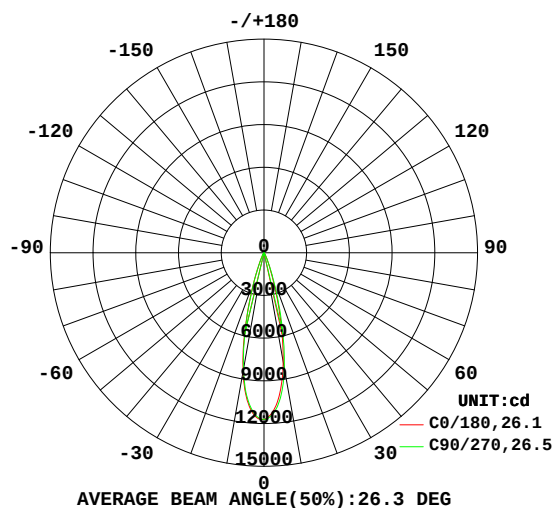


LUMINAIRE PHOTOMETRIC TEST REPORT

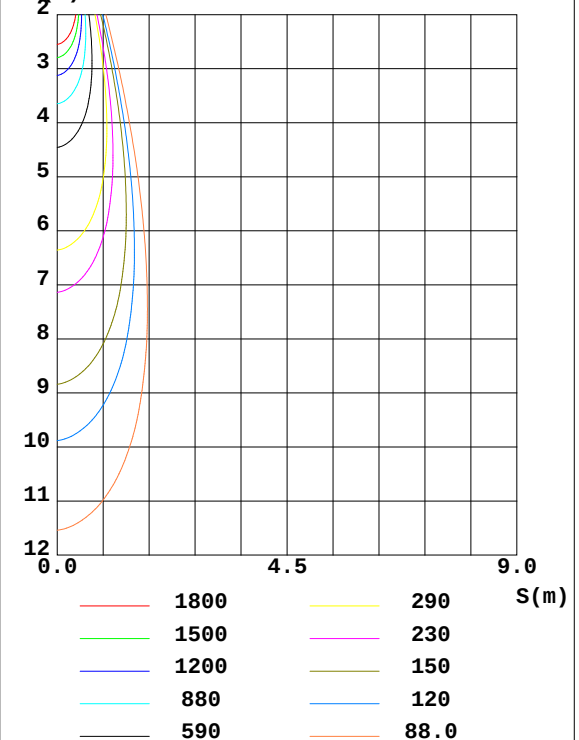
NAME: VM090	TYPE:	WEIGHT:1
SPEC.:BR 3000K 34W 90CRI 24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 79.11 lm/W			
MODEL		Imax(cd)	11723	S/MH(C0/180)	0.43
NOMINAL POWER(W)	34	LOR(%)	119.4	S/MH(C90/270)	0.43
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	2672.5	η UP, DN(C0-180)	1.5, 57.6
NOMINAL FLUX(lm)	2239.14	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.8, 58.5
LAMPS INSIDE	1	η up(%)	3.3	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	230	η down(%)	116.1	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:

