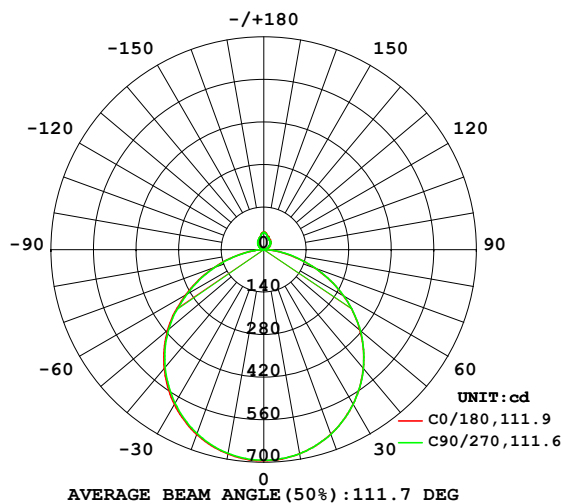


LUMINAIRE PHOTOMETRIC TEST REPORT

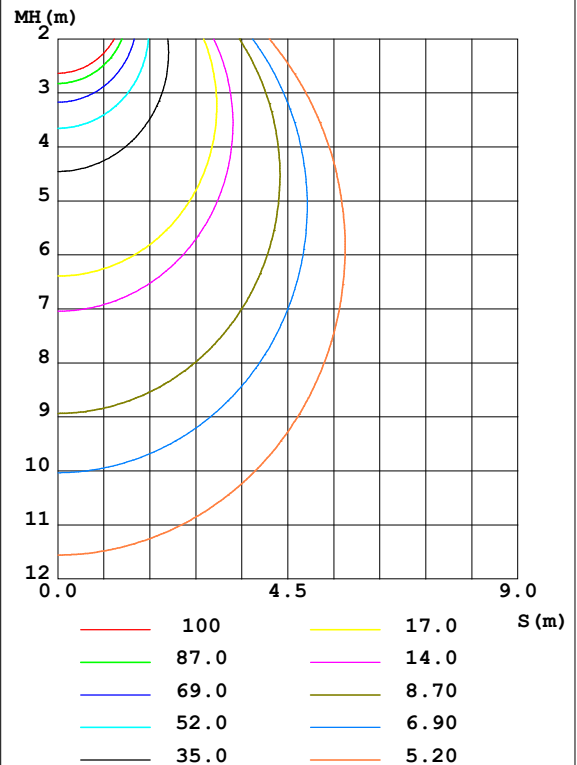
Test:U:120.07V I:0.3989A P:43.599W PF:0.9102 Freq:60.00Hz Lamp Flux:2064.18x1 lm		
NAME: Ceiling light	TYPE:DVP40248	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.: DVI Lighting Inc.	SUR.:0.45	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 47.34 lm/W
MODEL		Imax(cd)	694.6	S/MH(C0/180)	1.26	
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.25	
RATED VOLTAGE(V)		TOTAL FLUX(lm)	2064.2	η UP,DN(C0-180)	2.8,47.7	
NOMINAL FLUX(lm)	2064.18	CIE CLASS	DIRECT	η UP,DN(C180-360)	2.6,46.8	
LAMPS INSIDE	1	η up(%)	5.5	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)		η down(%)	94.5	CIBSE SHR MAX	1.35	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2DEG
Operators:
Test Date:2023-10-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:60%
Test Distance:8.650m [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	681.6	682.2	682.3	681.3	683.0	680.6	680.6	680.6	0- 10	65.63	65.63	3.18,3.18
20	645.9	645.9	646.4	644.9	646.9	643.7	643.2	644.2	10- 20	188.0	253.6	12.3,12.3
30	588.0	588.3	587.5	586.2	588.1	585.6	583.9	585.5	20- 30	285.0	538.6	26.1,26.1
40	509.4	511.3	509.6	508.0	509.9	507.2	504.8	507.0	30- 40	343.8	882.5	42.8,42.8
50	413.5	416.3	415.0	411.9	413.7	409.9	408.4	410.6	40- 50	356.7	1239	60,60
60	302.0	305.3	303.5	299.9	295.8	292.2	290.9	294.1	50- 60	318.7	1558	75.5,75.5
70	181.2	184.8	182.9	179.5	175.6	172.3	171.7	175.4	60- 70	235.5	1793	86.9,86.9
80	67.81	71.11	70.72	67.14	64.66	61.91	62.82	66.04	70- 80	126.3	1920	93,93
90	4.553	6.315	5.362	5.254	3.127	3.239	3.846	4.178	80- 90	31.73	1951	94.5,94.5
100	5.159	4.482	5.039	4.306	3.898	3.793	4.427	3.583	90-100	3.733	1955	94.7,94.7
110	11.60	8.715	10.74	7.833	8.926	6.543	9.290	6.926	100-110	6.538	1962	95,95
120	19.71	13.37	18.32	11.58	16.34	10.65	16.93	11.57	110-120	11.32	1973	95.6,95.6
130	27.62	18.87	26.22	16.84	24.09	15.52	25.12	16.15	120-130	16.04	1989	96.4,96.4
140	33.39	26.80	32.87	26.49	30.89	24.20	32.21	25.60	130-140	19.28	2008	97.3,97.3
150	38.92	35.12	37.36	33.93	36.12	32.63	36.72	33.61	140-150	20.22	2028	98.3,98.3
160	45.12	41.66	42.65	40.48	42.12	37.24	41.98	41.60	150-160	17.83	2046	99.1,99.1
170	53.75	52.62	52.21	51.29	52.65	49.06	50.94	52.06	160-170	12.70	2059	99.8,99.8
180	58.68	56.37	57.22	56.54	58.75	56.38	57.19	56.53	170-180	5.145	2064	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1062.3 lm

