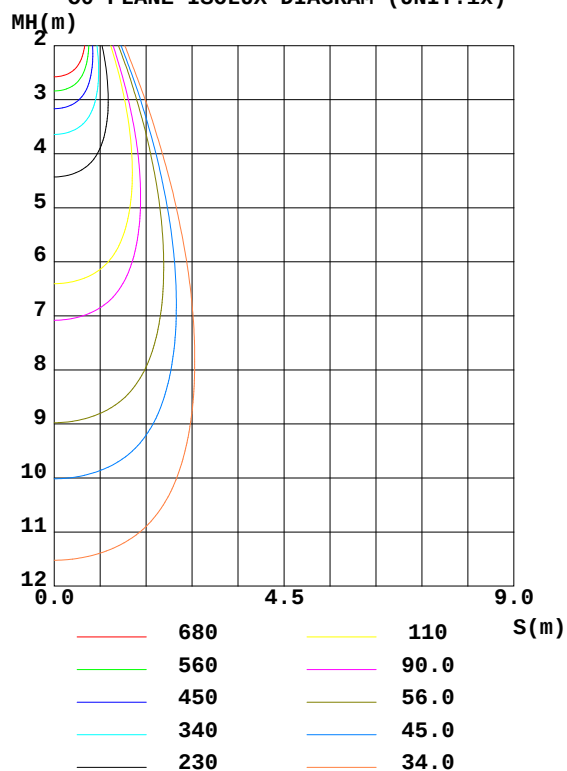
NAME: VM090	TYPE:	WEIGHT:1
SPEC.:BR 3000K 28W 90CRI 38D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 79.50 lm/W			
MODEL		I _{max} (cd)	4521	S/MH(C0/180)	0.60
NOMINAL POWER(W)	28	LOR(%)	83.6	S/MH(C90/270)	0.60
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	2190.2	η UP, DN(C0-180)	1.0, 42.2
NOMINAL FLUX(lm)	2618.46	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.0, 39.5
LAMPS INSIDE	1	η up(%)	2.0	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	230	η down(%)	81.6	CIBSE SHR MAX	0.65

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:

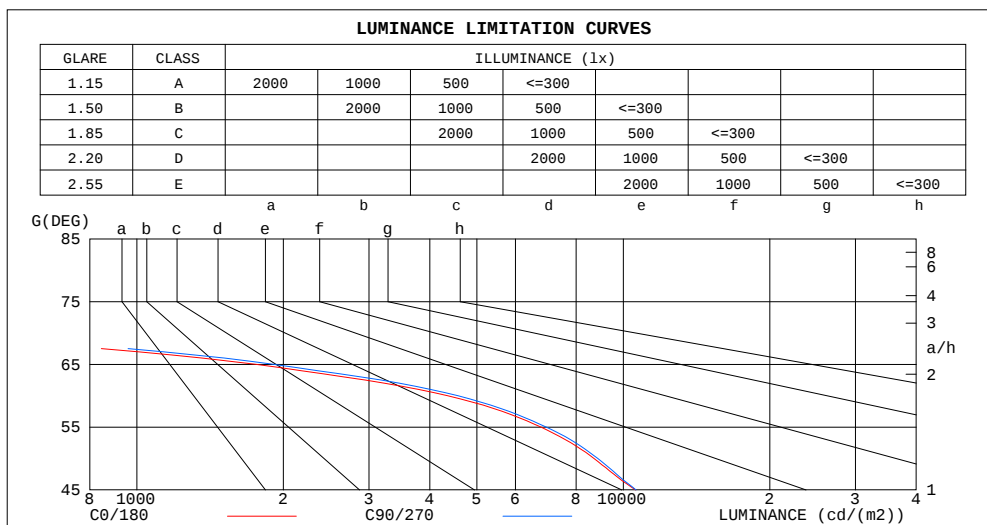
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	4151	4271	4298	4229	4123	4127	4178	4157	0- 10	418.0	418.0	19.1,16
20	2338	2433	2336	2249	2121	2085	2155	2215	10- 20	918.2	1336	61,51
30	553.0	552.5	471.0	435.7	426.5	432.9	437.1	480.2	20- 30	537.4	1874	85.5,71.6
40	128.7	131.1	124.0	118.0	116.2	116.0	115.7	118.6	30- 40	144.2	2018	92.1,77.1
50	66.49	67.89	67.59	65.32	64.83	63.78	63.30	63.45	40- 50	67.98	2086	95.2,79.7
60	25.85	26.58	27.12	26.57	25.71	24.31	23.43	23.82	50- 60	40.44	2126	97.1,81.2
70	0.8442	1.069	1.072	1.056	0.7893	0.5526	0.5618	0.5028	60- 70	9.918	2136	97.5,81.6
80	0.3669	0.3510	0.3599	0.3535	0.3317	0.3182	0.3313	0.3138	70- 80	0.3740	2137	97.6,81.6
90	0.4951	0.4812	0.4814	0.4792	0.4623	0.4573	0.4662	0.4509	80- 90	0.4343	2137	97.6,81.6
100	0.7007	0.6865	0.6821	0.6801	0.6858	0.6892	0.7025	0.6806	90-100	0.6231	2138	97.6,81.6
110	1.089	1.075	1.075	1.086	1.159	1.162	1.134	1.094	100-110	0.9089	2139	97.6,81.7
120	2.685	2.644	2.706	2.791	3.059	3.088	2.905	2.785	110-120	1.745	2140	97.7,81.7
130	7.582	7.482	7.716	7.872	8.306	8.444	8.164	7.891	120-130	4.492	2145	97.9,81.9
140	15.76	15.55	15.84	16.05	16.62	16.76	16.43	16.12	130-140	9.088	2154	98.3,82.3
150	24.75	24.39	24.64	24.82	25.53	25.61	25.40	25.14	140-150	12.87	2167	98.9,82.8
160	29.67	29.11	28.83	29.25	29.74	29.72	29.52	29.79	150-160	12.83	2180	99.5,83.2
170	26.99	26.49	25.94	26.01	26.70	26.33	26.86	26.78	160-170	8.090	2188	99.9,83.6
180	25.17	25.54	25.17	25.52	25.13	25.55	25.19	25.52	170-180	2.447	2190	100,83.6
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 28W 90CRI 38D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	403	399
80	178	175
75	114	115
70	208	264
65	1755	1909
60	4350	4569
55	6768	6941
50	8703	8857
45	10595	10614