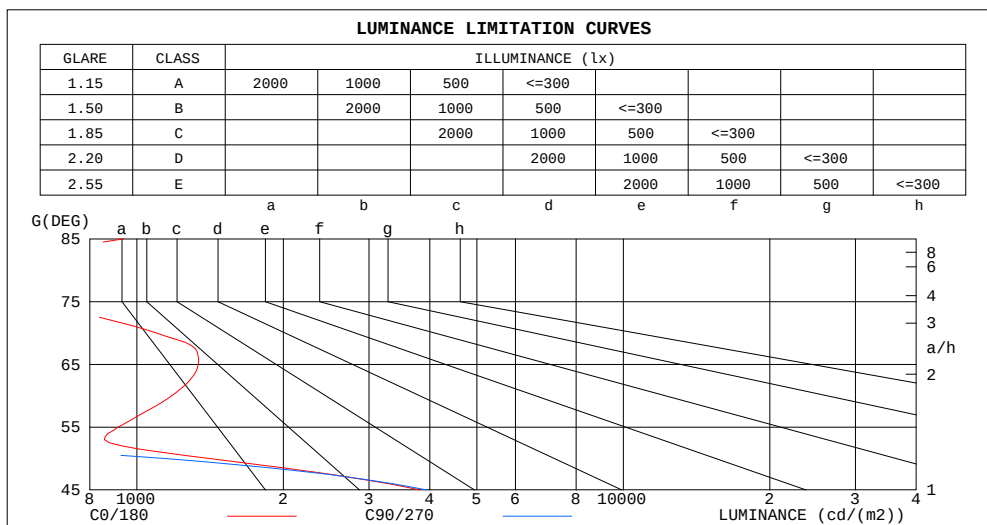
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	778.1	791.2	823.0	846.3	847.6	847.0	832.5	802.0	0- 10	950.2	950.2	35.6, 42.4
20	149.6	157.7	168.5	172.8	178.5	184.9	178.9	161.5	10- 20	1213	2163	80.9, 96.6
30	21.78	23.28	23.10	23.68	24.15	26.28	24.18	22.76	20- 30	303.6	2467	92.3, 110
40	6.179	7.122	6.595	7.517	7.065	8.125	7.093	7.161	30- 40	82.49	2549	95.4, 114
50	0.9949	1.999	0.8045	2.267	1.294	2.600	2.091	2.147	40- 50	30.62	2580	96.5, 115
60	0.6495	0.1071	0.0920	0.1162	0.6303	0.6618	2.680	0.6943	50- 60	7.787	2588	96.8, 116
70	0.4126	0.0602	0.0530	0.0579	0.4685	1.373	1.769	1.231	60- 70	7.380	2595	97.1, 116
80	0.0717	0.0596	0.0594	0.0586	0.0694	0.1381	0.1658	0.1231	70- 80	3.256	2598	97.2, 116
90	0.0896	0.0688	0.0694	0.0706	0.0831	0.1869	0.2840	0.1757	80- 90	1.224	2599	97.3, 116
100	0.1299	0.0982	0.0877	0.0958	0.1264	0.2285	0.2969	0.2492	90-100	1.517	2601	97.3, 116
110	0.1643	0.1088	0.1012	0.1087	0.1591	0.2391	0.3430	0.2393	100-110	1.935	2603	97.4, 116
120	0.2044	0.2111	0.1871	0.1985	0.1903	0.3070	0.5724	0.3249	110-120	2.110	2605	97.5, 116
130	0.9398	0.7907	0.7335	0.7328	0.8503	1.030	1.453	0.9710	120-130	4.585	2610	97.6, 117
140	2.496	2.144	2.076	2.034	2.546	2.029	3.380	2.130	130-140	12.23	2622	98.1, 117
150	3.619	3.587	3.552	3.513	3.540	3.542	3.685	3.617	140-150	18.71	2641	98.8, 118
160	4.168	4.080	4.050	4.074	4.170	4.152	4.147	4.157	150-160	18.28	2659	99.5, 119
170	3.236	3.154	3.147	3.182	3.345	3.340	3.371	3.293	160-170	10.92	2670	99.9, 119
180	2.392	2.512	2.468	2.494	2.394	2.513	2.471	2.495	170-180	2.741	2672	100, 119
DEG	LUMINOUS INTENSITY: $\times 10\text{cd}$									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
 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	940	680
80	375	310
75	592	192
70	1096	141
65	1337	117
60	1180	167
55	915	205
50	1406	1135
45	3822	3939

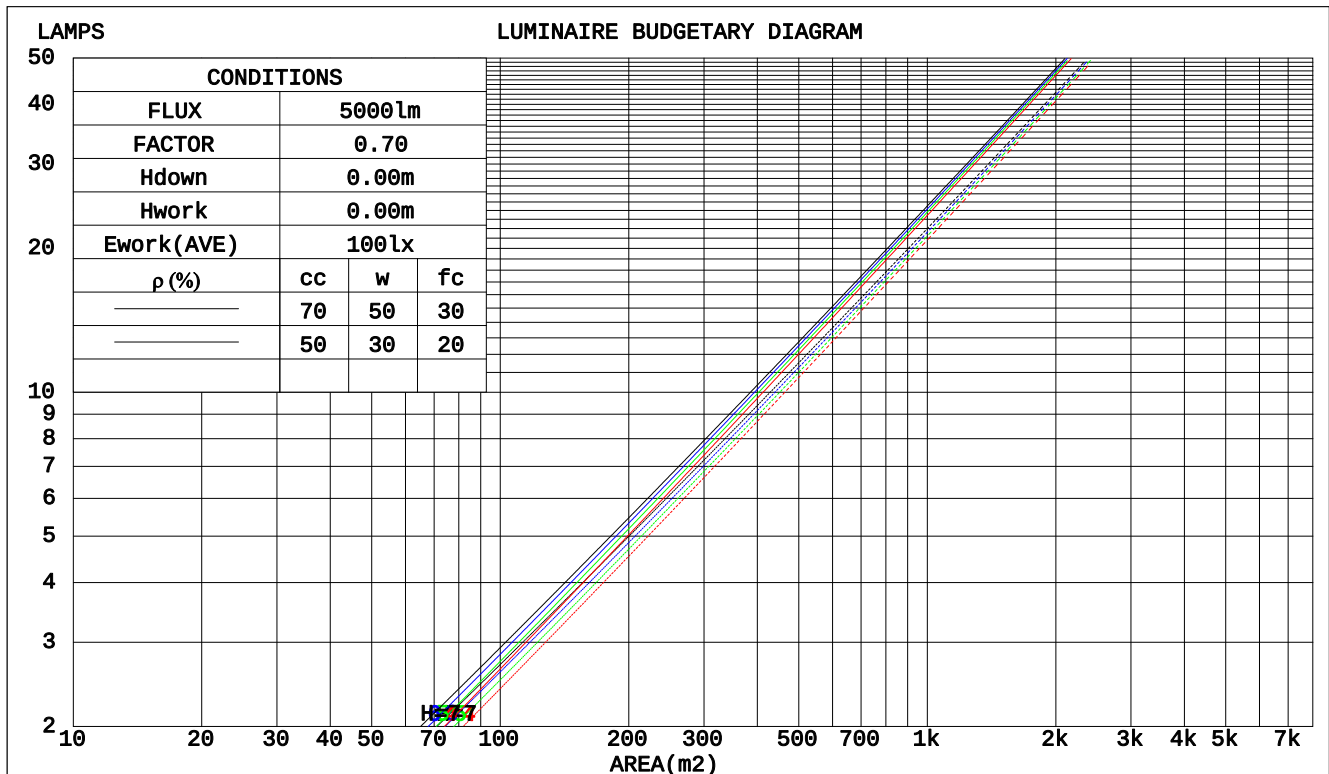
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 28DEG
 Operators: LGL
 Test Date: 2020-08-26

