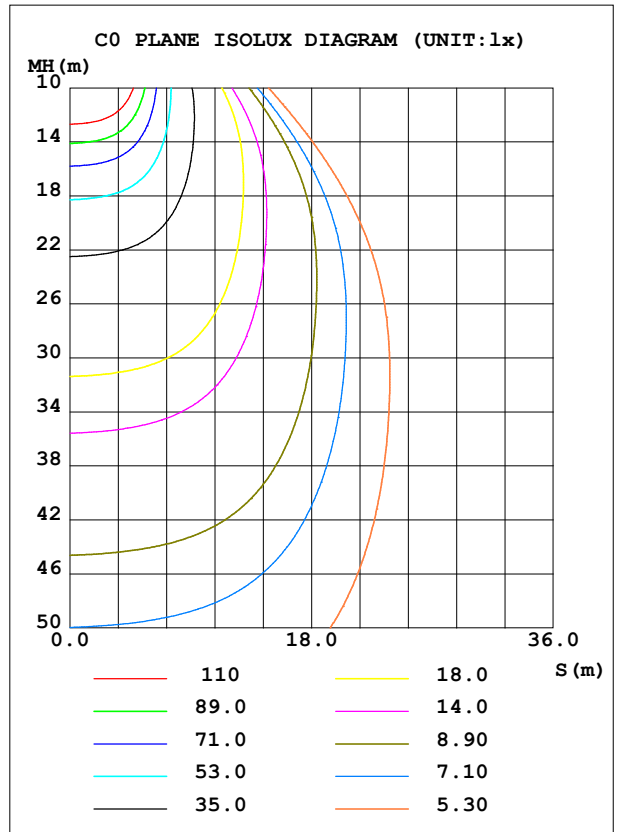
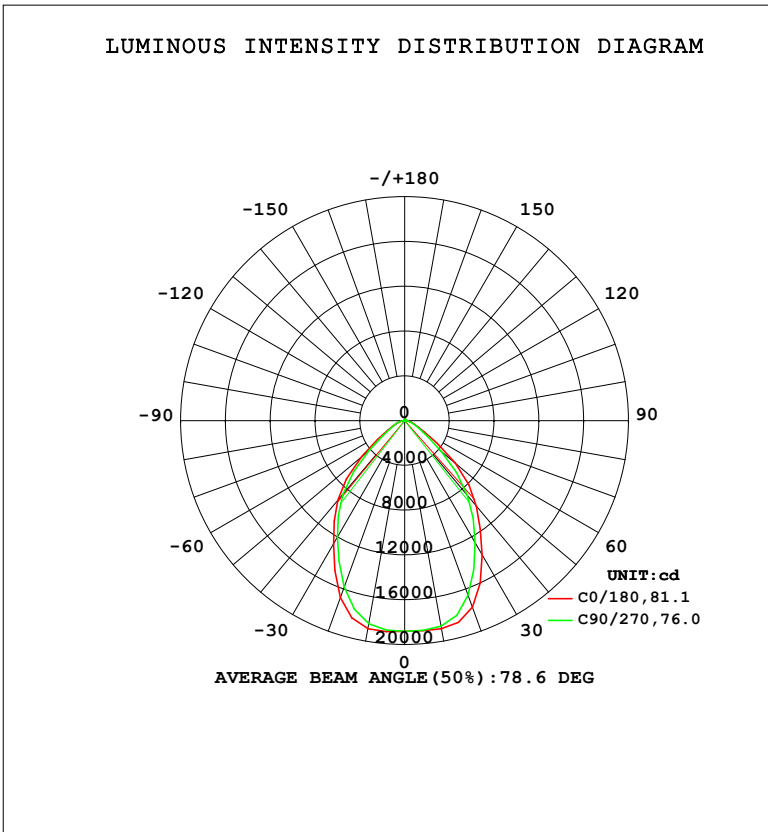


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.00V I:0.9859A P:213.39W PF:0.9838 Freq:50.00Hz Lamp Flux:29740x1 lm		
NAME:	TYPE: 工矿灯	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	709	Imax (cd)	18914	S/MH (C0/180)	1.06
NOMINAL POWER (W)	200	LOR (%)	100.0	S/MH (C90/270)	1.01
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	29740	$\eta$ UP, DN (C0-180)	0.5, 50.3
NOMINAL FLUX (lm)	29740	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	0.6, 48.7
LAMPS INSIDE	1	$\eta$ up (%)	1.1	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)	219.5	$\eta$ down (%)	98.9	CIBSE SHR MAX	1.05



