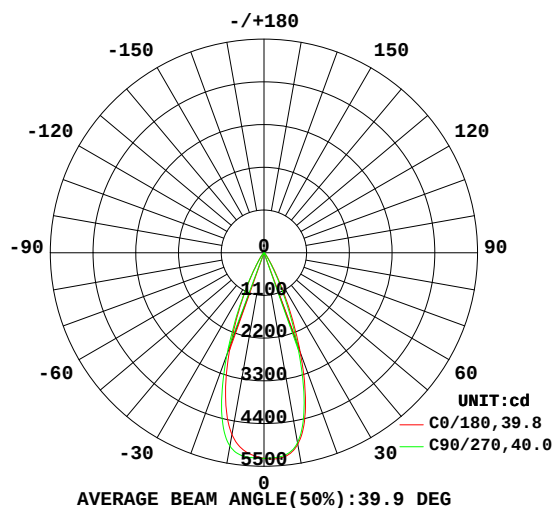


LUMINAIRE PHOTOMETRIC TEST REPORT

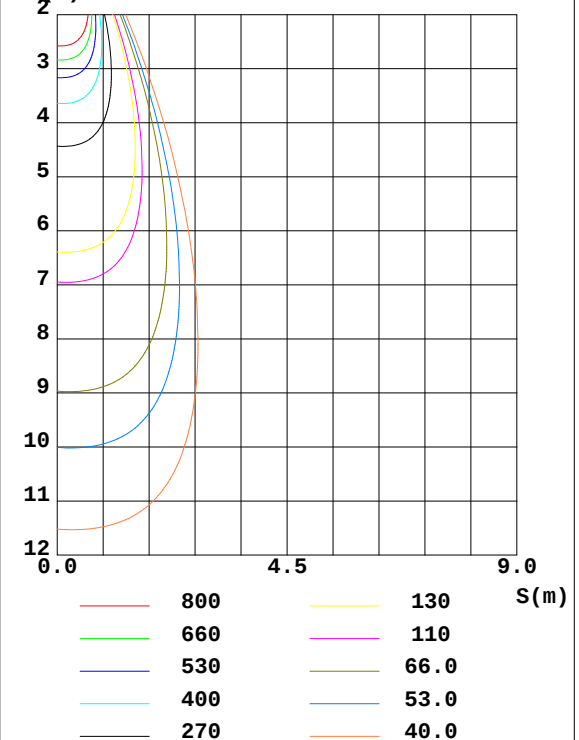
NAME: VM090	TYPE:	WEIGHT:1
SPEC.:BR 3000K 34W 90CRI 38D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 72.16 lm/W			
MODEL		Imax(cd)	5318	S/MH(C0/180)	0.61
NOMINAL POWER(W)	34	LOR(%)	119.8	S/MH(C90/270)	0.62
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	2482.7	η UP, DN(C0-180)	1.7, 58.1
NOMINAL FLUX(lm)	2071.64	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.5, 58.5
LAMPS INSIDE	1	η up(%)	3.2	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	230	η down(%)	116.6	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:

