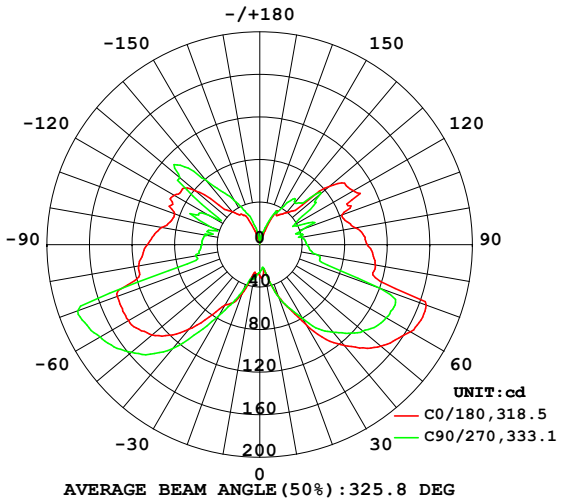
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.40V I:0.1810A P:17.200W PF:0.7890 Freq:60.00Hz Lamp Flux:1294.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:1.1*0.3	Shielding Angle:

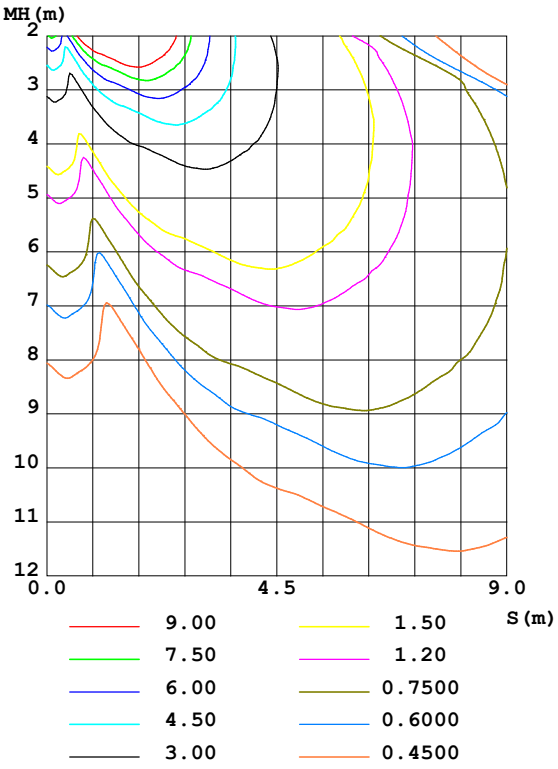
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 75.26 lm/W	
MODEL	16127CLBKAB	Imax(cd)	184.4	S/MH(C0/180)	3.54
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	4.06
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1294.5	η UP,DN(C0-180)	17.8,29.4
NOMINAL FLUX(lm)	1294.49	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	20.9,31.8
LAMPS INSIDE	1	η up(%)	38.8	CIBSE SHR NOM	1.75
TEST VOLTAGE(V)	120	η down(%)	61.2	CIBSE SHR MAX	1.75

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):325.8 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-10-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:7.870m [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	22.92	24.34	22.95	28.05	26.51	33.13	32.95	30.88	0- 10	2.611	2.611	0.20,0.20
20	52.43	55.30	52.98	53.30	49.32	46.57	45.13	47.14	10- 20	10.74	13.35	1.03,1.03
30	86.72	86.44	79.71	72.58	65.96	70.72	76.77	78.41	20- 30	29.89	43.24	3.34,3.34
40	123.8	124.5	108.0	102.7	104.0	114.6	127.9	119.4	30- 40	61.84	105.1	8.12,8.12
50	148.8	150.8	126.8	124.1	132.3	138.9	157.6	155.3	40- 50	101.4	206.5	16,16
60	163.7	168.1	137.4	138.0	142.5	155.9	173.5	175.7	50- 60	134.8	341.3	26.4,26.4
70	166.6	174.1	120.7	139.0	142.7	165.2	182.2	180.5	60- 70	156.8	498.1	38.5,38.5
80	110.5	122.2	54.50	115.3	115.6	139.1	61.36	134.4	70- 80	153.5	651.6	50.3,50.3
90	101.2	112.1	44.42	105.6	105.8	127.7	54.38	122.1	80- 90	141.2	792.8	61.2,61.2
100	91.76	105.7	40.88	97.35	93.64	120.0	50.55	110.6	90-100	130.6	923.5	71.3,71.3
110	82.50	111.4	44.42	95.53	85.44	115.8	49.04	122.5	100-110	113.3	1037	80.1,80.1
120	101.7	112.4	38.02	93.09	93.01	101.8	54.85	103.6	110-120	93.07	1130	87.3,87.3
130	84.72	56.28	75.15	48.92	78.36	73.15	98.37	70.04	120-130	72.09	1202	92.8,92.8
140	39.53	49.97	51.54	47.66	40.79	54.33	79.79	46.76	130-140	45.86	1248	96.4,96.4
150	31.70	27.16	38.07	35.07	32.37	45.59	48.27	41.64	140-150	28.63	1276	98.6,98.6
160	12.74	14.75	21.36	22.54	13.77	28.84	29.17	19.70	150-160	13.60	1290	99.7,99.7
170	4.149	6.398	8.093	8.205	4.941	9.605	11.25	6.938	160-170	4.008	1294	100,100
180	3.600	3.998	4.012	3.529	3.228	4.104	4.052	3.578	170-180	0.5093	1294	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 151.04 lm