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	1.41	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	1.31	1.29	1.31	1.29	1.27	1.26	1.24	1.23	1.21	1.19	1.18	1.16	1.15	1.14	1.12
2.0	1.27	1.24	1.21	1.25	1.22	1.19	1.21	1.18	1.16	1.17	1.15	1.13	1.13	1.12	1.10	1.09
3.0	1.22	1.18	1.14	1.20	1.16	1.13	1.17	1.13	1.11	1.14	1.11	1.09	1.11	1.09	1.07	1.05
4.0	1.17	1.12	1.09	1.16	1.11	1.08	1.13	1.09	1.06	1.10	1.07	1.05	1.08	1.05	1.03	1.02
5.0	1.13	1.08	1.04	1.12	1.07	1.04	1.09	1.05	1.02	1.07	1.04	1.01	1.05	1.02	1.00	.99
6.0	1.09	1.04	1.00	1.08	1.03	.99	1.06	1.02	.99	1.04	1.01	.98	1.03	.99	.97	.96
7.0	1.05	1.00	.97	1.05	.99	.97	1.03	.99	.96	1.02	.98	.95	1.00	.97	.95	.93
8.0	1.02	.97	.94	1.02	.97	.94	1.00	.96	.93	.99	.95	.93	.98	.95	.92	.91
9.0	.99	.95	.91	.99	.94	.91	.98	.93	.91	.96	.93	.90	.95	.92	.90	.89
10.0	.97	.92	.89	.96	.92	.89	.95	.91	.88	.94	.90	.88	.93	.90	.88	.86



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:

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	.167	.095	.030	.158	.090	.029	.141	.081	.026	.126	.072	.023	.112	.065	.021		
2.0	.154	.084	.026	.146	.081	.025	.132	.074	.023	.120	.067	.021	.108	.061	.019		
3.0	.143	.076	.023	.137	.073	.022	.125	.068	.021	.114	.062	.019	.104	.058	.018		
4.0	.134	.069	.020	.128	.067	.020	.118	.063	.019	.109	.058	.018	.100	.054	.017		
5.0	.126	.064	.019	.121	.062	.018	.112	.058	.017	.104	.055	.016	.097	.052	.016		
6.0	.119	.059	.017	.115	.058	.017	.107	.055	.016	.100	.052	.015	.093	.049	.015		
7.0	.112	.056	.016	.109	.054	.015	.102	.052	.015	.096	.049	.014	.090	.047	.014		
8.0	.107	.052	.015	.104	.051	.014	.098	.049	.014	.092	.047	.013	.087	.045	.013		
9.0	.102	.049	.014	.099	.048	.014	.094	.046	.013	.089	.045	.013	.084	.043	.012		
10.0	.098	.047	.013	.095	.046	.013	.090	.044	.012	.086	.043	.012	.082	.041	.012		

