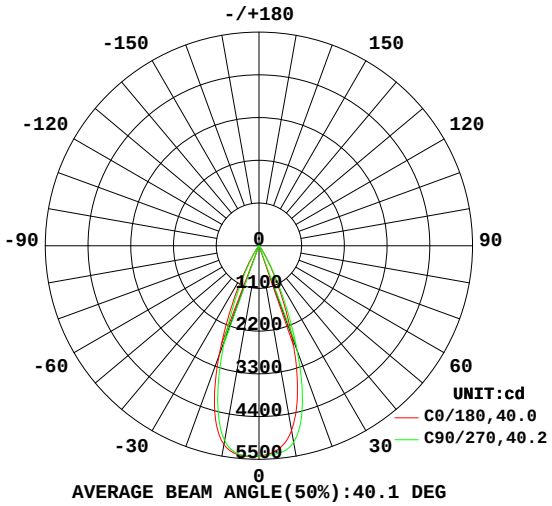
LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: vM090	TYPE:	WEIGHT:1
SPEC.:BR 3000K 34W 90CRI 38D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

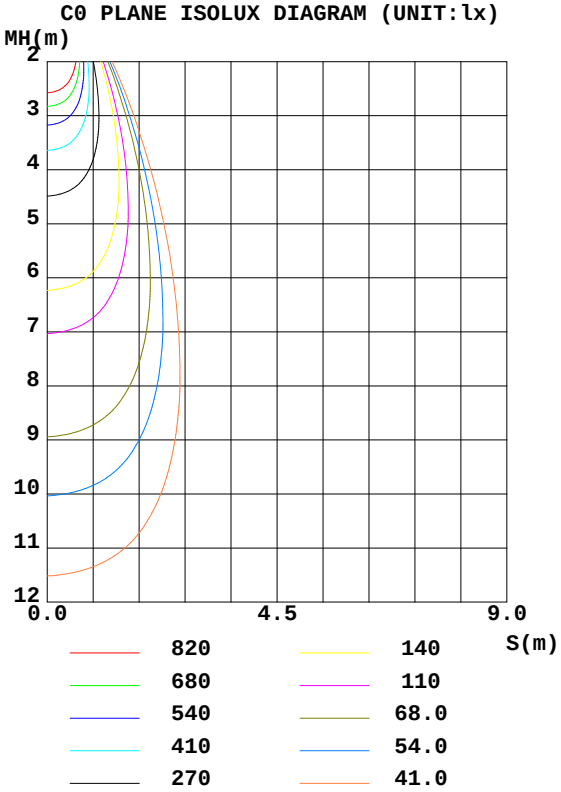
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 73.39 lm/W	
MODEL		Imax(cd)	5431	S/MH(C0/180)	0.64
NOMINAL POWER(W)	34	LOR(%)	98.0	S/MH(C90/270)	0.60
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	2484.1	η UP,DN(C0-180)	1.2,48.9
NOMINAL FLUX(lm)	2534.71	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.2,46.7
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	230	η down(%)	95.6	CIBSE SHR MAX	0.65

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):40.1 DEG

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 GO-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	4829	4909	5138	5243	5197	5141	5094	4959	0- 10	503.6	503.6	20.3,19.9
20	2469	2614	2873	3040	3005	2807	2599	2443	10- 20	1117	1620	65.2,63.9
30	501.5	537.9	570.3	589.8	583.1	537.2	444.7	425.3	20- 30	645.6	2266	91.2,89.4
40	44.06	46.79	48.65	51.23	49.97	46.48	39.48	39.42	30- 40	115.2	2381	95.9,93.9
50	17.08	17.85	18.11	17.55	17.43	17.06	16.21	16.22	40- 50	20.27	2401	96.7,94.7
60	8.701	9.138	9.191	8.763	8.654	8.591	8.286	8.208	50- 60	11.02	2412	97.1,95.2
70	4.514	4.750	4.773	4.547	4.382	4.344	4.249	4.177	60- 70	6.298	2419	97.4,95.4
80	2.002	2.104	2.128	2.058	1.947	1.890	1.876	1.826	70- 80	3.298	2422	97.5,95.5
90	0.5266	0.5186	0.5408	0.5707	0.4706	0.4522	0.4687	0.4521	80- 90	1.255	2423	97.5,95.6
100	0.5610	0.5558	0.5591	0.5560	0.5480	0.5428	0.5615	0.5428	90-100	0.5634	2424	97.6,95.6
110	0.8265	0.8022	0.7620	0.7483	0.8236	0.8280	0.8517	0.8361	100-110	0.6722	2424	97.6,95.6
120	3.001	2.819	2.551	2.444	2.655	2.794	2.953	3.064	110-120	1.516	2426	97.7,95.7
130	9.568	9.111	8.535	8.183	8.340	8.728	9.298	9.639	120-130	4.851	2431	97.9,95.9
140	19.60	19.07	18.24	17.71	17.93	18.45	19.21	19.73	130-140	10.43	2441	98.3,96.3
150	30.35	29.69	28.94	28.47	28.84	29.35	30.08	30.50	140-150	15.08	2456	98.9,96.9
160	35.61	34.87	34.40	34.51	35.21	35.29	35.32	35.59	150-160	15.23	2472	99.5,97.5
170	31.66	31.35	31.36	31.50	32.36	32.11	31.88	31.66	160-170	9.665	2481	99.9,97.9
180	29.75	30.47	30.11	30.33	29.79	30.51	30.15	30.37	170-180	2.929	2484	100,98
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