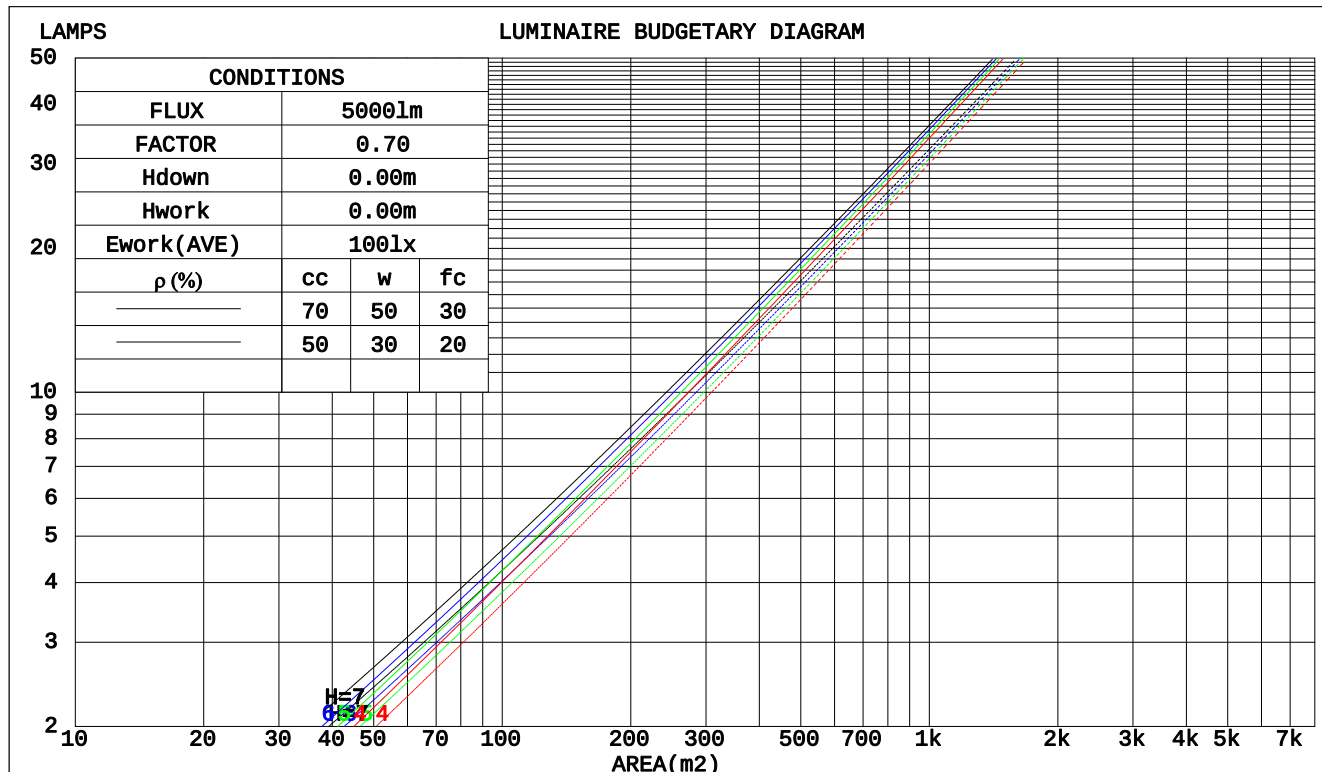
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 28DEG
 Operators: HTJ
 Test Date: 2020-08-26