%lum = 51.5%

%lamp = 51.5%

Conical surface Flux(120deg): 1557.8 lm

%lum = 75.5%

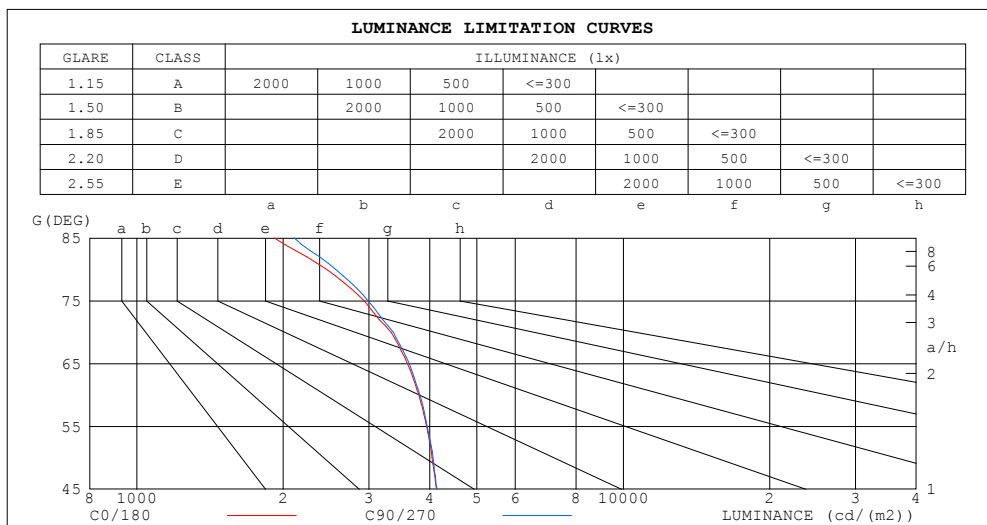
%lamp = 75.5%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:
 Test Date:2023-10-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:60%
 Test Distance:8.650m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.07V I:0.3989A P:43.599W PF:0.9102 Freq:60.00Hz Lamp Flux:2064.18x1 lm		
NAME: Ceiling light	TYPE:DVP40248	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.: DVI Lighting Inc.	SUR.:0.45	Shielding Angle:



