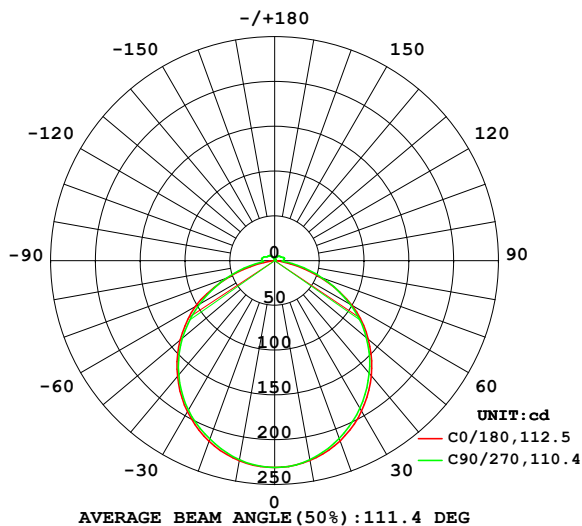


LUMINAIRE PHOTOMETRIC TEST REPORT

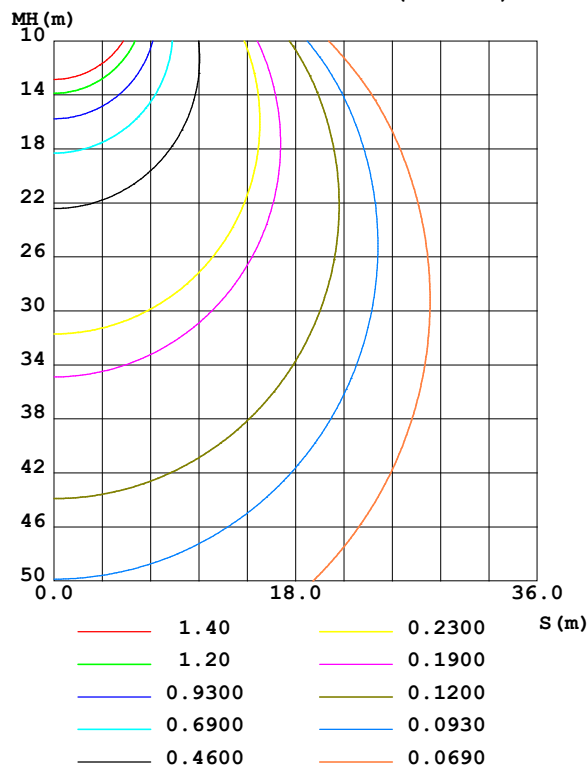
Test:U:23.998V I:0.4054A P:9.7288W PF:1.0000 Freq:49.99Hz Lamp Flux:5.58334x120 lm		
NAME: 1010-C	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 68.87 lm/W
MODEL	4000K	I _{max} (cd)	231.0	S/MH(C0/180)	1.25	
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	1.24	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	670.00	η UP,DN(C0-180)	2.0,47.6	
NOMINAL FLUX(lm)	5.58334	CIE CLASS	DIRECT	η UP,DN(C180-360)	2.5,47.8	
LAMPS INSIDE	120	η up (%)	4.5	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	24	η down (%)	95.5	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:25.3DEG
Operators:
Test Date:2024-01-05

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:6.040m [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	226.6	226.1	225.8	226.6	226.8	226.4	225.8	226.0	0- 10	21.82	21.82	3.26,3.26
20	214.1	211.8	211.1	212.7	214.5	213.0	211.9	212.2	10- 20	62.19	84.01	12.5,12.5
30	194.1	190.5	190.4	191.7	194.7	192.5	192.6	191.5	20- 30	93.66	177.7	26.5,26.5
40	167.9	163.5	164.3	165.2	168.8	166.5	166.6	165.2	30- 40	112.5	290.1	43.3,43.3
50	136.5	131.8	133.7	133.9	137.6	135.0	134.4	133.4	40- 50	116.2	406.3	60.6,60.6
60	100.1	96.62	97.11	98.89	102.0	98.81	96.61	96.93	50- 60	104.3	510.7	76.2,76.2
70	53.10	58.01	56.50	60.49	55.10	59.61	57.45	57.44	60- 70	77.43	588.1	87.8,87.8
80	10.96	20.10	20.17	22.18	12.36	22.30	21.96	20.65	70- 80	40.68	628.8	93.8,93.8
90	0.1128	4.698	9.299	4.507	0.1284	7.517	13.78	7.804	80- 90	10.82	639.6	95.5,95.5
100	0.1362	5.921	11.06	5.220	0.1757	7.361	14.80	7.857	90-100	7.004	646.6	96.5,96.5
110	0.2123	6.934	10.91	6.525	0.2439	7.324	12.73	8.077	100-110	7.116	653.7	97.6,97.6
120	0.3066	5.361	8.428	4.883	0.3278	5.662	9.480	6.337	110-120	5.878	659.6	98.4,98.4
130	0.3931	4.680	7.648	3.823	0.4091	4.445	8.796	5.652	120-130	4.289	663.9	99.1,99.1
140	0.4718	4.003	6.510	2.928	0.4930	3.374	7.313	4.724	130-140	3.166	667.0	99.6,99.6
150	0.5426	2.370	4.654	1.724	0.5663	2.082	4.593	3.119	140-150	1.872	668.9	99.8,99.8
160	0.6003	0.6220	1.677	0.6015	0.6266	1.196	2.578	1.579	150-160	0.7882	669.7	100,100
170	0.6501	0.6692	0.6615	0.6514	0.6764	0.6745	0.7400	0.6778	160-170	0.2363	669.9	100,100
180	0.6816	0.6850	0.6983	0.6856	0.6816	0.6929	0.7009	0.6882	170-180	0.0649	670.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 360.4 lm

