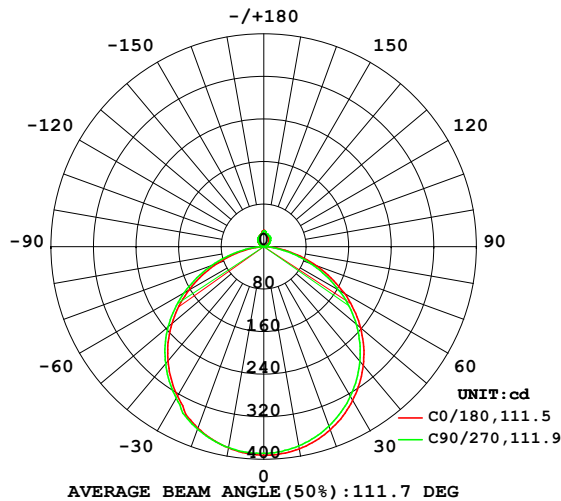


LUMINAIRE PHOTOMETRIC TEST REPORT

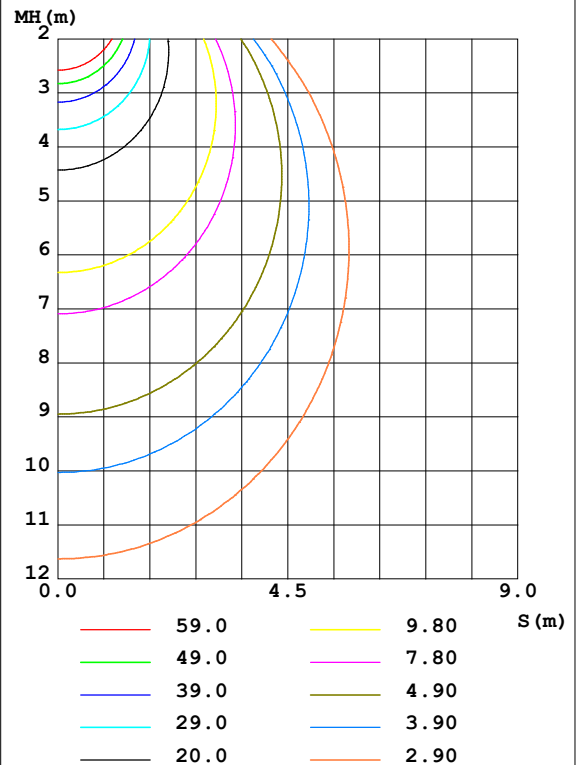
Test:U:120.14V I:0.2153A P:24.051W PF:0.9300 Freq:60.00Hz Lamp Flux:1148.98x1 lm		
NAME: Ceiling light	TYPE:DVP40238	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.: DVI Lighting Inc.	SUR.:0.348	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 47.77 lm/W			
MODEL		Imax(cd)	392.3	S/MH(C0/180)	1.24
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)		TOTAL FLUX(lm)	1149.0	η UP,DN(C0-180)	2.7,47.0
NOMINAL FLUX(lm)	1148.98	CIE CLASS	DIRECT	η UP,DN(C180-360)	2.4,47.9
LAMPS INSIDE	1	η up(%)	5.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)		η down(%)	94.9	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	386.2	382.9	380.2	379.5	384.1	383.1	383.5	383.3	0- 10	36.85	36.85	3.21,3.21
20	366.7	362.2	358.8	357.5	363.0	363.3	365.0	365.1	10- 20	105.6	142.4	12.4,12.4
30	334.2	329.4	325.4	323.4	324.7	326.6	329.4	329.9	20- 30	159.8	302.2	26.3,26.3
40	291.1	286.0	281.3	278.5	280.4	283.2	287.2	288.3	30- 40	192.2	494.4	43,43
50	238.0	232.6	227.0	223.3	225.6	229.3	234.8	236.6	40- 50	199.5	693.9	60.4,60.4
60	174.4	168.4	161.7	157.9	161.8	166.3	172.5	175.1	50- 60	178.7	872.6	75.9,75.9
70	105.7	100.7	95.04	90.93	93.57	98.28	104.4	107.9	60- 70	131.9	1005	87.4,87.4
80	40.57	37.35	33.01	29.43	30.41	34.27	39.67	42.39	70- 80	70.28	1075	93.5,93.5
90	1.830	1.713	1.684	1.639	1.304	1.190	1.532	1.841	80- 90	15.78	1091	94.9,94.9
100	2.355	2.355	3.094	2.674	2.404	1.879	2.176	1.492	90-100	1.947	1093	95.1,95.1
110	4.726	3.937	6.461	4.807	5.810	3.269	4.961	2.290	100-110	3.516	1096	95.4,95.4
120	8.567	6.297	10.73	7.504	9.817	5.239	9.009	4.101	110-120	5.805	1102	95.9,95.9
130	12.82	8.058	15.52	9.241	13.90	7.698	13.48	6.525	120-130	8.245	1110	96.6,96.6
140	16.47	13.10	19.49	13.89	17.24	12.04	17.79	11.14	130-140	9.922	1120	97.5,97.5
150	18.68	17.93	21.82	18.66	19.95	17.69	20.60	16.85	140-150	10.53	1131	98.4,98.4
160	21.73	20.61	24.21	21.75	22.40	19.93	22.34	20.01	150-160	9.355	1140	99.2,99.2
170	25.25	25.87	26.40	24.66	25.52	22.84	24.47	23.45	160-170	6.471	1146	99.8,99.8
180	30.77	29.44	30.12	28.89	30.83	29.52	30.18	28.87	170-180	2.593	1149	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 595 lm