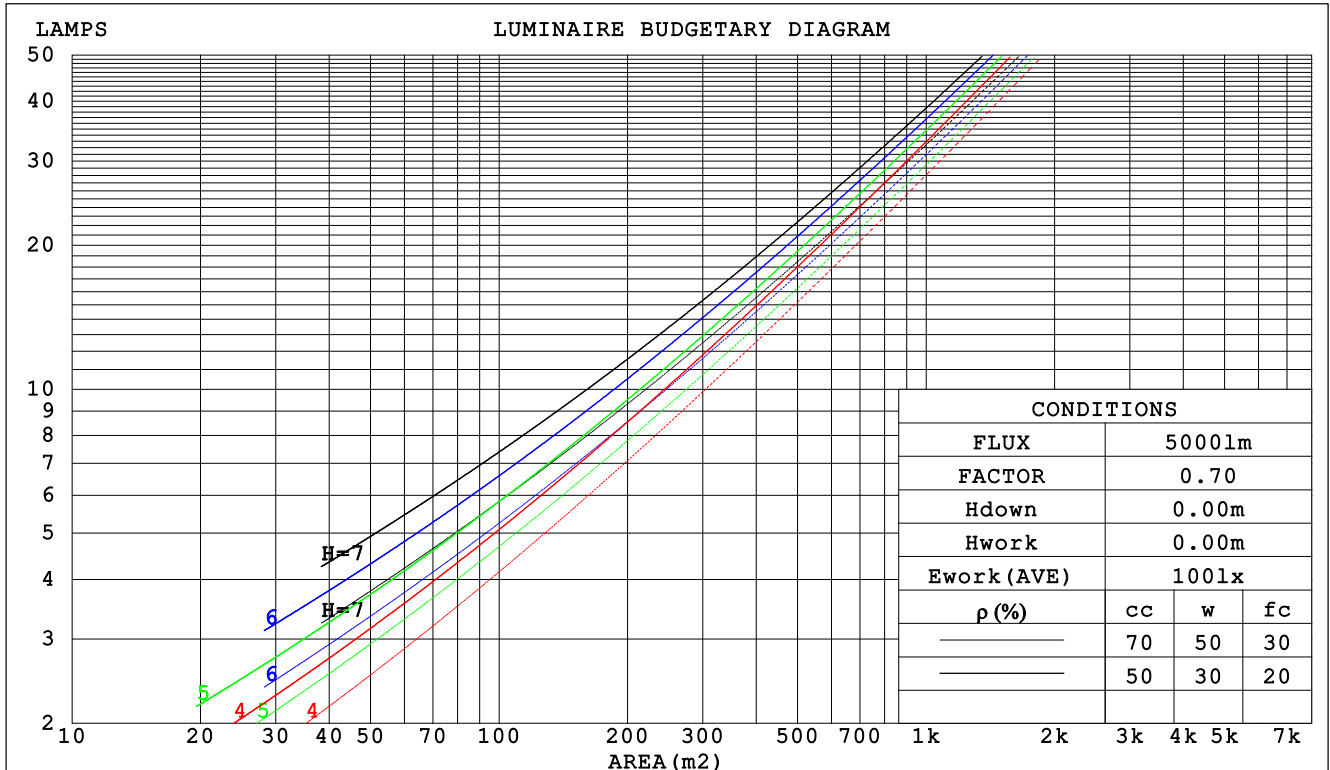
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2DEG
Operators:
Test Date:2023-10-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:60%
Test Distance:8.650m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.07V I:0.3989A P:43.599W PF:0.9102 Freq:60.00Hz Lamp Flux:2064.18x1 lm		
NAME: Ceiling light	TYPE:DVP40248	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.: DVI Lighting Inc.	SUR.:0.45	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	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
0.0	1.18	1.18	1.18	1.14	1.14	1.14	1.08	1.08	1.08	1.02	1.02	1.02	.97	.97	.97	.95
1.0	1.03	.99	.95	1.00	.96	.93	.95	.92	.89	.90	.88	.85	.86	.84	.82	.79
2.0	.90	.83	.77	.87	.81	.76	.83	.78	.74	.79	.75	.71	.75	.72	.69	.66
3.0	.79	.71	.64	.77	.69	.63	.73	.67	.62	.70	.64	.60	.66	.62	.58	.56
4.0	.70	.61	.55	.68	.60	.54	.65	.58	.53	.62	.56	.51	.59	.54	.50	.48
5.0	.62	.53	.47	.61	.53	.46	.58	.51	.45	.56	.49	.44	.53	.48	.43	.41
6.0	.56	.47	.41	.55	.47	.41	.53	.45	.40	.50	.44	.39	.48	.43	.38	.36
7.0	.51	.42	.36	.50	.42	.36	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32
8.0	.46	.38	.32	.45	.37	.32	.44	.36	.31	.42	.36	.31	.40	.35	.30	.28
9.0	.43	.34	.29	.42	.34	.29	.40	.33	.28	.39	.32	.28	.37	.32	.27	.25
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2DEG
Operators:
Test Date:2023-10-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:60%
Test Distance:8.650m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:120.07V I:0.3989A P:43.599W PF:0.9102 Freq:60.00Hz Lamp Flux:2064.18x1 lm					
NAME: Ceiling light			TYPE:DVP40248		WEIGHT:
SPEC.:4000K			DIM.:		SERIAL No.:
MFR.: DVI Lighting Inc.			SUR.:0.45		Shielding Angle:

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.301	.171	.054	.293	.167	.053	.276	.159	.051	.261	.151	.048	.248	.143	.046		
2.0	.285	.156	.048	.277	.153	.047	.263	.146	.045	.249	.140	.044	.237	.134	.042		
3.0	.264	.141	.042	.258	.138	.042	.245	.133	.040	.233	.127	.039	.221	.123	.038		
4.0	.245	.127	.037	.238	.125	.037	.227	.120	.036	.216	.116	.035	.206	.112	.034		
5.0	.227	.115	.033	.221	.113	.033	.211	.110	.032	.201	.106	.032	.192	.103	.031		
6.0	.210	.105	.030	.205	.104	.030	.196	.100	.029	.187	.097	.029	.179	.094	.028		
7.0	.196	.097	.027	.192	.095	.027	.183	.093	.027	.175	.090	.026	.168	.087	.026		
8.0	.183	.090	.025	.179	.088	.025	.171	.086	.024	.164	.083	.024	.157	.081	.024		
9.0	.172	.083	.023	.168	.082	.023	.161	.080	.023	.155	.077	.022	.148	.075	.022		
10.0	.162	.078	.022	.158	.076	.021	.152	.074	.021	.146	.072	.021	.140	.071	.020		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.232	.232	.232	.198	.198	.198	.135	.135	.135	.078	.078	.078	.025	.025	.025	
1.0	.222	.198	.177	.190	.170	.152	.130	.117	.105	.075	.068	.061	.024	.022	.020	
2.0	.214	.174	.141	.183	.150	.122	.125	.104	.085	.072	.060	.050	.023	.020	.016	
3.0	.206	.157	.118	.177	.135	.102	.121	.094	.072	.070	.055	.042	.022	.018	.014	
4.0	.198	.144	.102	.170	.124	.088	.117	.086	.062	.068	.051	.037	.022	.016	.012	
5.0	.191	.133	.091	.164	.115	.079	.113	.081	.056	.065	.047	.033	.021	.015	.011	
6.0	.184	.125	.083	.158	.108	.072	.109	.076	.051	.063	.045	.030	.020	.015	.010	
7.0	.177	.118	.077	.153	.102	.067	.105	.072	.047	.061	.042	.028	.020	.014	.009	
8.0	.171	.112	.072	.147	.098	.063	.102	.068	.045	.059	.040	.027	.019	.013	.009	
9.0	.165	.108	.069	.142	.093	.060	.099	.066	.043	.057	.039	.025	.019	.013	.008	
10.0	.160	.103	.066	.138	.090	.058	.095	.063	.041	.056	.037	.024	.018	.012	.008	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2DEG
Operators:
Test Date:2023-10-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:60%
Test Distance:8.650m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.07V I:0.3989A P:43.599W PF:0.9102 Freq:60.00Hz Lamp Flux:2064.18x1 lm										
NAME: Ceiling light					TYPE:DVP40248			WEIGHT:		
SPEC.:4000K					DIM.:			SERIAL No.:		
MFR.: DVI Lighting Inc.					SUR.:0.45			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	17.4	18.8	17.8	19.1	19.4	17.4	18.8	17.8	19.1	19.5
3H	18.8	20.1	19.2	20.5	20.8	18.8	20.2	19.2	20.5	20.8
4H	19.3	20.6	19.7	20.9	21.3	19.4	20.6	19.8	21.0	21.3
6H	19.7	20.8	20.1	21.2	21.6	19.7	20.9	20.1	21.3	21.7
8H	19.7	20.9	20.2	21.3	21.7	19.8	20.9	20.2	21.3	21.7
12H	19.8	20.9	20.2	21.3	21.7	19.9	20.9	20.3	21.3	21.8
4H 2H	18.0	19.2	18.4	19.6	19.9	18.0	19.2	18.4	19.6	20.0
3H	19.6	20.7	20.0	21.1	21.5	19.6	20.7	20.0	21.1	21.5
4H	20.2	21.2	20.7	21.6	22.1	20.2	21.2	20.7	21.6	22.1
6H	20.6	21.5	21.1	22.0	22.5	20.7	21.6	21.2	22.0	22.5
8H	20.8	21.6	21.3	22.1	22.6	20.8	21.7	21.3	22.1	22.6
12H	20.8	21.6	21.4	22.1	22.6	20.9	21.7	21.4	22.2	22.7
8H 4H	20.4	21.2	20.9	21.7	22.2	20.5	21.3	20.9	21.7	22.2
6H	21.0	21.7	21.5	22.2	22.7	21.1	21.7	21.6	22.2	22.8
8H	21.2	21.8	21.7	22.3	22.9	21.3	21.9	21.8	22.4	23.0
12H	21.3	21.8	21.9	22.4	23.0	21.4	21.9	22.0	22.5	23.1
12H 4H	20.4	21.2	20.9	21.7	22.2	20.5	21.2	21.0	21.7	22.2
6H	21.0	21.6	21.6	22.2	22.7	21.1	21.7	21.6	22.2	22.8
8H	21.3	21.8	21.8	22.3	22.9	21.3	21.9	21.9	22.4	23.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 2064 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 2.5)
Area: 0.158963 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2DEG
Operators:
Test Date:2023-10-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:60%
Test Distance:8.650m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.07V I:0.3989A P:43.599W PF:0.9102 Freq:60.00Hz Lamp Flux:2064.18x1 lm		
NAME: Ceiling light	TYPE:DVP40248	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.: DVI Lighting Inc.	SUR.:0.45	Shielding Angle:

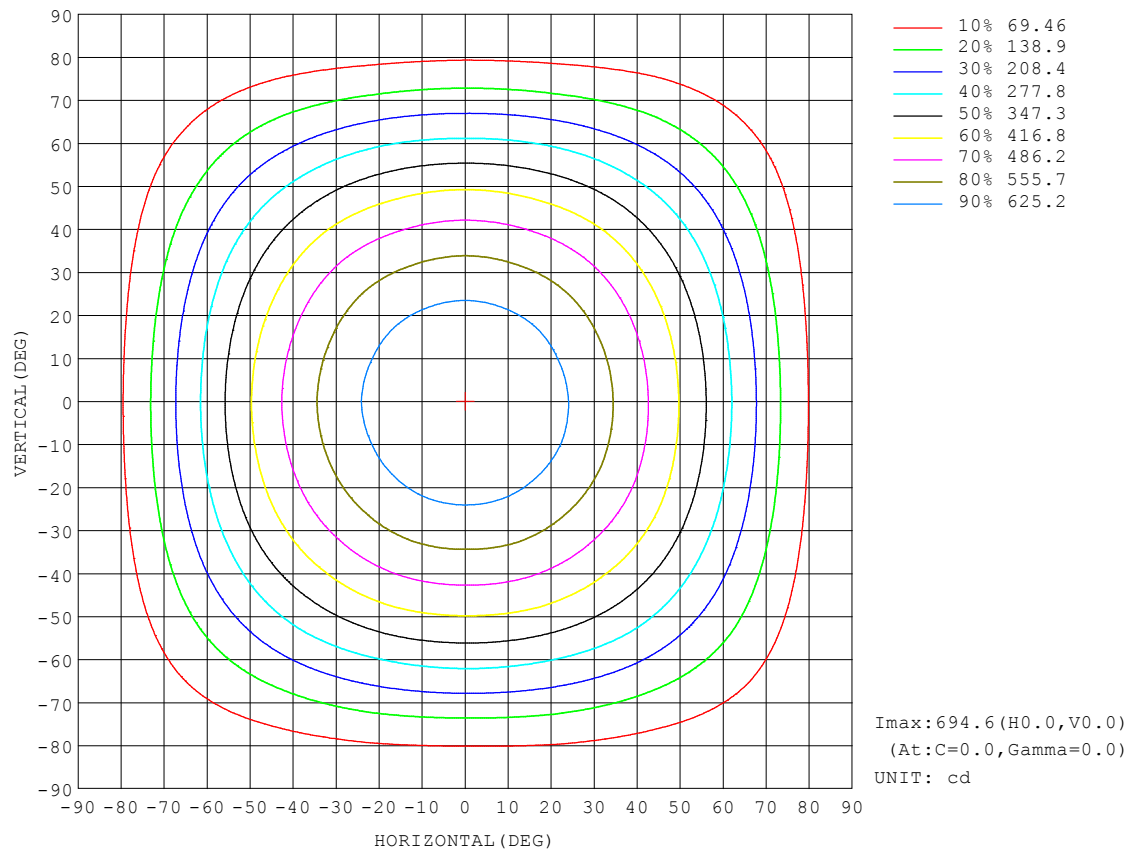
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	38	55	44	38	54	44	37	31
0.80	66	55	47	65	54	47	63	53	47	39
1.00	75	64	56	73	63	56	70	64	55	47
1.25	82	71	64	80	70	64	77	68	62	54
1.50	87	77	70	85	76	69	81	73	68	59
2.00	94	85	79	91	84	78	87	81	76	67
2.50	98	90	84	95	88	83	91	85	80	71
3.00	101	94	89	98	92	87	93	88	84	74
4.00	105	99	95	102	97	93	97	93	89	79
5.00	107	103	99	104	100	97	99	96	93	82
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: HIGH
 Temperature:25.2DEG
 Operators:
 Test Date:2023-10-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:60%
 Test Distance:8.650m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.07V I:0.3989A P:43.599W PF:0.9102 Freq:60.00Hz Lamp Flux:2064.18x1 lm		
NAME: Ceiling light	TYPE:DVP40248	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.: DVI Lighting Inc.	SUR.:0.45	Shielding Angle:

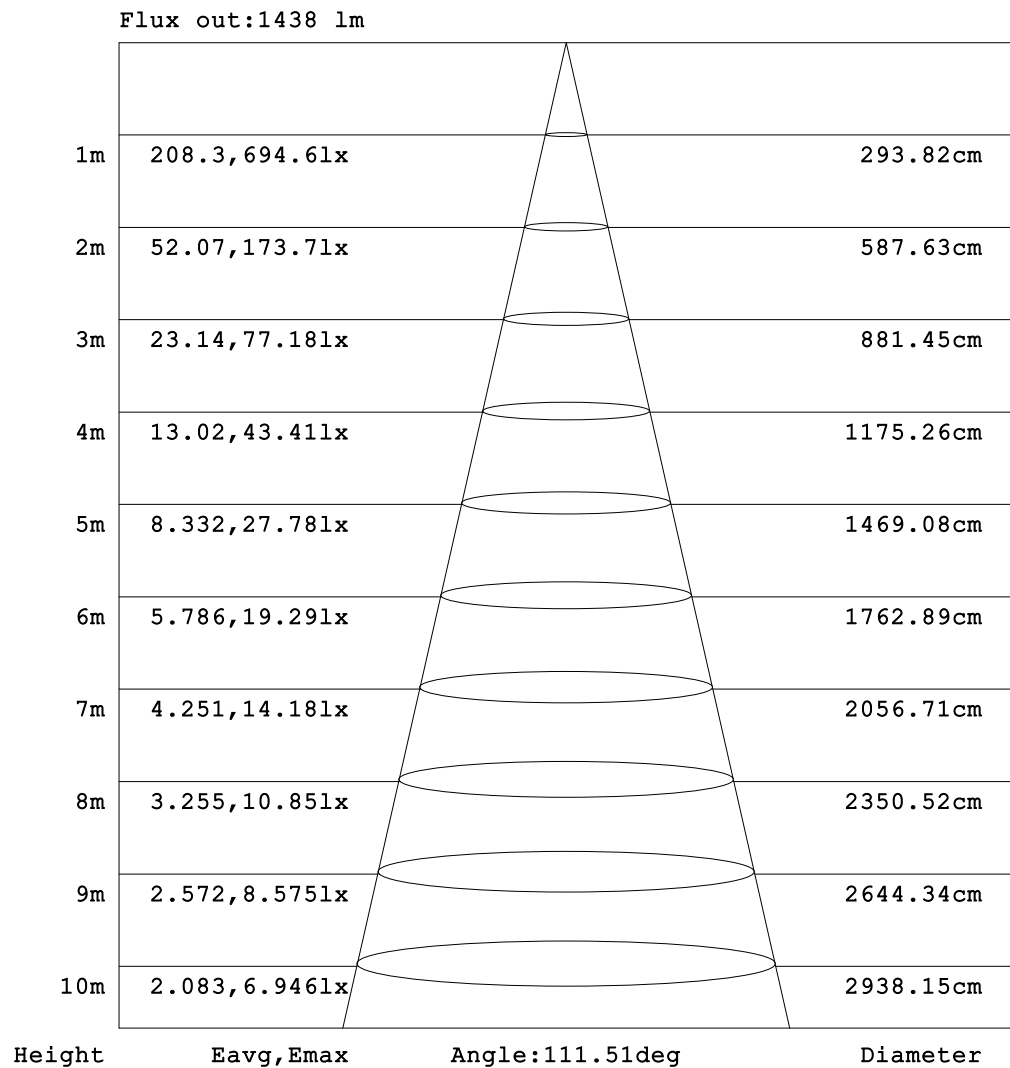


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2DEG
Operators:
Test Date:2023-10-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:60%
Test Distance:8.650m [K=1.0000]
Remarks:

AAI Figure

Test:U:120.07V I:0.3989A P:43.599W PF:0.9102 Freq:60.00Hz Lamp Flux:2064.18x1 lm		
NAME: Ceiling light	TYPE:DVP40248	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.: DVI Lighting Inc.	SUR.:0.45	Shielding Angle:



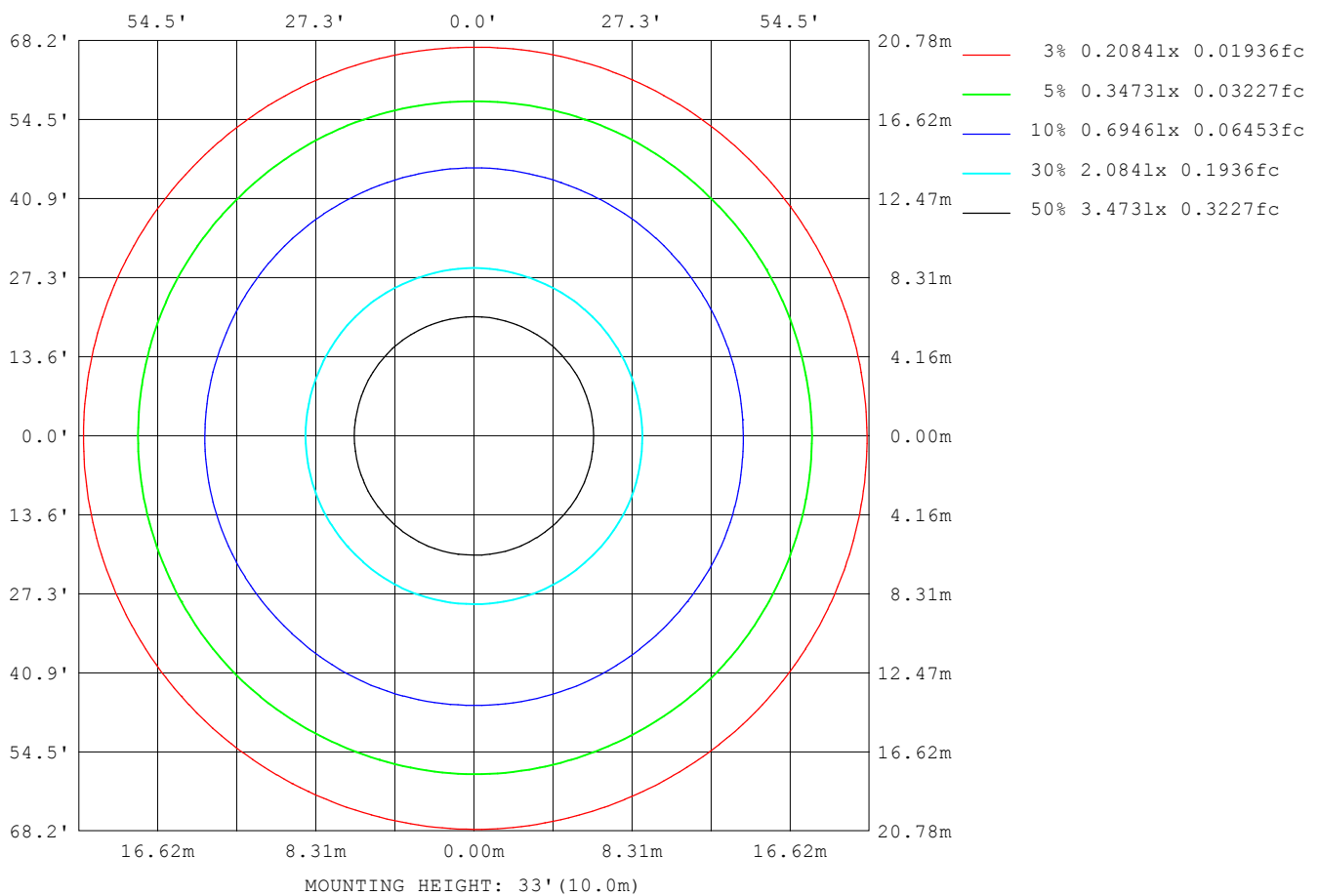
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.2DEG
 Operators:
 Test Date:2023-10-31