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2023-11-27

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 5.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity: 65.0%  
 Test Distance: 9.401m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	1887	1882	1864	1824	1887	1873	1843	1846	0- 10	1786	1786	6.01,6.01
20	1772	1787	1660	1592	1680	1700	1581	1656	10- 20	5007	6793	22.8,22.8
30	1387	1411	1260	1156	1274	1271	1201	1229	20- 30	6751	13544	45.5,45.5
40	1000	850.2	872.9	694.8	931.7	744.8	858.5	730.0	30- 40	6492	20037	67.4,67.4
50	590.5	436.2	431.4	361.6	501.8	393.9	415.6	391.5	40- 50	4783	24819	83.5,83.5
60	203.7	185.2	159.1	166.3	179.9	164.8	153.5	172.1	50- 60	2530	27349	92,92
70	92.02	91.47	80.37	86.86	83.78	86.05	83.38	91.77	60- 70	1226	28575	96.1,96.1
80	39.66	40.87	34.75	37.53	35.24	38.32	36.42	41.24	70- 80	649.5	29224	98.3,98.3
90	0.7866	0.7701	0.7997	0.7477	0.9545	0.8684	0.8094	0.8683	80- 90	197.8	29422	98.9,98.9
100	1.376	1.267	1.318	1.253	1.835	1.592	1.476	1.351	90-100	11.69	29434	99,99
110	2.508	2.321	2.326	2.270	3.254	2.944	2.671	2.467	100-110	20.55	29454	99,99
120	4.160	3.935	3.828	3.803	5.221	4.818	4.414	4.117	110-120	33.22	29488	99.2,99.2
130	6.159	5.863	5.664	5.637	7.349	6.881	6.424	6.058	120-130	46.38	29534	99.3,99.3
140	8.182	7.821	7.517	7.495	9.323	8.834	8.326	8.006	130-140	55.12	29589	99.5,99.5
150	10.00	9.567	9.175	9.121	10.96	10.44	9.916	9.689	140-150	56.02	29645	99.7,99.7
160	11.80	11.20	10.74	10.52	12.60	11.84	11.34	11.05	150-160	48.46	29694	99.8,99.8
170	13.58	12.94	12.26	11.98	14.13	13.26	12.63	12.25	160-170	33.87	29727	100,100
180	14.70	13.96	13.20	12.87	14.81	14.05	13.28	12.93	170-180	12.50	29740	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

Conical surface Flux(90deg): 22707 lm

%lum = 76.4%

%lamp = 76.4%

Conical surface Flux(130deg): 28054 lm

%lum = 94.3%

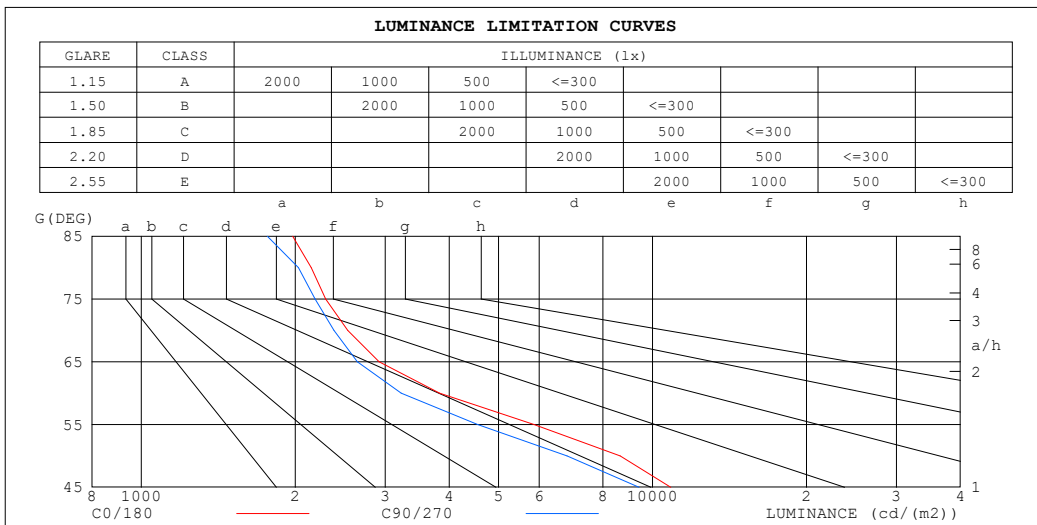
%lamp = 94.3%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-11-27

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**LUMINANCE LIMITATION CURVES**

Test:U:220.00V I:0.9859A P:213.39W PF:0.9838 Freq:50.00Hz Lamp Flux:29740x1 lm		
NAME:	TYPE: 工矿灯	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1977	1764
80	2150	2029
75	2295	2189
70	2533	2383
65	2917	2647
60	3835	3226
55	5861	4551
50	8648	6804
45	10863	9407