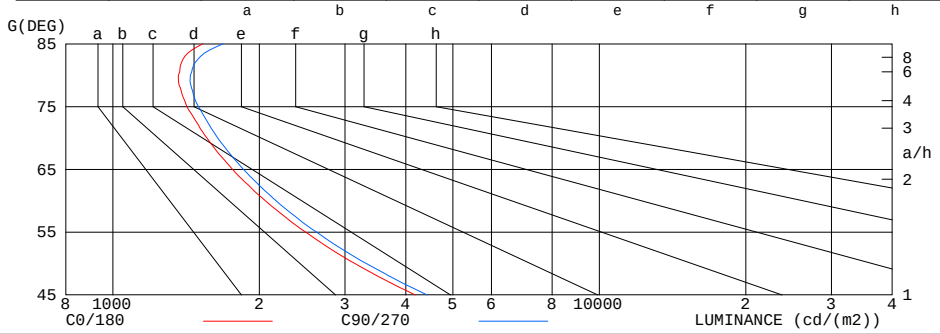
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

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

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1531	1686
80	1363	1443
75	1420	1500
70	1560	1643
65	1761	1855
60	2058	2164
55	2490	2621
50	3142	3316
45	4181	4427

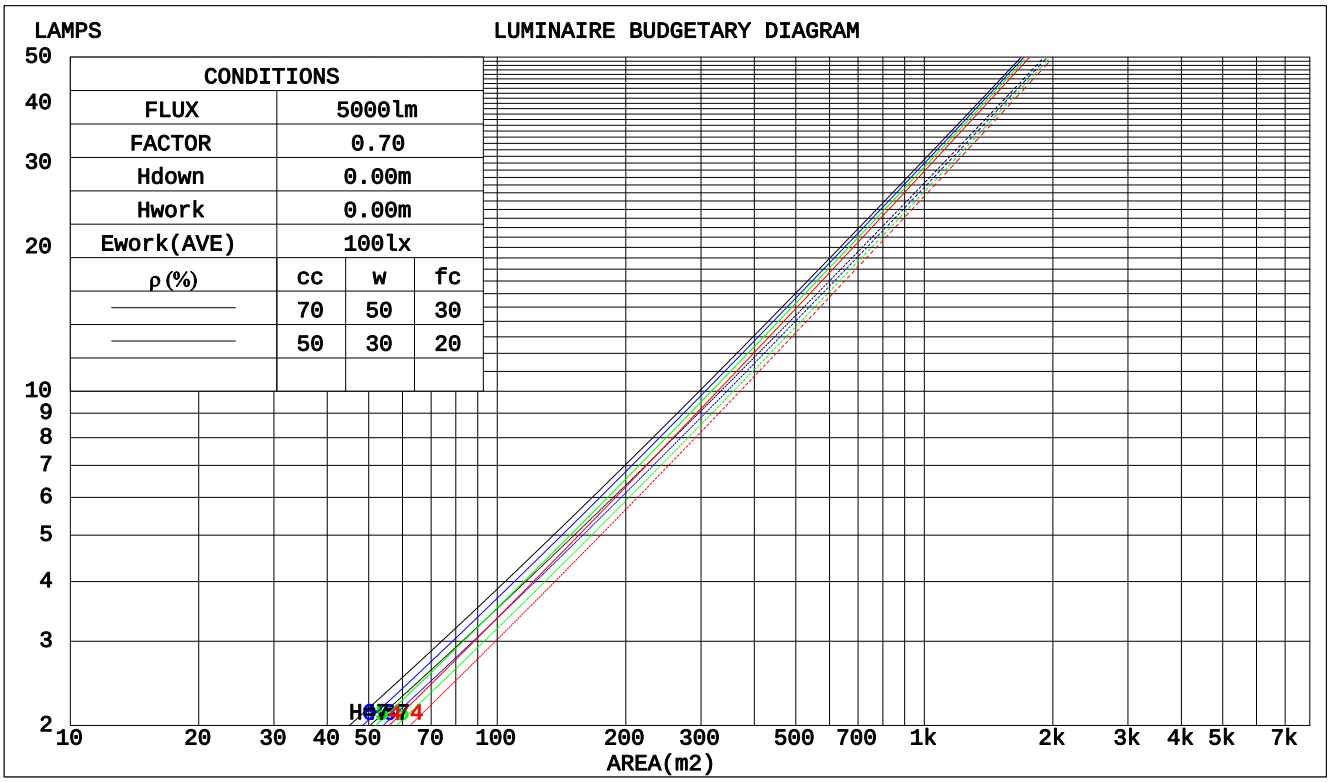
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:HTJ
Test Date:2020-08-26