%lum = 51.8%

%lamp = 51.8%

Conical surface Flux(120deg): 872.63 lm

%lum = 75.9%

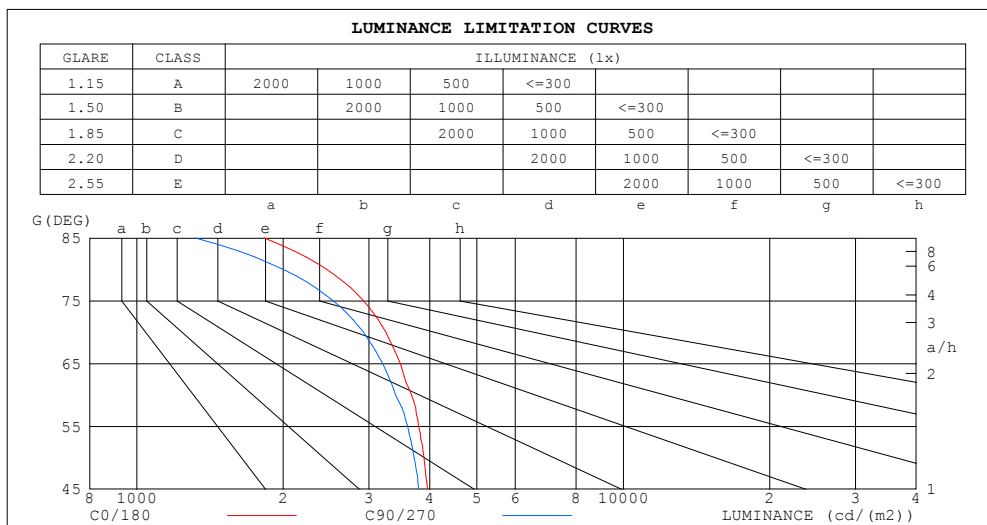
%lamp = 75.9%

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:120.14V I:0.2153A P:24.051W PF:0.9300 Freq:60.00Hz Lamp Flux:1148.98x1 lm		
NAME: Ceiling light	TYPE:DVP40238	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.: DVI Lighting Inc.	SUR.:0.348	Shielding Angle:



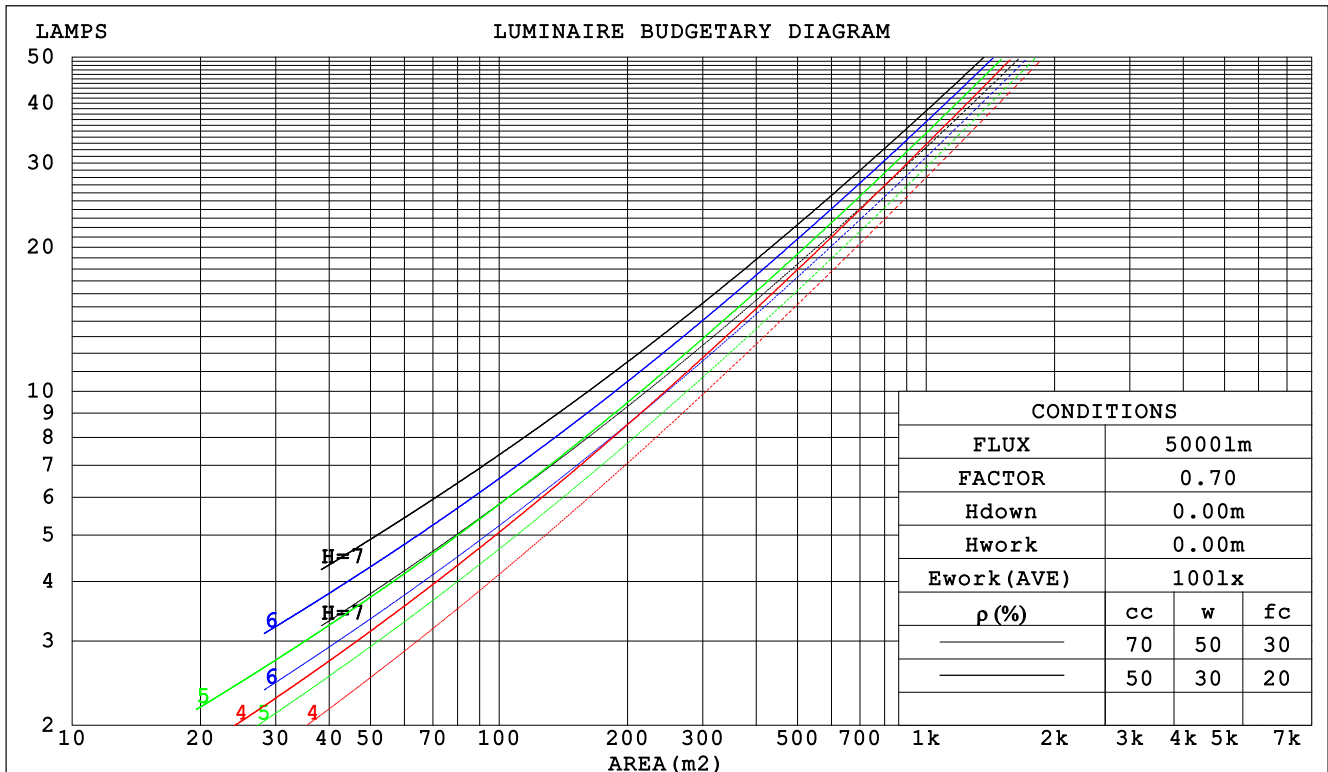
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2DEG
Operators:
Test Date:2023-10-31