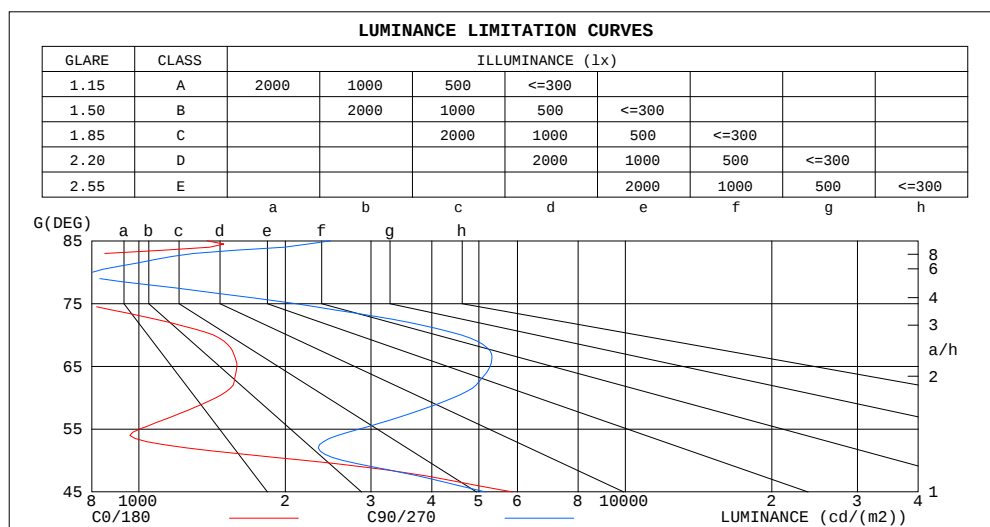
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	5009	5025	4968	4819	4753	4895	5053	5091	0- 10	492.4	492.4	19.8, 23.8
20	2731	2612	2515	2475	2521	2663	2784	2833	10- 20	1086	1579	63.6, 76.2
30	581.2	548.8	480.9	516.3	532.3	543.6	537.4	563.7	20- 30	627.5	2206	88.9, 107
40	103.7	103.3	88.93	99.78	97.91	104.5	98.03	105.9	30- 40	148.7	2355	94.9, 114
50	15.53	26.04	18.61	25.30	12.67	27.49	12.83	27.64	40- 50	40.48	2396	96.5, 116
60	7.922	8.826	24.44	5.915	4.694	0.9546	0.8787	1.111	50- 60	8.206	2404	96.8, 116
70	5.352	15.04	17.35	12.15	3.349	0.4694	0.4642	0.5259	60- 70	7.747	2412	97.1, 116
80	0.8740	1.355	1.537	1.102	0.6104	0.5033	0.5305	0.5465	70- 80	3.370	2415	97.3, 117
90	1.122	1.843	2.272	1.447	0.7232	0.6092	0.6211	0.6239	80- 90	1.148	2416	97.3, 117
100	1.256	1.942	2.226	2.114	1.076	0.8521	0.7915	0.8940	90-100	1.344	2417	97.4, 117
110	1.658	2.632	2.934	2.775	1.592	1.296	1.183	1.315	100-110	1.725	2419	97.4, 117
120	3.768	3.333	4.189	3.332	3.882	3.065	2.830	2.938	110-120	2.568	2422	97.5, 117
130	9.652	12.00	11.16	14.95	9.934	9.253	8.641	8.870	120-130	5.907	2428	97.8, 117
140	22.42	18.72	27.99	19.20	21.35	18.78	18.19	18.25	130-140	11.96	2440	98.3, 118
150	29.16	29.27	30.11	29.64	29.70	29.23	28.88	28.79	140-150	15.73	2455	98.9, 119
160	34.62	34.15	33.81	34.21	34.77	34.85	34.66	34.76	150-160	15.06	2470	99.5, 119
170	31.35	30.69	30.31	30.29	31.03	31.14	31.95	31.69	160-170	9.493	2480	99.9, 120
180	29.07	29.67	29.43	29.80	29.08	29.74	29.46	29.81	170-180	2.860	2483	100, 120
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 38D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1381	2478
80	458	802
75	768	2094
70	1423	4598
65	1590	5272
60	1441	4432
55	1004	2840
50	2196	2624
45	5860	5157

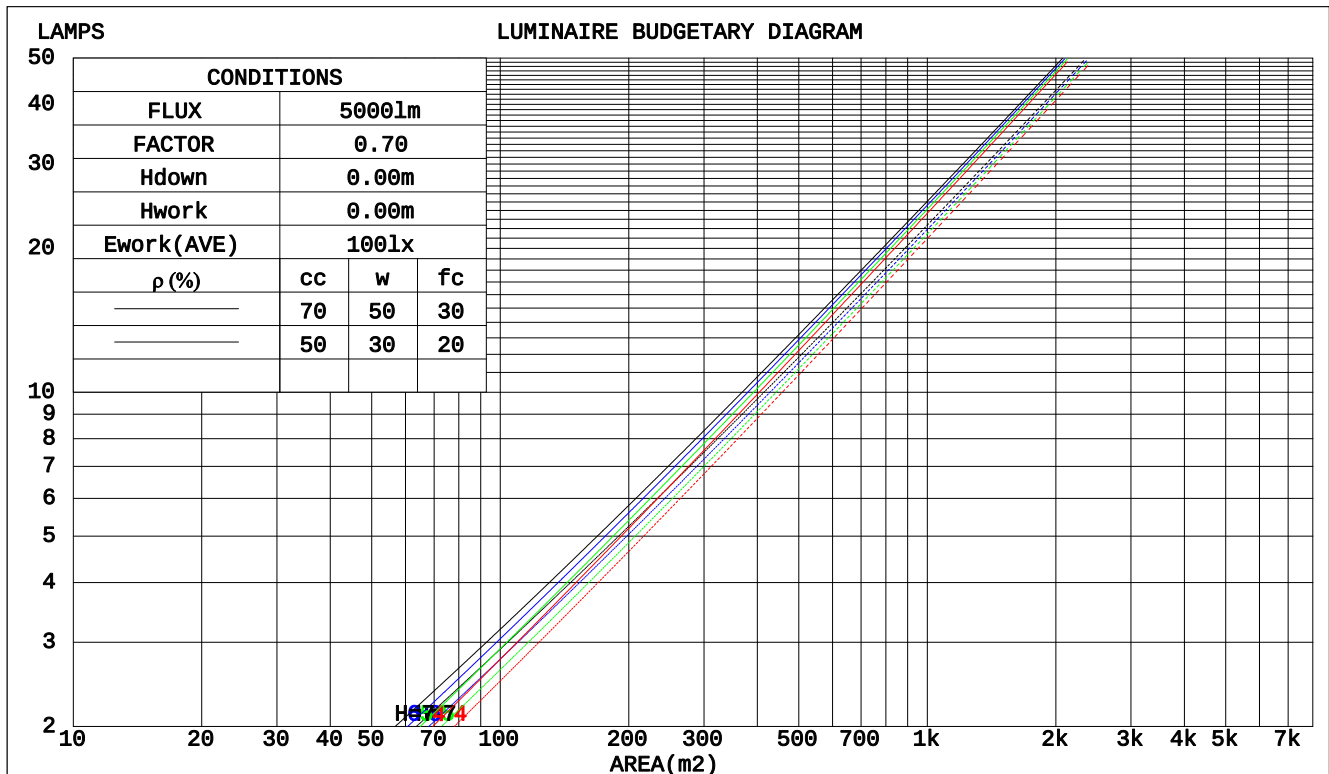
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 28DEG
 Operators: HTJ
 Test Date: 2020-08-26

