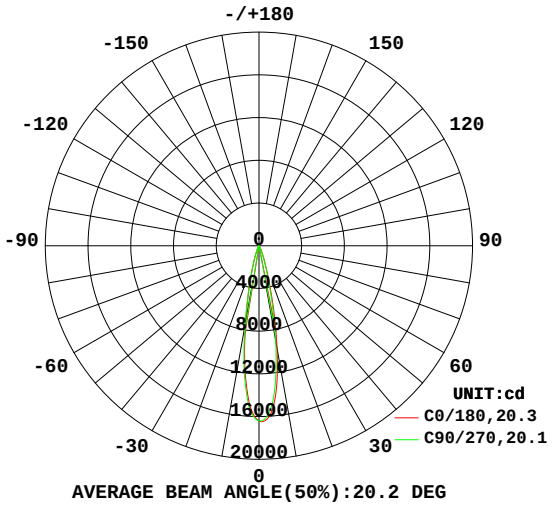
LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: vM090	TYPE:	WEIGHT:1
SPEC.:BR 3000K 34W 90CRI 15D	DIM.:	SERIAL No.:
MFR.	SUR.:	Shielding Angle:

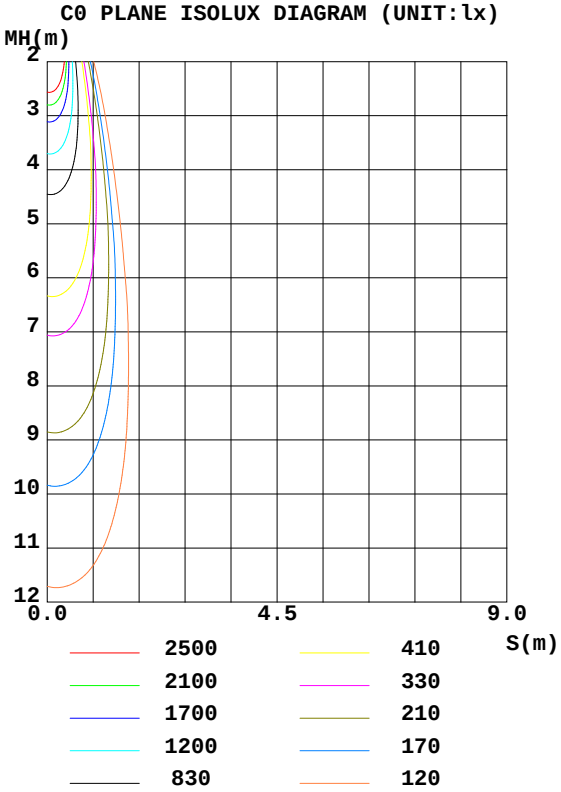
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 76.73 lm/W	
MODEL		Imax(cd)	16502	S/MH(C0/180)	0.32
NOMINAL POWER(W)	34	LOR(%)	119.2	S/MH(C90/270)	0.33
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	2588.6	η UP,DN(C0-180)	1.4,62.3
NOMINAL FLUX(lm)	2172.43	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.5,53.9
LAMPS INSIDE	1	η up(%)	2.9	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	230	η down(%)	116.2	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):20.2 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:cjy
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	975.8	973.3	895.4	801.4	719.4	699.7	758.0	872.0	0- 10	1165	1165	45,53.6
20	150.8	149.5	135.3	123.2	111.4	106.8	113.9	134.3	10- 20	999.1	2164	83.6,99.6
30	24.18	24.41	22.21	19.77	18.03	18.03	19.63	21.91	20- 30	254.3	2419	93.4,111
40	4.807	4.856	4.567	4.272	4.010	3.988	4.285	4.545	30- 40	58.96	2478	95.7,114
50	2.068	2.085	2.042	1.954	1.859	1.800	1.903	1.999	40- 50	22.65	2500	96.6,115
60	1.026	1.022	1.014	0.9809	0.9331	0.8934	0.9398	0.9982	50- 60	12.53	2513	97.1,116
70	0.5263	0.5199	0.5166	0.4970	0.4645	0.4414	0.4635	0.5008	60- 70	7.014	2520	97.3,116
80	0.2397	0.2357	0.2295	0.2124	0.1918	0.1818	0.1930	0.2148	70- 80	3.590	2523	97.5,116
90	0.0623	0.0624	0.0559	0.0525	0.0531	0.0506	0.0518	0.0484	80- 90	1.339	2525	97.5,116
100	0.0619	0.0605	0.0612	0.0612	0.0696	0.0669	0.0679	0.0650	90-100	0.6254	2525	97.6,116
110	0.0740	0.0733	0.0747	0.0751	0.0824	0.0817	0.0814	0.0789	100-110	0.7414	2526	97.6,116
120	0.1357	0.1335	0.1404	0.1499	0.1667	0.1650	0.1560	0.1463	110-120	1.012	2527	97.6,116
130	0.5156	0.5007	0.5425	0.6039	0.7128	0.7075	0.6535	0.5933	120-130	2.792	2530	97.7,116
140	1.836	1.824	1.914	2.045	2.235	2.239	2.145	2.011	130-140	9.460	2539	98.1,117
150	3.444	3.442	3.512	3.582	3.685	3.695	3.647	3.555	140-150	17.77	2557	98.8,118
160	4.038	4.048	4.118	4.110	4.145	4.146	4.168	4.058	150-160	18.11	2575	99.5,119
170	3.134	3.145	3.209	3.118	3.086	3.089	3.177	3.072	160-170	10.83	2586	99.9,119
180	2.154	2.149	2.057	2.101	2.155	2.149	2.056	2.100	170-180	2.521	2589	100,119
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