%lum = 53.8%

%lamp = 53.8%

Conical surface Flux(130deg): 561.19 lm

%lum = 83.8%

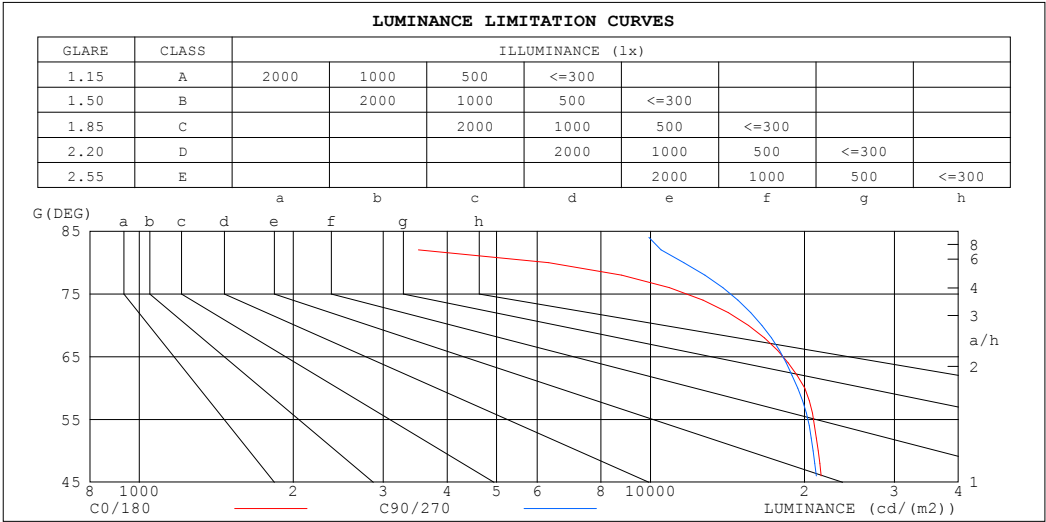
%lamp = 83.8%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-05

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:6.040m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:23.998V I:0.4054A P:9.7288W PF:1.0000 Freq:49.99Hz Lamp Flux:5.58334x120 lm		
NAME: 1010-C	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	690	11899
80	6318	11615
75	13487	15775
70	15546	16518
65	19280	19114
60	20036	19419
55	21445	20943
50	21270	20799
45	22073	21608

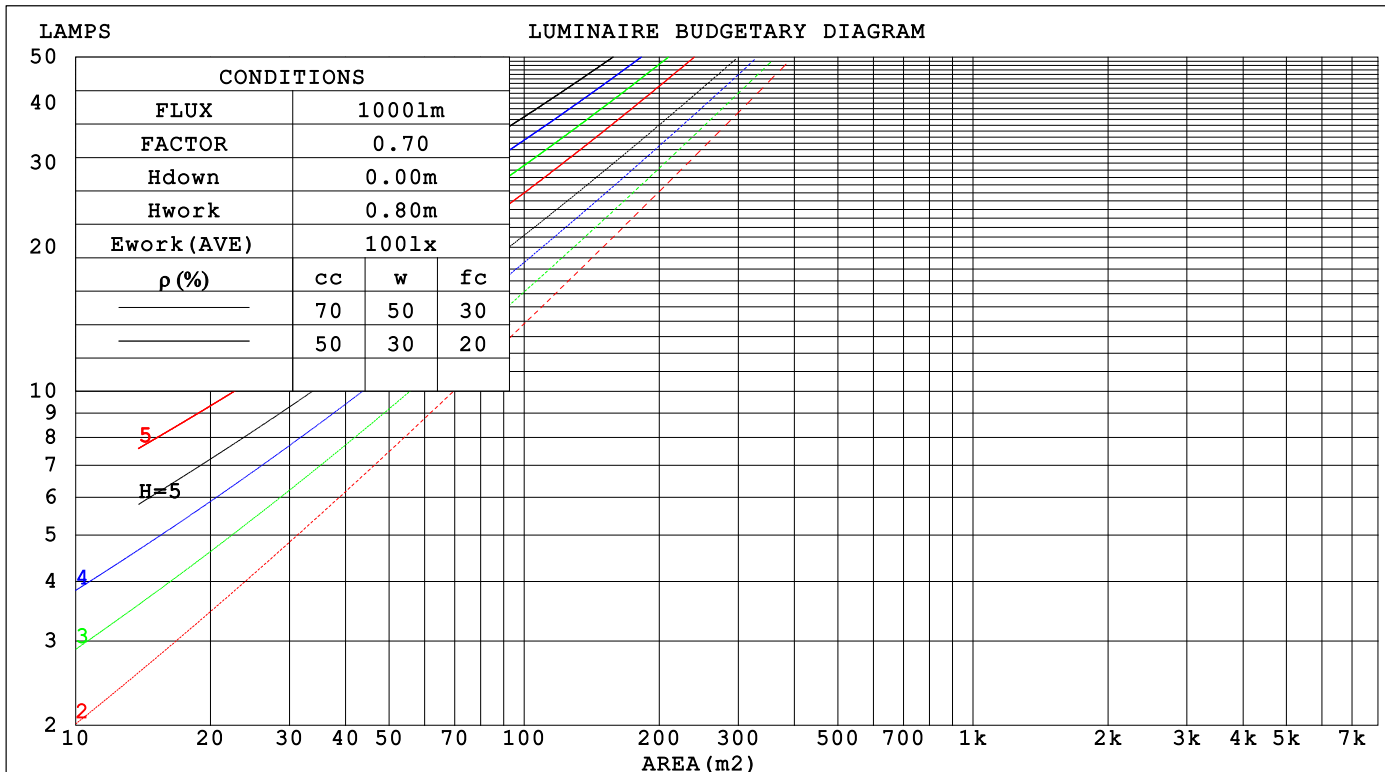
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-05