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 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	1.42	1.42	1.42	1.38	1.38	1.38	1.31	1.31	1.31	1.25	1.25	1.25	1.19	1.19	1.19	1.17
1.0	1.33	1.31	1.28	1.30	1.28	1.26	1.25	1.23	1.22	1.20	1.19	1.17	1.16	1.15	1.14	1.11
2.0	1.26	1.22	1.18	1.24	1.20	1.17	1.19	1.16	1.14	1.15	1.13	1.11	1.12	1.10	1.08	1.06
3.0	1.19	1.14	1.10	1.17	1.13	1.09	1.14	1.10	1.07	1.11	1.08	1.05	1.08	1.05	1.03	1.01
4.0	1.13	1.08	1.03	1.12	1.07	1.03	1.09	1.05	1.01	1.06	1.03	1.00	1.04	1.01	0.98	0.97
5.0	1.08	1.02	0.98	1.07	1.01	0.97	1.04	0.99	0.96	1.02	0.98	0.95	0.99	0.97	0.94	0.92
6.0	1.03	0.97	0.93	1.02	0.96	0.92	0.99	0.95	0.92	0.98	0.94	0.91	0.96	0.93	0.90	0.88
7.0	0.99	0.93	0.88	0.98	0.92	0.88	0.96	0.91	0.88	0.94	0.90	0.87	0.93	0.89	0.86	0.85
8.0	0.94	0.89	0.85	0.94	0.88	0.84	0.92	0.87	0.84	0.91	0.86	0.83	0.90	0.86	0.83	0.81
9.0	0.91	0.85	0.81	0.90	0.85	0.81	0.89	0.84	0.80	0.88	0.83	0.80	0.86	0.82	0.80	0.78
10.0	0.87	0.82	0.78	0.87	0.81	0.78	0.86	0.81	0.77	0.84	0.80	0.77	0.83	0.79	0.77	0.75



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 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	.187	.106	.034	.178	.101	.032	.161	.092	.030	.146	.084	.027	.131	.076	.025		
2.0	.175	.096	.029	.167	.092	.028	.153	.085	.026	.140	.079	.025	.128	.073	.023		
3.0	.164	.088	.026	.158	.085	.025	.146	.079	.024	.135	.074	.023	.125	.069	.021		
4.0	.155	.081	.024	.150	.078	.023	.139	.074	.022	.130	.070	.021	.121	.066	.020		
5.0	.147	.075	.022	.142	.073	.021	.133	.069	.020	.125	.066	.020	.117	.062	.019		
6.0	.140	.070	.020	.136	.068	.020	.128	.065	.019	.120	.062	.018	.113	.060	.018		
7.0	.133	.066	.019	.130	.065	.018	.122	.062	.018	.116	.059	.017	.110	.057	.017		
8.0	.127	.062	.017	.124	.061	.017	.118	.059	.017	.112	.057	.016	.106	.055	.016		
9.0	.122	.059	.016	.119	.058	.016	.113	.056	.016	.108	.054	.015	.103	.052	.015		
10.0	.117	.056	.016	.114	.055	.015	.109	.054	.015	.104	.052	.015	.100	.050	.014		

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	.253	.253	.253	.216	.216	.216	.147	.147	.147	.085	.085	.085	.027	.027	.027	
1.0	.228	.213	.200	.195	.183	.172	.133	.126	.119	.077	.073	.069	.025	.023	.022	
2.0	.208	.184	.163	.178	.158	.141	.122	.109	.099	.070	.064	.058	.023	.021	.019	
3.0	.191	.161	.137	.164	.139	.118	.113	.096	.083	.065	.056	.049	.021	.018	.016	
4.0	.178	.143	.116	.153	.124	.101	.105	.086	.071	.061	.050	.042	.020	.016	.014	
5.0	.166	.129	.101	.143	.111	.088	.098	.078	.062	.057	.046	.037	.018	.015	.012	
6.0	.156	.117	.089	.134	.101	.077	.093	.071	.055	.054	.042	.033	.017	.014	.011	
7.0	.148	.108	.079	.127	.093	.069	.088	.065	.049	.051	.039	.029	.017	.013	.010	
8.0	.141	.100	.072	.121	.087	.063	.084	.061	.044	.049	.036	.027	.016	.012	.009	
9.0	.134	.093	.066	.116	.081	.057	.080	.057	.041	.047	.034	.024	.015	.011	.008	
10.0	.129	.088	.061	.111	.076	.053	.077	.054	.038	.045	.032	.023	.015	.010	.007	