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:120.14V I:0.2153A P:24.051W PF:0.9300 Freq:60.00Hz Lamp Flux:1148.98x1 lm		
NAME: Ceiling light	TYPE:DVP40238	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.: DVI Lighting Inc.	SUR.:0.348	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	1.18	1.18	1.18	1.15	1.15	1.15	1.08	1.08	1.08	1.03	1.03	1.03	.97	.97	.97	.95
1.0	1.03	.99	.95	1.00	.97	.93	.95	.92	.89	.91	.88	.86	.86	.84	.82	.80
2.0	.90	.83	.78	.88	.82	.76	.83	.78	.74	.79	.75	.71	.76	.72	.69	.67
3.0	.79	.71	.65	.77	.70	.64	.73	.67	.62	.70	.65	.60	.67	.62	.59	.56
4.0	.70	.61	.55	.68	.60	.54	.65	.58	.53	.62	.56	.52	.60	.55	.50	.48
5.0	.63	.54	.47	.61	.53	.47	.58	.51	.46	.56	.50	.45	.54	.48	.44	.41
6.0	.56	.47	.41	.55	.47	.41	.53	.45	.40	.51	.44	.39	.49	.43	.38	.36
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.46	.40	.35	.44	.39	.34	.32
8.0	.46	.38	.32	.46	.38	.32	.44	.37	.31	.42	.36	.31	.41	.35	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.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:120.14V I:0.2153A P:24.051W PF:0.9300 Freq:60.00Hz Lamp Flux:1148.98x1 lm					
NAME: Ceiling light			TYPE:DVP40238		WEIGHT:
SPEC.:4000K			DIM.:		SERIAL No.:
MFR.: DVI Lighting Inc.			SUR.:0.348		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	.300	.170	.054	.291	.166	.053	.275	.158	.050	.260	.150	.048	.247	.143	.046		
2.0	.284	.156	.048	.276	.152	.047	.262	.146	.045	.249	.140	.044	.237	.134	.042		
3.0	.264	.140	.042	.257	.138	.041	.244	.132	.040	.233	.127	.039	.222	.123	.038		
4.0	.244	.127	.037	.238	.125	.037	.227	.120	.036	.216	.116	.035	.206	.112	.034		
5.0	.226	.115	.033	.221	.113	.033	.211	.110	.032	.201	.106	.032	.192	.103	.031		
6.0	.210	.105	.030	.205	.104	.030	.196	.101	.029	.188	.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	.172	.086	.024	.165	.083	.024	.158	.081	.024		
9.0	.172	.083	.023	.168	.082	.023	.161	.080	.023	.155	.078	.022	.149	.076	.022		
10.0	.162	.077	.022	.158	.076	.021	.152	.075	.021	.146	.073	.021	.141	.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	.229	.229	.229	.196	.196	.196	.134	.134	.134	.077	.077	.077	.025	.025	.025	
1.0	.219	.195	.174	.187	.168	.150	.128	.115	.104	.074	.067	.060	.024	.021	.019	
2.0	.211	.171	.138	.180	.147	.120	.124	.102	.083	.071	.059	.049	.023	.019	.016	
3.0	.203	.154	.115	.174	.133	.099	.119	.092	.070	.069	.054	.041	.022	.017	.013	
4.0	.195	.141	.099	.168	.121	.086	.115	.085	.060	.067	.050	.036	.021	.016	.012	
5.0	.188	.130	.088	.162	.113	.076	.111	.079	.054	.064	.046	.032	.021	.015	.011	
6.0	.181	.122	.080	.156	.106	.069	.107	.074	.049	.062	.043	.029	.020	.014	.010	
7.0	.174	.115	.074	.150	.100	.064	.104	.070	.045	.060	.041	.027	.019	.013	.009	
8.0	.168	.109	.069	.145	.095	.060	.100	.067	.043	.058	.039	.025	.019	.013	.008	
9.0	.162	.105	.066	.140	.091	.057	.097	.064	.041	.056	.038	.024	.018	.012	.008	
10.0	.156	.100	.063	.135	.087	.055	.094	.061	.039	.055	.036	.023	.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:120.14V I:0.2153A P:24.051W PF:0.9300 Freq:60.00Hz Lamp Flux:1148.98x1 lm										
NAME: Ceiling light					TYPE:DVP40238			WEIGHT:		
SPEC.:4000K					DIM.:			SERIAL No.:		
MFR.: DVI Lighting Inc.					SUR.:0.348			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	17.3	18.7	17.6	19.0	19.3	17.0	18.5	17.4	18.8	19.1
3H	18.7	20.1	19.1	20.4	20.7	18.4	19.7	18.8	20.0	20.4
4H	19.3	20.5	19.7	20.9	21.2	18.9	20.1	19.3	20.5	20.8
6H	19.6	20.8	20.1	21.2	21.6	19.2	20.3	19.6	20.7	21.1
8H	19.7	20.9	20.2	21.2	21.6	19.2	20.3	19.6	20.7	21.1
12H	19.8	20.9	20.2	21.2	21.7	19.2	20.3	19.6	20.7	21.1
4H 2H	17.8	19.1	18.2	19.4	19.8	17.6	18.9	18.0	19.2	19.6
3H	19.5	20.5	19.9	20.9	21.3	19.2	20.3	19.6	20.6	21.1
4H	20.1	21.1	20.6	21.5	22.0	19.8	20.8	20.2	21.2	21.6
6H	20.6	21.5	21.1	21.9	22.4	20.1	21.0	20.6	21.5	21.9
8H	20.7	21.5	21.2	22.0	22.5	20.2	21.1	20.7	21.5	22.0
12H	20.8	21.5	21.3	22.0	22.5	20.3	21.0	20.8	21.5	22.0
8H 4H	20.3	21.1	20.8	21.6	22.1	20.0	20.8	20.5	21.3	21.7
6H	20.9	21.6	21.4	22.1	22.6	20.5	21.2	21.0	21.7	22.2
8H	21.1	21.7	21.6	22.2	22.8	20.6	21.2	21.2	21.8	22.3
12H	21.2	21.7	21.8	22.3	22.9	20.7	21.2	21.3	21.8	22.4
12H 4H	20.3	21.0	20.8	21.5	22.0	20.0	20.7	20.5	21.2	21.7
6H	20.9	21.5	21.5	22.0	22.6	20.5	21.1	21.1	21.6	22.2
8H	21.2	21.7	21.7	22.2	22.8	20.7	21.2	21.3	21.8	22.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.3				