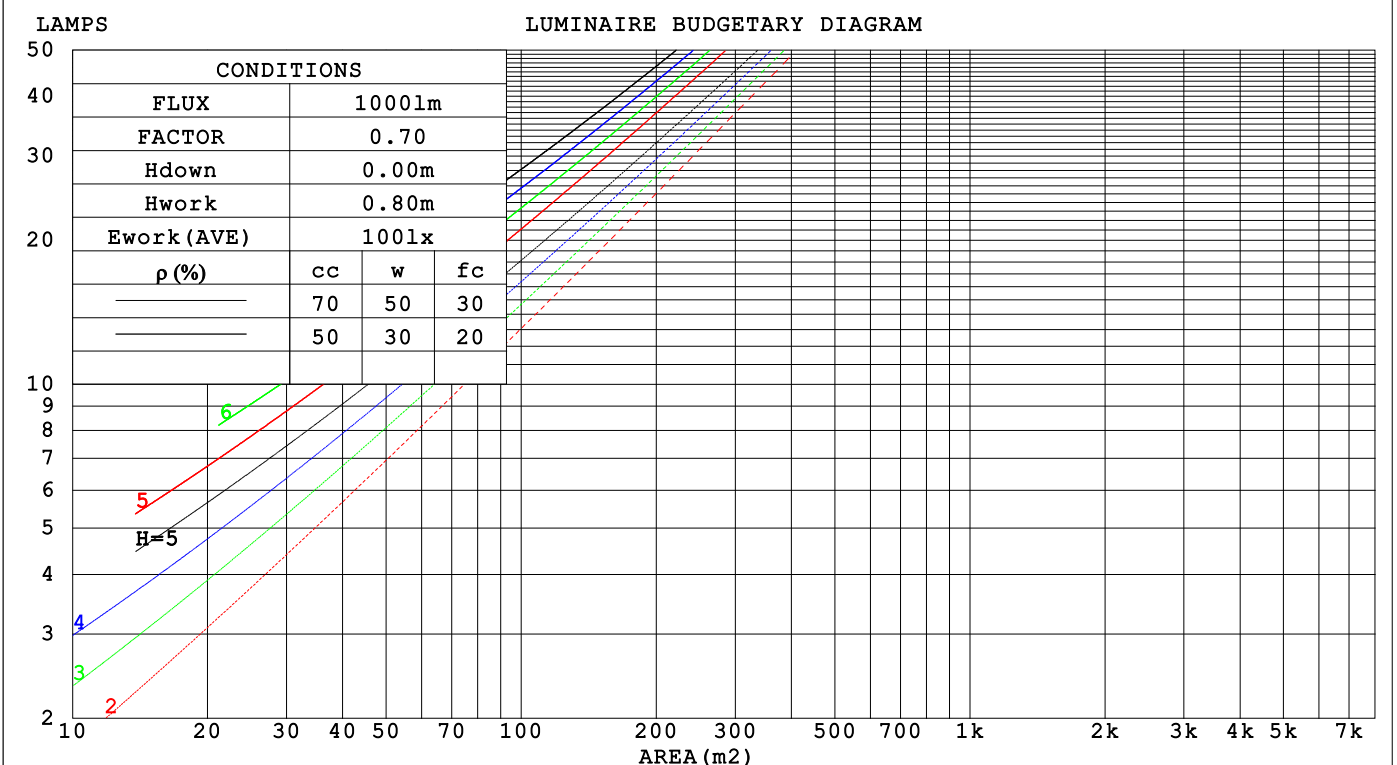
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2023-11-27

γ Range: 0 - 180DEG  
 γ Interval: 5.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity: 65.0%  
 Test Distance: 9.401m [K=1.0000]  
 Remarks:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:220.00V I:0.9859A P:213.39W PF:0.9838 Freq:50.00Hz Lamp Flux:29740x1 lm		
NAME:	TYPE: 工矿灯	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.08	1.04	1.01	1.05	1.02	.90	1.01	.99	.96	.97	.95	.93	.93	.92	.90	.88
2.0	.97	.92	.88	.95	.91	.86	.92	.88	.84	.89	.85	.82	.86	.83	.80	.78
3.0	.88	.82	.77	.87	.81	.76	.84	.79	.74	.81	.77	.73	.78	.75	.72	.70
4.0	.80	.73	.68	.79	.72	.67	.77	.71	.66	.74	.69	.65	.72	.68	.64	.63
5.0	.73	.66	.61	.72	.65	.60	.70	.64	.60	.68	.63	.59	.67	.62	.58	.56
6.0	.67	.60	.55	.66	.59	.54	.65	.58	.54	.63	.58	.53	.62	.57	.53	.51
7.0	.62	.55	.50	.61	.54	.49	.60	.54	.49	.58	.53	.49	.57	.52	.48	.47
8.0	.58	.50	.45	.57	.50	.45	.56	.49	.45	.54	.49	.45	.53	.48	.44	.43
9.0	.53	.46	.42	.53	.46	.41	.52	.46	.41	.51	.45	.41	.50	.45	.41	.39
10.0	.50	.43	.38	.49	.43	.38	.48	.42	.38	.47	.42	.38	.47	.41	.38	.36



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-11-27

γ Range: 0 - 180DEG  
 γ Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:220.00V I:0.9859A P:213.39W PF:0.9838 Freq:50.00Hz		
Lamp Flux:29740x1 lm		
NAME:	TYPE: 工矿灯	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

ρ <sub>CC</sub>	80%			70%			50%			30%			10%			0
ρ <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ <sub>fc</sub>	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.234	.133	.042	.226	.129	.041	.213	.122	.039	.201	.116	.037	.189	.110	.035	
2.0	.224	.123	.038	.218	.120	.037	.206	.115	.036	.195	.110	.034	.186	.105	.033	
3.0	.212	.113	.034	.206	.111	.033	.196	.106	.032	.187	.102	.031	.178	.099	.031	
4.0	.200	.104	.031	.195	.102	.030	.186	.099	.029	.178	.095	.029	.170	.092	.028	
5.0	.188	.096	.028	.184	.094	.028	.176	.092	.027	.169	.089	.026	.162	.086	.026	
6.0	.177	.089	.025	.174	.088	.025	.167	.085	.025	.160	.083	.024	.154	.081	.024	
7.0	.168	.083	.024	.164	.082	.023	.158	.080	.023	.152	.078	.023	.147	.076	.022	
8.0	.159	.078	.022	.156	.077	.022	.150	.075	.021	.145	.073	.021	.140	.072	.021	
9.0	.151	.073	.020	.148	.072	.020	.143	.071	.020	.138	.069	.020	.133	.068	.020	
10.0	.143	.069	.019	.141	.068	.019	.136	.067	.019	.132	.065	.019	.127	.064	.018	