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 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	
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	8.6	9.4	8.8	9.6	9.8	8.5	9.3	8.7	9.5	9.7	
3H	8.7	9.4	9.0	9.6	9.9	9.7	10.3	9.9	10.6	10.8	
4H	8.7	9.4	9.0	9.6	9.9	9.8	10.4	10.1	10.7	11.0	
6H	8.6	9.2	9.0	9.5	9.8	9.7	10.3	10.1	10.6	10.9	
8H	8.6	9.2	8.9	9.5	9.8	9.7	10.3	10.0	10.6	10.9	
12H	8.6	9.1	8.9	9.4	9.8	9.7	10.3	10.0	10.6	10.9	
4H 2H	8.6	9.3	8.9	9.5	9.8	8.5	9.2	8.8	9.5	9.7	
3H	8.9	9.5	9.3	9.8	10.1	9.9	10.5	10.3	10.8	11.1	
4H	9.0	9.5	9.4	9.8	10.2	10.1	10.6	10.5	11.0	11.3	
6H	8.9	9.4	9.3	9.7	10.1	10.1	10.5	10.5	10.9	11.3	
8H	8.8	9.3	9.3	9.7	10.1	10.0	10.5	10.5	10.9	11.3	
12H	8.8	9.2	9.3	9.6	10.1	10.0	10.4	10.5	10.9	11.3	
8H 4H	9.0	9.4	9.4	9.8	10.2	10.1	10.5	10.5	10.9	11.3	
6H	8.9	9.3	9.4	9.7	10.2	10.0	10.4	10.5	10.8	11.3	
8H	8.9	9.2	9.4	9.7	10.2	10.0	10.3	10.5	10.8	11.3	
12H	8.9	9.2	9.4	9.6	10.2	10.1	10.3	10.6	10.8	11.3	
12H 4H	8.9	9.3	9.4	9.8	10.2	10.0	10.4	10.5	10.8	11.3	
6H	8.9	9.2	9.4	9.7	10.1	10.0	10.3	10.5	10.7	11.2	
8H	8.8	9.1	9.4	9.6	10.1	9.9	10.2	10.5	10.7	11.2	
Variations with the observer position at spacings:											
S = 1.0H	+ 2.2 / - 3.4					+ 1.0 / - 1.4					
1.5H	+ 4.0 / - 3.7					+ 2.5 / - 2.1					
2.0H	+ 3.5 / - 2.0					+ 1.2 / - 1.8					

CIE Pub.117, 2072 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 2.5$)

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 38D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

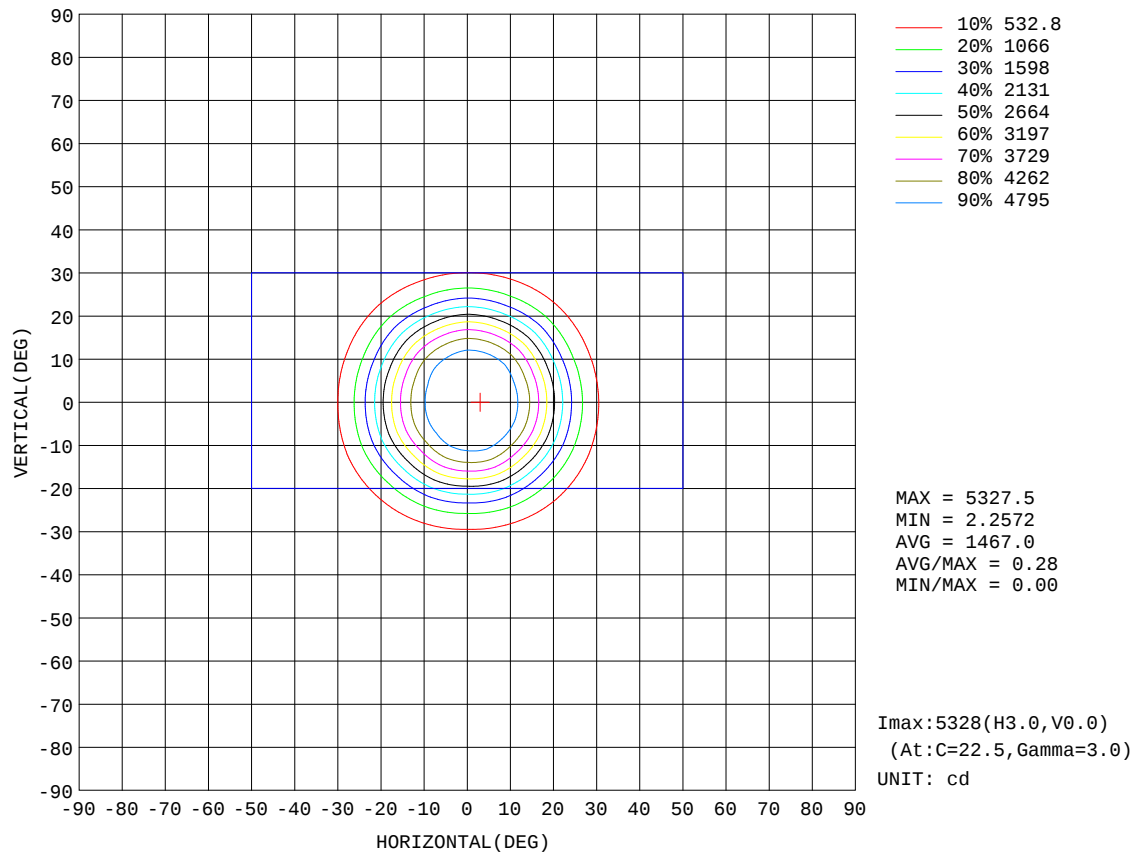
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	106	99	95	105	99	94	104	98	94	90
0.80	115	108	104	114	107	103	112	106	103	98
1.00	119	113	109	118	112	108	116	112	108	103
1.25	124	118	114	122	117	113	120	115	112	107
1.50	127	121	118	125	120	117	122	118	115	110
2.00	130	125	121	128	123	120	124	121	118	111
2.50	132	127	124	130	126	123	125	122	120	112
3.00	133	130	126	131	128	125	127	124	122	113
4.00	136	133	130	133	130	128	128	126	124	115
5.00	137	135	133	135	132	130	129	128	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: 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 38D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