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:60%
 Test Distance:8.650m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.07V I:0.3989A P:43.599W PF:0.9102 Freq:60.00Hz Lamp Flux:2064.18x1 lm		
NAME: Ceiling light	TYPE:DVP40248	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.: DVI Lighting Inc.	SUR.:0.45	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2DEG
Operators:
Test Date:2023-10-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:60%
Test Distance:8.650m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.07V I:0.3989A P:43.599W PF:0.9102 Freq:60.00Hz Lamp Flux:2064.18x1 lm		
NAME: Ceiling light	TYPE:DVP40248	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.: DVI Lighting Inc.	SUR.:0.45	Shielding Angle:

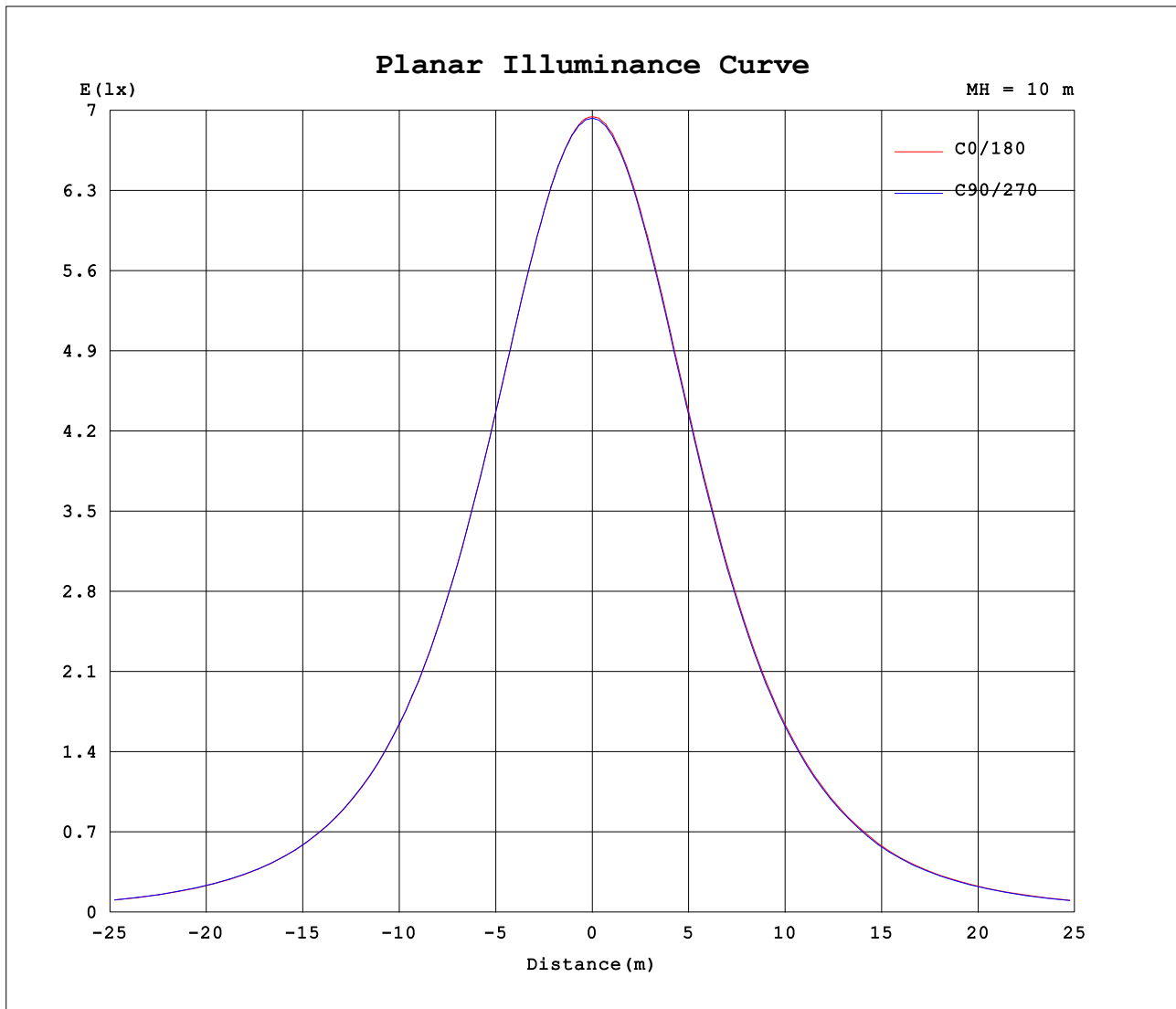
AvgL	cd/m2
L_0~180 (65) av	3558
L_0~180 (75) av	2891
L_0~180 (85) av	1816
L_90~270 (65) av	3539
L_90~270 (75) av	2878
L_90~270 (85) av	1920
L_45 (65) av	3549
L_45 (75) av	2887
L_45 (85) av	1856