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-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:

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			Coefficients of Utilization(CU)												
0.0	1.16	1.16	1.16	1.13	1.13	1.13	1.08	1.08	1.08	1.02	1.02	1.02	.98	.98	.98	.96
1.0	1.09	1.07	1.05	1.07	1.05	1.03	1.03	1.01	.00	.98	.97	.96	.95	.94	.93	.91
2.0	1.03	.00	.97	1.01	.98	.96	.98	.95	.93	.95	.93	.91	.92	.90	.89	.87
3.0	.98	.94	.91	.96	.93	.90	.94	.91	.88	.91	.88	.86	.89	.87	.85	.83
4.0	.93	.89	.85	.92	.88	.85	.90	.86	.83	.87	.85	.82	.85	.83	.81	.80
5.0	.89	.84	.81	.88	.84	.80	.86	.82	.79	.84	.81	.79	.82	.80	.78	.76
6.0	.85	.80	.77	.84	.80	.76	.82	.79	.76	.81	.78	.75	.80	.77	.74	.73
7.0	.81	.77	.73	.81	.76	.73	.79	.75	.72	.78	.75	.72	.77	.74	.71	.70
8.0	.78	.73	.70	.77	.73	.70	.76	.72	.69	.75	.72	.69	.74	.71	.69	.68
9.0	.75	.70	.67	.74	.70	.67	.73	.70	.67	.73	.69	.66	.72	.68	.66	.65
10.0	.72	.68	.65	.72	.67	.64	.71	.67	.64	.70	.66	.64	.69	.66	.64	.63



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 GO-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:

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						Wall Exitance Coeffcients(WEC)									
0.0																
1.0	.151	.086	.027	.143	.082	.026	.130	.075	.024	.117	.068	.022	.106	.061	.020	
2.0	.141	.077	.024	.135	.074	.023	.123	.069	.021	.113	.063	.020	.103	.058	.018	
3.0	.132	.070	.021	.127	.068	.020	.117	.064	.019	.108	.059	.018	.100	.055	.017	
4.0	.125	.065	.019	.120	.063	.019	.112	.059	.018	.104	.056	.017	.097	.053	.016	
5.0	.118	.060	.017	.114	.059	.017	.107	.056	.016	.100	.053	.016	.094	.050	.015	
6.0	.112	.056	.016	.109	.055	.016	.102	.053	.015	.096	.050	.015	.091	.048	.014	
7.0	.107	.053	.015	.104	.052	.015	.098	.050	.014	.093	.048	.014	.088	.046	.013	
8.0	.102	.050	.014	.100	.049	.014	.095	.047	.013	.090	.046	.013	.085	.044	.013	
9.0	.098	.047	.013	.096	.047	.013	.091	.045	.013	.087	.044	.012	.083	.042	.012	
10.0	.094	.045	.013	.092	.044	.012	.088	.043	.012	.084	.042	.012	.080	.040	.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	.205	.205	.205	.175	.175	.175	.120	.120	.120	.069	.069	.069	.022	.022	.022	
1.0	.185	.173	.162	.158	.148	.140	.108	.102	.097	.062	.059	.056	.020	.019	.018	
2.0	.168	.149	.132	.144	.128	.114	.099	.088	.080	.057	.051	.047	.018	.017	.015	
3.0	.154	.130	.110	.132	.112	.096	.091	.078	.067	.052	.045	.040	.017	.015	.013	
4.0	.143	.115	.094	.123	.099	.081	.084	.069	.057	.049	.041	.034	.016	.013	.011	
5.0	.133	.103	.081	.115	.089	.071	.079	.062	.050	.046	.037	.030	.015	.012	.010	
6.0	.125	.094	.071	.108	.081	.062	.074	.057	.044	.043	.033	.026	.014	.011	.009	
7.0	.118	.086	.063	.102	.075	.055	.070	.052	.039	.041	.031	.023	.013	.010	.008	
8.0	.113	.080	.057	.097	.069	.050	.067	.049	.035	.039	.029	.021	.013	.009	.007	
9.0	.107	.074	.052	.092	.065	.046	.064	.045	.032	.037	.027	.019	.012	.009	.006	
10.0	.103	.070	.048	.089	.061	.042	.061	.043	.030	.036	.025	.018	.012	.008	.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 GO-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	6.5	7.3	6.8	7.5	7.7	7.0	7.7	7.2	7.9	8.1
	3H	6.6	7.2	6.8	7.5	7.7	7.0	7.7	7.3	7.9	8.1
	4H	6.6	7.2	6.9	7.5	7.7	7.0	7.7	7.3	7.9	8.2
	6H	6.6	7.2	6.9	7.5	7.8	7.0	7.6	7.3	7.9	8.2
	8H	6.6	7.2	6.9	7.5	7.8	7.0	7.6	7.3	7.9	8.2
	12H	6.6	7.1	6.9	7.4	7.8	7.0	7.6	7.3	7.9	8.2
4H	2H	6.4	7.0	6.7	7.3	7.6	6.8	7.5	7.1	7.7	8.0
	3H	6.5	7.1	6.8	7.4	7.7	6.9	7.5	7.3	7.8	8.1
	4H	6.6	7.1	6.9	7.4	7.8	7.0	7.5	7.3	7.8	8.2
	6H	6.6	7.1	7.0	7.4	7.8	7.0	7.5	7.4	7.8	8.2
	8H	6.6	7.1	7.1	7.4	7.9	7.0	7.4	7.5	7.8	8.3
	12H	6.6	7.0	7.1	7.4	7.9	7.0	7.4	7.5	7.8	8.3
8H	4H	6.5	6.9	6.9	7.3	7.7	6.9	7.3	7.3	7.7	8.1
	6H	6.6	6.9	7.1	7.4	7.8	7.0	7.3	7.4	7.8	8.2
	8H	6.6	7.0	7.1	7.4	7.9	7.0	7.3	7.5	7.8	8.3
	12H	6.7	7.0	7.2	7.5	8.0	7.1	7.4	7.6	7.8	8.4
12H	4H	6.4	6.8	6.9	7.2	7.7	6.8	7.2	7.3	7.6	8.1
	6H	6.6	6.9	7.1	7.3	7.8	6.9	7.3	7.4	7.7	8.2
	8H	6.6	6.9	7.1	7.4	7.9	7.0	7.3	7.5	7.8	8.3
Variations with the observer position at spacings:											
S = 1.0H		+ 2.1 / - 1.9					+ 2.1 / - 1.9				
1.5H		+ 3.7 / - 1.6					+ 3.8 / - 1.5				
2.0H		+ 1.3 / - 0.9					+ 1.4 / - 0.8				