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

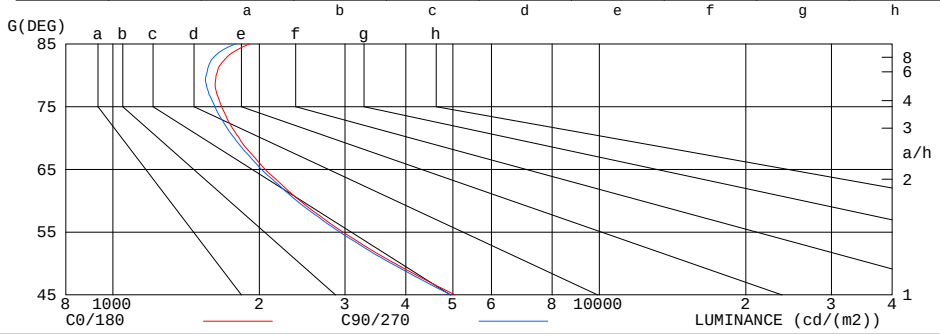
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

NAME: VM090	**TYPE:**	**WEIGHT:1**
SPEC.:BR 3000K 34W 90CRI 15D	**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	1910	1788
80	1630	1555
75	1672	1621
70	1818	1777
65	2056	2020
60	2425	2387
55	2971	2928
50	3800	3738
45	5048	4954

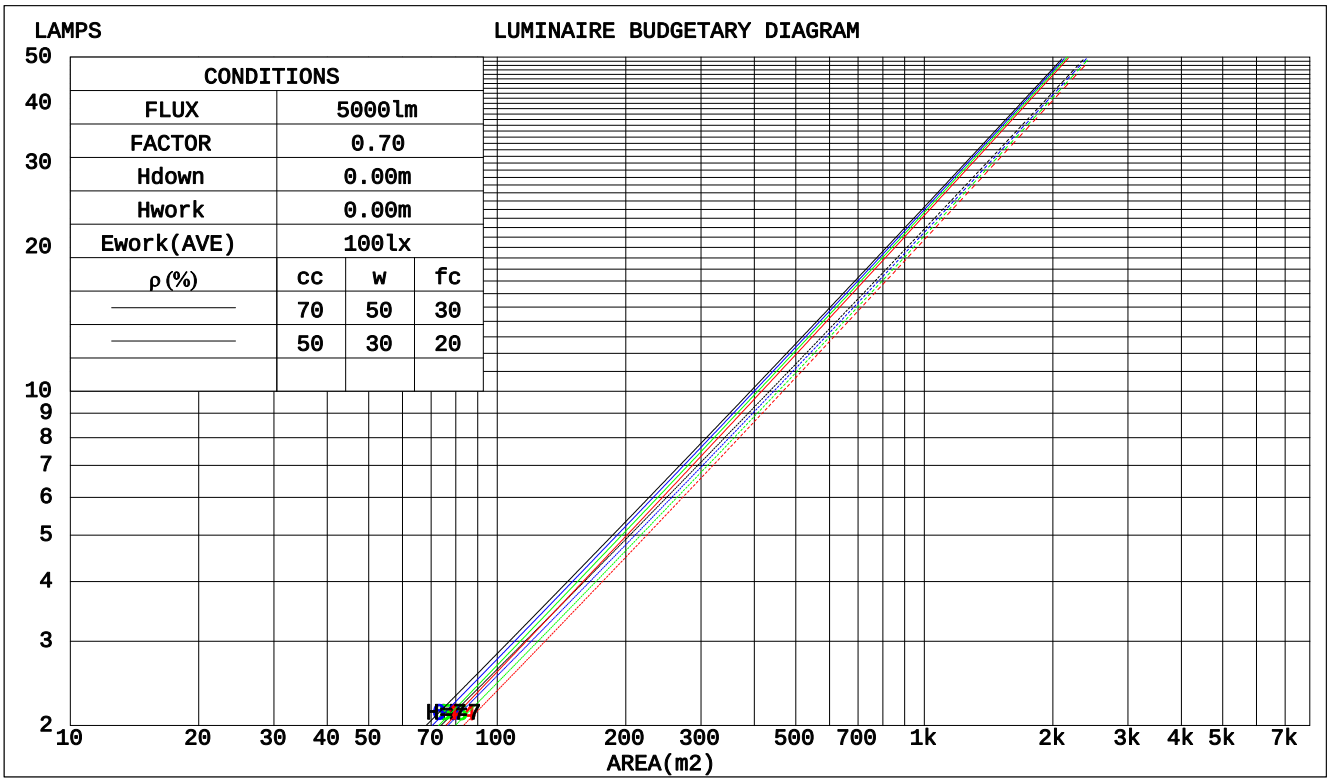
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:cjy
Test Date:2020-08-26