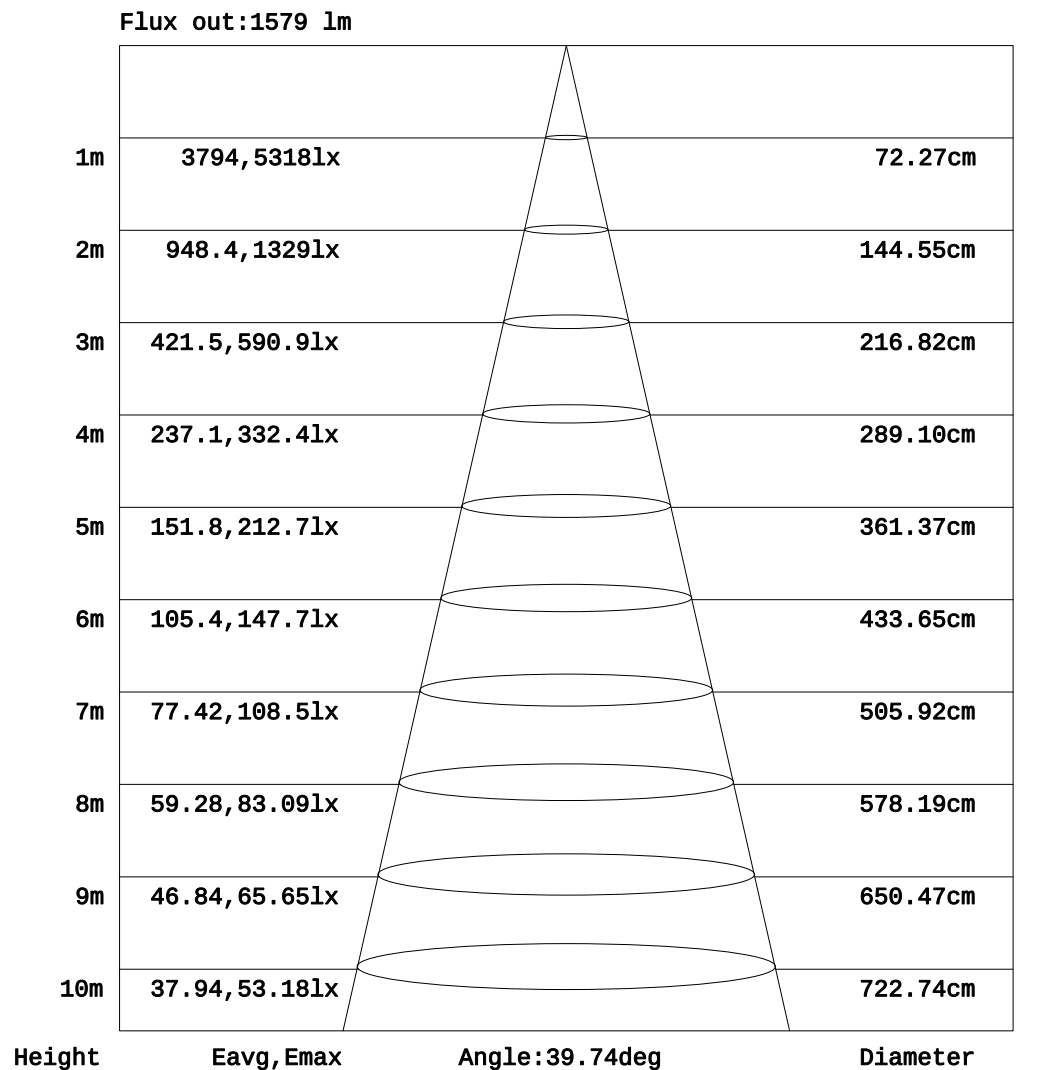


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
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γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

