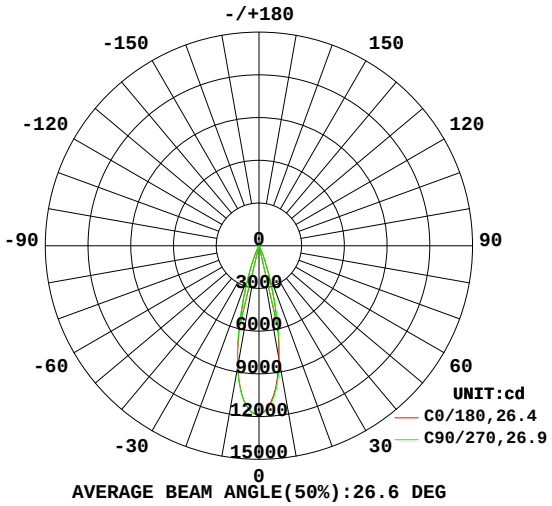
LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: vM090	TYPE:	WEIGHT:1
SPEC.:BR 3000K 34W 90CRI 24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

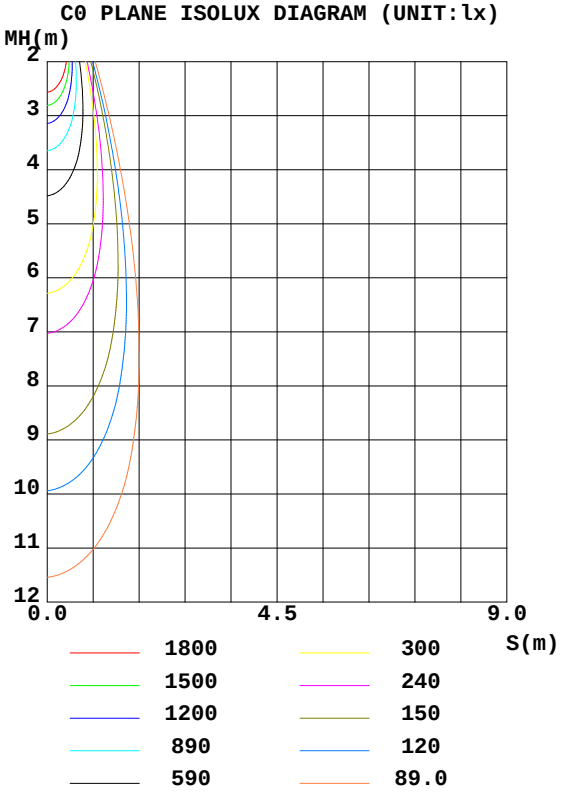
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 79.71 lm/W	
MODEL		Imax(cd)	11845	S/MH(C0/180)	0.44
NOMINAL POWER(W)	34	LOR(%)	118.7	S/MH(C90/270)	0.44
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	2698.6	η UP,DN(C0-180)	1.5,56.9
NOMINAL FLUX(lm)	2273.81	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.5,58.8
LAMPS INSIDE	1	η up(%)	2.9	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	230	η down(%)	115.7	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):26.6 DEG

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 GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