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 15D	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	1.38	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	1.32	1.30	1.31	1.29	1.28	1.26	1.24	1.23	1.21	1.20	1.19	1.17	1.16	1.15	1.13
2.0	1.28	1.25	1.22	1.26	1.23	1.20	1.22	1.19	1.17	1.18	1.16	1.14	1.14	1.13	1.12	1.10
3.0	1.23	1.19	1.16	1.21	1.18	1.15	1.18	1.15	1.12	1.15	1.12	1.10	1.12	1.10	1.08	1.07
4.0	1.19	1.14	1.11	1.17	1.13	1.10	1.14	1.11	1.08	1.12	1.09	1.07	1.10	1.07	1.05	1.04
5.0	1.15	1.10	1.07	1.14	1.09	1.06	1.11	1.08	1.05	1.09	1.06	1.04	1.07	1.05	1.03	1.01
6.0	1.11	1.07	1.03	1.10	1.06	1.03	1.08	1.05	1.02	1.07	1.04	1.01	1.05	1.02	1.00	.99
7.0	1.08	1.04	1.00	1.07	1.03	.00	1.06	1.02	.99	1.04	1.01	.99	1.03	1.00	.98	.97
8.0	1.05	1.01	.98	1.05	1.00	.97	1.03	.00	.97	1.02	.99	.96	1.01	.98	.96	.95
9.0	1.03	.98	.95	1.02	.98	.95	1.01	.97	.95	1.00	.97	.94	.99	.96	.94	.93
10.0	1.00	.96	.93	.00	.96	.93	.99	.95	.93	.98	.95	.92	.97	.94	.92	.91



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:cjy
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 15D	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	.159	.090	.029	.150	.086	.027	.134	.077	.024	.118	.068	.022	.105	.061	.020	
2.0	.146	.080	.025	.139	.076	.024	.125	.069	.022	.112	.063	.020	.101	.057	.018	
3.0	.135	.072	.021	.129	.069	.021	.117	.064	.019	.107	.058	.018	.097	.054	.017	
4.0	.126	.065	.019	.120	.063	.019	.111	.059	.018	.101	.054	.016	.093	.051	.015	
5.0	.117	.060	.017	.113	.058	.017	.105	.054	.016	.097	.051	.015	.089	.048	.014	
6.0	.111	.055	.016	.107	.054	.016	.099	.051	.015	.092	.048	.014	.086	.045	.013	
7.0	.104	.052	.015	.101	.050	.014	.095	.048	.014	.089	.045	.013	.083	.043	.013	
8.0	.099	.048	.014	.096	.047	.013	.090	.045	.013	.085	.043	.012	.080	.041	.012	
9.0	.094	.046	.013	.092	.045	.013	.087	.043	.012	.082	.041	.012	.077	.039	.011	
10.0	.090	.043	.012	.088	.042	.012	.083	.041	.011	.079	.039	.011	.075	.038	.011	