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 28W 90CRI 38D	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	.93	.91	.89	.91	.89	.88	.87	.86	.85	.84	.83	.82	.81	.80	.79	.78
2.0	.87	.84	.82	.86	.83	.81	.83	.81	.79	.80	.78	.77	.78	.76	.75	.74
3.0	.83	.79	.76	.81	.78	.75	.79	.76	.74	.77	.74	.72	.75	.73	.71	.70
4.0	.78	.74	.71	.77	.73	.71	.75	.72	.70	.73	.71	.69	.72	.69	.68	.66
5.0	.74	.70	.67	.73	.70	.67	.72	.68	.66	.70	.67	.65	.69	.66	.64	.63
6.0	.71	.66	.63	.70	.66	.63	.69	.65	.63	.67	.64	.62	.66	.64	.61	.60
7.0	.68	.63	.60	.67	.63	.60	.66	.62	.60	.65	.62	.59	.64	.61	.59	.58
8.0	.65	.60	.57	.64	.60	.57	.63	.60	.57	.62	.59	.57	.61	.58	.56	.55
9.0	.62	.58	.55	.61	.58	.55	.61	.57	.55	.60	.57	.54	.59	.56	.54	.53
10.0	.59	.55	.53	.59	.55	.53	.58	.55	.52	.58	.54	.52	.57	.54	.52	.51



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 28W 90CRI 38D	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	.134	.076	.024	.128	.073	.023	.116	.067	.021	.105	.061	.020	.096	.055	.018		
2.0	.126	.069	.021	.121	.067	.021	.111	.062	.019	.102	.057	.018	.094	.053	.017		
3.0	.119	.063	.019	.115	.061	.018	.106	.058	.018	.099	.054	.017	.091	.051	.016		
4.0	.113	.058	.017	.109	.057	.017	.101	.054	.016	.095	.051	.015	.089	.048	.015		
5.0	.107	.054	.016	.103	.053	.015	.097	.051	.015	.091	.048	.014	.086	.046	.014		
6.0	.101	.051	.015	.098	.050	.014	.093	.048	.014	.088	.046	.013	.083	.044	.013		
7.0	.097	.048	.014	.094	.047	.013	.089	.045	.013	.084	.043	.013	.080	.042	.012		
8.0	.092	.045	.013	.090	.044	.013	.085	.043	.012	.081	.041	.012	.077	.040	.012		
9.0	.088	.043	.012	.086	.042	.012	.082	.041	.012	.078	.039	.011	.075	.038	.011		
10.0	.085	.041	.011	.083	.040	.011	.079	.039	.011	.076	.038	.011	.073	.036	.010		

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	.175	.175	.175	.149	.149	.149	.102	.102	.102	.059	.059	.059	.019	.019	.019	
1.0	.158	.147	.138	.135	.126	.119	.092	.087	.082	.053	.050	.048	.017	.016	.015	
2.0	.144	.127	.112	.123	.109	.097	.085	.075	.067	.049	.044	.040	.016	.014	.013	
3.0	.133	.111	.093	.114	.095	.081	.078	.066	.057	.045	.039	.033	.015	.013	.011	
4.0	.123	.098	.079	.106	.085	.069	.073	.059	.048	.042	.035	.029	.014	.011	.009	
5.0	.115	.088	.068	.099	.076	.059	.068	.053	.042	.040	.031	.025	.013	.010	.008	
6.0	.109	.080	.060	.093	.069	.052	.064	.049	.037	.037	.029	.022	.012	.009	.007	
7.0	.103	.074	.053	.089	.064	.046	.061	.045	.033	.036	.026	.020	.011	.009	.006	
8.0	.098	.068	.048	.084	.059	.042	.058	.042	.030	.034	.025	.018	.011	.008	.006	
9.0	.093	.064	.044	.080	.055	.038	.056	.039	.027	.032	.023	.016	.011	.008	.005	
10.0	.089	.060	.040	.077	.052	.035	.053	.037	.025	.031	.022	.015	.010	.007	.005	