%lum = 11.7%
%lamp = 11.7%

Conical surface Flux(120deg): 341.28 lm

%lum = 26.4%
%lamp = 26.4%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-10-31

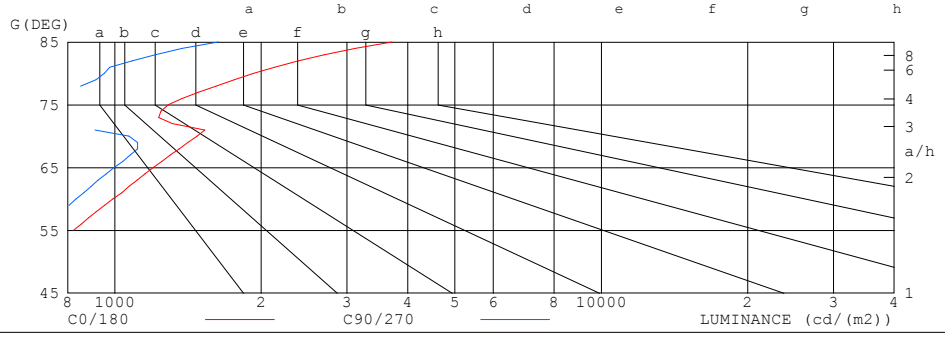
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:7.870m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.40V I:0.1810A P:17.200W PF:0.7890 Freq:60.00Hz Lamp Flux:1294.49x1 lm		
NAME:	**TYPE:**	**WEIGHT:**
SPEC.:	**DIM.:**	**SERIAL No.:**
MFR.:	**SUR.:1.1*0.3**	**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	3714	1631
80	1929	951
75	1289	685
70	1476	1069
65	1200	997
60	992	833
55	823	707
50	701	598
45	587	506

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-10-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:7.870m [K=1.0000]
Remarks:

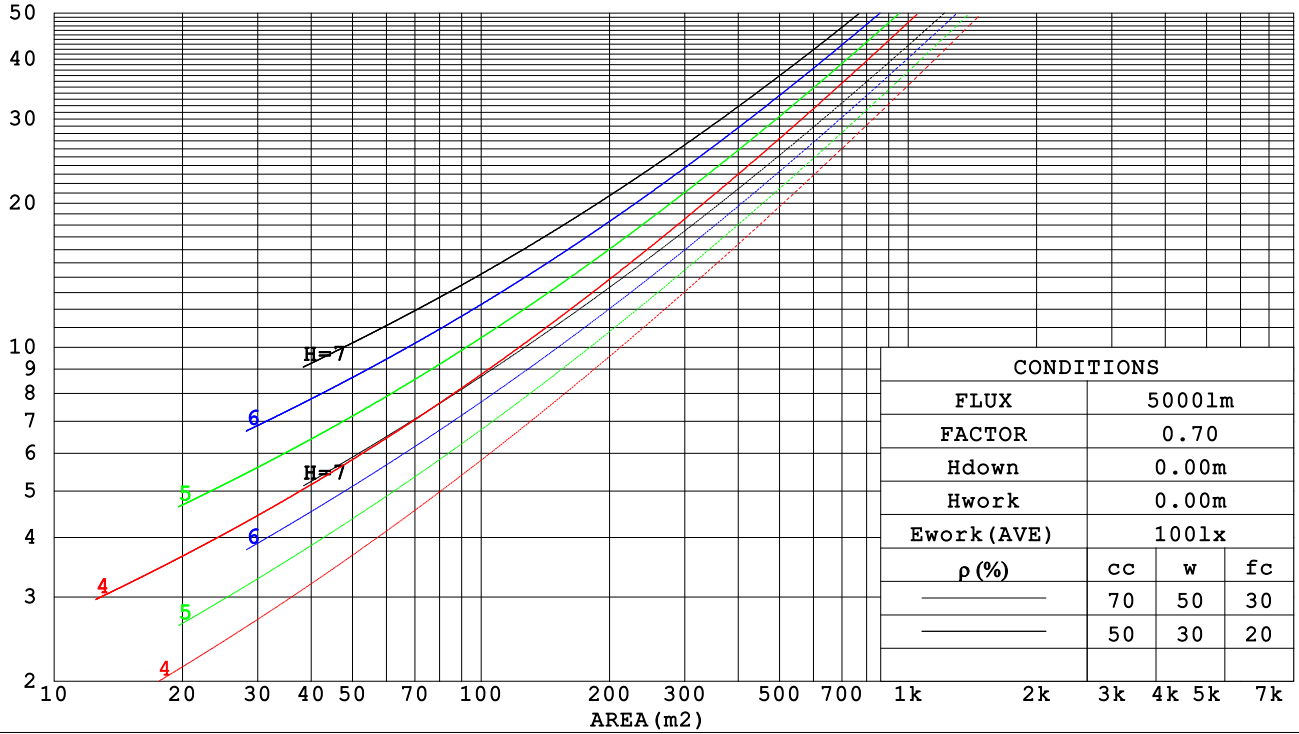
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.40V I:0.1810A P:17.200W PF:0.7890 Freq:60.00Hz Lamp Flux:1294.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:1.1*0.3	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	1.10	1.10	1.10	1.03	1.03	1.03	.90	.90	.90	.78	.78	.78	.66	.66	.66	.61
1.0	.87	.81	.76	.81	.76	.71	.70	.65	.61	.59	.56	.53	.49	.47	.44	.39
2.0	.73	.64	.57	.67	.59	.53	.57	.51	.46	.48	.43	.39	.40	.36	.32	.28
3.0	.62	.52	.44	.57	.48	.41	.48	.41	.35	.40	.35	.30	.33	.28	.25	.20
4.0	.53	.43	.35	.49	.40	.33	.42	.34	.28	.35	.28	.24	.28	.23	.19	.16
5.0	.46	.36	.29	.43	.34	.27	.36	.29	.23	.30	.24	.19	.24	.19	.15	.12
6.0	.41	.31	.24	.38	.29	.22	.32	.25	.19	.27	.20	.16	.21	.17	.13	.10
7.0	.36	.27	.20	.34	.25	.19	.29	.21	.16	.24	.18	.13	.19	.14	.11	.08
8.0	.33	.24	.17	.30	.22	.16	.26	.19	.14	.21	.16	.11	.17	.13	.09	.06
9.0	.29	.21	.15	.27	.19	.14	.23	.17	.12	.19	.14	.10	.16	.11	.08	.05
10.0	.27	.19	.13	.25	.17	.12	.21	.15	.10	.18	.12	.08	.15	.10	.07	.05