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	.252	.252	.252	.216	.216	.216	.147	.147	.147	.085	.085	.085	.027	.027	.027	
1.0	.226	.213	.202	.194	.183	.173	.132	.126	.120	.076	.073	.070	.024	.023	.023	
2.0	.205	.184	.166	.175	.158	.143	.120	.109	.100	.069	.064	.059	.022	.021	.019	
3.0	.187	.161	.139	.160	.139	.121	.110	.096	.085	.064	.056	.050	.020	.018	.016	
4.0	.172	.142	.119	.148	.123	.104	.102	.086	.073	.059	.050	.043	.019	.016	.014	
5.0	.160	.128	.104	.137	.111	.091	.095	.077	.064	.055	.045	.038	.018	.015	.013	
6.0	.149	.116	.092	.128	.100	.080	.088	.070	.057	.051	.041	.034	.017	.014	.011	
7.0	.140	.106	.082	.121	.092	.072	.083	.065	.051	.048	.038	.030	.016	.012	.010	
8.0	.132	.098	.075	.114	.085	.065	.079	.060	.046	.046	.035	.028	.015	.012	.009	
9.0	.126	.091	.068	.108	.079	.060	.075	.056	.042	.044	.033	.025	.014	.011	.008	
10.0	.120	.086	.063	.103	.074	.055	.072	.052	.039	.042	.031	.023	.014	.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 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		3.6	4.2	3.8	4.4	4.6	3.7	4.4	4.0	4.6	4.7
3H		3.6	4.2	3.9	4.4	4.6	3.6	4.2	3.9	4.4	4.6
4H		3.5	4.1	3.8	4.4	4.6	3.5	4.1	3.8	4.3	4.6
6H		3.5	4.0	3.8	4.3	4.6	3.4	3.9	3.7	4.2	4.5
8H		3.4	4.0	3.8	4.2	4.5	3.4	3.9	3.7	4.2	4.5
12H		3.4	3.9	3.8	4.2	4.5	3.4	3.8	3.7	4.2	4.5
4H 2H		3.4	3.9	3.7	4.2	4.4	3.5	4.1	3.8	4.3	4.6
3H		3.3	3.8	3.7	4.1	4.4	3.3	3.8	3.7	4.1	4.4
4H		3.3	3.7	3.7	4.1	4.4	3.2	3.7	3.6	4.0	4.4
6H		3.2	3.6	3.6	4.0	4.4	3.1	3.5	3.5	3.9	4.3
8H		3.2	3.5	3.6	3.9	4.4	3.1	3.5	3.5	3.9	4.3
12H		3.2	3.5	3.6	3.9	4.4	3.1	3.4	3.5	3.8	4.3
8H 4H		3.1	3.5	3.5	3.9	4.3	3.1	3.4	3.5	3.8	4.2
6H		3.0	3.3	3.5	3.8	4.3	3.0	3.3	3.4	3.7	4.2
8H		3.0	3.3	3.5	3.8	4.2	2.9	3.2	3.4	3.7	4.2
12H		3.1	3.3	3.6	3.8	4.3	3.0	3.2	3.5	3.7	4.2
12H 4H		3.1	3.4	3.5	3.8	4.3	3.0	3.3	3.5	3.8	4.2
6H		3.0	3.3	3.5	3.7	4.2	2.9	3.2	3.4	3.7	4.1
8H		3.0	3.2	3.5	3.7	4.2	2.9	3.1	3.4	3.6	4.1
Variations with the observer position at spacings:											
S = 1.0H		+ 2.4 / - 7.6					+ 2.6 / -11.2				
1.5H		+ 4.2 / - 8.7					+ 4.5 / -10.6				
2.0H		+ 5.5 / - 5.7					+ 6.2 / - 6.5				

CIE Pub.117, 2239 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 2.8$)

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 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:

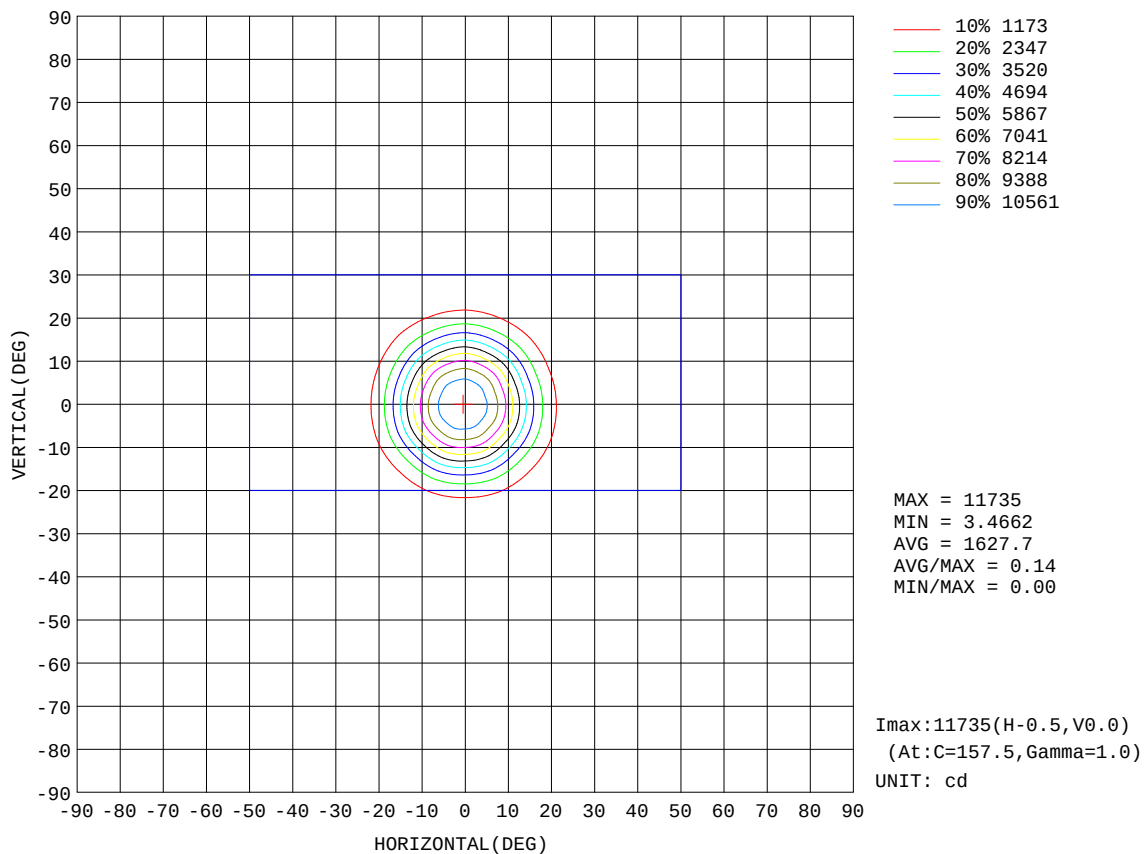
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	106	99	95	105	99	95	104	98	94	90
0.80	114	108	104	113	107	103	112	106	103	99
1.00	119	113	109	118	112	108	116	111	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	123	129	125	122	125	122	120	112
3.00	133	129	126	131	127	124	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 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:

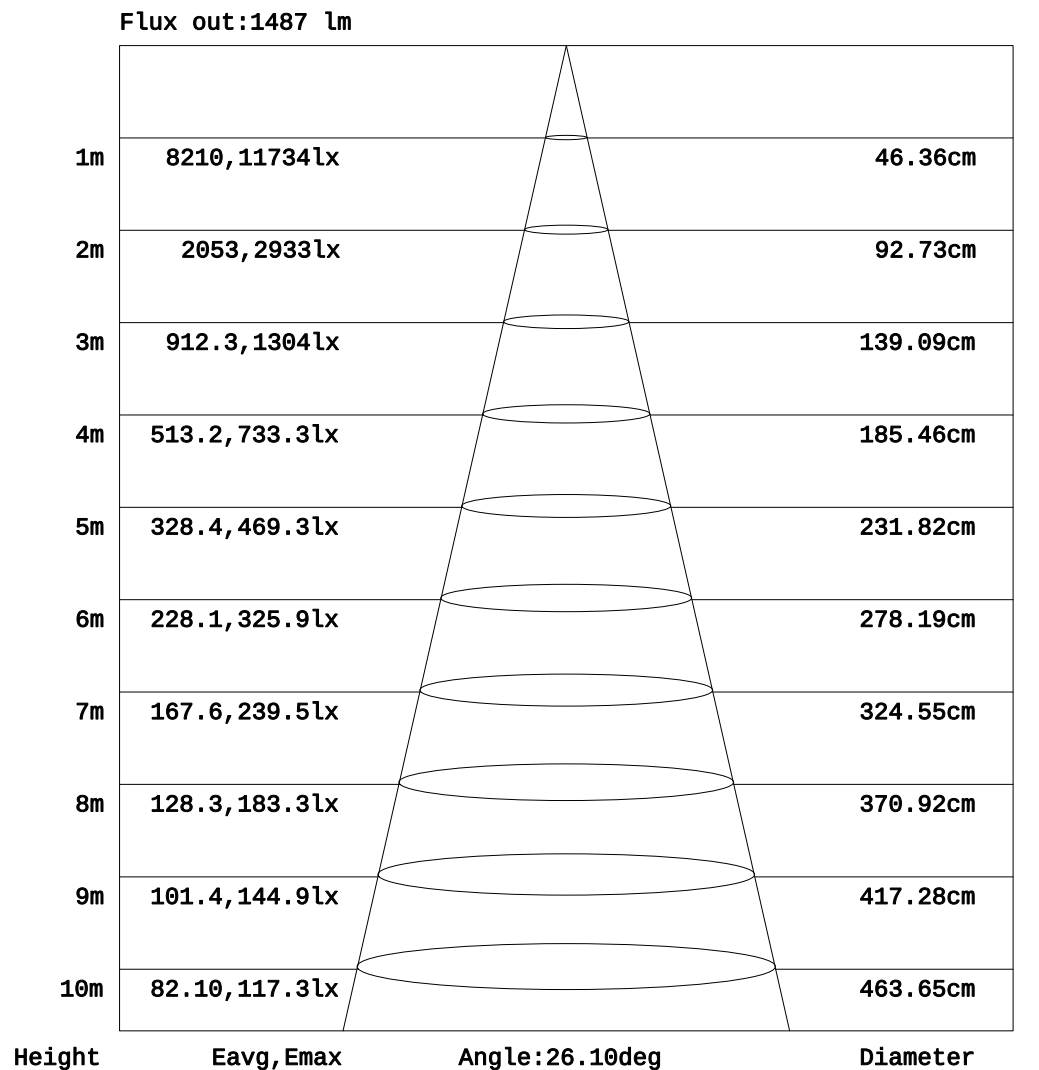


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:LGL
 Test Date:2020-08-26

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:



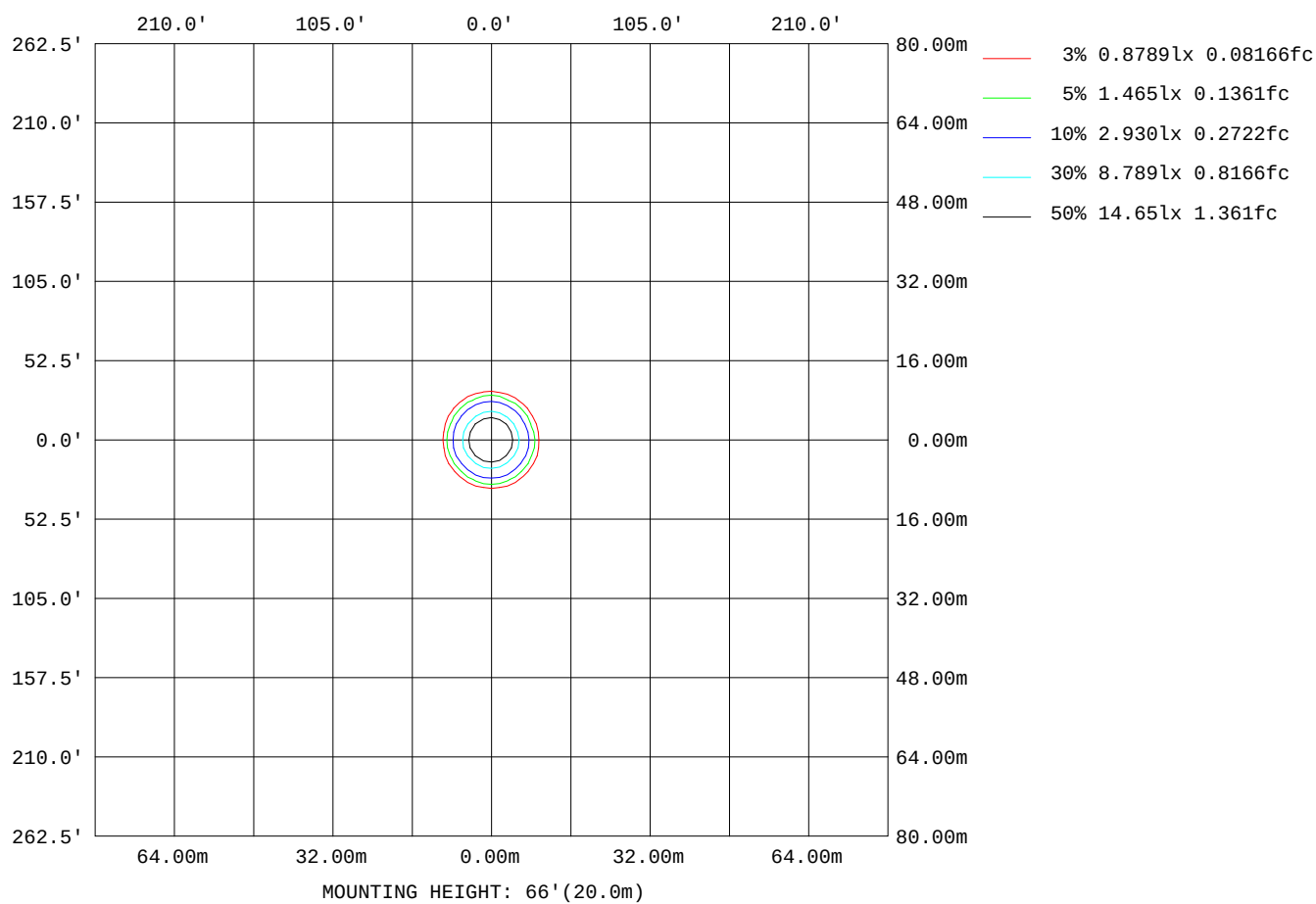
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:

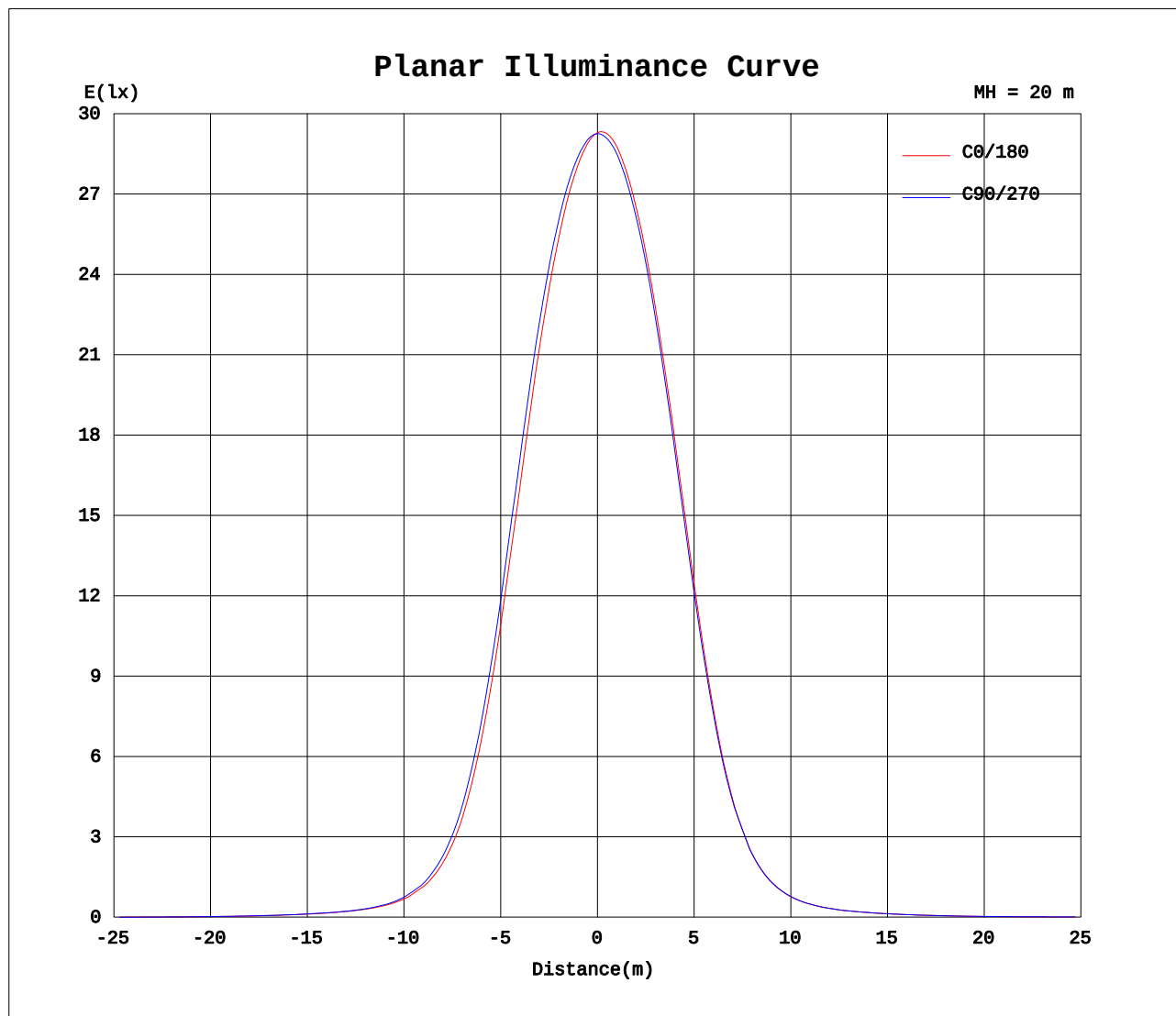
AvgL	cd/m2
L_0~180(65)av	1337
L_0~180(75)av	662
L_0~180(85)av	864
L_90~270(65)av	2855
L_90~270(75)av	1257
L_90~270(85)av	1846
L_45(65)av	1497
L_45(75)av	1219
L_45(85)av	1173