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 28W 90CRI 38D						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	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	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	0.2	0.2	0.2	0.2	0.2
Room dimensions						Viewed crosswise					Viewed endwise				
x = 2H y = 2H						10.4	11.2	10.6	11.4	11.6	10.2	11.0	10.5	11.2	11.4
3H						10.2	11.0	10.5	11.2	11.4	10.1	10.9	10.4	11.1	11.3
4H						10.2	10.8	10.5	11.1	11.4	10.0	10.7	10.3	11.0	11.2
6H						10.1	10.7	10.4	11.0	11.3	9.9	10.6	10.3	10.9	11.2
8H						10.0	10.6	10.4	10.9	11.2	9.9	10.5	10.2	10.8	11.1
12H						10.0	10.6	10.3	10.9	11.2	9.8	10.4	10.2	10.8	11.1
4H 2H						10.3	11.0	10.6	11.2	11.5	10.2	10.9	10.5	11.1	11.4
3H						10.1	10.7	10.5	11.1	11.4	10.0	10.6	10.4	10.9	11.3
4H						10.0	10.6	10.4	10.9	11.3	9.9	10.5	10.3	10.8	11.2
6H						9.9	10.4	10.4	10.8	11.2	9.8	10.3	10.2	10.7	11.1
8H						9.9	10.3	10.3	10.7	11.1	9.8	10.2	10.2	10.6	11.0
12H						9.8	10.2	10.3	10.7	11.1	9.7	10.1	10.2	10.5	11.0
8H 4H						9.9	10.3	10.3	10.7	11.1	9.8	10.2	10.2	10.6	11.0
6H						9.8	10.1	10.2	10.6	11.0	9.7	10.0	10.1	10.5	10.9
8H						9.7	10.0	10.2	10.5	11.0	9.6	9.9	10.1	10.4	10.9
12H						9.7	9.9	10.2	10.4	10.9	9.5	9.8	10.1	10.3	10.8
12H 4H						9.8	10.2	10.3	10.7	11.1	9.7	10.1	10.2	10.5	11.0
6H						9.7	10.0	10.2	10.5	11.0	9.6	9.9	10.1	10.4	10.9
8H						9.7	9.9	10.2	10.4	10.9	9.5	9.8	10.0	10.3	10.8
Variations with the observer position at spacings:															
S = 1.0H						+ 1.6 / - 2.7					+ 1.4 / - 2.4				
1.5H						+ 2.0 / - 1.2					+ 1.5 / - 1.1				
2.0H						+ 2.4 / - 5.4					+ 2.3 / - 5.2				

CIE Pub.117, 2618 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 3.3$)

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 28W 90CRI 38D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

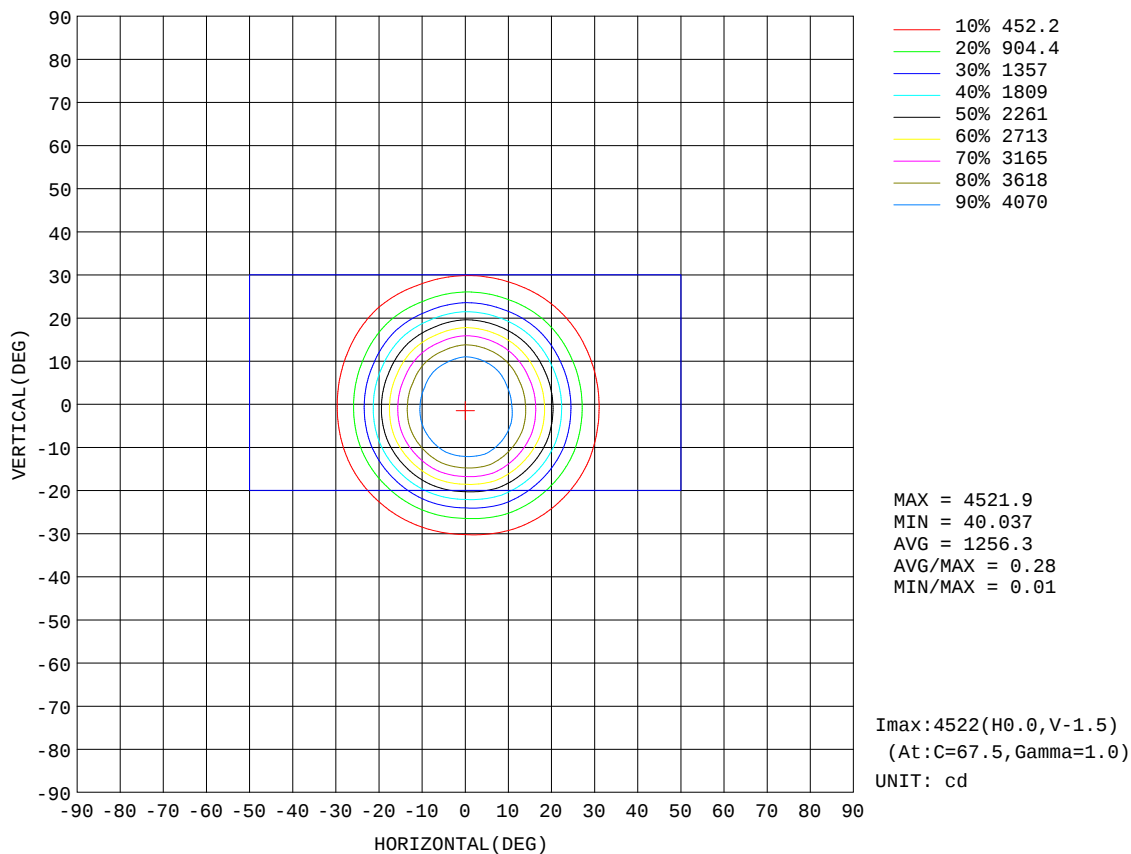
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	72	67	64	72	67	64	71	67	64	61
0.80	79	74	71	78	73	70	77	73	70	67
1.00	82	78	75	82	77	74	80	77	74	70
1.25	86	81	78	85	81	78	83	80	77	73
1.50	88	84	81	87	83	81	85	82	80	75
2.00	90	87	84	89	86	83	86	84	82	77
2.50	92	88	86	90	87	85	87	85	83	78
3.00	93	90	88	91	89	87	88	86	85	79
4.00	95	92	90	93	91	89	89	88	87	80
5.00	96	94	92	94	92	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: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 28W 90CRI 38D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