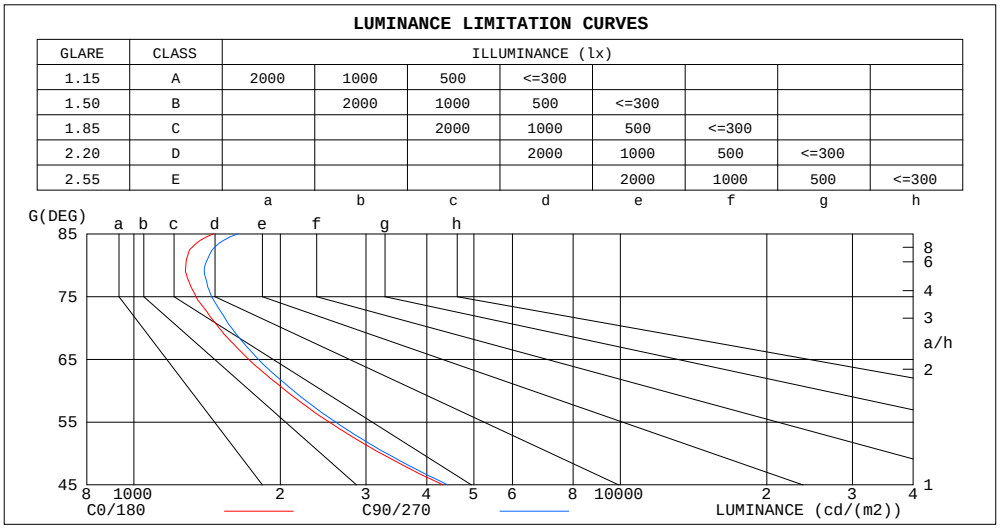
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	804.3	803.5	825.3	850.2	856.8	870.2	866.9	833.4	0- 10	965.8	965.8	35.8,42.5
20	160.1	159.9	171.9	178.7	183.1	197.8	197.3	178.9	10- 20	1261	2227	82.5,97.9
30	17.73	17.72	19.30	20.21	20.81	22.23	21.45	18.85	20- 30	302.2	2529	93.7,111
40	3.938	3.894	4.075	4.439	4.596	4.730	4.422	4.012	30- 40	58.65	2587	95.9,114
50	1.754	1.760	1.806	1.882	1.930	1.937	1.876	1.750	40- 50	21.41	2609	96.7,115
60	0.8695	0.8847	0.9036	0.9287	0.9599	0.9691	0.9380	0.8666	50- 60	11.72	2621	97.1,115
70	0.4338	0.4462	0.4614	0.4721	0.4831	0.4883	0.4700	0.4303	60- 70	6.571	2627	97.4,116
80	0.1883	0.1939	0.2066	0.2131	0.2125	0.2102	0.2019	0.1830	70- 80	3.374	2631	97.5,116
90	0.0578	0.0571	0.0577	0.0575	0.0525	0.0501	0.0528	0.0507	80- 90	1.293	2632	97.5,116
100	0.0650	0.0642	0.0643	0.0631	0.0653	0.0638	0.0672	0.0660	90-100	0.6450	2632	97.6,116
110	0.0771	0.0774	0.0769	0.0741	0.0783	0.0772	0.0804	0.0797	100-110	0.7447	2633	97.6,116
120	0.1640	0.1736	0.1723	0.1558	0.1537	0.1538	0.1626	0.1667	110-120	1.036	2634	97.6,116
130	0.7374	0.7638	0.7665	0.7065	0.6969	0.6922	0.7186	0.7505	120-130	3.352	2638	97.7,116
140	2.128	2.161	2.134	2.061	2.054	2.031	2.065	2.128	130-140	10.38	2648	98.1,116
150	3.656	3.672	3.649	3.584	3.606	3.576	3.596	3.649	140-150	17.95	2666	98.8,117
160	4.281	4.196	4.152	4.173	4.282	4.272	4.263	4.272	150-160	18.63	2685	99.5,118
170	3.340	3.227	3.203	3.251	3.423	3.439	3.431	3.389	160-170	11.20	2696	99.9,119
180	2.455	2.566	2.522	2.563	2.458	2.569	2.525	2.563	170-180	2.808	2699	100,119
DEG	LUMINOUS INTENSITY:×10cd									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 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 24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	1456	1635
80	1279	1401
75	1342	1445
70	1497	1589
65	1722	1803
60	2052	2128
55	2521	2600
50	3220	3308
45	4321	4421

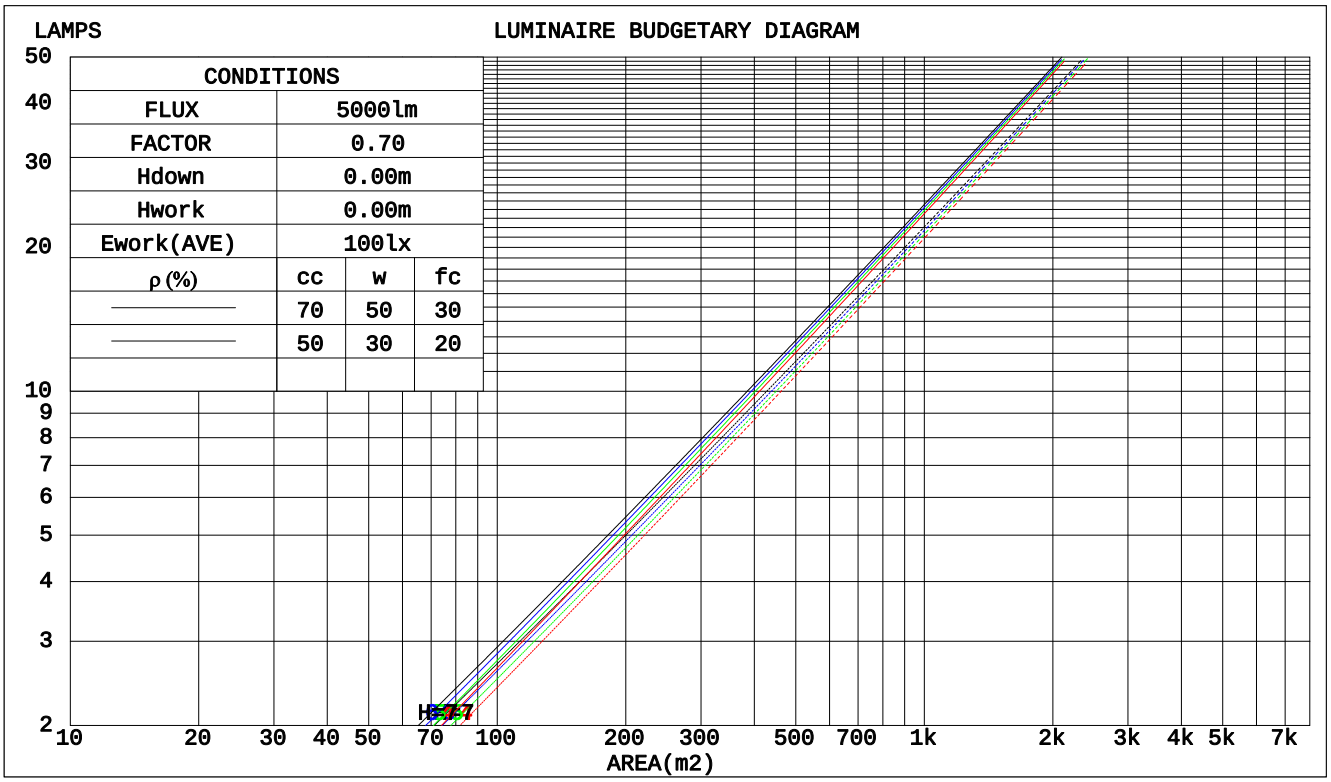
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
Test Date:2020-08-26