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	.249	.249	.249	.213	.213	.213	.145	.145	.145	.084	.084	.084	.027	.027	.027	
1.0	.223	.210	.199	.191	.181	.172	.130	.124	.119	.075	.072	.069	.024	.023	.022	
2.0	.201	.181	.164	.172	.156	.142	.118	.108	.099	.068	.063	.058	.022	.020	.019	
3.0	.183	.158	.138	.157	.136	.119	.108	.095	.084	.062	.055	.049	.020	.018	.016	
4.0	.168	.139	.118	.144	.121	.102	.099	.084	.072	.057	.049	.043	.018	.016	.014	
5.0	.155	.125	.103	.133	.108	.089	.092	.075	.063	.053	.044	.037	.017	.014	.012	
6.0	.144	.113	.090	.124	.098	.079	.085	.068	.056	.049	.040	.033	.016	.013	.011	
7.0	.134	.103	.081	.116	.089	.070	.080	.063	.050	.046	.037	.030	.015	.012	.010	
8.0	.126	.095	.073	.109	.082	.064	.075	.058	.045	.044	.034	.027	.014	.011	.009	
9.0	.120	.088	.067	.103	.076	.058	.071	.054	.041	.042	.032	.025	.013	.010	.008	
10.0	.113	.082	.061	.098	.071	.054	.068	.050	.038	.040	.030	.023	.013	.010	.008	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:cjy
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 15D	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	4.9	5.5	5.2	5.7	5.9	4.6	5.2	4.9	5.4	5.6
3H	5.2	5.8	5.5	6.0	6.2	5.0	5.5	5.2	5.7	6.0
4H	5.4	5.9	5.7	6.2	6.4	5.1	5.6	5.4	5.9	6.1
6H	5.5	6.0	5.8	6.3	6.6	5.2	5.7	5.5	6.0	6.3
8H	5.6	6.0	5.9	6.3	6.6	5.3	5.8	5.6	6.0	6.3
12H	5.6	6.1	5.9	6.4	6.7	5.3	5.8	5.7	6.1	6.4
4H 2H	5.0	5.5	5.3	5.8	6.0	4.7	5.2	5.0	5.5	5.7
3H	5.4	5.9	5.7	6.2	6.5	5.1	5.6	5.5	5.9	6.2
4H	5.6	6.1	6.0	6.4	6.7	5.4	5.8	5.7	6.1	6.5
6H	5.8	6.2	6.2	6.6	7.0	5.6	6.0	6.0	6.3	6.7
8H	5.9	6.3	6.3	6.7	7.1	5.7	6.0	6.1	6.4	6.8
12H	6.0	6.3	6.5	6.7	7.2	5.8	6.1	6.2	6.5	6.9
8H 4H	5.6	6.0	6.1	6.4	6.8	5.4	5.8	5.8	6.1	6.6
6H	5.9	6.2	6.4	6.7	7.1	5.7	6.0	6.2	6.4	6.9
8H	6.1	6.3	6.6	6.8	7.3	5.8	6.1	6.3	6.6	7.1
12H	6.3	6.5	6.8	7.0	7.5	6.0	6.2	6.5	6.7	7.2
12H 4H	5.6	5.9	6.0	6.3	6.8	5.4	5.7	5.8	6.1	6.5
6H	5.9	6.2	6.4	6.6	7.1	5.7	6.0	6.2	6.4	6.9
8H	6.1	6.3	6.6	6.8	7.3	5.9	6.1	6.4	6.6	7.1

Variations with the observer position at spacings:		
S = 1.0H	+ 1.0 / - 1.2	+ 0.9 / - 1.2
1.5H	+ 1.8 / - 0.9	+ 1.7 / - 0.9
2.0H	+ 1.5 / - 0.9	+ 1.5 / - 0.9

CIE Pub.117, 2172 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.7)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:cjy
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 15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