ρ <sub>CC</sub>	80%			70%			50%			30%			10%			0
ρ <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ <sub>fc</sub>	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.199	.199	.199	.170	.170	.170	.116	.116	.116	.067	.067	.067	.021	.021	.021	
1.0	.183	.165	.149	.157	.142	.128	.107	.097	.088	.062	.056	.051	.020	.018	.017	
2.0	.171	.141	.114	.147	.121	.099	.101	.084	.069	.058	.049	.040	.019	.016	.013	
3.0	.162	.122	.091	.139	.105	.079	.095	.073	.055	.055	.043	.033	.018	.014	.011	
4.0	.153	.108	.074	.131	.094	.064	.090	.065	.045	.052	.038	.027	.017	.012	.009	
5.0	.145	.097	.062	.125	.084	.054	.086	.059	.038	.050	.035	.023	.016	.011	.007	
6.0	.138	.089	.053	.119	.077	.046	.082	.054	.032	.048	.032	.019	.015	.010	.006	
7.0	.132	.081	.046	.114	.071	.040	.078	.049	.028	.046	.029	.017	.015	.010	.006	
8.0	.126	.075	.041	.109	.065	.035	.075	.046	.025	.044	.027	.015	.014	.009	.005	
9.0	.121	.070	.036	.104	.061	.032	.072	.043	.023	.042	.025	.013	.014	.008	.004	
10.0	.116	.066	.033	.100	.057	.029	.069	.040	.021	.040	.024	.012	.013	.008	.004	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-11-27

γ Range: 0 - 180DEG  
 γ Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**UGR(Unified Glare Rating) Table**

Test:U:220.00V I:0.9859A P:213.39W PF:0.9838 Freq:50.00Hz										
Lamp Flux:29740x1 lm										
NAME:		TYPE: 工矿灯				WEIGHT:				
SPEC.:		DIM.:				SERIAL No.:				
MFR.: EVERFINE		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	6.0	7.2	6.3	7.4	7.6	5.5	6.7	5.7	6.9	7.1
3H	6.3	7.4	6.6	7.6	7.9	5.8	6.9	6.0	7.1	7.3
4H	6.4	7.5	6.7	7.7	8.0	5.9	7.0	6.2	7.2	7.5
6H	6.5	7.5	6.8	7.8	8.1	6.0	7.0	6.3	7.3	7.6
8H	6.5	7.5	6.9	7.8	8.1	6.0	7.0	6.4	7.3	7.6
12H	6.5	7.5	6.9	7.8	8.1	6.0	6.9	6.4	7.2	7.6
4H 2H	6.0	7.1	6.3	7.3	7.6	5.5	6.6	5.8	6.8	7.1
3H	6.4	7.4	6.8	7.7	8.0	6.0	6.9	6.3	7.2	7.5
4H	6.7	7.5	7.0	7.8	8.2	6.2	7.1	6.6	7.4	7.7
6H	6.9	7.6	7.3	8.0	8.3	6.4	7.2	6.8	7.5	7.9
8H	6.9	7.6	7.4	8.0	8.4	6.5	7.2	6.9	7.5	7.9
12H	7.0	7.6	7.4	8.0	8.4	6.5	7.1	7.0	7.5	8.0
8H 4H	6.7	7.4	7.1	7.8	8.2	6.3	7.0	6.7	7.3	7.7
6H	7.0	7.6	7.5	8.0	8.4	6.6	7.2	7.1	7.6	8.0
8H	7.1	7.6	7.6	8.1	8.5	6.7	7.2	7.2	7.7	8.1
12H	7.2	7.7	7.7	8.1	8.6	6.8	7.2	7.3	7.7	8.2
12H 4H	6.7	7.3	7.1	7.7	8.1	6.3	6.9	6.7	7.3	7.7
6H	7.0	7.5	7.5	8.0	8.4	6.6	7.1	7.1	7.6	8.0
8H	7.2	7.6	7.7	8.1	8.6	6.8	7.2	7.3	7.6	8.1
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.9 / - 1.2					+ 1.0 / - 1.4				
1.5H	+ 0.9 / - 1.5					+ 1.1 / - 1.4				
2.0H	+ 2.9 / - 1.9					+ 2.6 / - 1.8				

CIE Pub.117, 29740 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 11.8)  
 Area: 1 m2

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-11-27

γ Range: 0 - 180DEG  
 γ Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:220.00V I:0.9859A P:213.39W PF:0.9838 Freq:50.00Hz Lamp Flux:29740x1 lm		
NAME:	TYPE: 工矿灯	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