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE 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 24D	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	1.41	1.41	1.41	1.37	1.37	1.37	1.30	1.30	1.30	1.24	1.24	1.24	1.18	1.18	1.18	1.16
1.0	1.33	1.31	1.29	1.30	1.28	1.27	1.25	1.24	1.22	1.20	1.19	1.18	1.16	1.15	1.14	1.12
2.0	1.27	1.23	1.20	1.25	1.22	1.19	1.21	1.18	1.16	1.17	1.15	1.13	1.13	1.12	1.10	1.08
3.0	1.22	1.17	1.14	1.20	1.16	1.13	1.16	1.13	1.11	1.13	1.11	1.09	1.10	1.08	1.07	1.05
4.0	1.17	1.12	1.09	1.15	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	1.11	1.07	1.04	1.09	1.05	1.03	1.07	1.04	1.01	1.05	1.03	1.00	.99
6.0	1.09	1.04	1.01	1.08	1.03	1.00	1.06	1.02	.99	1.04	1.01	.98	1.03	.00	.98	.96
7.0	1.06	1.01	.97	1.05	1.00	.97	1.03	.99	.96	1.02	.98	.96	1.00	.97	.95	.94
8.0	1.02	.98	.94	1.02	.97	.94	1.00	.96	.93	.99	.96	.93	.98	.95	.92	.91
9.0	.00	.95	.92	.99	.94	.91	.98	.94	.91	.97	.93	.91	.96	.92	.90	.89
10.0	.97	.92	.89	.96	.92	.89	.95	.91	.89	.94	.91	.88	.94	.90	.88	.87



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 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 24D	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	.164	.093	.030	.155	.089	.028	.139	.080	.025	.124	.071	.023	.110	.064	.021	
2.0	.151	.083	.025	.144	.079	.024	.130	.072	.023	.118	.066	.021	.106	.060	.019	
3.0	.140	.075	.022	.134	.072	.022	.123	.067	.020	.112	.061	.019	.102	.057	.018	
4.0	.131	.068	.020	.126	.066	.019	.116	.062	.018	.107	.057	.017	.098	.053	.016	
5.0	.123	.063	.018	.119	.061	.018	.110	.057	.017	.102	.054	.016	.095	.051	.015	
6.0	.116	.058	.017	.112	.057	.016	.105	.054	.016	.098	.051	.015	.092	.048	.014	
7.0	.110	.055	.015	.107	.053	.015	.100	.051	.015	.094	.048	.014	.088	.046	.014	
8.0	.105	.051	.014	.102	.050	.014	.096	.048	.014	.091	.046	.013	.086	.044	.013	
9.0	.100	.048	.014	.097	.047	.013	.092	.046	.013	.087	.044	.013	.083	.042	.012	
10.0	.096	.046	.013	.093	.045	.013	.089	.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	.248	.248	.248	.212	.212	.212	.145	.145	.145	.083	.083	.083	.027	.027	.027	
1.0	.222	.210	.198	.190	.180	.171	.130	.124	.118	.075	.072	.069	.024	.023	.022	
2.0	.201	.180	.163	.172	.155	.141	.118	.107	.098	.068	.062	.057	.022	.020	.019	
3.0	.183	.157	.136	.157	.136	.118	.108	.094	.083	.062	.055	.049	.020	.018	.016	
4.0	.169	.139	.117	.145	.120	.101	.099	.084	.071	.058	.049	.042	.019	.016	.014	
5.0	.156	.125	.101	.134	.108	.088	.092	.075	.062	.053	.044	.037	.017	.014	.012	
6.0	.145	.113	.089	.125	.098	.078	.086	.068	.055	.050	.040	.033	.016	.013	.011	
7.0	.136	.103	.080	.117	.089	.069	.081	.063	.049	.047	.037	.029	.015	.012	.010	
8.0	.129	.095	.072	.111	.082	.063	.077	.058	.045	.045	.034	.027	.014	.011	.009	
9.0	.122	.088	.066	.105	.077	.057	.073	.054	.041	.042	.032	.024	.014	.010	.008	
10.0	.116	.083	.061	.100	.072	.053	.069	.051	.038	.040	.030	.022	.013	.010	.007	