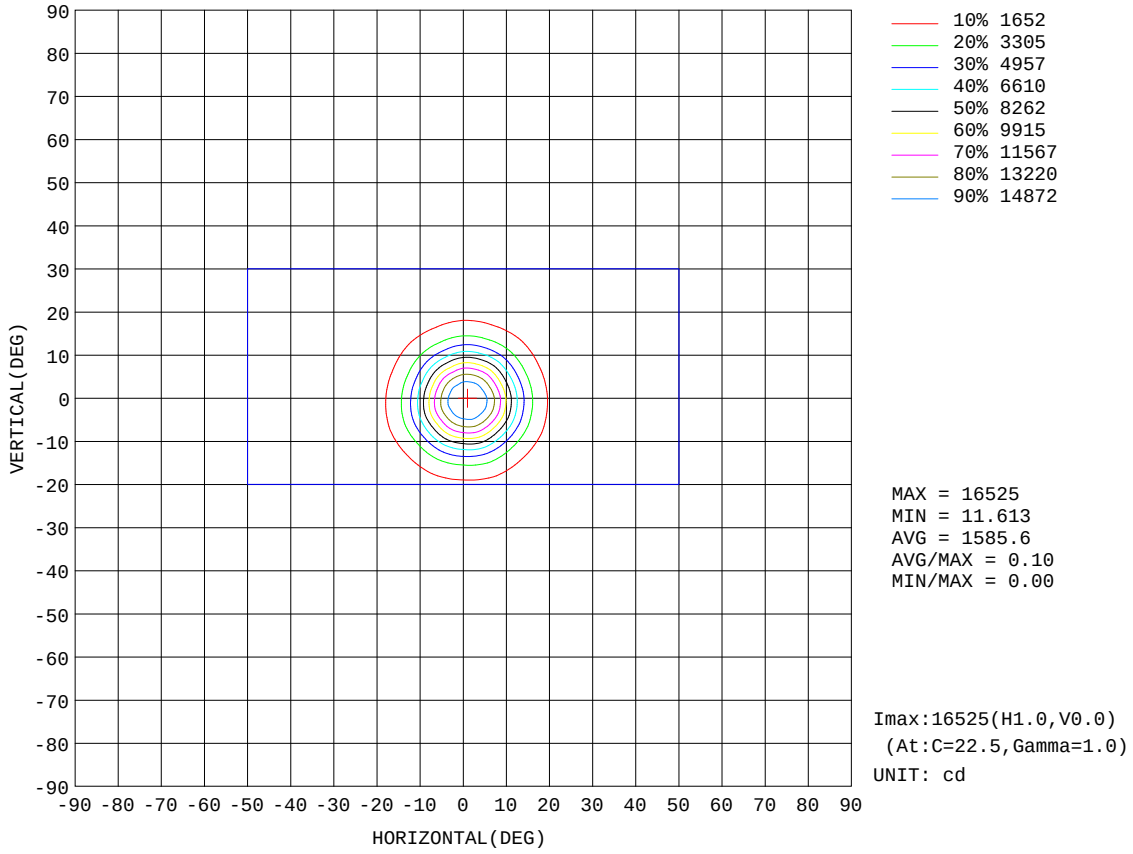
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	106	99	95	105	99	95	104	98	94	90
0.80	114	108	104	113	107	104	112	107	103	99
1.00	119	113	109	118	112	108	116	112	108	103
1.25	123	118	114	122	117	113	119	115	112	107
1.50	126	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:cjy
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 15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



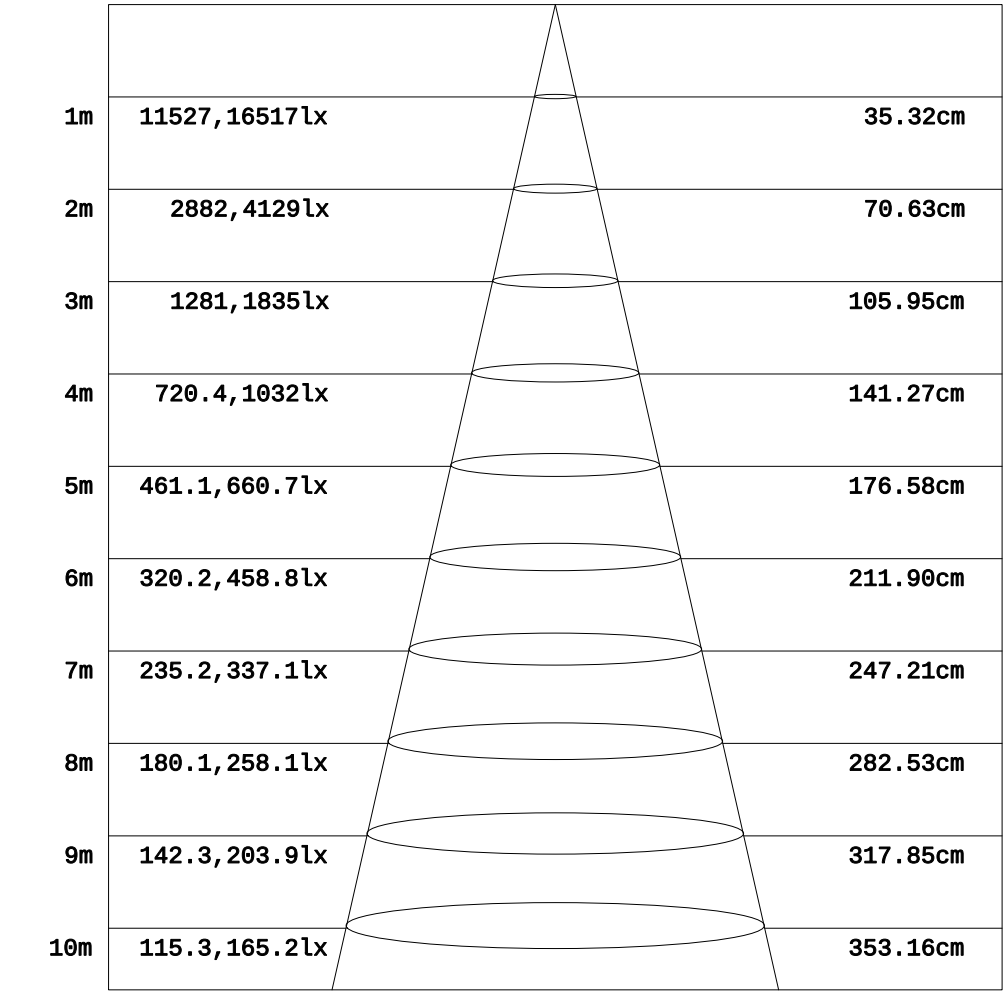
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:cjy
Test Date:2020-08-26