CIE Pub.117, 1149 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 0.5)
Area: 0.0950666 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:120.14V I:0.2153A P:24.051W PF:0.9300 Freq:60.00Hz Lamp Flux:1148.98x1 lm		
NAME: Ceiling light	TYPE:DVP40238	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.: DVI Lighting Inc.	SUR.:0.348	Shielding Angle:

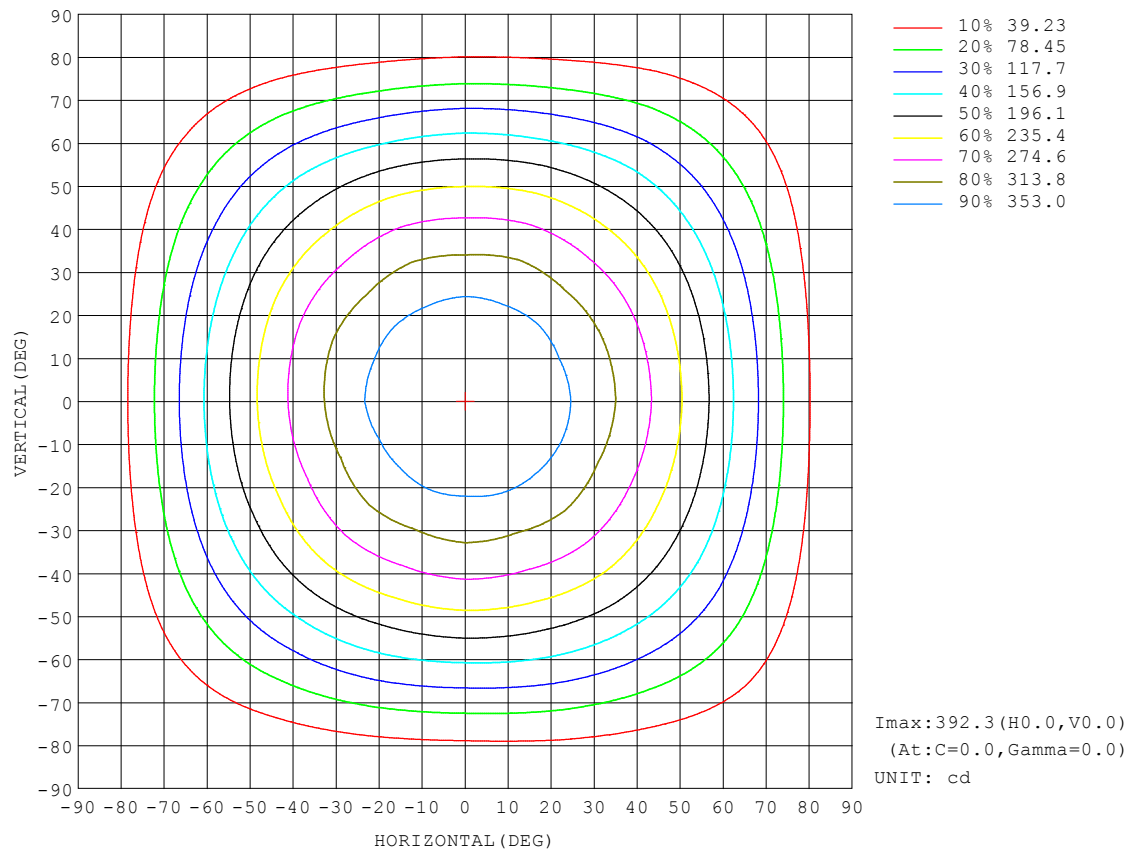
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	38	56	45	38	54	44	38	31
0.80	67	55	48	65	54	47	63	53	47	40
1.00	75	64	57	73	63	56	71	64	55	48
1.25	82	72	65	80	71	64	77	69	63	55