CIE Pub.117, 2535 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.2)

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 GO-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:

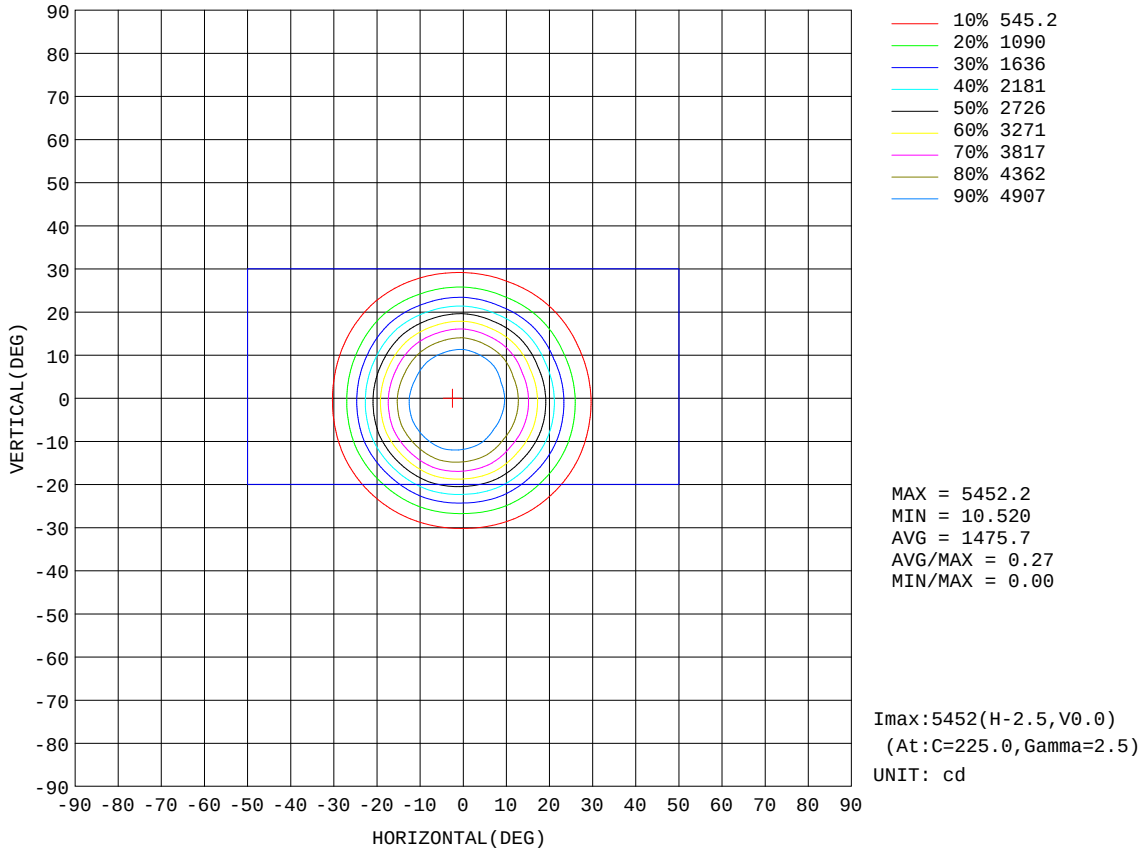
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	87	81	78	87	81	78	86	81	78	74
0.80	94	89	85	93	88	85	92	88	85	81
1.00	98	93	90	97	92	89	95	92	89	85
1.25	102	97	94	100	96	93	98	95	92	88
1.50	104	100	97	103	99	96	100	97	95	90
2.00	106	102	100	105	101	99	102	99	97	91
2.50	108	104	102	106	103	101	103	100	98	92
3.00	109	106	104	107	105	102	104	102	100	93
4.00	111	109	107	109	107	105	105	103	102	94
5.00	112	110	109	110	108	107	106	105	104	95
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 GO-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:



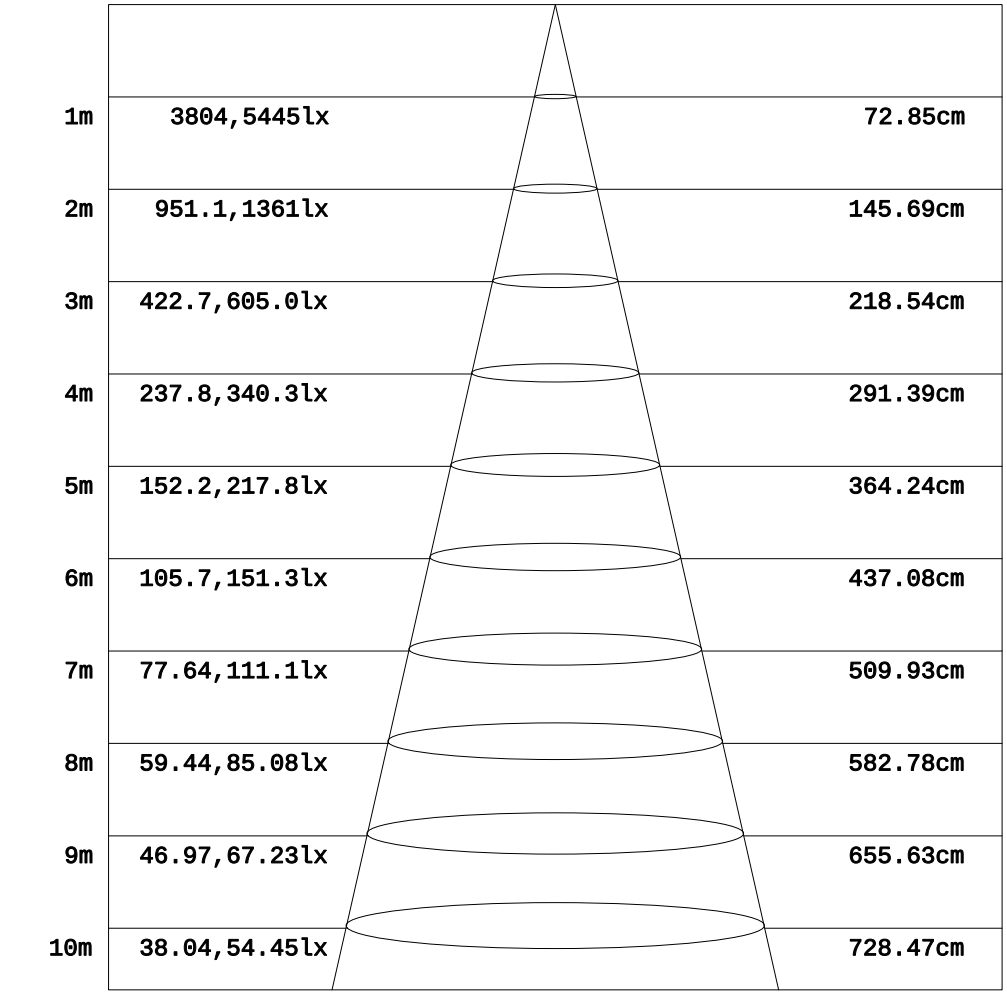
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:HTJ
Test Date:2020-08-26