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:6.040m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:23.998V I:0.4054A P:9.7288W PF:1.0000 Freq:49.99Hz Lamp Flux:5.58334x120 lm		
NAME: 1010-C	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	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			Coefficients of Utilization(CU)												
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.03	1.03	1.03	.98	.98	.98	.95
1.0	1.03	.99	.95	1.00	.97	.93	.95	.92	.89	.91	.88	.86	.86	.84	.83	.80
2.0	.90	.83	.78	.88	.82	.76	.83	.78	.74	.80	.75	.72	.76	.72	.69	.67
3.0	.79	.71	.65	.77	.70	.64	.74	.67	.62	.70	.65	.60	.67	.63	.59	.56
4.0	.70	.61	.55	.68	.60	.54	.65	.58	.53	.63	.57	.52	.60	.55	.51	.48
5.0	.63	.54	.47	.61	.53	.47	.59	.51	.46	.56	.50	.45	.54	.48	.44	.42
6.0	.56	.47	.41	.55	.47	.41	.53	.45	.40	.51	.44	.39	.49	.43	.39	.36
7.0	.51	.42	.36	.50	.42	.36	.48	.41	.35	.46	.40	.35	.45	.39	.34	.32
8.0	.47	.38	.32	.46	.38	.32	.44	.37	.32	.42	.36	.31	.41	.35	.31	.29
9.0	.43	.35	.29	.42	.34	.29	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.32	.26	.39	.31	.26	.37	.31	.26	.36	.30	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-05

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:6.040m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:23.998V I:0.4054A P:9.7288W PF:1.0000 Freq:49.99Hz Lamp Flux:5.58334x120 lm					
NAME: 1010-C		TYPE:		WEIGHT:	
SPEC.:		DIM.:		SERIAL No.:	
MFR.:		SUR.: 0.010*1		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	.302	.172	.054	.293	.167	.053	.278	.159	.051	.263	.152	.049	.250	.145	.047		
2.0	.285	.156	.048	.278	.153	.047	.264	.147	.046	.251	.141	.044	.239	.135	.043		
3.0	.265	.141	.042	.258	.138	.042	.245	.133	.040	.234	.128	.039	.223	.124	.038		
4.0	.245	.127	.037	.239	.125	.037	.228	.121	.036	.217	.117	.035	.208	.113	.034		
5.0	.227	.116	.033	.221	.114	.033	.211	.110	.032	.202	.107	.032	.193	.103	.031		
6.0	.211	.106	.030	.206	.104	.030	.197	.101	.029	.188	.098	.029	.180	.095	.028		
7.0	.196	.097	.027	.192	.096	.027	.184	.093	.027	.176	.090	.026	.169	.088	.026		
8.0	.183	.090	.025	.179	.088	.025	.172	.086	.025	.165	.084	.024	.159	.081	.024		
9.0	.172	.083	.023	.168	.082	.023	.162	.080	.023	.155	.078	.022	.149	.076	.022		
10.0	.162	.078	.022	.159	.077	.021	.152	.075	.021	.147	.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	.225	.225	.225	.192	.192	.192	.131	.131	.131	.075	.075	.075	.024	.024	.024		
1.0	.215	.191	.170	.184	.164	.146	.126	.113	.101	.072	.065	.059	.023	.021	.019		
2.0	.206	.167	.134	.177	.144	.116	.121	.099	.081	.070	.058	.047	.022	.019	.015		
3.0	.199	.150	.110	.170	.129	.096	.117	.090	.067	.068	.052	.040	.022	.017	.013		
4.0	.191	.136	.094	.164	.118	.082	.113	.082	.058	.065	.048	.034	.021	.016	.011		
5.0	.184	.126	.083	.158	.109	.072	.109	.076	.051	.063	.045	.030	.020	.015	.010		
6.0	.177	.118	.075	.152	.102	.066	.105	.071	.046	.061	.042	.028	.020	.014	.009		
7.0	.170	.111	.069	.146	.096	.060	.101	.067	.043	.059	.040	.025	.019	.013	.008		
8.0	.164	.105	.065	.141	.091	.057	.098	.064	.040	.057	.038	.024	.018	.012	.008		
9.0	.158	.100	.061	.136	.087	.054	.094	.061	.038	.055	.036	.023	.018	.012	.008		
10.0	.152	.096	.059	.131	.083	.051	.091	.059	.036	.053	.035	.022	.017	.011	.007		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-05