1.50	87	77	70	85	76	70	81	74	68	60
2.00	94	85	79	92	84	78	88	81	76	67
2.50	98	90	84	95	88	83	91	85	80	71
3.00	101	94	89	99	92	87	94	89	85	75
4.00	105	100	95	102	97	93	97	93	90	79
5.00	108	103	99	105	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:120.14V I:0.2153A P:24.051W PF:0.9300 Freq:60.00Hz Lamp Flux:1148.98x1 lm		
NAME: Ceiling light	TYPE:DVP40238	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.: DVI Lighting Inc.	SUR.:0.348	Shielding Angle:

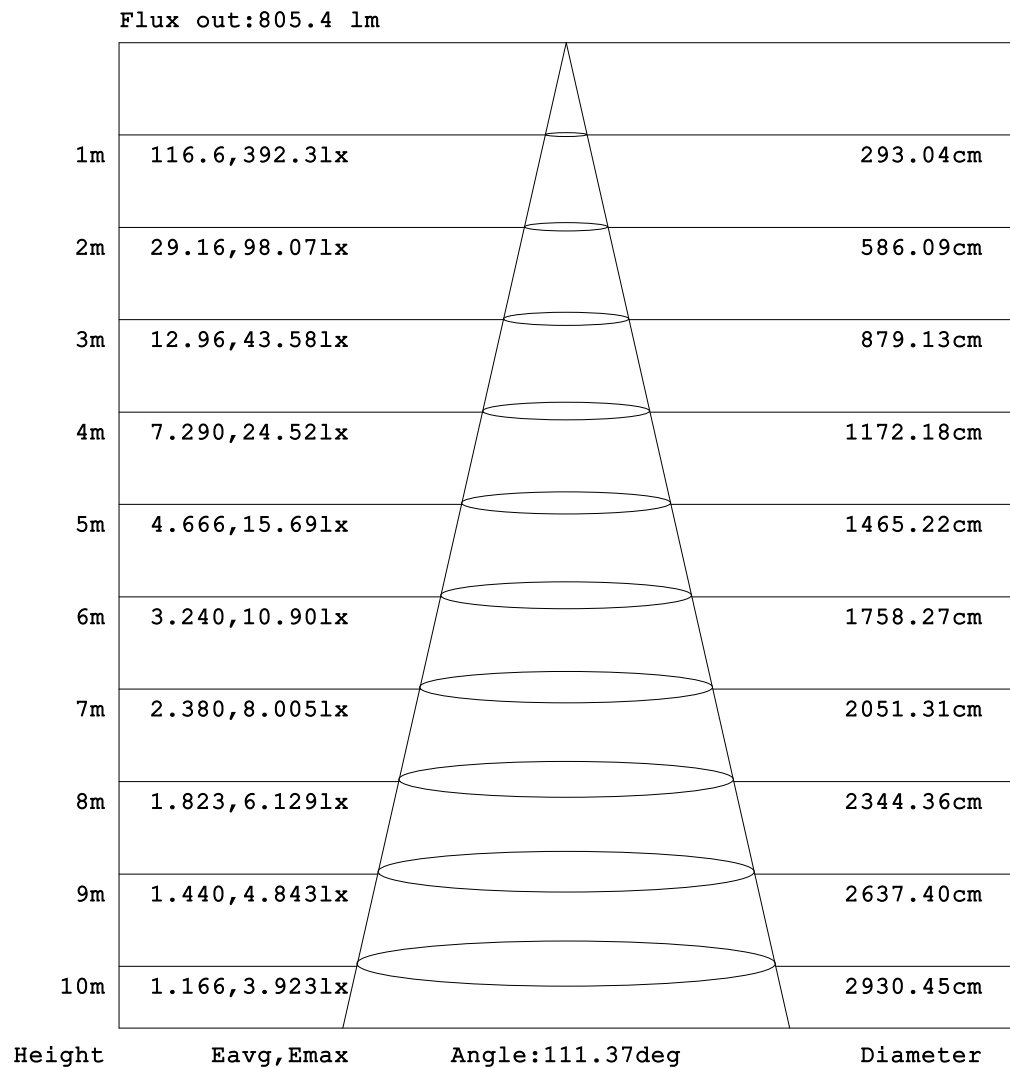


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.2DEG
Operators:
Test Date:2023-10-31