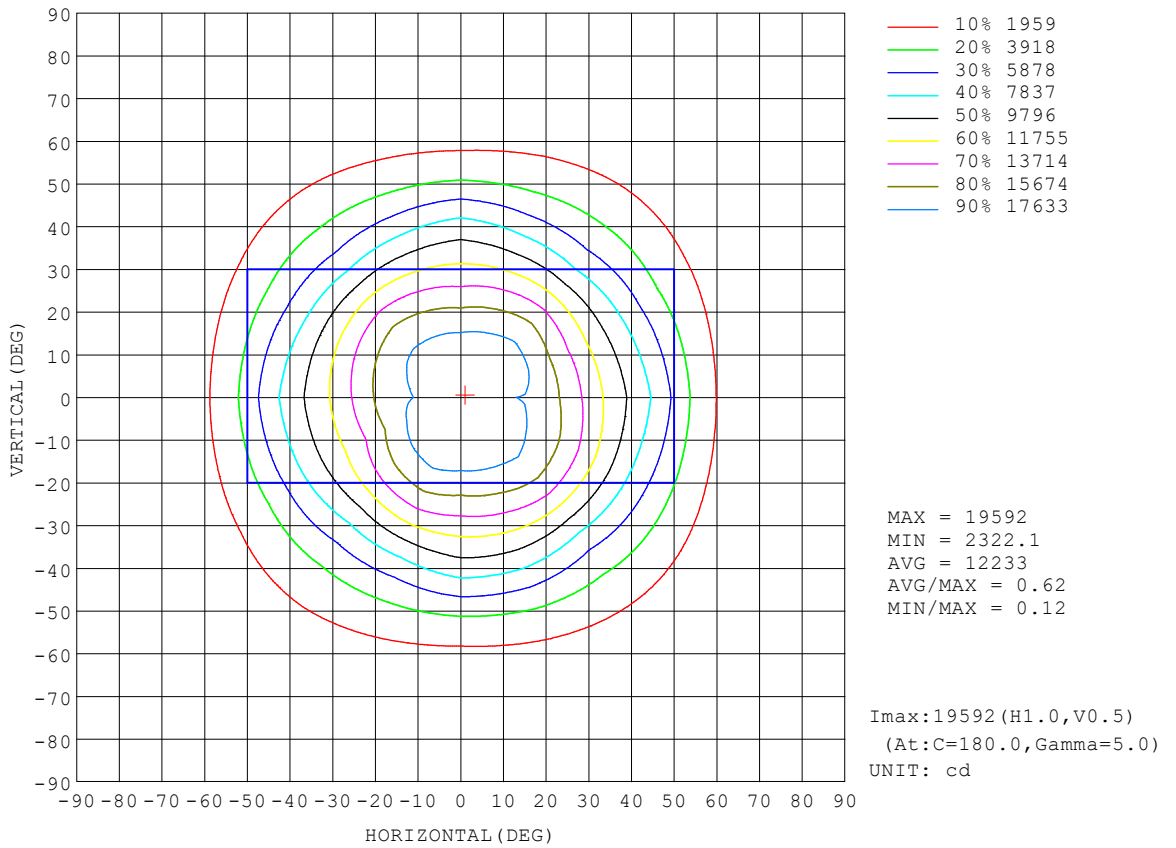
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	71	62	56	70	62	56	69	61	56	51
0.80	80	72	66	79	71	66	78	70	65	60
1.00	88	79	74	86	79	73	84	79	73	67
1.25	93	86	80	92	85	80	90	84	79	73
1.50	97	90	85	96	89	85	93	88	83	77
2.00	102	96	91	100	95	91	97	93	89	82
2.50	105	99	95	103	98	94	99	95	92	85
3.00	107	102	98	105	101	97	101	98	95	87
4.00	110	106	103	108	104	101	104	101	98	90
5.00	112	108	105	109	106	104	105	103	100	92
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:25.3°C  
 Operators:DAMIN  
 Test Date:2023-11-27

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

Test:U:220.00V I:0.9859A P:213.39W PF:0.9838 Freq:50.00Hz Lamp Flux:29740x1 lm		
NAME:	TYPE: 工矿灯	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



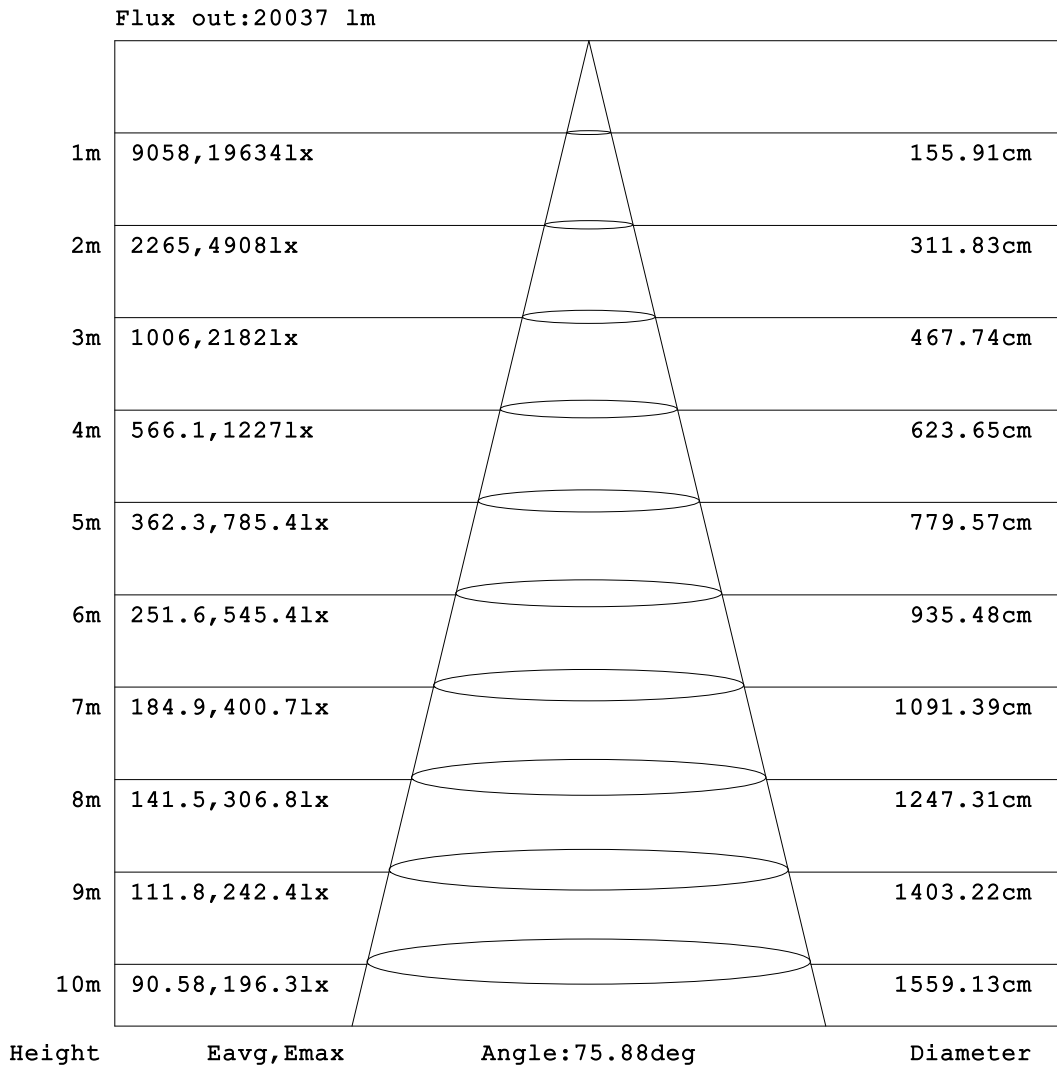
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-11-27