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-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:

Flux out:1671 lm



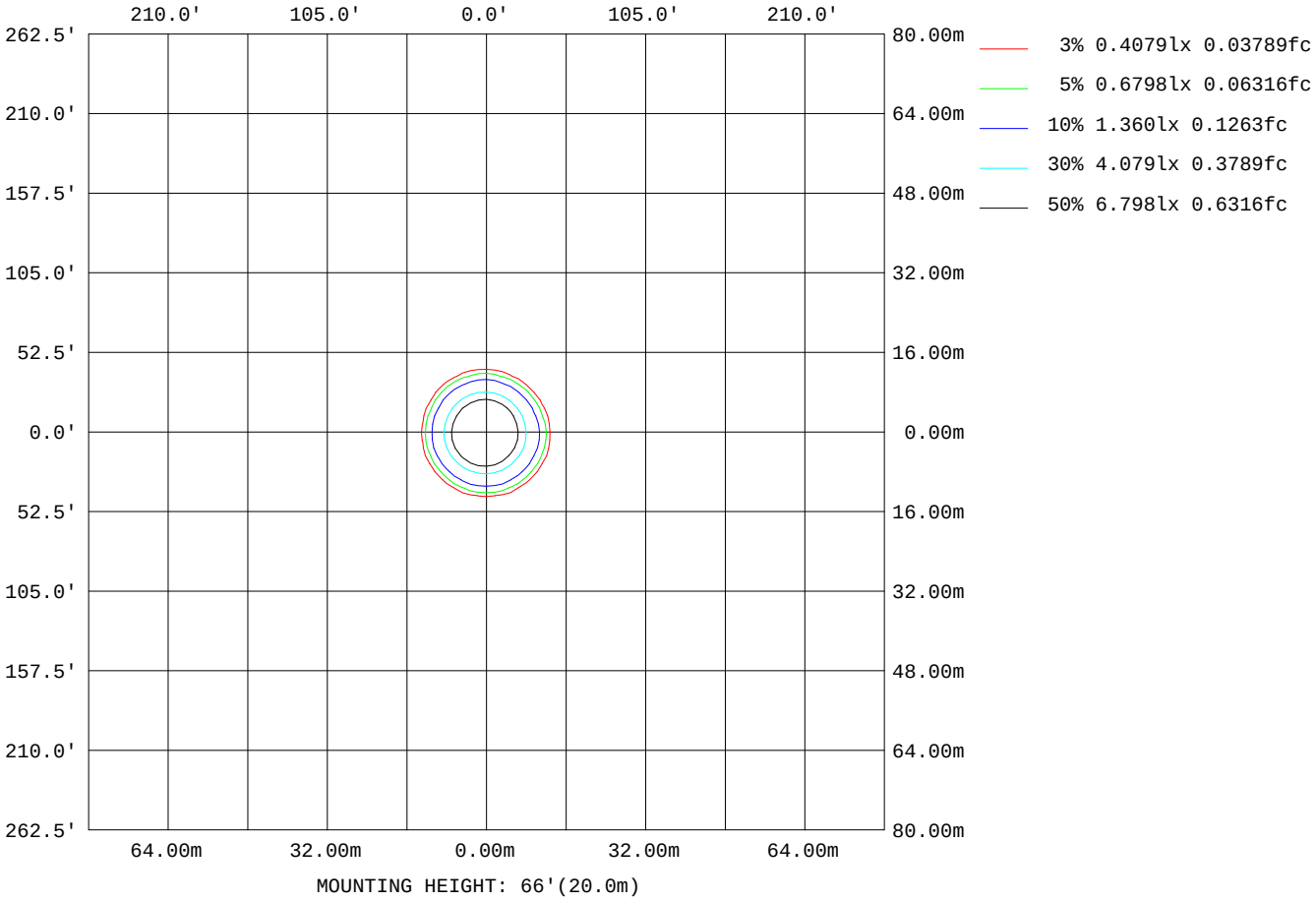
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 GO-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 GO-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:

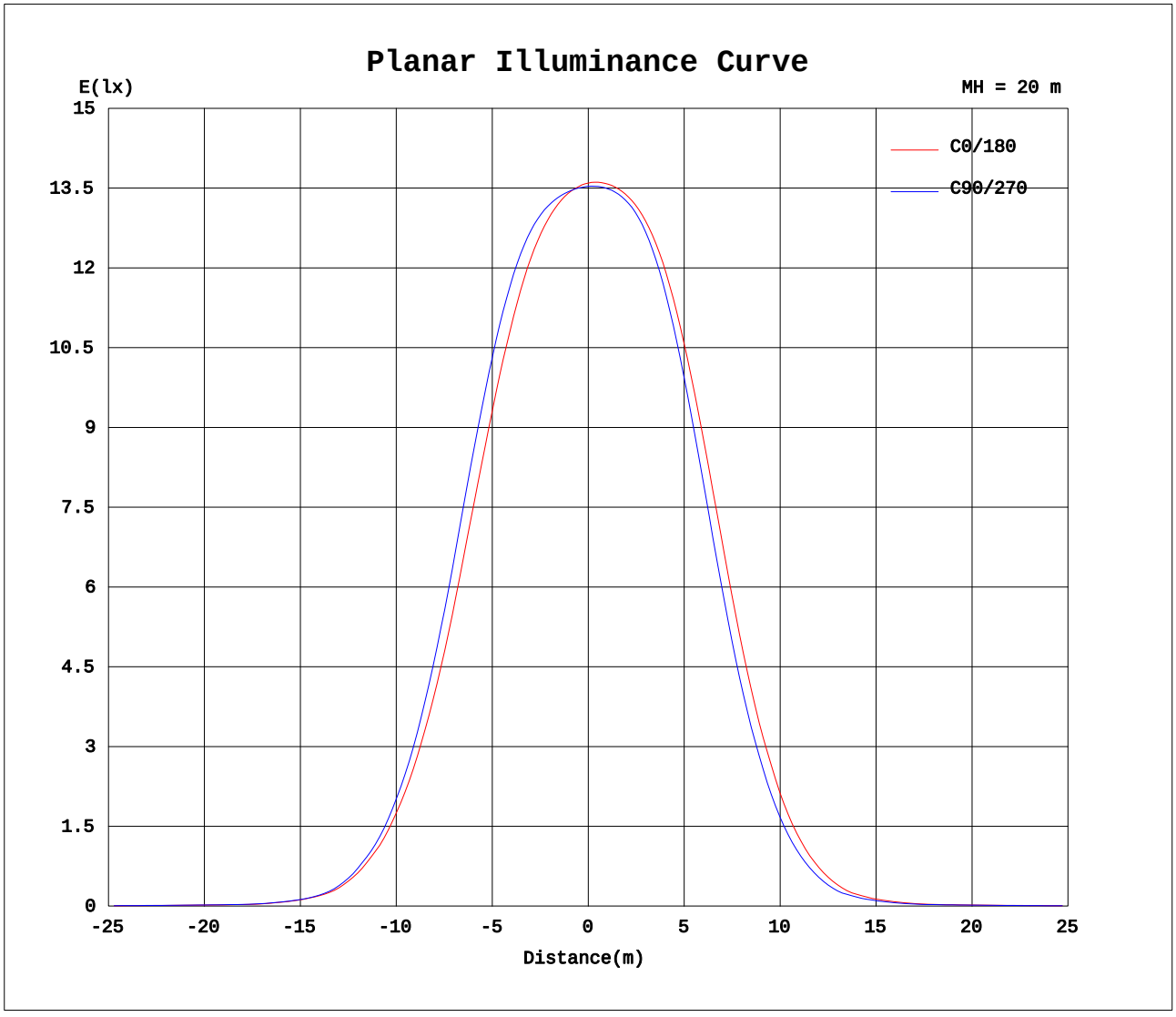
AvgL	cd/m2
L_0~180(65)av	1742
L_0~180(75)av	1395
L_0~180(85)av	1509
L_90~270(65)av	1761
L_90~270(75)av	1419
L_90~270(85)av	1540
L_45(65)av	1744
L_45(75)av	1397
L_45(85)av	1502

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 GO-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
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Test Date:2020-08-26

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-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