AAI Figure

NAME: VM090	TYPE:	WEIGHT:1
SPEC.:BR 3000K 34W 90CRI 38D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



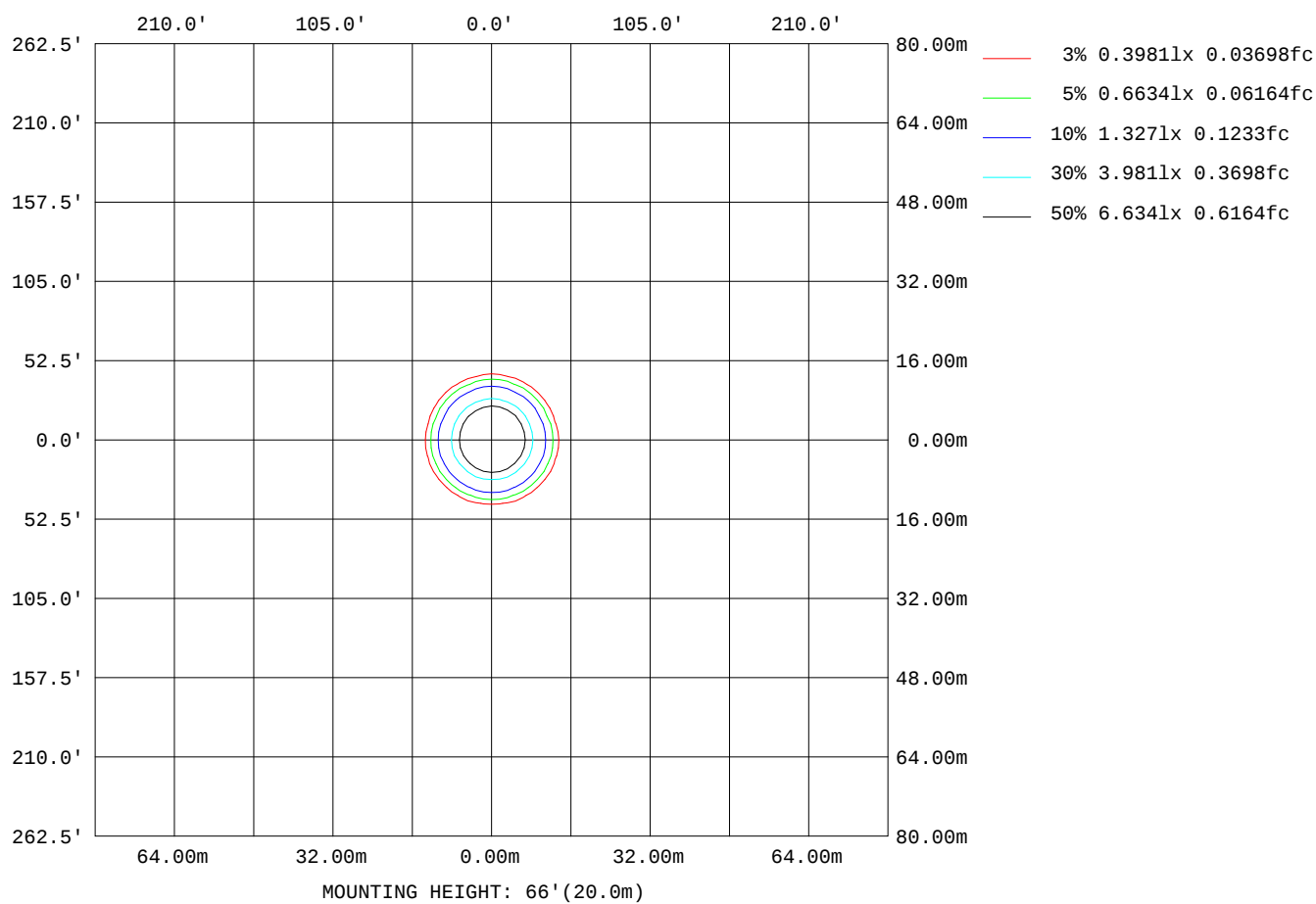
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 34W 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:

LED Avg.L Report

NAME: VM090	TYPE:	WEIGHT:1
SPEC.:BR 3000K 34W 90CRI 38D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