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 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 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	3.0	3.7	3.3	3.9	4.0	3.3	3.9	3.5	4.1	4.3
	3H	3.4	4.0	3.7	4.2	4.4	3.6	4.2	3.9	4.4	4.6
	4H	3.5	4.1	3.8	4.3	4.6	3.8	4.3	4.1	4.6	4.8
	6H	3.6	4.2	4.0	4.4	4.7	3.9	4.4	4.2	4.7	5.0
	8H	3.7	4.2	4.0	4.5	4.8	4.0	4.5	4.3	4.8	5.0
	12H	3.7	4.2	4.1	4.5	4.8	4.0	4.5	4.4	4.8	5.1
4H	2H	3.1	3.7	3.4	3.9	4.2	3.3	3.9	3.6	4.1	4.4
	3H	3.6	4.1	3.9	4.4	4.7	3.8	4.3	4.1	4.6	4.9
	4H	3.8	4.3	4.2	4.6	4.9	4.0	4.5	4.4	4.8	5.2
	6H	4.0	4.4	4.4	4.8	5.2	4.3	4.7	4.7	5.0	5.4
	8H	4.1	4.5	4.5	4.9	5.3	4.4	4.7	4.8	5.1	5.5
	12H	4.2	4.5	4.6	4.9	5.4	4.5	4.8	4.9	5.2	5.6
8H	4H	3.8	4.2	4.3	4.6	5.0	4.1	4.4	4.5	4.8	5.2
	6H	4.1	4.4	4.6	4.9	5.3	4.4	4.7	4.8	5.1	5.6
	8H	4.3	4.5	4.8	5.0	5.5	4.5	4.8	5.0	5.3	5.8
	12H	4.4	4.6	4.9	5.1	5.6	4.7	4.9	5.2	5.4	5.9
12H	4H	3.8	4.2	4.3	4.6	5.0	4.0	4.4	4.5	4.8	5.2
	6H	4.1	4.4	4.6	4.9	5.3	4.4	4.6	4.8	5.1	5.6
	8H	4.3	4.5	4.8	5.0	5.5	4.6	4.8	5.1	5.3	5.8

Variations with the observer position at spacings:		
S = 1.0H	+ 1.2 / - 1.3	+ 1.3 / - 1.2
1.5H	+ 2.1 / - 0.9	+ 2.2 / - 0.9
2.0H	+ 1.5 / - 0.9	+ 1.4 / - 0.9

CIE Pub.117, 2274 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.9)

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 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 24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