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 15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

Flux out:1244 lm



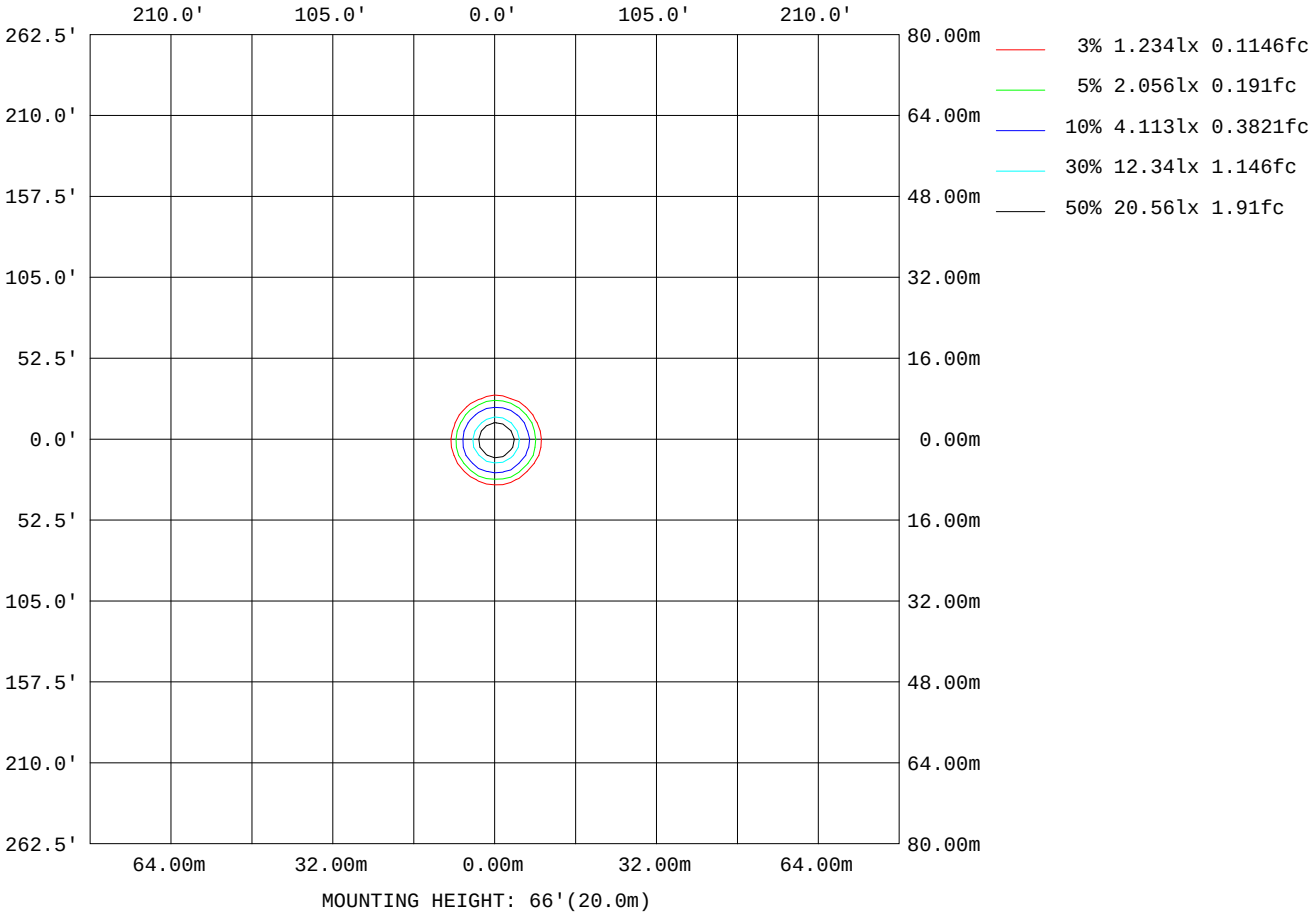
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:cjy
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 15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:cjy
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 15D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