γ Range: 0 - 180DEG  
 γ Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:



**AAI Figure**

Test:U:220.00V I:0.9859A P:213.39W PF:0.9838 Freq:50.00Hz Lamp Flux:29740x1 lm		
NAME:	TYPE: 工矿灯	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



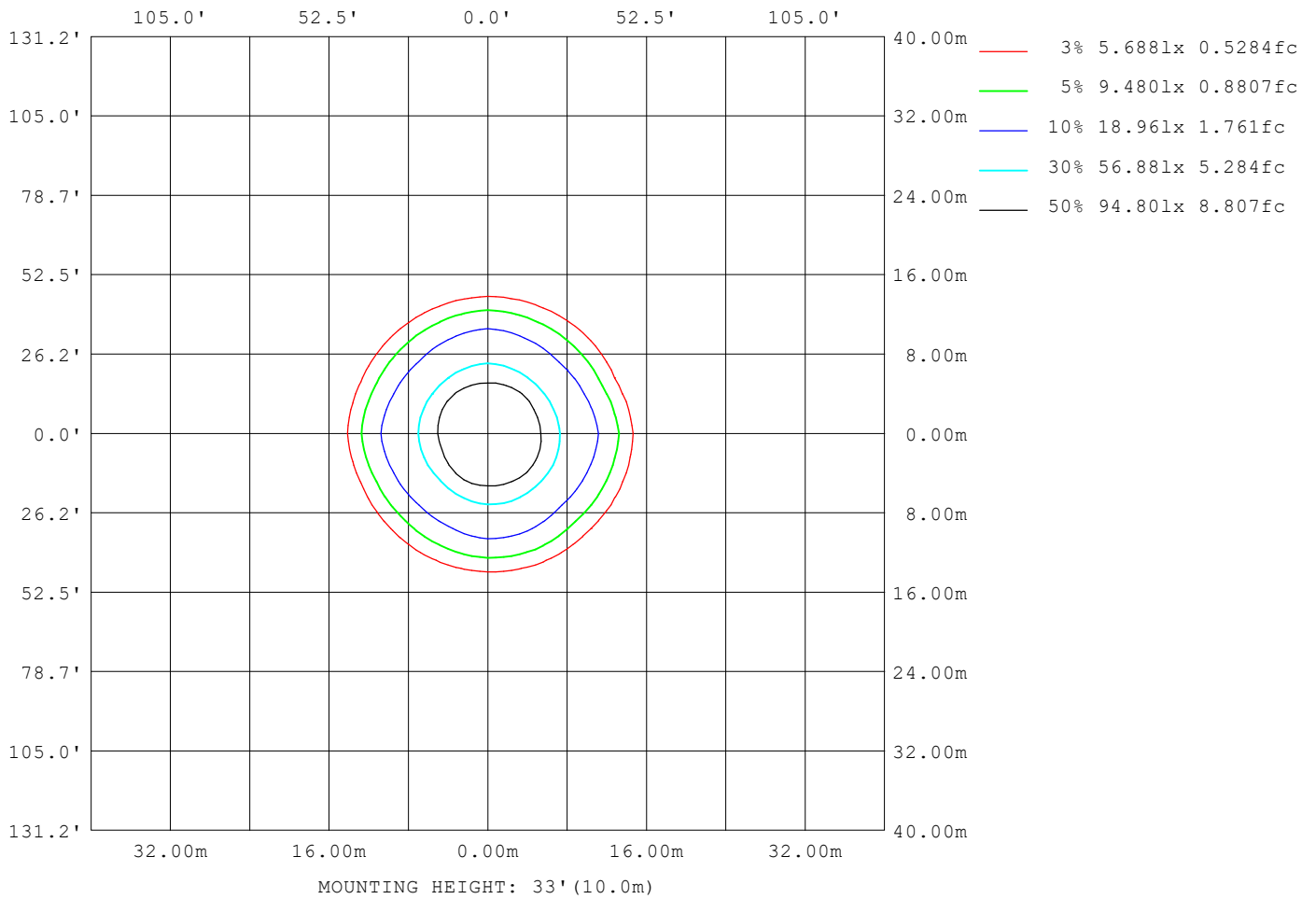
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-11-27