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



CONDITIONS			
FLUX	5000lm		
FACTOR	0.70		
Hdown	0.00m		
Hwork	0.00m		
Ework(AVE)	100lx		
ρ(%)	cc	w	fc
———	70	50	30
———	50	30	20

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-10-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:7.870m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:120.40V I:0.1810A P:17.200W PF:0.7890 Freq:60.00Hz Lamp Flux:1294.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:1.1*0.3	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	.447	.254	.081	.428	.244	.078	.392	.225	.072	.359	.207	.066	.329	.191	.061	
2.0	.373	.204	.063	.355	.196	.060	.322	.179	.056	.292	.164	.051	.264	.149	.047	
3.0	.323	.172	.052	.308	.165	.050	.278	.150	.046	.250	.137	.042	.224	.124	.038	
4.0	.286	.149	.044	.272	.142	.042	.245	.130	.039	.219	.118	.035	.195	.106	.032	
5.0	.257	.131	.038	.244	.125	.036	.219	.114	.034	.195	.103	.031	.174	.093	.028	
6.0	.233	.117	.033	.221	.112	.032	.198	.102	.030	.176	.092	.027	.156	.082	.024	
7.0	.214	.106	.030	.202	.101	.029	.181	.091	.026	.161	.083	.024	.142	.074	.022	
8.0	.197	.096	.027	.186	.092	.026	.167	.083	.024	.148	.075	.022	.131	.067	.020	
9.0	.182	.088	.025	.173	.084	.024	.154	.076	.022	.137	.069	.020	.121	.061	.018	
10.0	.170	.081	.023	.161	.078	.022	.144	.070	.020	.128	.063	.018	.112	.056	.016	