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:120.14V I:0.2153A P:24.051W PF:0.9300 Freq:60.00Hz Lamp Flux:1148.98x1 lm		
NAME: Ceiling light	TYPE:DVP40238	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.: DVI Lighting Inc.	SUR.:0.348	Shielding Angle:



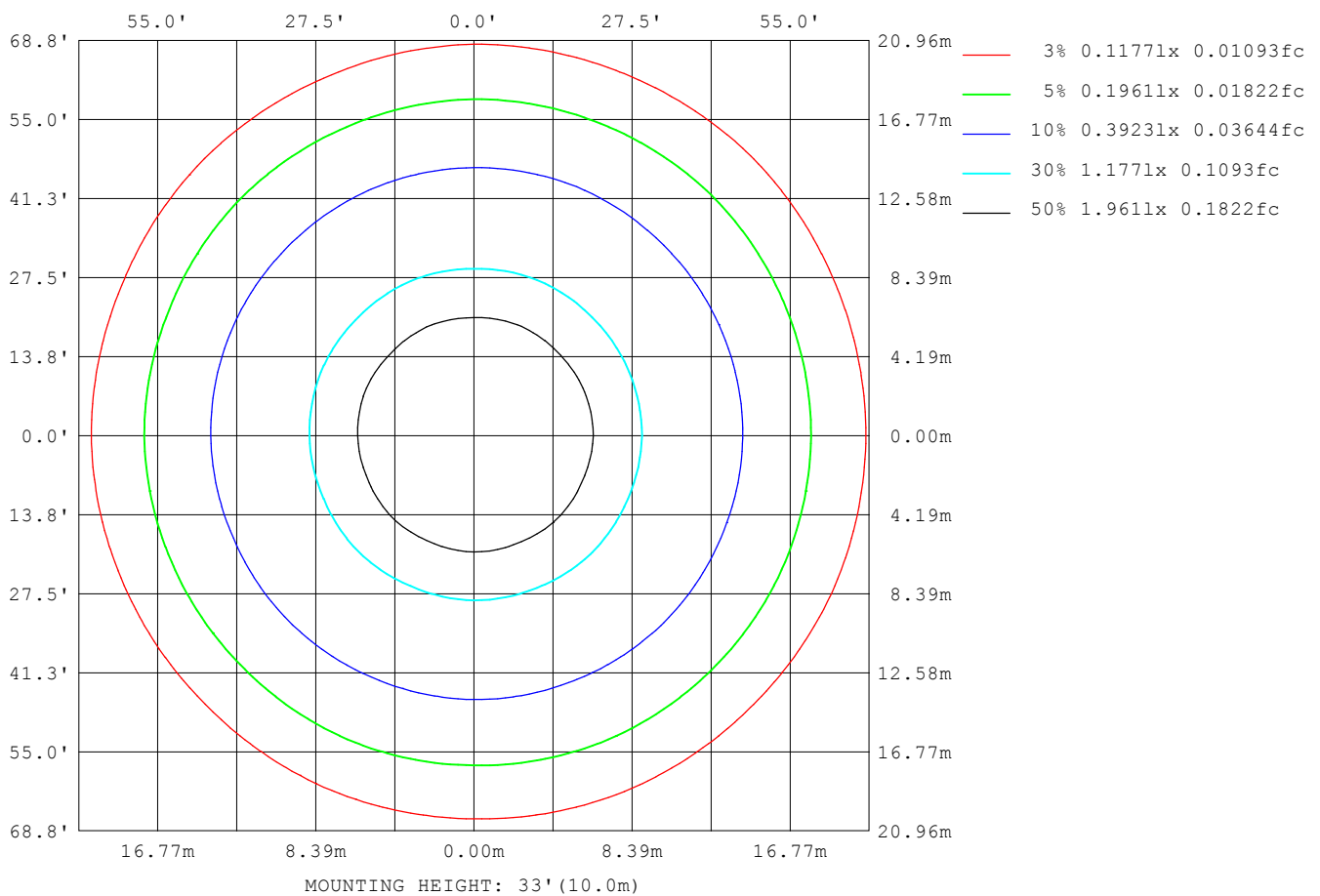
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.14V I:0.2153A P:24.051W PF:0.9300 Freq:60.00Hz Lamp Flux:1148.98x1 lm		
NAME: Ceiling light	TYPE:DVP40238	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.: DVI Lighting Inc.	SUR.:0.348	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:120.14V I:0.2153A P:24.051W PF:0.9300 Freq:60.00Hz Lamp Flux:1148.98x1 lm		
NAME: Ceiling light	TYPE:DVP40238	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.: DVI Lighting Inc.	SUR.:0.348	Shielding Angle:

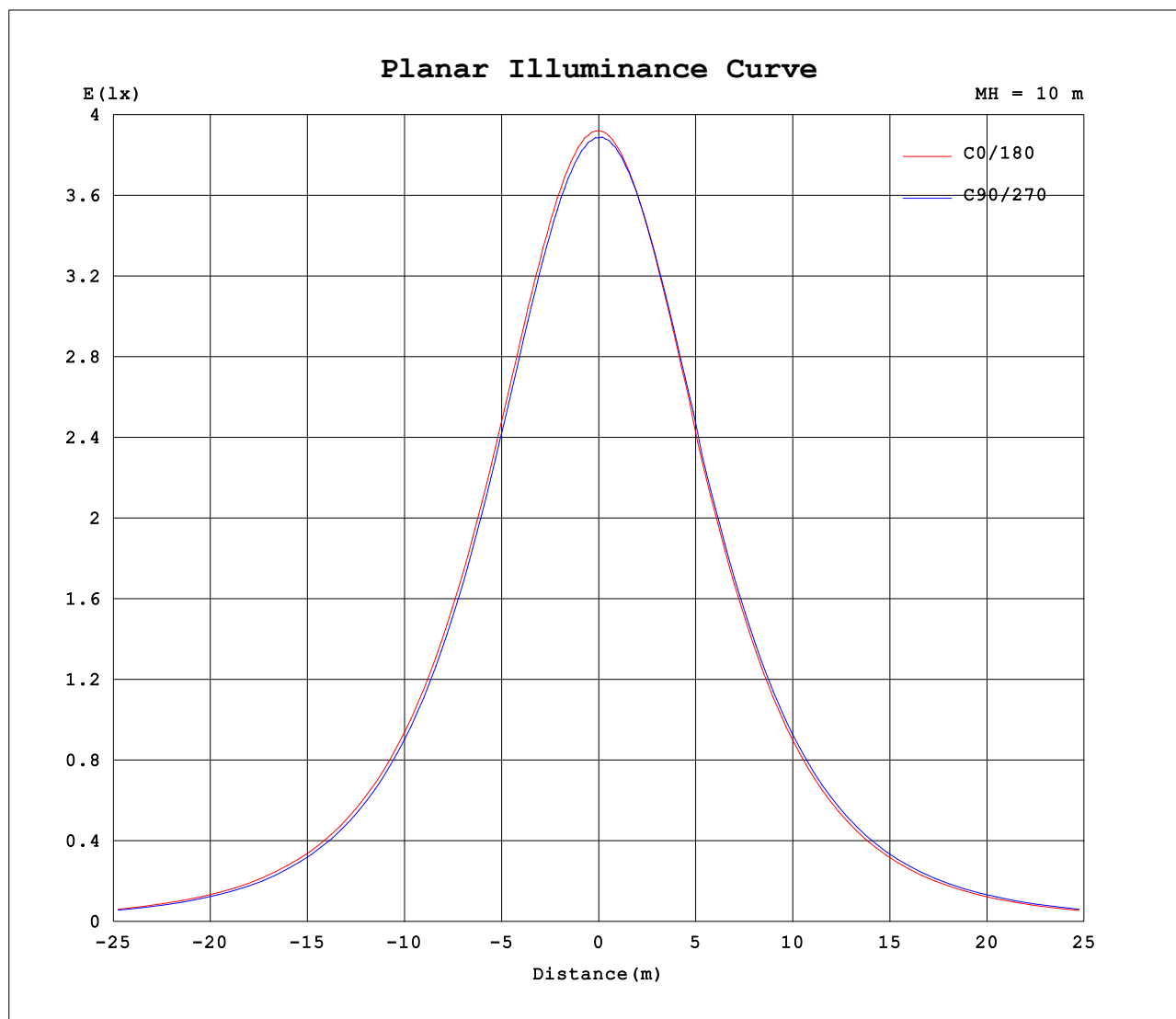
AvgL	cd/m2
L_0~180 (65) av	3330
L_0~180 (75) av	2684
L_0~180 (85) av	1431
L_90~270 (65) av	3329
L_90~270 (75) av	2704
L_90~270 (85) av	1554
L_45 (65) av	3321
L_45 (75) av	2688
L_45 (85) av	1493