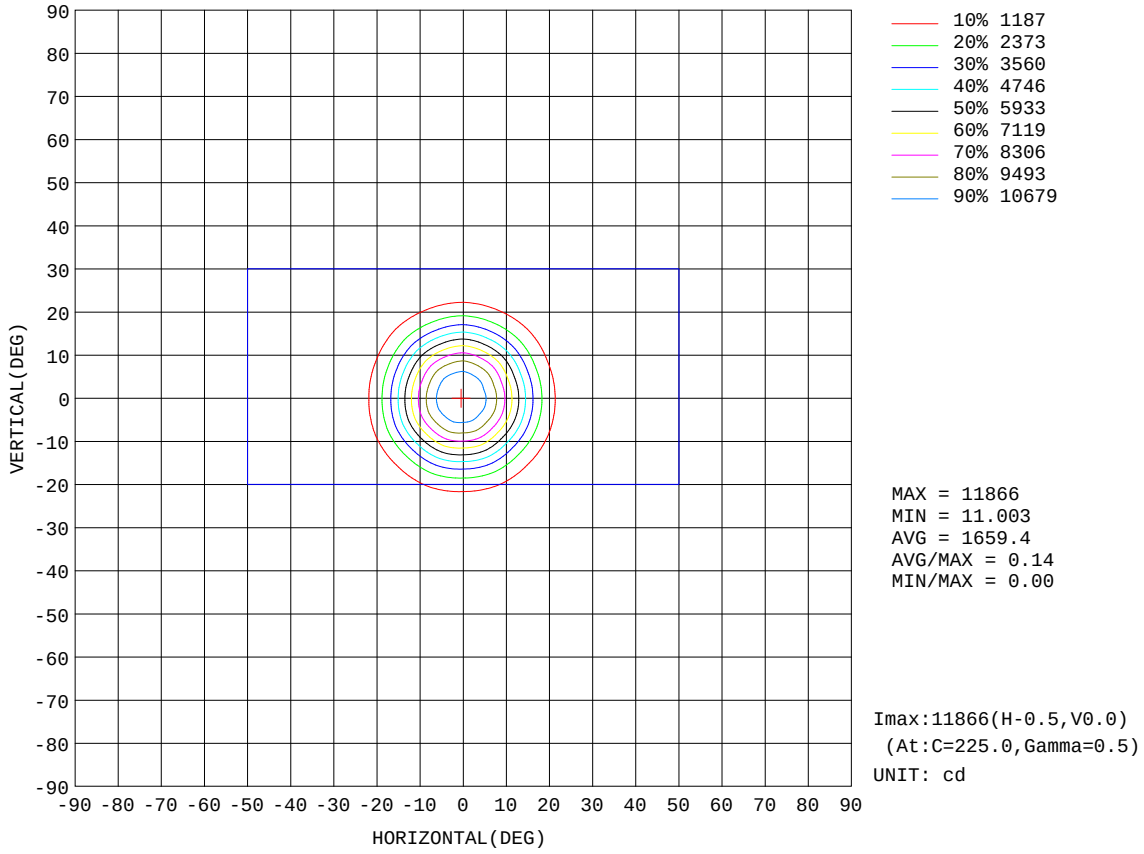
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	106	99	95	105	98	94	104	98	94	90
0.80	114	108	104	113	107	103	112	106	103	98
1.00	119	112	108	118	112	108	115	111	107	102
1.25	123	117	113	122	116	113	119	115	112	106
1.50	126	121	117	124	120	116	121	118	115	109
2.00	129	124	121	127	123	119	123	120	117	111
2.50	131	126	123	129	125	122	124	122	119	112
3.00	132	129	125	130	127	124	126	123	121	113
4.00	135	132	129	132	129	127	127	125	124	114
5.00	136	134	132	133	131	130	128	127	125	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 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 24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



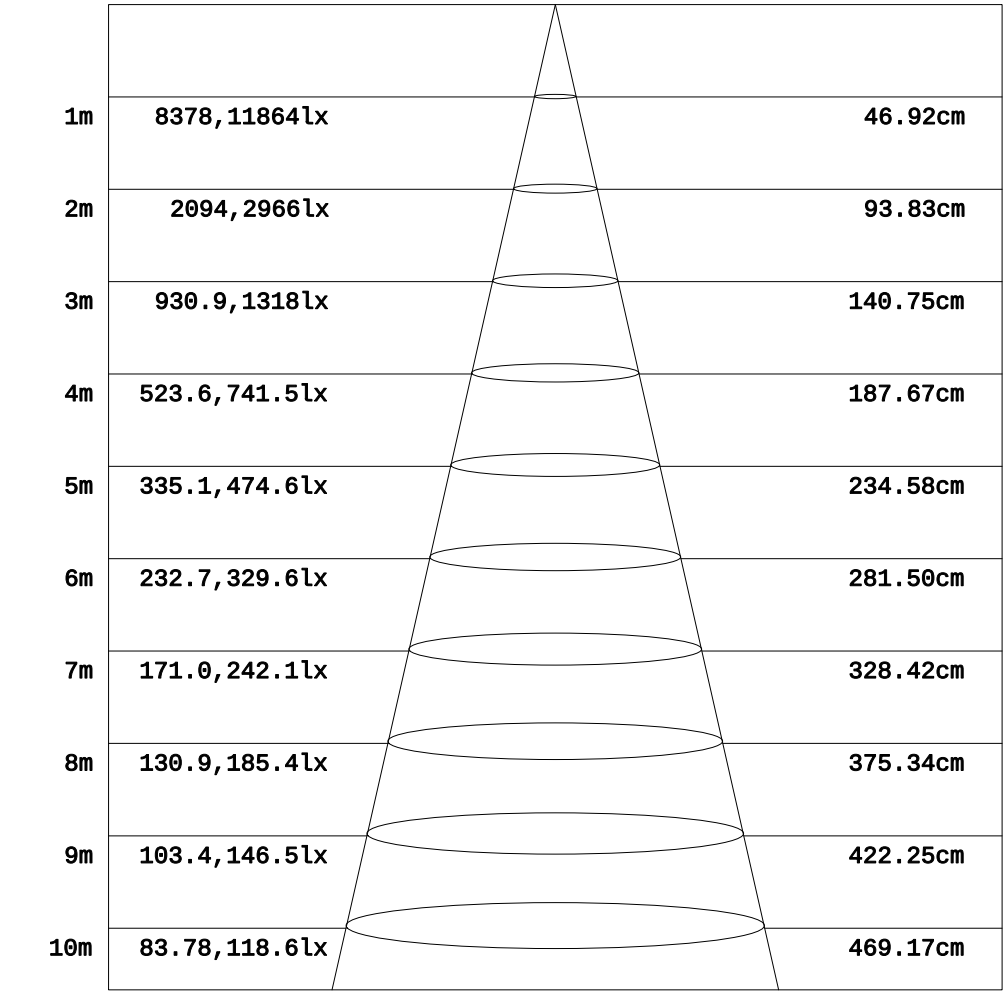
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
Test Date:2020-08-26