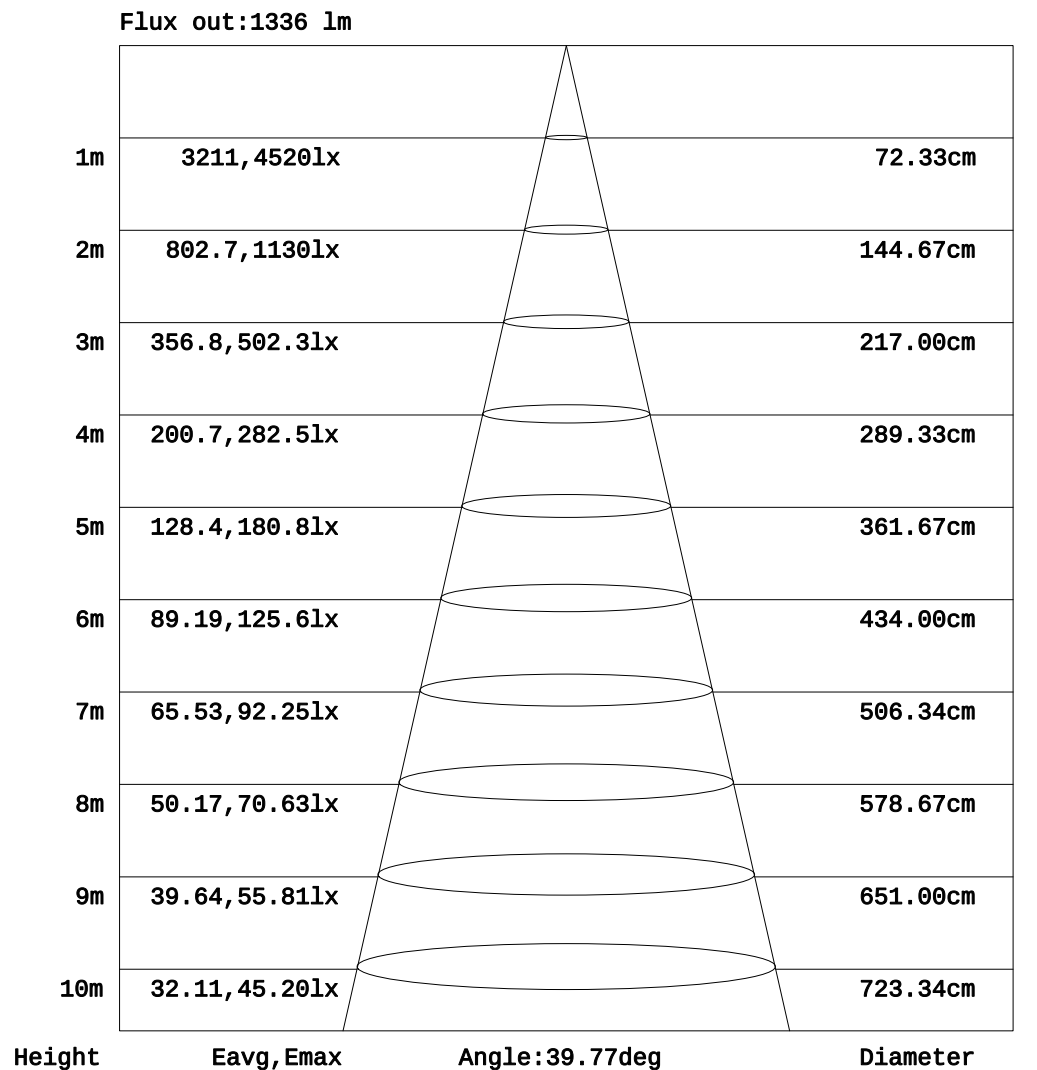


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:HTJ
Test Date:2020-08-26

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 28W 90CRI 38D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