γ (DEG) \ C(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	5417	5417	5417	5417	5417	5417	5417	5417	5417	5417	5417	5417	5417	5417	5417	5417			
5	5284	5286	5303	5342	5375	5403	5416	5423	5417	5407	5412	5405	5399	5375	5346	5304			
10	4829	4850	4909	5046	5138	5224	5243	5253	5197	5138	5141	5108	5094	5016	4959	4853			
15	3833	3903	3974	4178	4309	4457	4479	4517	4410	4285	4256	4145	4112	3967	3914	3793			
20	2469	2569	2614	2790	2873	3021	3040	3122	3005	2863	2807	2654	2599	2449	2443	2369			
25	1262	1348	1350	1459	1465	1554	1544	1626	1557	1461	1428	1304	1250	1155	1178	1165			
30	501	531	538	565	570	588	590	613	583	560	537	486	445	405	425	435			
35	144	156	150	162	153	164	156	168	162	154	155	134	125	113	124	123			
40	44.1	47.3	46.8	50.0	48.6	51.5	51.2	52.4	50.0	47.2	46.5	41.2	39.5	37.7	39.4	39.1			
45	25.0	26.0	26.1	26.7	26.6	26.7	26.0	26.2	25.8	25.3	25.0	24.0	23.7	23.4	23.9	23.8			
50	17.1	17.7	17.9	18.2	18.1	18.1	17.6	17.6	17.4	17.1	17.1	16.4	16.2	16.0	16.2	16.2			
55	12.1	12.6	12.6	12.9	12.8	12.7	12.2	12.3	12.2	12.0	12.0	11.6	11.5	11.3	11.5	11.4			
60	8.70	9.07	9.14	9.28	9.19	9.12	8.76	8.76	8.65	8.57	8.59	8.37	8.29	8.11	8.21	8.21			
65	6.29	6.59	6.63	6.75	6.66	6.62	6.33	6.31	6.21	6.12	6.17	6.02	5.98	5.85	5.91	5.91			
70	4.51	4.70	4.75	4.82	4.77	4.72	4.55	4.51	4.38	4.32	4.34	4.28	4.25	4.16	4.18	4.20			
75	3.11	3.26	3.27	3.34	3.30	3.30	3.15	3.15	3.03	2.94	2.99	2.91	2.94	2.84	2.88	2.86			
80	2.00	2.11	2.10	2.17	2.13	2.16	2.06	2.07	1.95	1.87	1.89	1.85	1.88	1.81	1.83	1.81			
85	1.13	1.19	1.20	1.25	1.25	1.26	1.22	1.23	1.10	1.04	1.04	1.01	1.03	0.97	0.99	0.98			
90	0.53	0.52	0.52	0.52	0.54	0.62	0.57	0.58	0.47	0.45	0.45	0.45	0.47	0.44	0.45	0.45			
95	0.53	0.55	0.53	0.55	0.53	0.54	0.52	0.54	0.49	0.48	0.50	0.49	0.52	0.49	0.50	0.48			
100	0.56	0.58	0.56	0.58	0.56	0.57	0.56	0.57	0.55	0.53	0.54	0.53	0.56	0.52	0.54	0.52			
105	0.62	0.63	0.62	0.63	0.60	0.62	0.60	0.62	0.62	0.60	0.62	0.61	0.63	0.60	0.61	0.60			
110	0.83	0.82	0.80	0.79	0.76	0.76	0.75	0.77	0.82	0.83	0.83	0.84	0.85	0.84	0.84	0.85			
115	1.50	1.42	1.42	1.32	1.30	1.22	1.25	1.25	1.38	1.45	1.43	1.50	1.49	1.54	1.51	1.57			
120	3.00	2.86	2.82	2.63	2.55	2.41	2.44	2.42	2.65	2.78	2.79	2.94	2.95	3.08	3.06	3.17			
125	5.70	5.45	5.36	5.06	4.93	4.71	4.72	4.64	4.95	5.14	5.21	5.48	5.56	5.79	5.78	5.93			
130	9.57	9.22	9.11	8.69	8.53	8.16	8.18	7.98	8.34	8.59	8.73	9.14	9.30	9.62	9.64	9.81			
135	14.3	13.9	13.8	13.3	13.1	12.7	12.6	12.4	12.8	13.1	13.2	13.7	13.9	14.3	14.4	14.6			
140	19.6	19.3	19.1	18.5	18.2	17.8	17.7	17.5	17.9	18.4	18.4	19.0	19.2	19.7	19.7	20.0			
145	25.2	24.8	24.6	24.0	23.7	23.2	23.1	23.0	23.5	23.9	24.0	24.5	24.8	25.2	25.3	25.5			
150	30.4	29.9	29.7	29.2	28.9	28.5	28.5	28.3	28.8	29.2	29.4	29.8	30.1	30.4	30.5	30.7			
155	34.1	33.8	33.5	33.0	32.8	32.6	32.6	32.6	33.1	33.3	33.5	33.7	34.0	34.2	34.3	34.5			
160	35.6	35.3	34.9	34.5	34.4	34.4	34.5	34.7	35.2	35.3	35.3	35.1	35.3	35.4	35.6	35.8			
165	34.4	34.1	33.8	33.7	33.5	33.5	34.0	34.3	34.7	34.7	34.5	34.1	34.3	34.1	34.3	34.4			
170	31.7	31.3	31.4	31.7	31.4	31.5	31.5	32.1	32.4	32.4	32.1	31.9	31.9	32.0	31.7	31.5			
175	29.7	29.7	30.2	30.1	29.8	29.8	30.2	30.2	30.0	30.6	30.8	30.5	30.3	30.6	30.6	30.0			
180	29.7	29.9	30.5	30.2	30.1	30.1	30.3	29.9	29.8	29.9	30.5	30.2	30.2	30.1	30.4	29.9			

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