γ Range: 0 - 180DEG  
 γ Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

Test:U:220.00V I:0.9859A P:213.39W PF:0.9838 Freq:50.00Hz Lamp Flux:29740x1 lm		
NAME:	TYPE: 工矿灯	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-11-27

γ Range: 0 - 180DEG  
 γ Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**LED Avg.L Report**

Test:U:220.00V I:0.9859A P:213.39W PF:0.9838 Freq:50.00Hz Lamp Flux:29740x1 lm		
NAME:	TYPE: 工矿灯	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

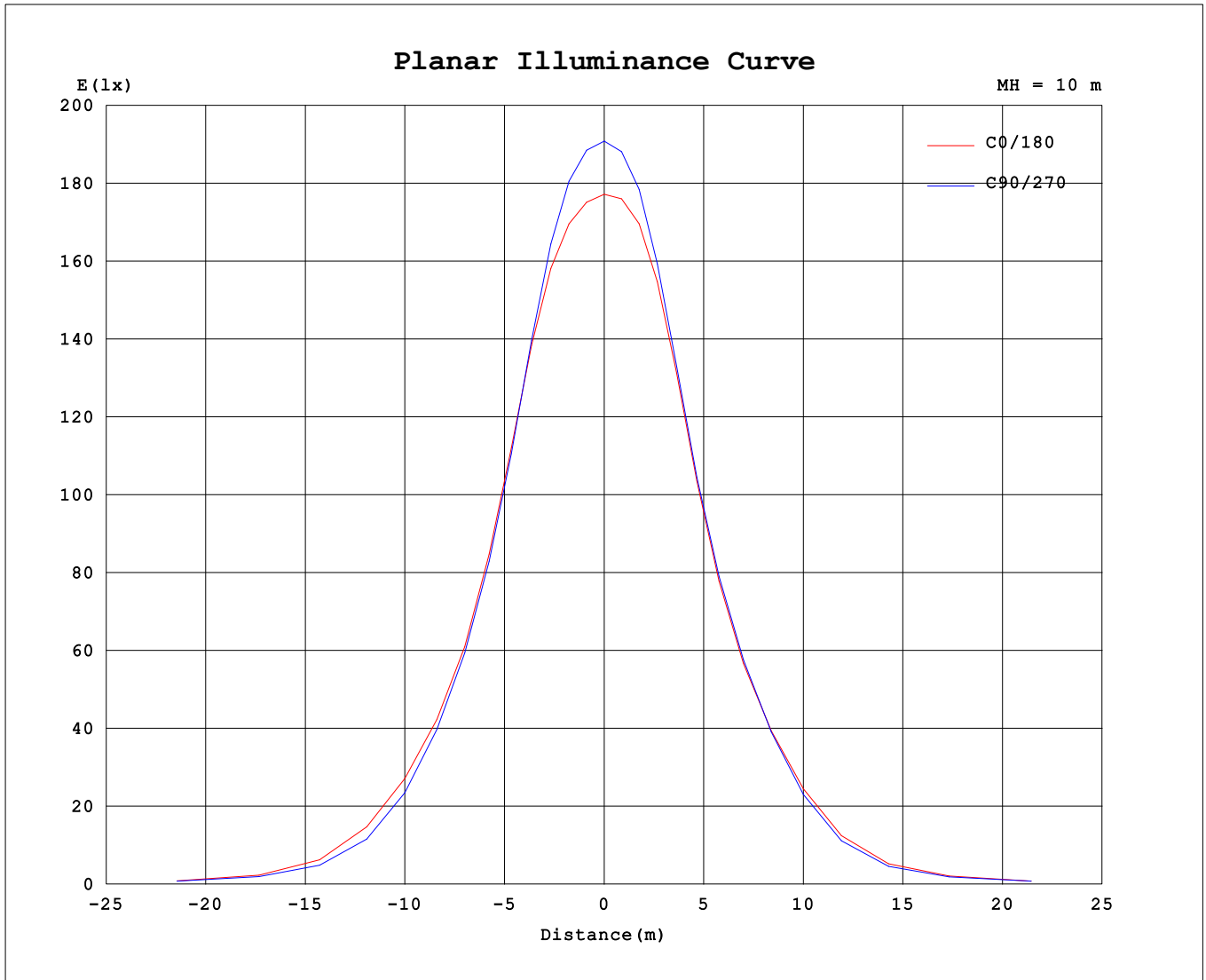
AvgL	cd/m2
L_0~180 (65) av	2963
L_0~180 (75) av	2324
L_0~180 (85) av	1919
L_90~270 (65) av	2630
L_90~270 (75) av	2205
L_90~270 (85) av	1786
L_45 (65) av	2855
L_45 (75) av	2430
L_45 (85) av	2039

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:DAMIN  
 Test Date:2023-11-27

γ Range: 0 - 180DEG  
 γ Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**Planar Illuminance Curve**



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2023-11-27

γ Range: 0 - 180DEG  
 γ Interval: 5.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity: 65.0%  
 Test Distance: 9.401m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.00V I:0.9859A P:213.39W PF:0.9838 Freq:50.00Hz Lamp Flux:29740x1 lm		
NAME:	TYPE: 工矿灯	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1