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE 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 24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:1517 lm



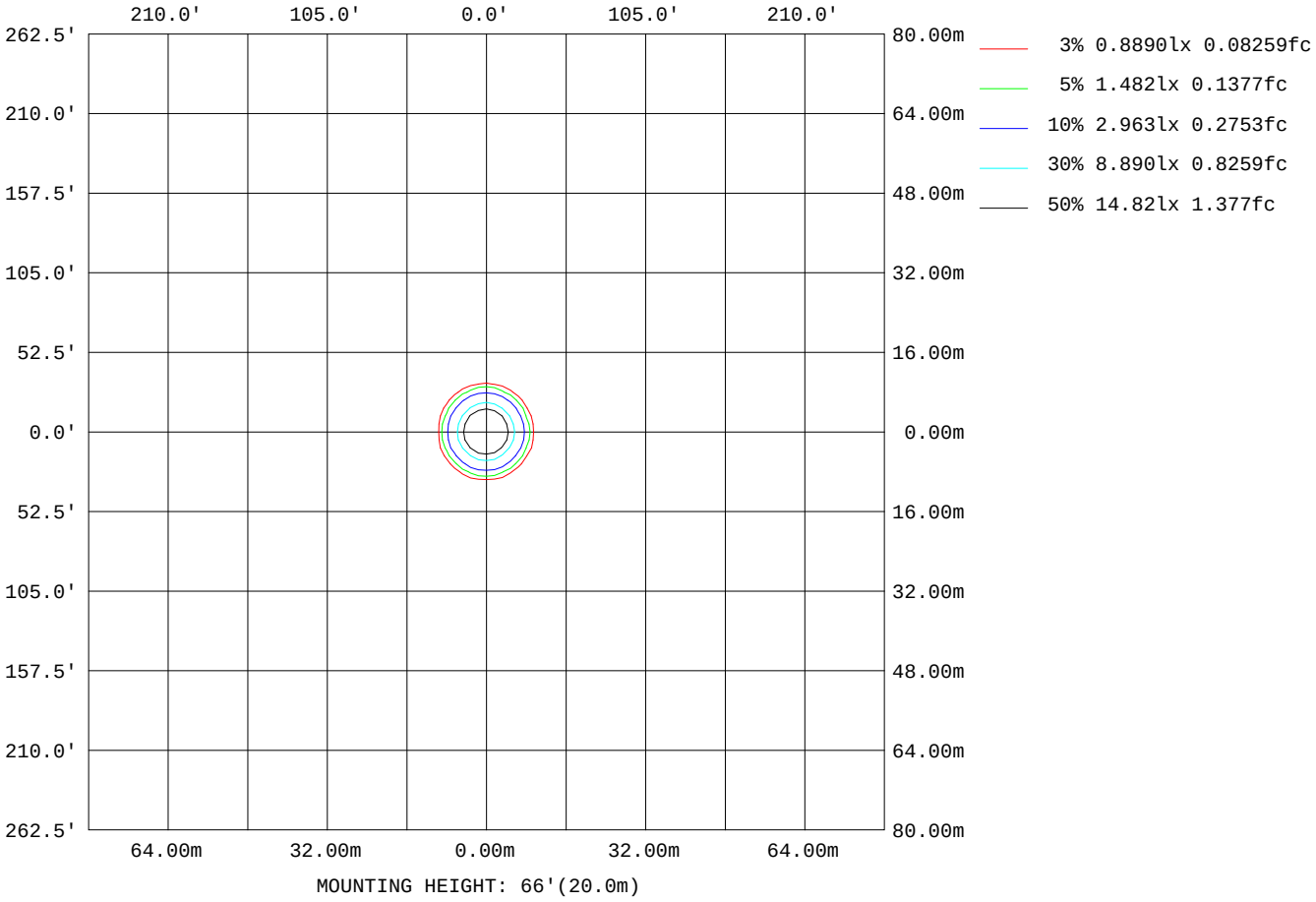
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:LGL
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 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 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 24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