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 28DEG
 Operators: LGL
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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(°) γ (°)	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	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170	1170			
5	1058	1063	1065	1080	1083	1096	1097	1107	1100	1095	1098	1087	1087	1074	1070	1056			
10	778	789	791	820	823	848	846	863	848	839	847	830	832	808	802	774			
15	409	420	421	448	448	471	467	486	473	465	476	457	461	435	429	402			
20	150	161	158	173	169	178	173	184	178	175	185	174	179	162	161	145			
25	52.6	53.8	56.3	58.6	57.7	58.8	57.6	59.7	58.5	59.8	62.9	60.7	59.1	56.0	53.3	50.6			
30	21.8	23.1	23.3	24.2	23.1	23.9	23.7	24.4	24.2	24.8	26.3	25.2	24.2	23.0	22.8	21.3			
35	11.5	12.1	12.2	12.6	12.1	12.8	12.7	13.0	12.8	13.2	14.0	13.3	12.9	12.3	12.2	11.5			
40	6.18	6.89	7.12	7.09	6.60	7.44	7.52	7.49	7.07	7.72	8.13	7.72	7.09	7.20	7.16	6.55			
45	2.97	3.45	4.18	3.49	3.07	3.81	4.53	3.89	3.51	4.10	4.99	4.05	3.72	3.76	4.29	3.29			
50	0.99	1.32	2.00	1.29	0.80	1.52	2.27	1.60	1.29	1.77	2.60	2.13	2.09	2.02	2.15	1.30			
55	0.58	0.26	0.53	0.18	0.13	0.25	0.72	0.35	0.57	0.43	1.03	1.36	2.13	1.43	0.80	0.41			
60	0.65	0.22	0.11	0.10	0.09	0.10	0.12	0.25	0.63	0.39	0.66	2.09	2.68	2.12	0.69	0.47			
65	0.62	0.16	0.07	0.06	0.05	0.06	0.08	0.22	0.62	0.52	1.30	2.18	2.61	2.11	1.34	0.54			
70	0.41	0.09	0.06	0.06	0.05	0.06	0.06	0.12	0.47	0.58	1.37	1.67	1.77	1.56	1.23	0.51			
75	0.17	0.06	0.06	0.06	0.05	0.06	0.06	0.07	0.21	0.30	0.73	0.68	0.66	0.58	0.55	0.20			
80	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.09	0.14	0.16	0.17	0.15	0.12	0.09			
85	0.09	0.07	0.06	0.07	0.07	0.07	0.06	0.07	0.08	0.11	0.16	0.22	0.29	0.23	0.16	0.10			
90	0.09	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.11	0.19	0.24	0.28	0.23	0.18	0.11			
95	0.11	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.10	0.14	0.19	0.24	0.28	0.23	0.21	0.13			
100	0.13	0.10	0.10	0.09	0.09	0.09	0.10	0.10	0.13	0.18	0.23	0.25	0.30	0.24	0.25	0.25			
105	0.15	0.11	0.11	0.10	0.10	0.10	0.11	0.11	0.14	0.29	0.27	0.27	0.31	0.26	0.28	0.34			
110	0.16	0.12	0.11	0.10	0.10	0.10	0.11	0.12	0.16	0.33	0.24	0.31	0.34	0.29	0.24	0.31			
115	0.20	0.14	0.13	0.13	0.13	0.13	0.12	0.13	0.18	0.37	0.15	0.36	0.39	0.37	0.15	0.23			
120	0.20	0.19	0.21	0.21	0.19	0.20	0.20	0.18	0.19	0.36	0.31	0.26	0.57	0.26	0.32	0.26			
125	0.39	0.40	0.41	0.38	0.37	0.37	0.38	0.35	0.36	0.80	0.65	0.55	0.45	0.59	0.67	0.75			
130	0.94	0.81	0.79	0.74	0.73	0.71	0.73	0.72	0.85	1.38	1.03	0.80	1.45	0.84	0.97	1.27			
135	1.58	1.41	1.39	1.33	1.33	1.29	1.29	1.33	1.70	2.19	1.35	1.55	2.54	1.59	1.44	1.84			
140	2.50	2.17	2.14	2.08	2.08	2.03	2.03	2.04	2.55	3.03	2.03	2.34	3.38	2.38	2.13	3.05			
145	3.13	2.93	2.93	2.87	2.87	2.82	2.83	2.77	2.84	3.70	2.84	2.92	3.64	2.97	2.95	3.63			
150	3.62	3.59	3.59	3.55	3.55	3.52	3.51	3.50	3.54	3.61	3.54	3.57	3.68	3.61	3.62	3.67			
155	4.06	4.03	4.00	3.98	3.99	3.97	3.96	3.97	4.03	4.02	4.00	4.04	4.09	4.08	4.05	4.09			
160	4.17	4.13	4.08	4.06	4.05	4.04	4.07	4.12	4.17	4.18	4.15	4.13	4.15	4.15	4.16	4.21			
165	3.89	3.84	3.78	3.76	3.72	3.73	3.80	3.90	3.95	3.99	3.93	3.88	3.89	3.89	3.89	3.93			
170	3.24	3.19	3.15	3.19	3.15	3.17	3.18	3.29	3.35	3.37	3.34	3.34	3.37	3.34	3.29	3.27			
175	2.57	2.57	2.64	2.63	2.60	2.61	2.67	2.68	2.66	2.73	2.78	2.73	2.73	2.74	2.74	2.65			
180	2.39	2.41	2.51	2.47	2.47	2.47	2.49	2.43	2.39	2.41	2.51	2.47	2.47	2.47	2.49	2.43			

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