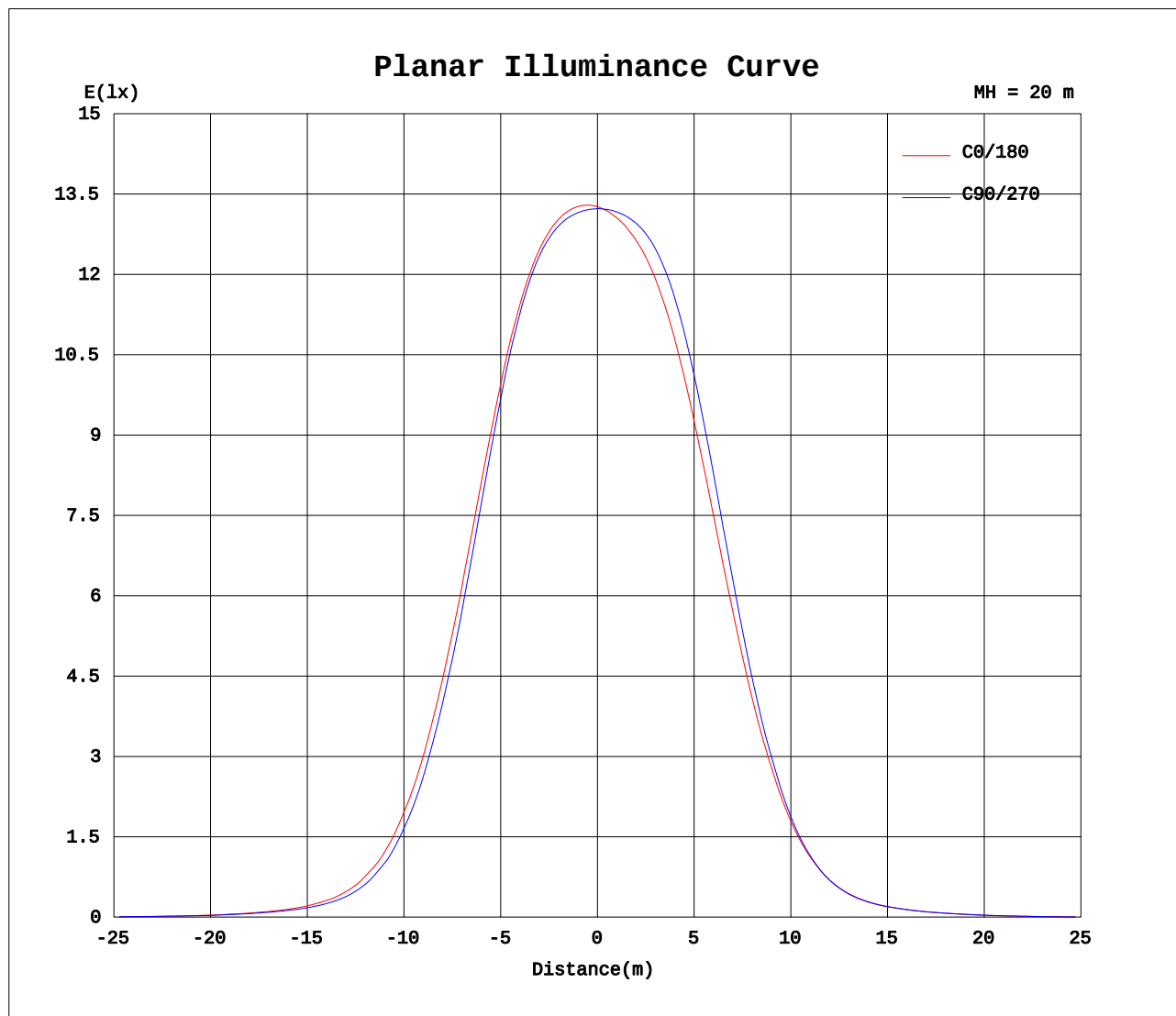
AvgL	cd/m2
L_0~180(65)av	1334
L_0~180(75)av	624
L_0~180(85)av	1059
L_90~270(65)av	2687
L_90~270(75)av	1133
L_90~270(85)av	1537
L_45(65)av	1490
L_45(75)av	1122
L_45(85)av	1108