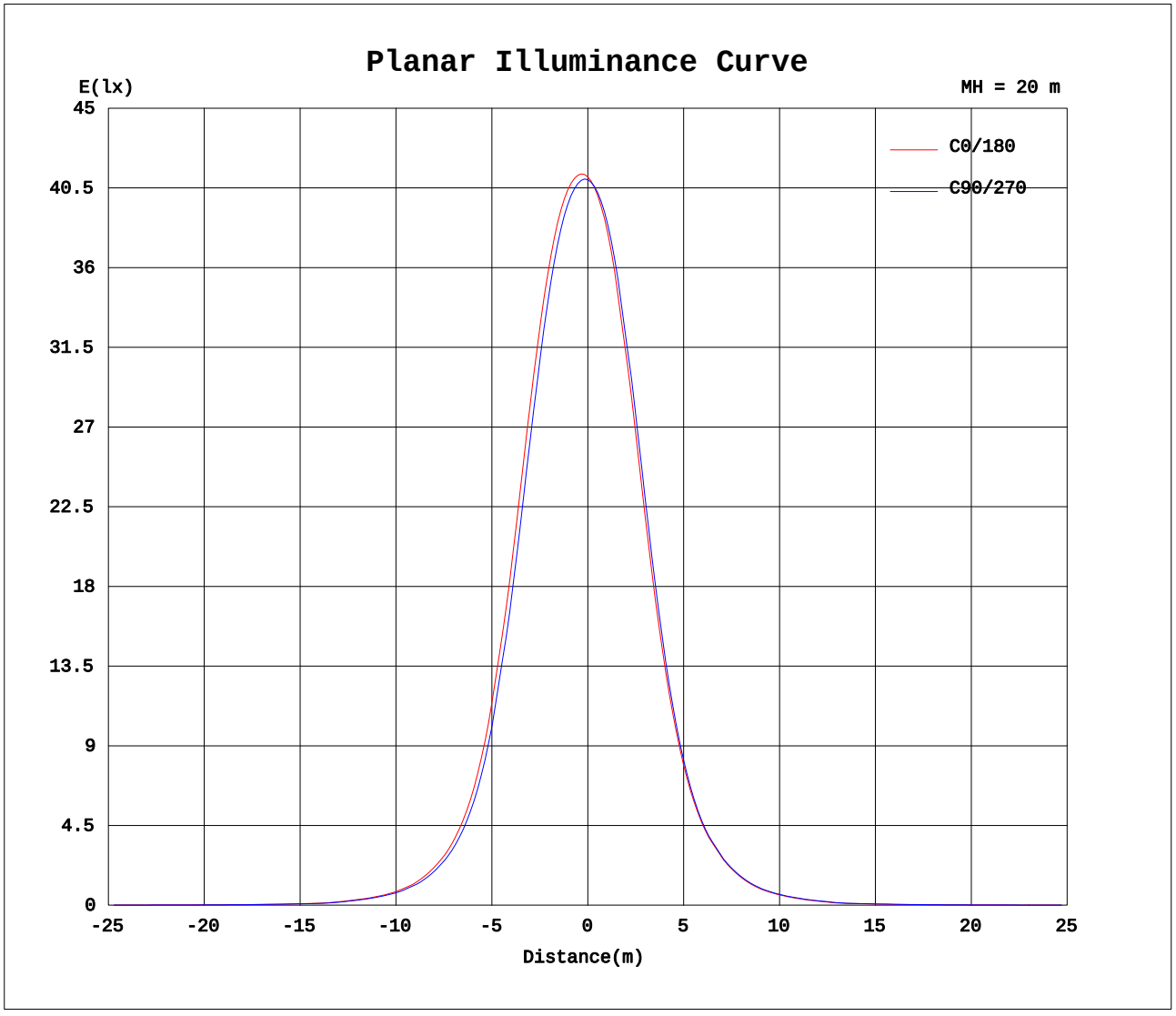
AvgL	cd/m2
L_0~180(65)av	1953
L_0~180(75)av	1543
L_0~180(85)av	1652
L_90~270(65)av	1942
L_90~270(75)av	1519
L_90~270(85)av	1595
L_45(65)av	1939
L_45(75)av	1520
L_45(85)av	1588