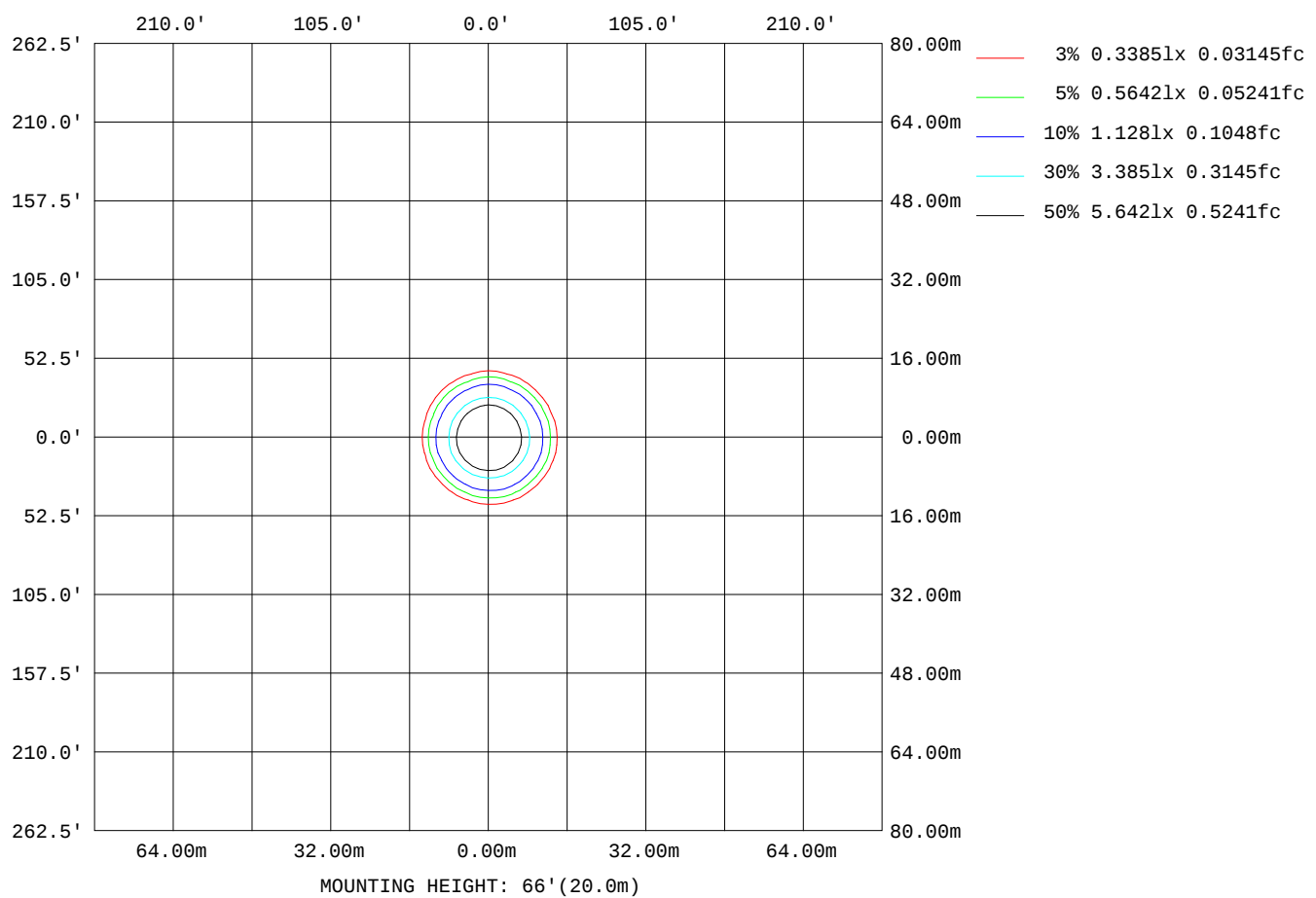
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 28W 90CRI 38D	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
 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 38D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