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	.486	.486	.486	.415	.415	.415	.283	.283	.283	.163	.163	.163	.052	.052	.052	
1.0	.488	.453	.421	.417	.388	.363	.285	.267	.251	.164	.155	.146	.053	.050	.047	
2.0	.483	.431	.388	.413	.371	.335	.283	.257	.234	.163	.149	.137	.052	.048	.045	
3.0	.476	.416	.368	.408	.359	.319	.280	.249	.224	.162	.146	.132	.052	.047	.043	
4.0	.469	.404	.355	.402	.349	.309	.277	.244	.217	.160	.143	.129	.051	.046	.042	
5.0	.461	.395	.347	.396	.342	.302	.273	.239	.213	.158	.140	.126	.051	.046	.042	
6.0	.454	.388	.341	.390	.336	.297	.269	.235	.210	.156	.138	.125	.050	.045	.041	
7.0	.446	.382	.337	.384	.331	.293	.265	.232	.208	.154	.137	.124	.050	.045	.041	
8.0	.439	.377	.333	.378	.327	.291	.262	.229	.206	.152	.135	.123	.049	.044	.041	
9.0	.433	.372	.331	.373	.323	.288	.258	.227	.205	.151	.134	.122	.049	.044	.040	
10.0	.427	.368	.329	.368	.320	.287	.255	.225	.204	.149	.133	.122	.048	.044	.040	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-10-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:7.870m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.40V I:0.1810A P:17.200W PF:0.7890 Freq:60.00Hz Lamp Flux:1294.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:1.1*0.3	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	9.8	11.1	10.6	11.9	12.9	9.0	10.3	9.8	11.1	12.0
	3H	13.1	14.3	13.9	15.1	16.1	11.9	13.1	12.7	13.9	14.9
	4H	14.4	15.5	15.2	16.3	17.4	12.8	13.9	13.6	14.8	15.8
	6H	15.9	16.9	16.7	17.8	18.8	13.8	14.8	14.6	15.7	16.7
	8H	16.7	17.7	17.5	18.6	19.6	14.3	15.3	15.1	16.1	17.2
	12H	17.7	18.7	18.5	19.5	20.6	14.8	15.8	15.6	16.6	17.7
4H	2H	10.9	12.0	11.7	12.8	13.9	10.4	11.5	11.2	12.3	13.3
	3H	14.3	15.3	15.2	16.1	17.2	13.5	14.4	14.3	15.3	16.4
	4H	15.9	16.8	16.8	17.7	18.8	14.8	15.7	15.6	16.5	17.6
	6H	17.7	18.5	18.6	19.4	20.5	16.1	16.9	17.0	17.8	18.9
	8H	18.7	19.4	19.5	20.3	21.4	16.8	17.5	17.7	18.4	19.6
	12H	19.7	20.4	20.6	21.3	22.5	17.4	18.1	18.3	19.0	20.2
8H	4H	16.6	17.4	17.5	18.3	19.4	15.7	16.5	16.6	17.4	18.5
	6H	18.8	19.4	19.7	20.3	21.5	17.6	18.2	18.5	19.1	20.3
	8H	20.0	20.6	20.9	21.5	22.7	18.6	19.2	19.5	20.1	21.3
	12H	21.4	21.9	22.3	22.9	24.0	19.7	20.2	20.6	21.1	22.3
12H	4H	16.7	17.4	17.6	18.3	19.5	16.0	16.7	16.9	17.6	18.7
	6H	19.0	19.6	19.9	20.5	21.7	17.9	18.5	18.8	19.4	20.6
	8H	20.4	20.9	21.3	21.8	23.0	19.1	19.6	20.1	20.6	21.8
Variations with the observer position at spacings:											
S = 1.0H		+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H		+ 0.2 / - 0.3					+ 0.2 / - 0.2				
2.0H		+ 0.3 / - 0.4					+ 0.3 / - 0.4				

CIE Pub.117, 1294 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.9)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-10-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:7.870m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.40V I:0.1810A P:17.200W PF:0.7890 Freq:60.00Hz Lamp Flux:1294.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:1.1*0.3	Shielding Angle:

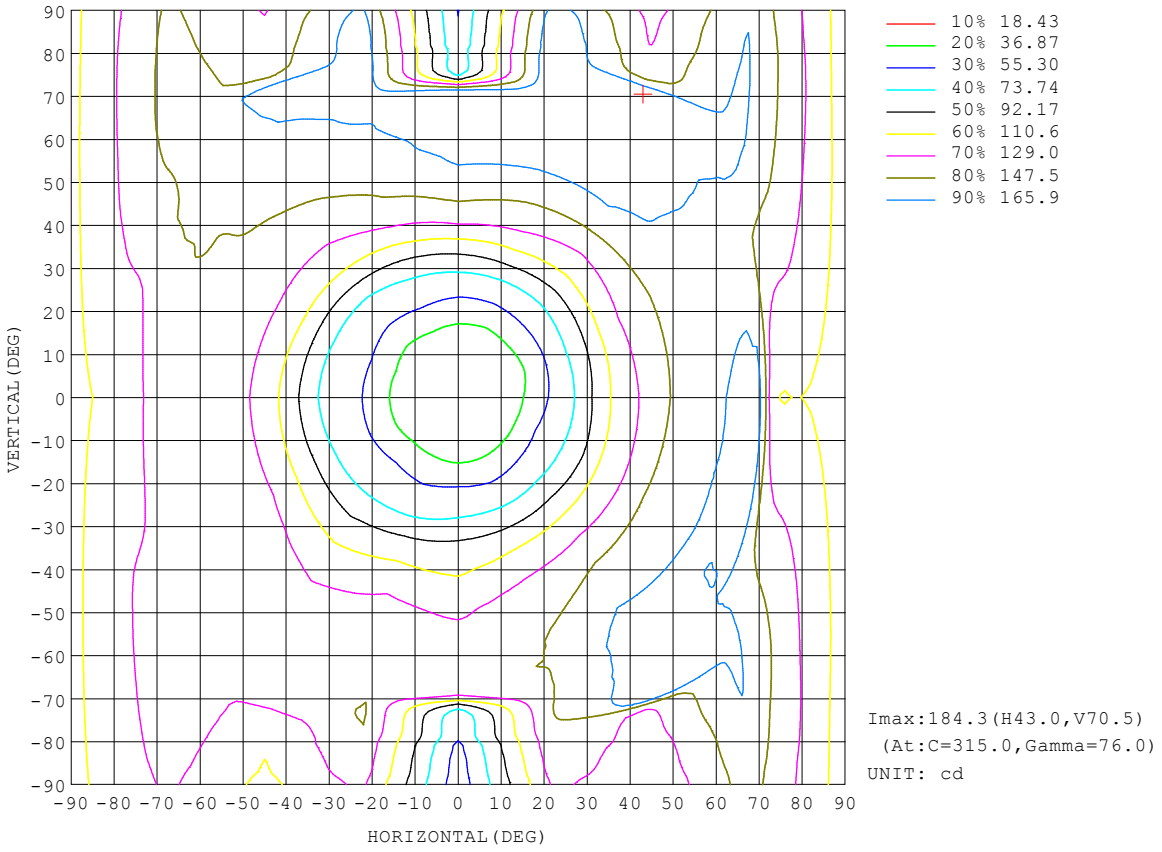
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	35	22	14	34	21	13	31	19	13	5
0.80	44	29	20	41	28	19	37	26	18	9
1.00	51	36	27	48	35	26	43	34	24	13
1.25	58	43	33	55	41	32	49	37	29	16
1.50	64	49	39	60	47	37	53	42	34	20
2.00	72	58	48	67	55	46	59	49	41	25
2.50	77	65	55	72	61	52	63	54	47	29
3.00	82	70	61	76	66	58	66	58	51	32
4.00	87	77	69	82	73	65	71	64	58	37
5.00	91	82	75	85	77	70	74	68	62	40
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:25.3DEG
Operators:DAMIN
Test Date:2026-10-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:7.870m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.40V I:0.1810A P:17.200W PF:0.7890 Freq:60.00Hz Lamp Flux:1294.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:1.1*0.3	Shielding Angle:



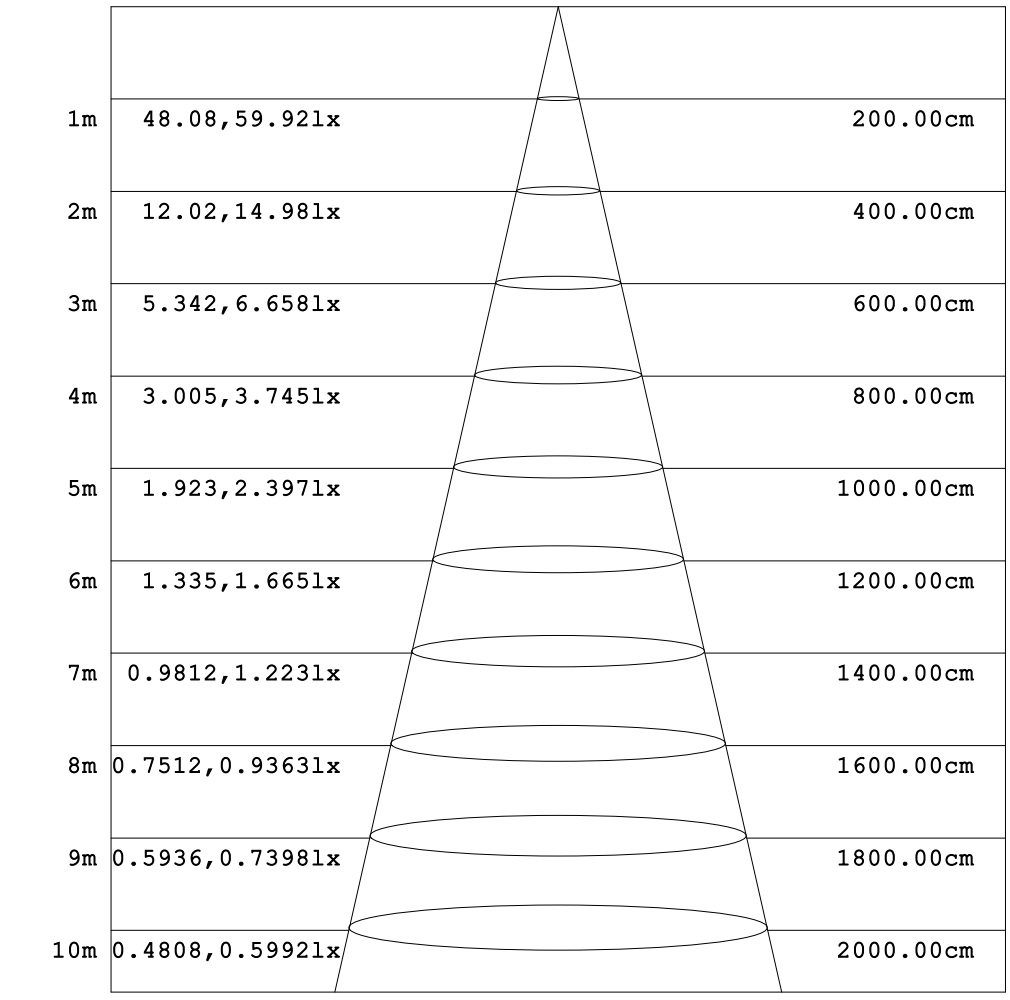
C Range: 0 - 360DEG
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Test Speed: HIGH
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:7.870m [K=1.0000]
Remarks:

AAI Figure

Test:U:120.40V I:0.1810A P:17.200W PF:0.7890 Freq:60.00Hz Lamp Flux:1294.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:1.1*0.3	Shielding Angle:

Flux out:151.0 lm



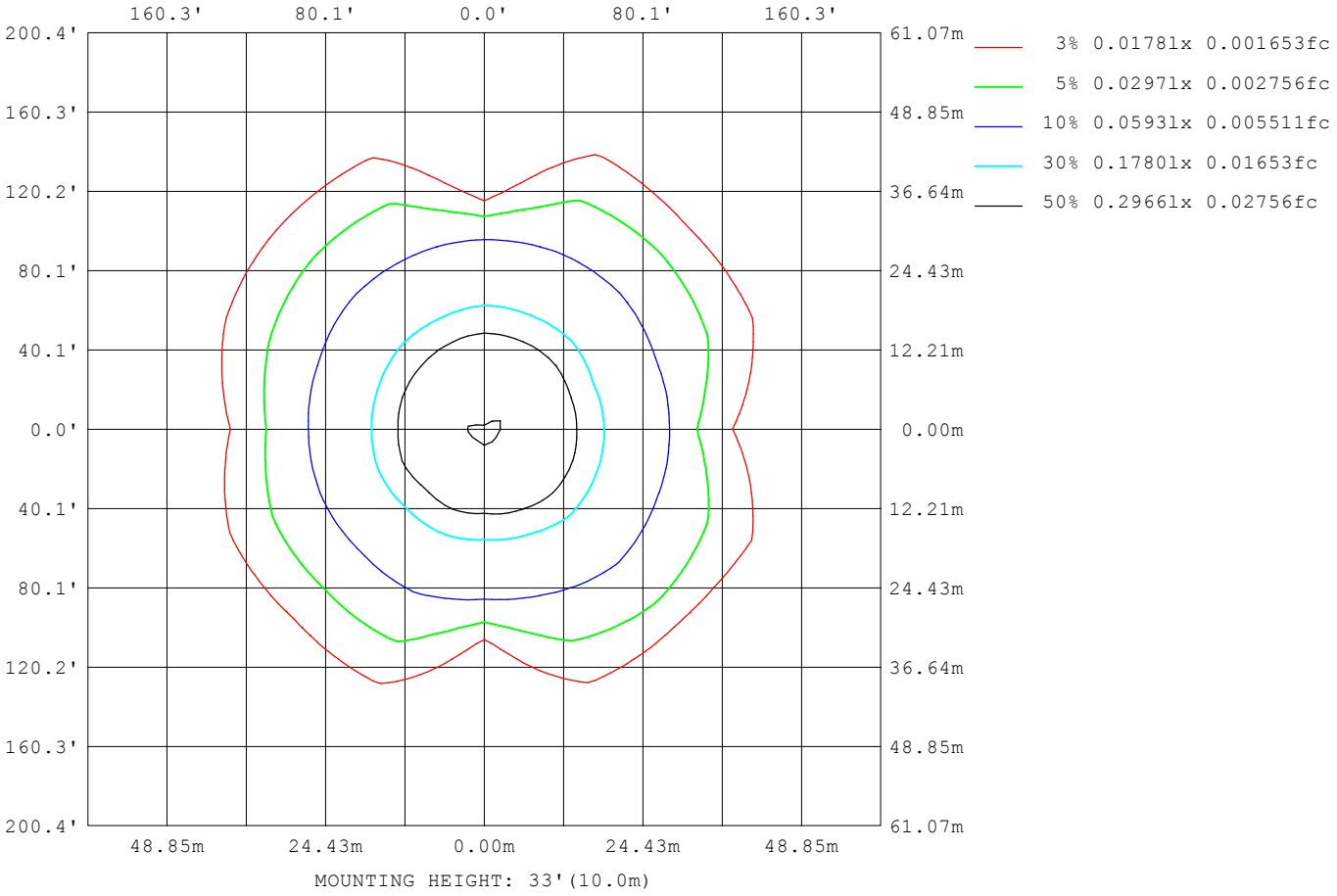
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-10-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:7.870m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:120.40V I:0.1810A P:17.200W PF:0.7890 Freq:60.00Hz Lamp Flux:1294.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:1.1*0.3	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-10-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:7.870m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.40V I:0.1810A P:17.200W PF:0.7890 Freq:60.00Hz Lamp Flux:1294.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:1.1*0.3	Shielding Angle:

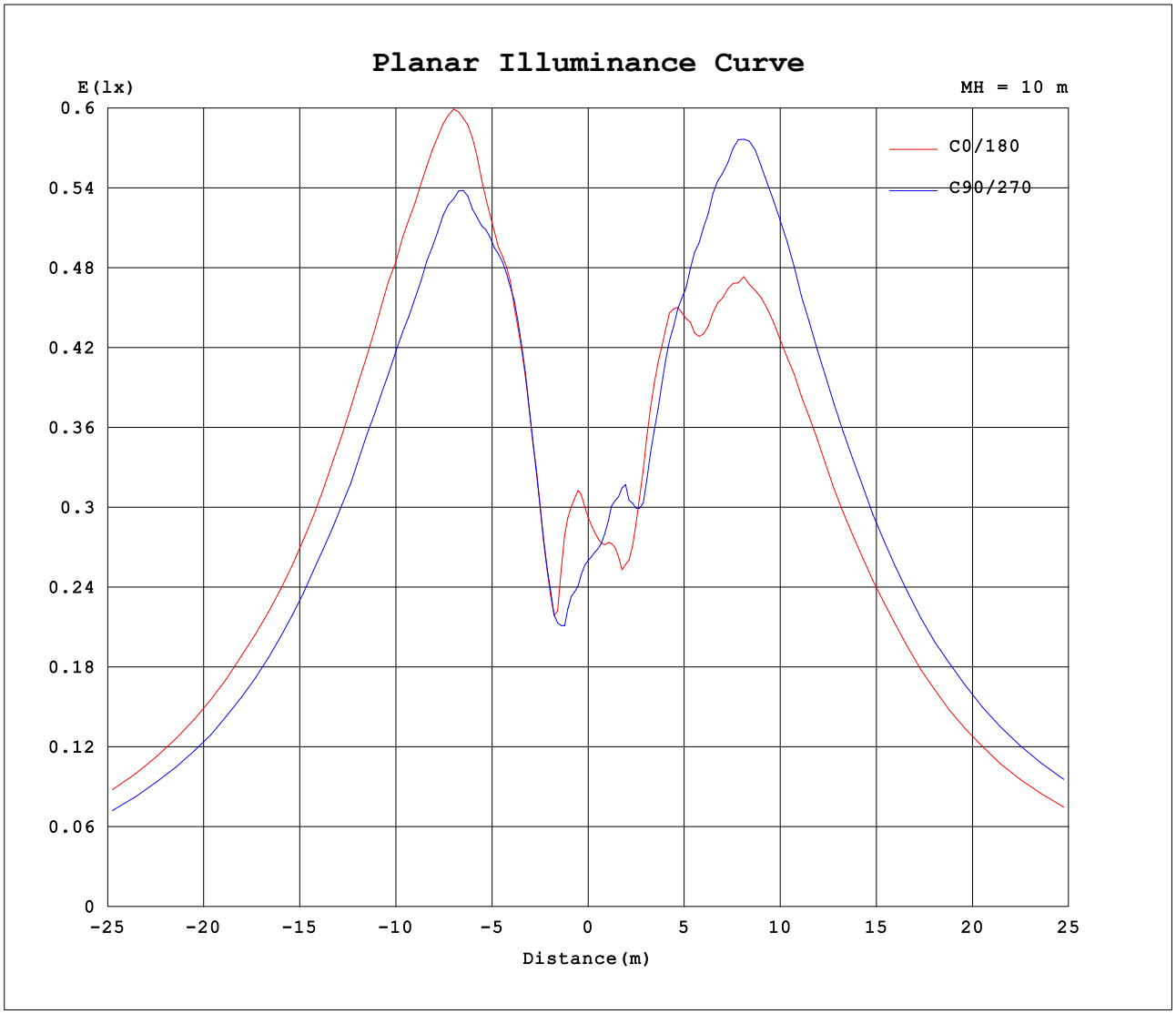
AvgL	cd/m2
L_0~180(65)av	1111
L_0~180(75)av	1334
L_0~180(85)av	3779
L_90~270(65)av	1142
L_90~270(75)av	755
L_90~270(85)av	1793
L_45(65)av	1170
L_45(75)av	1964
L_45(85)av	4243

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-10-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:7.870m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-10-31