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2DEG
Operators:
Test Date:2023-10-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:60%
Test Distance:8.650m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.2DEG
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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity: 60%
Test Distance: 8.650m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.07V I:0.3989A P:43.599W PF:0.9102 Freq:60.00Hz Lamp Flux:2064.18x1 lm		
NAME: Ceiling light	TYPE:DVP40248	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.: DVI Lighting Inc.	SUR.:0.45	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	695	694	694	693	693	693	693	693	695	694	694	693	693	693	693	693			
5	691	692	691	691	690	691	690	690	692	691	691	690	690	690	690	690			
10	682	683	682	682	682	682	681	681	683	681	681	680	681	680	681	680			
15	667	668	668	668	666	667	666	666	667	665	666	665	665	665	665	665			
20	646	647	646	647	646	646	645	645	647	644	644	642	643	643	644	643			
25	619	621	621	621	620	620	618	619	620	617	617	616	616	616	617	618			
30	588	590	588	589	587	588	586	586	588	586	586	583	584	583	585	585			
35	551	553	553	554	551	552	549	550	551	548	549	546	546	546	548	550			
40	509	513	511	513	510	511	508	508	510	507	507	504	505	504	507	508			
45	464	467	467	467	465	465	463	463	464	460	461	457	459	458	461	462			
50	413	419	416	418	415	415	412	413	414	409	410	407	408	407	411	411			
55	359	365	363	364	361	362	357	359	358	354	353	352	352	352	356	356			
60	302	302	305	303	304	300	300	296	296	295	292	293	291	294	294	298			
65	242	244	246	244	244	241	240	238	236	235	232	232	232	233	235	239			
70	181	183	185	184	183	181	180	177	176	173	172	170	172	172	175	178			
75	121	126	124	126	123	124	119	120	117	112	114	111	114	113	118	118			
80	67.8	71.6	71.1	73.7	70.7	71.0	67.1	66.9	64.7	60.8	61.9	59.9	62.8	62.4	66.0	65.2			
85	26.6	29.2	28.8	30.8	29.2	29.1	26.3	26.0	23.8	21.2	22.3	21.6	24.0	23.3	25.6	24.7			
90	4.55	5.89	6.32	6.27	5.36	6.00	5.25	4.63	3.13	2.96	3.24	3.32	3.85	3.83	4.18	3.96			
95	3.72	3.62	3.40	3.43	3.52	3.42	3.33	3.58	2.76	2.87	2.79	2.91	2.99	2.86	2.67	2.88			
100	5.16	4.74	4.48	4.48	5.04	4.72	4.31	4.55	3.90	3.89	3.79	4.04	4.43	4.03	3.58	4.10			
105	7.88	6.76	6.33	6.44	7.64	6.70	5.70	5.60	6.02	5.05	5.08	5.66	6.55	5.87	4.99	5.49			
110	11.6	8.75	8.71	9.39	10.7	9.15	7.83	6.90	8.93	6.26	6.54	7.92	9.29	8.42	6.93	6.72			
115	15.5	12.0	11.4	12.6	14.3	11.9	10.1	10.5	12.4	9.18	8.79	10.8	12.9	11.4	9.32	9.98			
120	19.7	15.4	13.4	16.2	18.3	15.1	11.6	14.3	16.3	12.3	10.6	14.1	16.9	14.8	11.6	13.8			
125	23.8	19.4	15.3	19.6	22.4	18.3	13.1	18.2	20.3	16.0	12.2	17.8	21.2	18.0	13.3	17.7			
130	27.6	22.8	18.9	22.4	26.2	20.9	16.8	21.5	24.1	19.9	15.5	20.9	25.1	21.4	16.1	21.2			
135	30.8	26.1	22.4	25.7	29.9	24.7	21.6	24.8	27.8	23.0	19.7	24.2	29.0	24.7	20.5	24.4			
140	33.4	29.9	26.8	29.2	32.9	28.6	26.5	28.5	30.9	26.5	24.2	28.5	32.2	28.8	25.6	28.0			
145	35.9	34.2	31.3	32.6	35.2	32.7	30.4	32.0	33.5	30.2	28.9	32.3	34.5	32.6	30.0	32.0			
150	38.9	37.9	35.1	35.5	37.4	36.6	33.9	35.0	36.1	33.4	32.6	35.5	36.7	35.9	33.6	35.7			
155	42.3	41.4	38.7	38.5	39.9	40.0	37.2	37.8	38.9	36.7	34.6	37.7	39.5	39.0	37.9	40.1			
160	45.1	43.8	41.7	41.1	42.6	42.7	40.5	40.3	42.1	39.5	37.2	40.5	42.0	42.4	41.6	43.5			
165	47.7	45.8	44.4	43.7	45.8	44.6	42.9	42.8	45.0	42.5	40.1	42.4	44.6	44.8	45.0	46.0			
170	53.7	53.5	52.6	50.5	52.2	51.4	51.3	50.3	52.7	49.9	49.1	49.6	50.9	49.7	52.1	53.7			
175	57.1	57.1	55.1	54.0	55.8	55.7	54.0	54.6	56.7	54.7	52.8	54.5	55.2	53.9	54.5	57.0			
180	58.7	57.0	56.4	54.8	57.2	56.0	56.5	56.8	58.7	56.9	56.4	54.9	57.2	56.0	56.5	56.9			

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