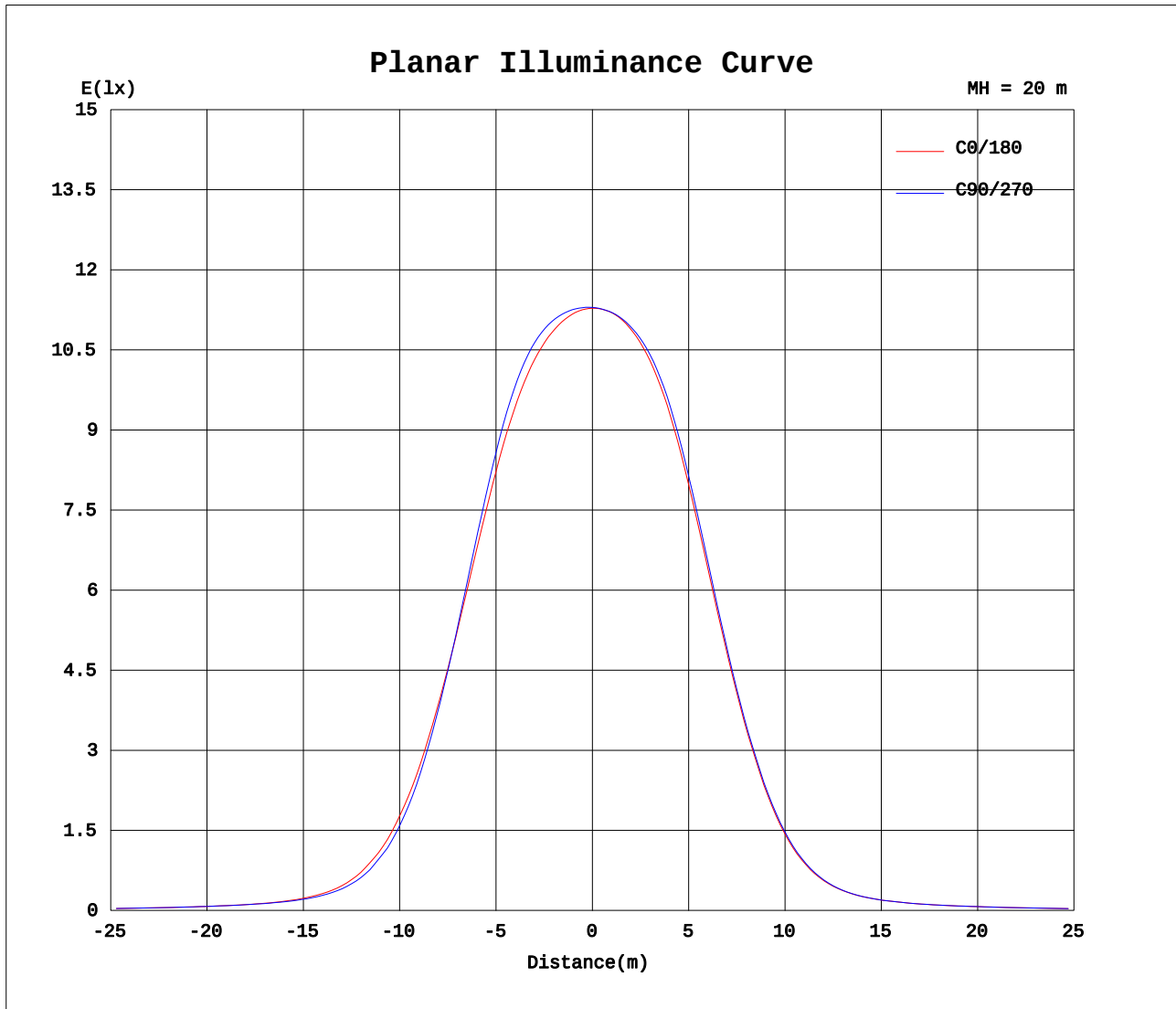
AvgL	cd/m2
L_0~180(65)av	1758
L_0~180(75)av	106
L_0~180(85)av	388
L_90~270(65)av	1706
L_90~270(75)av	106
L_90~270(85)av	384
L_45(65)av	1713
L_45(75)av	104
L_45(85)av	377