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.7
Humidity:65.0%
Test Distance:7.870m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.40V I:0.1810A P:17.200W PF:0.7890 Freq:60.00Hz Lamp Flux:1294.49x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:1.1*0.3	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	29.3	28.0	27.1	26.7	26.0	25.9	25.8	25.9	29.3	28.0	27.1	26.7	26.0	25.9	25.8	25.9			
5	30.4	26.9	23.9	23.5	23.6	24.2	25.4	26.0	27.5	28.3	29.7	28.9	28.4	29.1	30.6	30.7			
10	22.9	23.7	24.3	25.3	22.9	25.8	28.0	25.7	26.5	28.7	33.1	34.5	32.9	30.7	30.9	25.5			
15	36.3	39.0	38.1	36.7	36.0	37.5	38.2	34.6	34.1	35.1	32.7	34.5	33.2	33.2	32.9	31.7			
20	52.4	57.0	55.3	52.5	53.0	51.9	53.3	49.3	49.3	50.6	46.6	48.6	45.1	44.3	47.1	48.5			
25	66.6	70.0	69.8	66.1	65.9	62.8	63.4	60.7	60.5	62.4	60.4	62.7	60.3	60.2	63.4	66.6			
30	86.7	84.9	86.4	83.9	79.7	75.1	72.6	70.2	66.0	70.4	70.7	75.5	76.8	79.3	78.4	83.3			
35	109	107	107	102	96.8	94.8	87.5	87.8	83.2	88.7	92.8	96.4	100	104	101	107			
40	124	124	124	118	108	110	103	107	104	112	115	119	128	126	119	127			
45	137	138	139	130	118	122	115	122	120	126	128	138	146	141	137	138			
50	149	153	151	138	127	132	124	135	132	137	139	149	158	155	155	149			
55	156	161	159	143	134	138	134	143	139	142	148	155	168	166	167	156			
60	164	166	168	146	137	142	138	145	143	146	156	161	173	172	176	159			
65	167	166	172	146	139	146	137	143	143	149	163	165	179	175	180	161			
70	167	166	174	146	121	146	139	143	143	149	165	169	182	178	180	163			
75	110	171	175	147	58.5	148	141	147	118	153	170	175	70.5	182	184	171			
80	111	168	122	144	54.5	144	115	145	116	156	139	177	61.4	184	134	171			
85	107	161	117	140	46.9	141	111	139	111	155	132	177	56.2	182	128	168			
90	101	156	112	133	44.4	133	106	132	106	150	128	169	54.4	175	122	163			
95	98.4	151	110	129	43.0	128	102	127	100	146	124	163	54.1	170	117	159			
100	91.8	142	106	123	40.9	121	97.3	123	93.6	140	120	156	50.6	161	111	152			
105	84.8	135	107	98.4	39.7	94.7	96.2	118	86.5	133	115	142	50.5	146	108	144			
110	82.5	128	111	88.9	44.4	79.5	95.5	109	85.4	127	116	104	49.0	114	122	140			
115	90.4	116	96.4	72.9	46.5	65.6	78.3	100	90.3	120	105	91.5	66.2	92.0	100	133			
120	102	111	112	62.3	38.0	56.8	93.1	94.6	93.0	107	102	85.2	54.8	86.7	104	127			
125	98.5	98.5	65.4	73.3	58.1	73.5	57.1	85.4	89.6	87.3	80.7	79.8	66.6	80.0	77.5	85.6			
130	84.7	71.2	56.3	75.2	75.2	73.9	48.9	64.9	78.4	80.1	73.1	87.8	98.4	82.9	70.0	81.5			
135	45.4	45.6	54.6	49.6	55.7	45.9	48.3	45.3	47.1	51.9	65.6	69.1	106	68.6	61.3	52.3			
140	39.5	39.6	50.0	32.0	51.5	39.7	47.7	40.3	40.8	47.5	54.3	59.1	79.8	58.7	46.8	47.6			
145	35.0	32.8	52.5	37.9	50.9	52.4	53.0	35.8	34.8	43.3	60.3	62.3	60.5	54.2	46.2	44.3			
150	31.7	30.5	27.2	29.2	38.1	42.7	35.1	34.3	32.4	43.5	45.6	47.5	48.3	41.2	41.6	42.6			
155	30.1	20.3	15.3	21.1	32.5	30.1	24.3	26.4	27.7	34.5	30.6	40.1	36.5	33.7	21.6	33.3			
160	12.7	11.6	14.8	19.3	21.4	19.9	22.5	16.8	13.8	19.3	28.8	28.8	29.2	24.0	19.7	17.5			
165	8.29	8.75	7.81	11.7	12.7	13.1	13.9	14.6	9.06	15.7	18.1	19.2	18.3	14.1	13.9	11.2			
170	4.15	3.91	6.40	7.11	8.09	7.88	8.21	7.74	4.94	7.91	9.60	11.2	11.2	8.71	6.94	5.73			
175	2.97	2.53	3.80	4.28	4.25	3.88	4.46	5.05	3.54	4.20	4.85	4.93	6.31	6.06	5.26	4.46			
180	3.60	3.45	4.00	3.99	4.01	4.00	3.53	3.14	3.23	3.84	4.10	4.01	4.05	4.00	3.58	3.14			

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