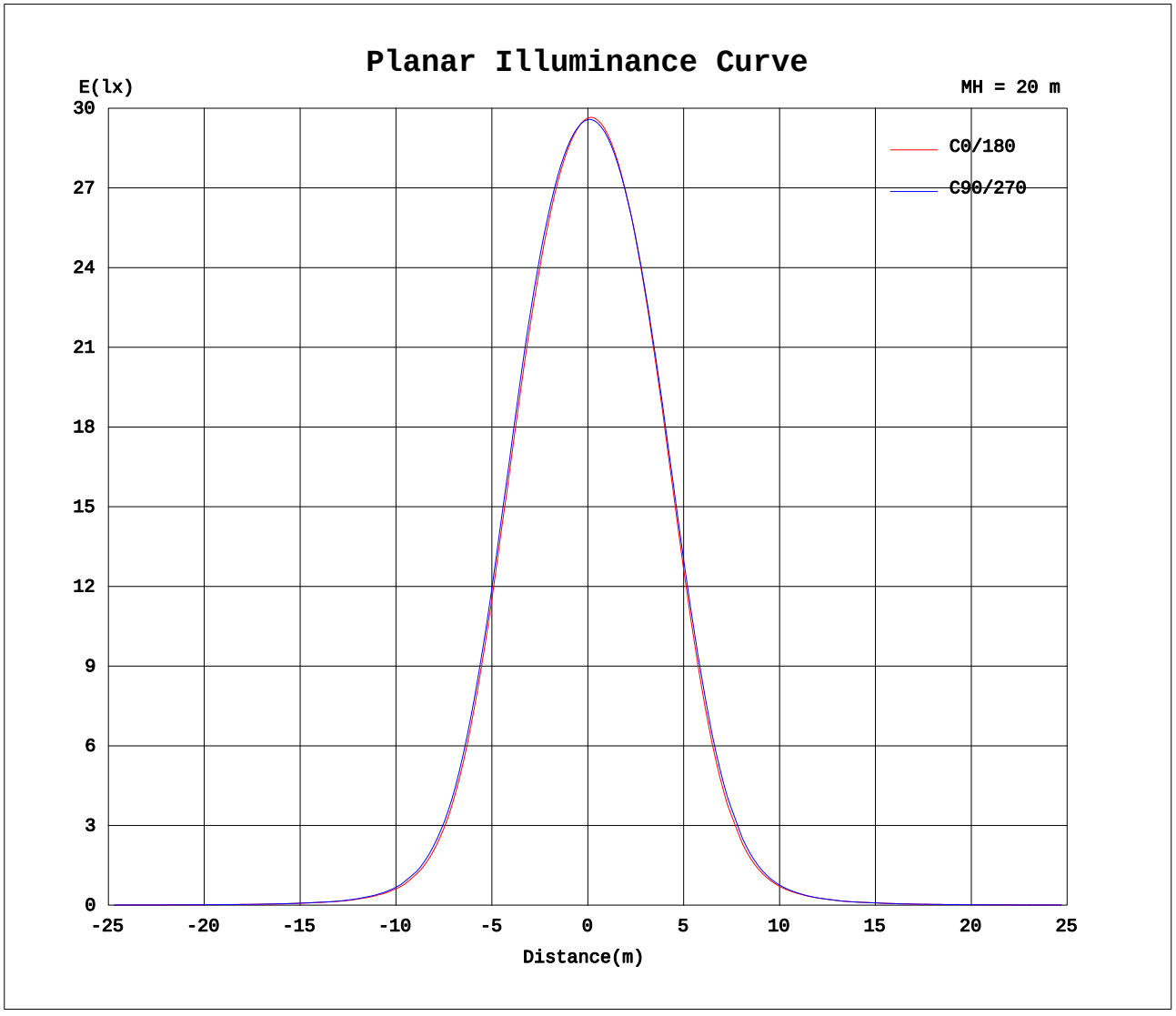
AvgL	cd/m2
L_0~180(65)av	1816
L_0~180(75)av	1425
L_0~180(85)av	1549
L_90~270(65)av	1836
L_90~270(75)av	1450
L_90~270(85)av	1593
L_45(65)av	1816
L_45(75)av	1426
L_45(85)av	1545

Standard: GB/T 29293-2012

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 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
Operators:LGL
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 24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Table--1 UNIT: ×10cd