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 28DEG
 Operators: HTJ
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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: 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 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	5295	5295	5295	5295	5295	5295	5295	5295	5295	5295	5295	5295	5295	5295	5295	5295			
5	5296	5303	5298	5290	5260	5227	5188	5166	5153	5164	5203	5239	5274	5296	5306	5298			
10	5009	5031	5025	5035	4968	4915	4819	4791	4753	4784	4895	4971	5053	5077	5091	5026			
15	4130	4132	4074	4096	4001	3969	3859	3876	3832	3868	4022	4097	4219	4220	4253	4144			
20	2731	2711	2612	2614	2515	2534	2475	2546	2521	2532	2663	2684	2784	2767	2833	2731			
25	1406	1409	1315	1294	1217	1260	1246	1319	1300	1292	1365	1338	1394	1375	1437	1384			
30	581	579	549	511	481	502	516	549	532	532	544	527	537	547	564	560			
35	228	229	214	200	187	196	202	218	210	207	211	201	207	209	217	214			
40	104	109	103	95.2	88.9	98.1	99.8	101	97.9	103	104	97.8	98.0	103	106	100			
45	45.6	56.2	55.6	44.1	40.2	51.2	54.5	47.0	42.3	53.2	57.8	46.2	44.1	54.5	58.1	45.8			
50	15.5	23.6	26.0	19.4	18.6	23.1	25.3	16.8	12.7	20.7	27.5	14.8	12.8	22.4	27.6	15.3			
55	6.33	5.84	9.14	15.0	18.0	11.0	7.18	6.76	3.99	3.78	7.35	1.38	1.28	4.29	7.81	2.73			
60	7.92	6.29	8.83	21.5	24.4	14.6	5.92	9.44	4.69	1.31	0.95	0.88	0.88	0.99	1.11	3.11			
65	7.39	10.4	15.1	23.2	24.6	19.1	11.3	9.27	5.04	0.85	0.64	0.50	0.46	0.61	0.73	2.95			
70	5.35	10.6	15.0	17.7	17.3	15.9	12.1	6.35	3.35	0.57	0.47	0.49	0.46	0.51	0.53	1.71			
75	2.19	5.10	6.49	6.48	5.98	6.23	5.32	2.09	1.37	0.49	0.47	0.47	0.49	0.50	0.52	0.83			
80	0.87	1.15	1.36	1.52	1.54	1.40	1.10	0.85	0.61	0.51	0.50	0.50	0.53	0.52	0.55	0.64			
85	1.32	1.26	1.73	2.13	2.38	1.99	1.43	0.95	0.71	0.53	0.54	0.54	0.57	0.56	0.56	0.63			
90	1.12	1.37	1.84	2.20	2.27	1.87	1.45	0.97	0.72	0.55	0.61	0.57	0.62	0.59	0.62	0.62			
95	1.29	1.50	1.82	2.14	2.20	1.88	1.80	1.11	0.89	0.74	0.72	0.67	0.71	0.70	0.73	0.73			
100	1.26	1.88	1.94	2.23	2.23	1.96	2.11	1.78	1.08	0.88	0.85	0.77	0.79	0.79	0.89	0.90			
105	1.38	2.45	2.14	2.41	2.43	2.19	2.46	2.21	1.23	1.04	1.04	0.93	0.93	0.91	1.05	1.03			
110	1.66	3.44	2.63	2.84	2.93	2.72	2.78	2.01	1.59	1.33	1.30	1.19	1.18	1.18	1.31	1.34			
115	2.31	4.26	2.06	3.83	3.84	4.13	2.41	2.63	2.29	1.95	1.77	1.74	1.64	1.71	1.72	2.06			
120	3.77	4.85	3.33	3.53	4.19	3.72	3.33	3.84	3.88	3.30	3.07	3.08	2.83	3.10	2.94	3.21			
125	5.62	5.64	8.05	5.81	8.90	6.11	9.51	5.92	6.02	5.75	5.63	5.45	5.21	5.40	5.40	5.42			
130	9.65	15.7	12.0	11.5	11.2	13.5	14.9	13.0	9.93	9.57	9.25	9.00	8.64	8.81	8.87	9.48			
135	15.1	16.9	15.4	15.0	20.4	15.2	14.8	18.0	15.8	14.3	13.6	13.5	13.1	13.2	13.2	14.7			
140	22.4	27.6	18.7	20.8	28.0	19.9	19.2	24.8	21.3	19.4	18.8	18.5	18.2	18.2	18.3	19.6			
145	24.6	28.8	24.6	24.9	30.0	24.9	26.5	25.5	25.4	24.6	24.3	24.0	23.6	23.6	23.7	24.2			
150	29.2	31.5	29.3	29.2	30.1	29.4	29.6	32.6	29.7	29.6	29.2	29.2	28.9	28.9	28.8	29.2			
155	32.8	32.8	32.8	33.0	33.6	33.1	32.9	33.0	33.4	33.3	33.1	33.1	33.0	32.9	32.8	33.0			
160	34.6	34.5	34.2	33.9	33.8	33.8	34.2	34.4	34.8	34.9	34.8	34.5	34.7	34.6	34.8	34.8			
165	34.0	33.7	33.1	33.0	32.6	32.6	33.0	33.7	33.9	34.0	33.9	33.6	34.4	34.0	34.1	34.0			
170	31.4	30.9	30.7	30.7	30.3	30.3	30.3	30.9	31.0	31.3	31.1	31.2	31.9	31.9	31.7	31.5			
175	29.3	29.2	29.4	29.0	28.6	28.8	29.3	29.1	28.9	29.7	29.9	29.6	29.9	30.4	30.4	29.8			
180	29.1	29.2	29.7	29.3	29.4	29.6	29.8	29.3	29.1	29.2	29.7	29.3	29.5	29.6	29.8	29.3			

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