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



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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:120.14V I:0.2153A P:24.051W PF:0.9300 Freq:60.00Hz Lamp Flux:1148.98x1 lm		
NAME: Ceiling light	TYPE:DVP40238	WEIGHT:
SPEC.:4000K	DIM.:	SERIAL No.:
MFR.: DVI Lighting Inc.	SUR.:0.348	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	392	391	390	389	388	389	388	388	392	391	390	389	388	389	388	388			
5	391	390	388	388	387	386	385	385	390	389	388	388	388	388	387	387			
10	386	385	383	382	380	380	380	379	384	383	383	383	383	383	383	382			
15	377	376	375	373	372	371	370	370	375	375	375	375	376	376	376	375			
20	367	365	362	361	359	359	358	358	363	362	363	363	365	364	365	364			
25	352	351	348	345	344	340	342	339	348	347	349	349	351	351	351	350			
30	334	328	329	324	325	321	323	320	325	329	327	332	329	333	330	333			
35	314	308	309	304	305	300	302	299	304	308	306	311	310	314	310	313			
40	291	286	286	281	281	277	279	276	280	284	283	288	287	291	288	290			
45	266	261	260	256	256	251	252	250	255	258	258	263	262	266	264	265			
50	238	234	233	228	227	223	223	221	226	228	229	234	235	238	237	238			
55	207	204	202	198	196	193	192	191	195	197	199	203	205	207	207	207			
60	174	172	168	166	162	161	158	159	162	162	166	169	172	174	175	174			
65	140	139	135	133	129	128	125	126	128	128	133	134	139	140	142	140			
70	106	105	101	99.2	95.0	93.8	90.9	91.5	93.6	93.8	98.3	100.0	104	105	108	106			
75	71.9	71.2	67.7	66.2	62.4	61.5	58.3	59.1	60.1	60.5	64.6	66.4	70.7	71.5	74.0	72.3			
80	40.6	40.5	37.4	36.6	33.0	32.0	29.4	29.9	30.4	30.7	34.3	35.8	39.7	40.2	42.4	40.9			
85	15.2	15.2	13.5	13.1	10.9	10.4	8.36	8.40	8.56	8.58	11.0	12.1	14.8	15.1	16.6	15.4			
90	1.83	1.99	1.71	1.82	1.68	1.69	1.64	1.78	1.30	1.26	1.19	1.22	1.53	1.61	1.84	1.51			
95	1.83	1.93	1.85	2.05	2.14	2.10	2.06	2.18	1.65	1.69	1.49	1.50	1.48	1.35	1.20	1.33			
100	2.36	2.39	2.36	2.68	3.09	2.79	2.67	2.87	2.40	2.43	1.88	2.05	2.18	1.85	1.49	1.76			
105	3.26	3.10	3.07	3.79	4.52	3.87	3.67	4.23	3.94	3.41	2.47	3.01	3.33	2.67	1.81	2.45			
110	4.73	4.00	3.94	5.18	6.46	5.35	4.81	5.24	5.81	4.48	3.27	4.30	4.96	3.87	2.29	3.22			
115	6.58	5.07	4.98	6.73	8.61	6.53	6.01	6.29	7.73	5.29	4.24	5.70	6.86	5.39	3.14	3.81			
120	8.57	6.98	6.30	8.05	10.7	7.77	7.50	8.36	9.82	6.73	5.24	7.45	9.01	7.24	4.10	5.21			
125	10.7	9.04	7.37	9.54	13.2	9.69	8.40	10.5	11.9	8.85	6.51	9.00	11.3	8.67	5.56	7.42			
130	12.8	11.1	8.06	11.7	15.5	11.7	9.24	12.6	13.9	11.1	7.70	11.0	13.5	10.5	6.52	9.26			
135	14.8	12.7	10.3	13.5	17.7	13.2	11.0	14.4	16.0	13.3	9.07	13.1	15.7	12.3	8.12	10.7			
140	16.5	13.9	13.1	15.1	19.5	14.8	13.9	15.6	17.2	15.1	12.0	14.3	17.8	13.9	11.1	12.8			
145	17.6	16.3	15.9	17.3	20.8	16.9	16.3	17.8	18.5	16.9	15.2	15.9	19.3	16.0	14.4	15.0			
150	18.7	18.2	17.9	19.3	21.8	19.7	18.7	19.7	20.0	18.3	17.7	18.5	20.6	18.2	16.9	16.9			
155	20.0	19.8	19.0	20.8	22.9	21.8	20.3	21.0	21.1	19.6	19.0	20.7	21.3	19.9	18.8	19.2			
160	21.7	21.5	20.6	21.8	24.2	23.4	21.8	22.1	22.4	20.5	19.9	21.8	22.3	21.2	20.0	21.2			
165	23.6	23.0	22.3	23.0	25.0	24.6	23.3	22.8	23.9	22.0	21.2	22.9	23.5	22.4	21.6	22.7			
170	25.3	24.9	25.9	25.7	26.4	25.3	24.7	24.3	25.5	23.5	22.8	23.6	24.5	23.5	23.5	23.6			
175	29.5	29.8	28.6	28.2	29.2	28.8	28.0	27.6	29.6	28.0	28.0	28.2	28.1	26.7	27.8	28.5			
180	30.8	29.9	29.4	29.7	30.1	29.1	28.9	29.4	30.8	29.9	29.5	29.6	30.2	29.1	28.9	29.4			

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