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:cjy
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
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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 15D	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	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640	1640			
5	1519	1534	1519	1510	1471	1445	1401	1378	1333	1319	1326	1343	1375	1407	1456	1478			
10	976	1004	973	965	895	863	801	778	719	689	700	707	758	798	872	905			
15	410	430	407	408	365	356	323	316	286	267	273	269	297	312	355	371			
20	151	161	150	152	135	135	123	122	111	105	107	105	114	118	134	137			
25	58.0	60.4	58.3	57.8	53.6	50.9	47.2	46.7	43.0	40.9	41.9	41.5	44.8	46.4	51.2	53.6			
30	24.2	25.3	24.4	24.4	22.2	21.5	19.8	19.6	18.0	17.3	18.0	18.2	19.6	20.2	21.9	22.3			
35	8.76	9.19	8.80	8.71	8.11	7.93	7.57	7.48	7.16	7.00	7.19	7.30	7.64	7.73	8.12	8.25			
40	4.81	4.97	4.86	4.82	4.57	4.50	4.27	4.23	4.01	3.89	3.99	4.06	4.29	4.34	4.55	4.62			
45	3.02	3.12	3.06	3.05	2.98	2.94	2.83	2.81	2.70	2.62	2.64	2.68	2.79	2.83	2.91	2.91			
50	2.07	2.12	2.09	2.09	2.04	2.02	1.95	1.94	1.86	1.79	1.80	1.82	1.90	1.94	2.00	2.00			
55	1.44	1.47	1.45	1.45	1.43	1.42	1.37	1.36	1.31	1.26	1.26	1.27	1.33	1.36	1.41	1.40			
60	1.03	1.04	1.02	1.03	1.01	1.01	0.98	0.97	0.93	0.90	0.89	0.90	0.94	0.96	1.00	1.00			
65	0.74	0.75	0.73	0.74	0.73	0.73	0.70	0.70	0.67	0.64	0.64	0.64	0.67	0.68	0.71	0.72			
70	0.53	0.53	0.52	0.52	0.52	0.51	0.50	0.49	0.46	0.44	0.44	0.44	0.46	0.48	0.50	0.51			
75	0.37	0.37	0.36	0.36	0.36	0.35	0.34	0.33	0.31	0.30	0.30	0.30	0.31	0.32	0.34	0.35			
80	0.24	0.25	0.24	0.24	0.23	0.23	0.21	0.21	0.19	0.18	0.18	0.18	0.19	0.20	0.21	0.22			
85	0.14	0.15	0.14	0.14	0.13	0.13	0.12	0.12	0.10	0.10	0.10	0.10	0.10	0.11	0.12	0.12			
90	0.06	0.07	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05			
95	0.06	0.06	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.05			
100	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.06	0.07	0.06	0.06	0.06			
105	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07			
110	0.07	0.08	0.07	0.08	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08			
115	0.09	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.11	0.10	0.10	0.10	0.10	0.10	0.10			
120	0.14	0.13	0.13	0.13	0.14	0.14	0.15	0.15	0.17	0.17	0.16	0.16	0.16	0.15	0.15	0.15			
125	0.25	0.24	0.24	0.24	0.26	0.26	0.29	0.29	0.33	0.34	0.33	0.33	0.30	0.30	0.28	0.28			
130	0.52	0.49	0.50	0.50	0.54	0.56	0.60	0.62	0.71	0.73	0.71	0.70	0.65	0.63	0.59	0.58			
135	1.05	1.01	1.03	1.03	1.10	1.13	1.21	1.24	1.38	1.42	1.38	1.37	1.29	1.27	1.19	1.17			
140	1.84	1.80	1.82	1.83	1.91	1.95	2.04	2.08	2.24	2.28	2.24	2.23	2.14	2.12	2.01	2.00			
145	2.71	2.68	2.70	2.72	2.79	2.83	2.91	2.93	3.07	3.11	3.08	3.07	3.00	2.96	2.87	2.85			
150	3.44	3.42	3.44	3.46	3.51	3.53	3.58	3.60	3.68	3.71	3.69	3.69	3.65	3.62	3.55	3.53			
155	3.89	3.88	3.90	3.91	3.95	3.96	3.98	3.99	4.05	4.06	4.05	4.06	4.03	4.00	3.95	3.94			
160	4.04	4.03	4.05	4.09	4.12	4.13	4.11	4.09	4.15	4.14	4.15	4.17	4.17	4.12	4.06	4.05			
165	3.81	3.81	3.81	3.91	3.96	3.93	3.82	3.82	3.86	3.82	3.83	3.90	3.94	3.85	3.76	3.75			
170	3.13	3.16	3.14	3.20	3.21	3.18	3.12	3.11	3.09	3.09	3.09	3.11	3.18	3.12	3.07	3.05			
175	2.42	2.45	2.47	2.45	2.40	2.42	2.43	2.38	2.37	2.38	2.39	2.32	2.31	2.33	2.34	2.34			
180	2.15	2.15	2.15	2.05	2.06	2.03	2.10	2.05	2.15	2.15	2.15	2.05	2.06	2.03	2.10	2.05			

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