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	1183	1183	1183	1183	1183	1183	1183	1183	1183	1183	1183	1183	1183	1183	1183	1183			
5	1078	1080	1078	1089	1091	1104	1105	1116	1111	1110	1116	1109	1111	1097	1092	1077			
10	804	809	804	826	825	850	850	869	857	854	870	861	867	841	833	804			
15	435	439	433	454	453	476	474	493	480	480	500	490	499	472	464	434			
20	160	165	160	175	172	183	179	189	183	184	198	192	197	182	179	160			
25	49.9	49.2	50.0	53.3	55.2	56.9	56.6	58.0	56.4	58.4	62.1	61.5	61.1	56.8	53.1	49.6			
30	17.7	18.0	17.7	19.1	19.3	20.4	20.2	21.2	20.8	21.1	22.2	21.6	21.5	19.6	18.9	17.4			
35	7.94	7.98	7.90	8.26	8.40	8.83	8.89	9.23	9.15	9.19	9.43	9.26	9.03	8.38	8.11	7.76			
40	3.94	3.97	3.89	4.04	4.07	4.35	4.44	4.66	4.60	4.59	4.73	4.59	4.42	4.09	4.01	3.86			
45	2.59	2.60	2.58	2.63	2.65	2.77	2.79	2.87	2.85	2.84	2.85	2.79	2.76	2.63	2.59	2.54			
50	1.75	1.77	1.76	1.80	1.81	1.87	1.88	1.93	1.93	1.93	1.94	1.89	1.88	1.78	1.75	1.72			
55	1.23	1.24	1.24	1.26	1.27	1.30	1.31	1.35	1.35	1.35	1.36	1.33	1.31	1.25	1.22	1.20			
60	0.87	0.88	0.88	0.90	0.90	0.93	0.93	0.95	0.96	0.96	0.97	0.95	0.94	0.89	0.87	0.85			
65	0.62	0.63	0.63	0.65	0.65	0.66	0.66	0.69	0.69	0.69	0.69	0.68	0.67	0.63	0.62	0.60			
70	0.43	0.44	0.45	0.46	0.46	0.47	0.47	0.49	0.48	0.49	0.49	0.48	0.47	0.44	0.43	0.42			
75	0.29	0.30	0.30	0.32	0.32	0.33	0.33	0.34	0.33	0.33	0.33	0.32	0.32	0.30	0.29	0.28			
80	0.19	0.19	0.19	0.21	0.21	0.21	0.21	0.22	0.21	0.21	0.21	0.20	0.20	0.19	0.18	0.18			
85	0.11	0.11	0.11	0.12	0.12	0.13	0.13	0.13	0.12	0.12	0.12	0.11	0.11	0.10	0.10	0.10			
90	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05			
95	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06			
100	0.07	0.07	0.06	0.07	0.06	0.07	0.06	0.06	0.07	0.06	0.06	0.06	0.07	0.06	0.07	0.06			
105	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07			
110	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08			
115	0.10	0.10	0.10	0.10	0.10	0.10	0.09	0.09	0.10	0.09	0.10	0.10	0.10	0.10	0.10	0.10			
120	0.16	0.16	0.17	0.17	0.17	0.16	0.16	0.15	0.15	0.16	0.15	0.16	0.16	0.17	0.17	0.17			
125	0.35	0.35	0.37	0.36	0.37	0.34	0.33	0.31	0.33	0.33	0.33	0.34	0.34	0.36	0.36	0.37			
130	0.74	0.74	0.76	0.75	0.77	0.72	0.71	0.67	0.70	0.70	0.69	0.72	0.72	0.75	0.75	0.78			
135	1.35	1.36	1.39	1.36	1.38	1.32	1.30	1.25	1.29	1.29	1.28	1.32	1.31	1.37	1.36	1.41			
140	2.13	2.13	2.16	2.13	2.13	2.08	2.06	2.01	2.05	2.05	2.03	2.07	2.06	2.13	2.13	2.18			
145	2.94	2.94	2.96	2.93	2.94	2.89	2.87	2.82	2.87	2.86	2.84	2.87	2.87	2.92	2.93	2.99			
150	3.66	3.65	3.67	3.64	3.65	3.60	3.58	3.56	3.61	3.60	3.58	3.60	3.60	3.64	3.65	3.70			
155	4.14	4.13	4.11	4.09	4.09	4.06	4.06	4.06	4.12	4.10	4.09	4.10	4.10	4.12	4.13	4.17			
160	4.28	4.26	4.20	4.17	4.15	4.14	4.17	4.22	4.28	4.28	4.27	4.24	4.26	4.26	4.27	4.31			
165	4.01	3.95	3.88	3.85	3.81	3.82	3.90	3.98	4.06	4.07	4.06	3.99	4.00	3.99	4.01	4.02			
170	3.34	3.27	3.23	3.25	3.20	3.23	3.25	3.36	3.42	3.45	3.44	3.42	3.43	3.43	3.39	3.36			
175	2.64	2.63	2.68	2.67	2.64	2.65	2.72	2.74	2.70	2.80	2.87	2.82	2.83	2.83	2.83	2.73			
180	2.46	2.46	2.57	2.53	2.52	2.52	2.56	2.49	2.46	2.46	2.57	2.53	2.53	2.52	2.56	2.49			

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