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:6.040m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:23.998V I:0.4054A P:9.7288W PF:1.0000 Freq:49.99Hz Lamp Flux:5.58334x120 lm											
NAME: 1010-C					TYPE:			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.:					SUR.: 0.010*1			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		24.5	26.0	24.9	26.2	26.5	24.4	25.9	24.8	26.2	26.4
3H		25.9	27.2	26.2	27.5	27.8	25.8	27.1	26.2	27.4	27.8
4H		26.3	27.5	26.6	27.9	28.2	26.3	27.5	26.6	27.9	28.2
6H		26.4	27.6	26.8	27.9	28.3	26.5	27.7	26.9	28.1	28.4
8H		26.4	27.5	26.8	27.9	28.2	26.6	27.7	27.0	28.1	28.5
12H		26.3	27.4	26.7	27.8	28.2	26.6	27.7	27.0	28.1	28.5
4H 2H		25.1	26.3	25.5	26.7	27.0	25.0	26.3	25.4	26.6	26.9
3H		26.6	27.7	27.0	28.1	28.5	26.5	27.6	26.9	28.0	28.4
4H		27.2	28.2	27.6	28.6	29.0	27.1	28.1	27.5	28.5	28.9
6H		27.4	28.3	27.9	28.7	29.2	27.5	28.3	27.9	28.8	29.2
8H		27.4	28.3	27.9	28.7	29.2	27.5	28.4	28.0	28.8	29.3
12H		27.4	28.1	27.9	28.6	29.1	27.6	28.3	28.1	28.8	29.3
8H 4H		27.4	28.2	27.8	28.6	29.1	27.3	28.1	27.8	28.6	29.1
6H		27.8	28.4	28.3	28.9	29.5	27.8	28.5	28.3	28.9	29.5
8H		27.8	28.4	28.4	28.9	29.5	27.9	28.5	28.4	29.0	29.6
12H		27.8	28.4	28.4	28.9	29.5	28.0	28.5	28.5	29.0	29.6
12H 4H		27.3	28.1	27.8	28.6	29.1	27.3	28.0	27.8	28.5	29.0
6H		27.8	28.4	28.3	28.9	29.4	27.8	28.4	28.3	28.9	29.4
8H		27.9	28.4	28.4	28.9	29.5	27.9	28.5	28.5	29.0	29.6
Variations with the observer position at spacings(CIE Pub.117):											
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 / - 0.4					+ 0.2 / - 0.3				

CIE Pub.117, 670.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.4)
Area: 0.01 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-05

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:6.040m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:23.998V I:0.4054A P:9.7288W PF:1.0000 Freq:49.99Hz Lamp Flux:5.58334x120 lm		
NAME: 1010-C	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	Shielding Angle:

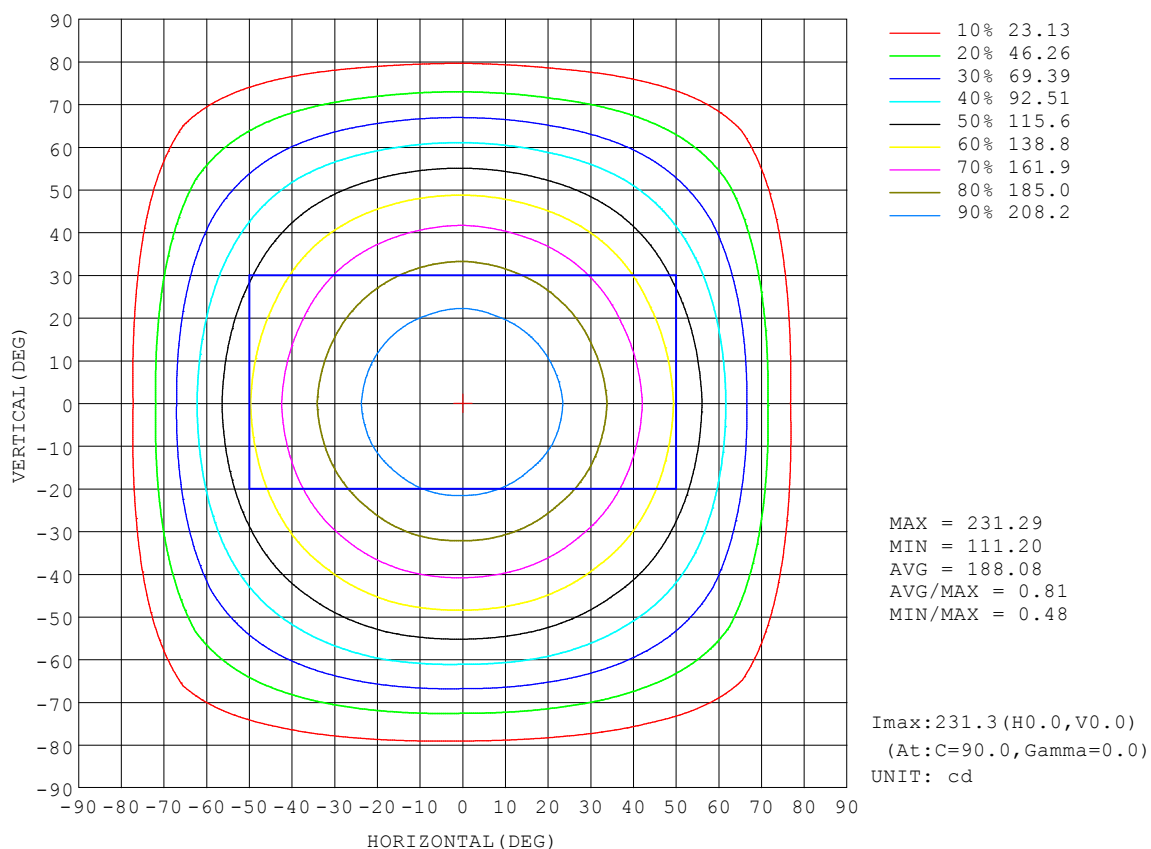
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	45	38	56	45	38	54	44	38	31
0.80	66	55	48	65	54	47	63	53	47	40
1.00	75	64	56	74	63	56	71	64	55	48
1.25	82	71	64	80	71	64	77	69	63	55
1.50	87	77	70	85	76	69	82	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	99	95	102	97	93	97	93	90	80
5.00	108	103	99	105	100	97	100	96	93	83
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:
Test Date: 2024-01-05

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity: 65.0%
Test Distance: 6.040m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:23.998V I:0.4054A P:9.7288W PF:1.0000 Freq:49.99Hz Lamp Flux:5.58334x120 lm		
NAME: 1010-C	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	Shielding Angle:

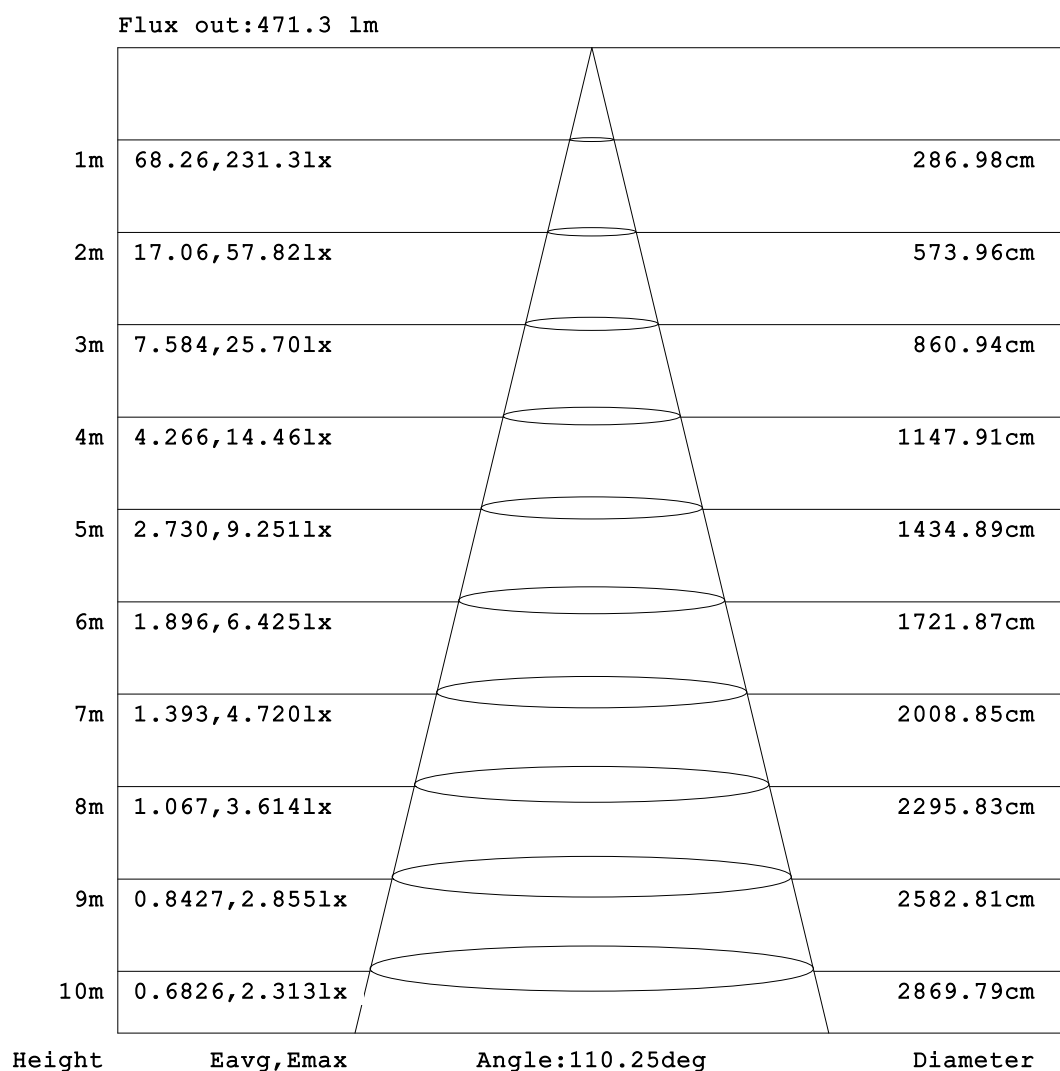


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-05

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:6.040m [K=1.0000]
Remarks:

AAI Figure

Test:U:23.998V I:0.4054A P:9.7288W PF:1.0000 Freq:49.99Hz Lamp Flux:5.58334x120 lm		
NAME: 1010-C	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	Shielding Angle:



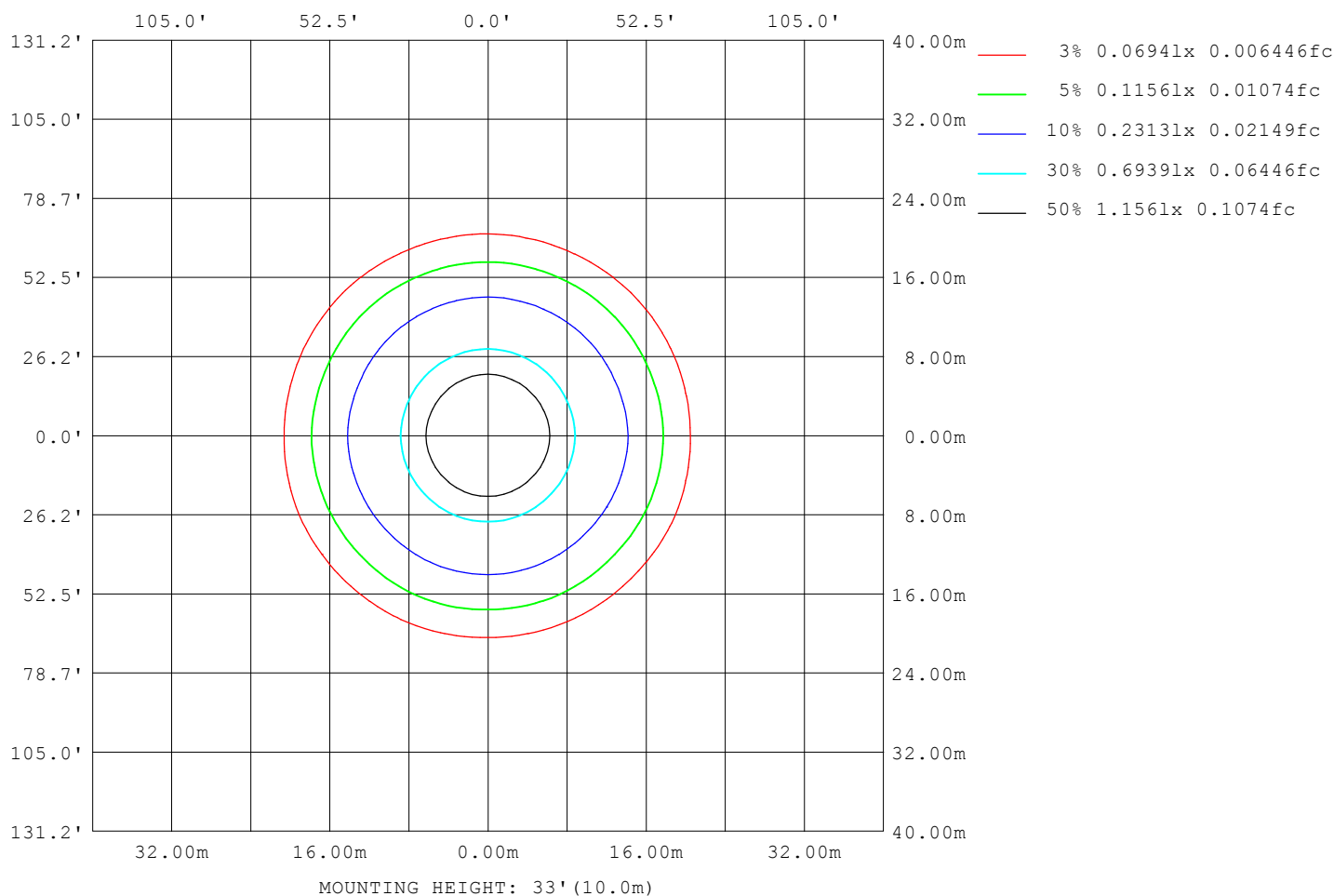
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-01-05

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity: 65.0%
Test Distance: 6.040m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:23.998V I:0.4054A P:9.7288W PF:1.0000 Freq:49.99Hz Lamp Flux:5.58334x120 lm		
NAME: 1010-C	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-01-05

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:6.040m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:23.998V I:0.4054A P:9.7288W PF:1.0000 Freq:49.99Hz Lamp Flux:5.58334x120 lm		
NAME: 1010-C	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	Shielding Angle:

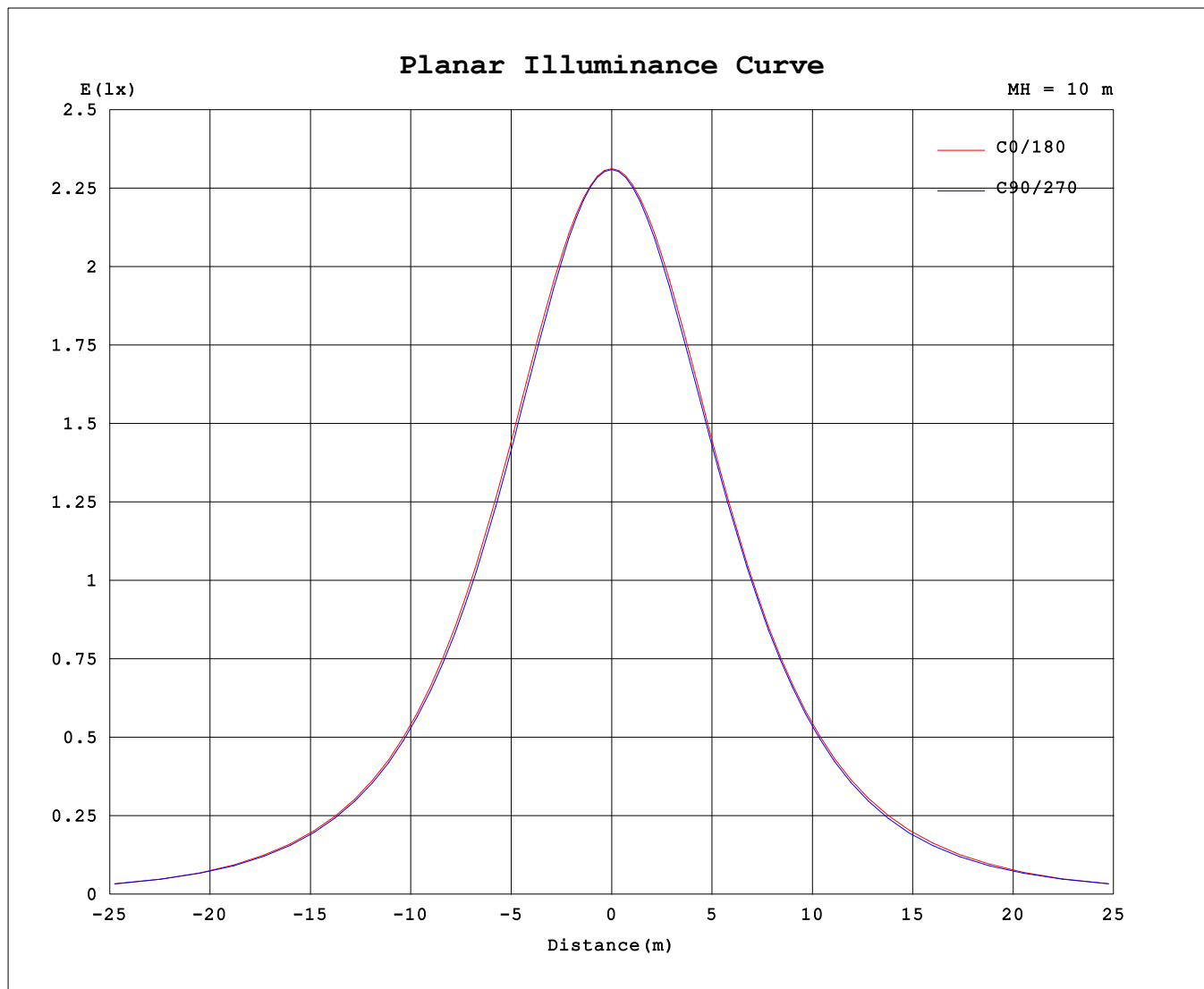
AvgL	cd/m2
L_0~180 (65) av	18438
L_0~180 (75) av	12173
L_0~180 (85) av	244
L_90~270 (65) av	18169
L_90~270 (75) av	14645
L_90~270 (85) av	12664
L_45 (65) av	18631
L_45 (75) av	15163
L_45 (85) av	9316

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-01-05

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
 Humidity:65.0%
 Test Distance:6.040m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-01-05

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity: 65.0%
Test Distance: 6.040m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.998V I:0.4054A P:9.7288W PF:1.0000 Freq:49.99Hz Lamp Flux:5.58334x120 lm																	
NAME: 1010-C									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.: 0.010*1						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	231	231	231	231	231	231	231	231	231	231	231	231	231	231	231	231			
5	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230	230			
10	227	227	226	226	226	226	227	227	227	227	226	226	226	226	226	226			
15	223	222	221	221	221	221	222	223	223	222	222	221	221	221	221	222			
20	214	214	212	211	211	212	213	214	214	214	213	212	212	211	212	213			
25	207	206	204	204	204	204	205	207	207	206	205	205	205	204	205	206			
30	194	193	190	190	190	191	192	194	195	193	192	192	193	192	191	192			
35	184	183	180	180	180	181	182	184	185	183	183	183	183	182	182	182			
40	168	166	164	164	164	165	165	167	169	167	166	166	167	165	165	165			
45	156	153	151	152	153	153	153	155	157	154	154	154	155	153	153	153			
50	137	134	132	133	134	135	134	135	138	135	135	135	134	133	133	133			
55	123	120	118	120	120	121	120	122	124	121	121	120	120	119	119	119			
60	100	98.4	96.6	97.6	97.1	99.3	98.9	100	102	99.0	98.8	97.1	96.6	95.7	96.9	97.2			
65	81.4	83.4	81.5	81.4	80.8	83.1	83.9	85.3	84.0	83.8	83.6	81.4	80.7	80.0	81.5	81.9			
70	53.1	60.3	58.0	56.8	56.5	58.5	60.5	62.2	55.1	60.6	59.6	57.8	57.5	56.4	57.4	58.6			
75	34.9	44.7	42.1	41.1	40.8	42.8	44.6	46.7	36.9	45.0	43.9	42.5	42.3	41.3	41.8	43.0			
80	11.0	22.6	20.1	19.9	20.2	21.2	22.2	24.4	12.4	22.8	22.3	21.7	22.0	20.7	20.6	21.0			
85	0.60	10.1	8.71	9.51	10.4	10.4	10.2	11.5	0.93	10.4	11.2	12.1	13.2	11.8	10.1	9.10			
90	0.11	2.03	4.70	7.77	9.30	7.72	4.51	2.03	0.13	2.73	7.52	11.6	13.8	11.8	7.80	3.09			
95	0.11	2.06	4.93	8.63	10.2	8.56	4.75	1.73	0.13	2.93	7.29	12.2	14.5	12.5	7.87	3.34			
100	0.14	2.09	5.92	9.85	11.1	9.78	5.22	1.50	0.18	2.85	7.36	12.8	14.8	13.2	7.86	3.25			
105	0.17	2.19	6.58	10.3	11.4	10.1	6.06	1.73	0.20	2.54	7.31	12.2	13.8	12.5	8.10	2.87			
110	0.21	2.51	6.93	9.85	10.9	9.89	6.52	2.19	0.24	2.38	7.32	11.0	12.7	11.6	8.08	2.70			
115	0.25	2.62	6.49	8.85	9.63	8.95	6.13	2.45	0.28	2.66	7.05	10.2	11.4	10.5	7.71	3.03			
120	0.31	2.17	5.36	7.65	8.43	7.48	4.88	1.92	0.33	2.45	5.66	8.18	9.48	8.70	6.34	2.88			
125	0.34	1.94	5.03	7.31	8.11	7.07	4.27	1.71	0.36	2.04	4.96	7.95	9.02	8.35	5.91	2.52			
130	0.39	1.65	4.68	6.84	7.65	6.51	3.82	1.40	0.41	1.84	4.44	7.58	8.80	8.10	5.65	2.40			
135	0.42	1.33	4.48	6.52	7.29	5.84	3.55	1.17	0.45	1.73	4.08	6.59	8.34	7.66	5.37	2.32			
140	0.47	0.50	4.00	5.84	6.51	4.83	2.93	0.60	0.49	1.45	3.37	5.28	7.31	6.65	4.72	2.02			
145	0.50	0.53	3.57	5.23	5.82	4.14	2.49	0.52	0.52	1.29	2.84	4.35	6.14	5.63	4.15	1.77			
150	0.54	0.57	2.37	4.16	4.65	2.82	1.72	0.56	0.57	0.90	2.08	3.03	4.59	4.28	3.12	0.88			
155	0.57	0.60	0.83	3.18	3.74	2.09	0.88	0.59	0.59	0.73	1.62	2.37	3.66	3.47	2.46	0.69			
160	0.60	0.63	0.62	0.78	1.68	0.80	0.60	0.62	0.63	0.61	1.20	1.55	2.58	2.34	1.58	0.64			
165	0.62	0.66	0.64	0.66	0.65	0.66	0.62	0.65	0.64	0.62	0.84	1.19	1.83	1.66	0.82	0.63			
170	0.65	0.68	0.67	0.69	0.66	0.69	0.65	0.68	0.68	0.65	0.67	0.72	0.74	0.70	0.68	0.65			
175	0.66	0.68	0.68	0.69	0.68	0.70	0.67	0.69	0.68	0.66	0.69	0.68	0.70	0.68	0.69	0.66			
180	0.68	0.68	0.68	0.69	0.70	0.70	0.69	0.69	0.68	0.70	0.69	0.69	0.70	0.69	0.69	0.68			

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