UNIT: X10cd

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	1883	1883	1883	1883	1883	1883	1883	1883	1883	1883	1883	1883	1883	1883	1883	1883			
5	1882	1880	1882	1882	1881	1876	1868	1860	1891	1890	1886	1882	1877	1875	1875	1876			
10	1887	1881	1882	1875	1864	1851	1824	1790	1887	1880	1873	1858	1843	1841	1846	1839			
15	1864	1862	1862	1832	1799	1788	1735	1656	1823	1817	1817	1778	1744	1755	1779	1754			
20	1772	1785	1787	1718	1660	1664	1592	1474	1680	1688	1700	1634	1581	1610	1656	1606			
25	1599	1633	1636	1537	1465	1472	1394	1283	1478	1500	1515	1441	1386	1420	1470	1411			
30	1387	1426	1411	1322	1260	1235	1156	1112	1274	1277	1271	1226	1201	1205	1229	1202			
35	1180	1185	1132	1102	1066	983	912	951	1097	1048	999	1007	1035	986	968	1001			
40	1000	939	850	883	873	748	695	771	932	823	745	790	858	773	730	806			
45	816	706	612	661	656	550	514	567	737	611	546	582	645	573	540	607			
50	591	500	436	451	431	388	362	380	502	421	394	395	416	392	392	412			
55	357	325	292	281	257	251	240	233	296	264	257	245	243	249	262	258			
60	204	199	185	174	159	163	166	157	180	167	165	156	154	167	172	174			
65	131	131	126	119	110	114	117	115	119	117	116	112	112	117	123	122			
70	92.0	93.4	91.5	86.1	80.4	83.6	86.9	84.7	83.8	85.5	86.1	83.4	83.4	87.7	91.8	90.4			
75	63.1	65.4	64.4	60.1	55.9	58.0	61.0	58.6	57.2	59.4	60.8	58.2	58.3	61.8	65.3	63.2			
80	39.7	41.5	40.9	38.0	34.7	36.3	37.5	36.2	35.2	36.8	38.3	36.1	36.4	38.5	41.2	39.4			
85	18.3	19.6	19.0	17.2	15.2	16.3	16.4	15.3	15.1	15.6	16.5	15.9	16.0	17.6	19.3	18.3			
90	0.79	0.72	0.77	0.75	0.80	0.77	0.75	0.69	0.95	0.91	0.87	0.86	0.81	0.83	0.87	0.85			
95	0.99	0.94	0.94	0.96	0.99	0.96	0.93	0.91	1.33	1.23	1.16	1.12	1.08	1.03	1.00	1.00			
100	1.38	1.28	1.27	1.29	1.32	1.28	1.25	1.25	1.84	1.71	1.59	1.54	1.48	1.41	1.35	1.37			
105	1.88	1.76	1.72	1.74	1.77	1.71	1.70	1.71	2.47	2.32	2.19	2.08	2.01	1.91	1.84	1.85			
110	2.51	2.39	2.32	2.33	2.33	2.29	2.27	2.28	3.25	3.07	2.94	2.78	2.67	2.56	2.47	2.44			
115	3.27	3.15	3.07	3.03	3.01	2.99	2.98	2.97	4.18	3.98	3.83	3.64	3.48	3.35	3.24	3.16			
120	4.16	4.04	3.93	3.86	3.83	3.81	3.80	3.77	5.22	4.99	4.82	4.60	4.41	4.26	4.12	4.00			
125	5.15	5.00	4.88	4.78	4.73	4.70	4.70	4.65	6.29	6.04	5.85	5.61	5.41	5.23	5.07	4.92			
130	6.16	5.99	5.86	5.75	5.66	5.64	5.64	5.58	7.35	7.09	6.88	6.63	6.42	6.24	6.06	5.88			
135	7.18	6.99	6.86	6.73	6.61	6.57	6.58	6.51	8.36	8.11	7.89	7.63	7.41	7.24	7.05	6.85			
140	8.18	7.97	7.82	7.68	7.52	7.49	7.50	7.42	9.32	9.06	8.83	8.55	8.33	8.19	8.01	7.80			
145	9.13	8.89	8.73	8.56	8.39	8.34	8.35	8.27	10.19	9.93	9.68	9.39	9.18	9.04	8.90	8.69			
150	10.00	9.77	9.57	9.36	9.18	9.13	9.12	9.04	11.0	10.7	10.4	10.1	9.92	9.80	9.69	9.50			
155	10.9	10.6	10.4	10.1	9.95	9.87	9.81	9.76	11.8	11.4	11.1	10.8	10.6	10.5	10.4	10.2			
160	11.8	11.5	11.2	11.0	10.7	10.6	10.5	10.5	12.6	12.2	11.8	11.5	11.3	11.2	11.0	10.9			
165	12.8	12.4	12.1	11.9	11.5	11.3	11.3	11.2	13.4	13.0	12.6	12.2	12.0	11.8	11.7	11.5			
170	13.6	13.3	12.9	12.7	12.3	12.1	12.0	11.9	14.1	13.7	13.3	12.8	12.6	12.5	12.3	12.0			
175	14.3	14.0	13.6	13.3	12.9	12.7	12.6	12.4	14.6	14.2	13.8	13.3	13.0	12.9	12.8	12.4			
180	14.7	14.4	14.0	13.6	13.2	13.1	12.9	12.7	14.8	14.3	14.1	13.5	13.3	13.0	12.9	12.6			

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