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 28W 90CRI 38D	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	4517	4517	4517	4517	4517	4517	4517	4517	4517	4517	4517	4517	4517	4517	4517	4517			
5	4442	4463	4483	4501	4502	4499	4479	4462	4451	4441	4448	4451	4458	4451	4446	4437			
10	4151	4220	4271	4317	4298	4284	4229	4176	4123	4094	4127	4138	4178	4167	4157	4127			
15	3430	3529	3581	3642	3567	3544	3458	3398	3302	3232	3276	3278	3365	3353	3372	3357			
20	2338	2423	2433	2460	2336	2320	2249	2213	2121	2050	2085	2065	2155	2160	2215	2237			
25	1259	1313	1283	1278	1159	1146	1098	1101	1051	1014	1040	1012	1074	1088	1150	1185			
30	553	565	553	530	471	457	436	441	427	419	433	414	437	447	480	513			
35	232	242	233	227	208	202	194	196	192	190	195	187	193	195	206	217			
40	129	134	131	131	124	121	118	118	116	115	116	114	116	116	119	123			
45	89.1	91.2	90.8	91.7	89.1	87.2	85.4	85.2	84.4	83.6	83.5	82.9	83.8	83.8	84.2	86.4			
50	66.5	67.7	67.9	68.9	67.6	66.7	65.3	65.2	64.8	64.2	63.8	62.9	63.3	62.8	63.5	65.0			
55	46.1	46.9	47.1	48.4	47.3	47.4	46.2	45.8	45.4	44.7	44.2	43.0	43.3	42.7	43.6	45.0			
60	25.9	26.4	26.6	27.9	27.1	27.5	26.6	26.1	25.7	24.9	24.3	23.1	23.4	22.9	23.8	25.0			
65	8.82	9.24	9.35	10.1	9.58	9.93	9.36	9.15	8.83	8.25	8.04	7.28	7.55	7.16	7.63	8.20			
70	0.84	0.83	1.07	1.24	1.07	1.19	1.06	0.98	0.79	0.40	0.55	0.47	0.56	0.46	0.50	0.61			
75	0.35	0.34	0.35	0.34	0.35	0.35	0.35	0.35	0.30	0.29	0.30	0.29	0.30	0.29	0.29	0.29			
80	0.37	0.38	0.35	0.37	0.36	0.37	0.35	0.38	0.33	0.31	0.32	0.30	0.33	0.30	0.31	0.30			
85	0.42	0.43	0.41	0.43	0.41	0.43	0.41	0.43	0.38	0.36	0.38	0.36	0.38	0.35	0.37	0.35			
90	0.50	0.50	0.48	0.49	0.48	0.50	0.48	0.50	0.46	0.44	0.46	0.45	0.47	0.44	0.45	0.43			
95	0.59	0.60	0.58	0.59	0.57	0.59	0.57	0.59	0.56	0.54	0.56	0.55	0.57	0.54	0.55	0.53			
100	0.70	0.71	0.69	0.70	0.68	0.70	0.68	0.71	0.69	0.67	0.69	0.68	0.70	0.67	0.68	0.66			
105	0.84	0.85	0.83	0.83	0.82	0.84	0.83	0.86	0.86	0.85	0.86	0.85	0.86	0.83	0.84	0.82			
110	1.09	1.09	1.07	1.07	1.07	1.08	1.09	1.12	1.16	1.17	1.16	1.15	1.13	1.10	1.09	1.09			
115	1.60	1.57	1.58	1.56	1.60	1.60	1.65	1.68	1.78	1.83	1.79	1.79	1.69	1.67	1.63	1.64			
120	2.69	2.62	2.64	2.62	2.71	2.73	2.79	2.87	3.06	3.12	3.09	3.06	2.90	2.85	2.78	2.78			
125	4.62	4.51	4.57	4.53	4.72	4.72	4.86	4.92	5.21	5.36	5.30	5.30	5.05	4.98	4.84	4.81			
130	7.58	7.43	7.48	7.46	7.72	7.74	7.87	7.96	8.31	8.51	8.44	8.46	8.16	8.07	7.89	7.81			
135	11.4	11.2	11.2	11.2	11.5	11.5	11.7	11.8	12.2	12.4	12.3	12.4	12.0	11.9	11.7	11.7			
140	15.8	15.5	15.5	15.5	15.8	15.9	16.1	16.2	16.6	16.9	16.8	16.8	16.4	16.3	16.1	16.1			
145	20.4	20.1	20.1	20.0	20.4	20.4	20.6	20.8	21.3	21.5	21.3	21.4	21.0	20.9	20.7	20.7			
150	24.7	24.5	24.4	24.3	24.6	24.7	24.8	25.0	25.5	25.7	25.6	25.6	25.4	25.3	25.1	25.1			
155	28.1	27.8	27.7	27.6	27.7	27.8	28.0	28.1	28.5	28.7	28.7	28.6	28.5	28.5	28.4	28.4			
160	29.7	29.4	29.1	28.9	28.8	28.8	29.2	29.4	29.7	29.8	29.7	29.4	29.5	29.6	29.8	29.8			
165	29.2	28.8	28.4	28.3	27.9	27.9	28.2	28.7	29.1	28.9	28.6	28.3	28.6	28.8	28.9	29.0			
170	27.0	26.6	26.5	26.5	25.9	25.8	26.0	26.4	26.7	26.6	26.3	26.2	26.9	26.9	26.8	26.8			
175	25.3	25.2	25.5	25.2	24.7	24.7	25.2	25.1	25.0	25.5	25.5	25.2	25.2	25.8	25.9	25.3			
180	25.2	25.1	25.5	25.2	25.2	25.3	25.5	25.0	25.1	25.2	25.5	25.2	25.2	25.3	25.5	25.0			

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

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 γ Interval: 0.5DEG
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 Humidity:65.0%
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 Remarks: