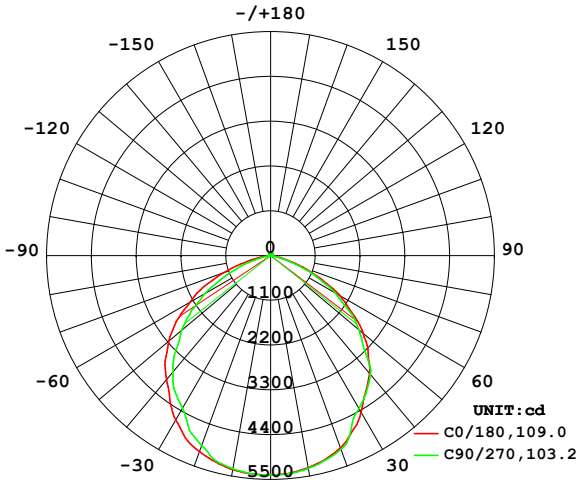
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.95V I:0.8481A P:101.11W PF:0.9938 Freq:60.01Hz UTHDi:0.44% ITHDi:7.87% KDisp:0.0000 Lamp Flux:13772.6x1 lm		
NAME: SS-EPLR01-100W	TYPE: SS-EPLR01-100W	WEIGHT:
SPEC.: 120V	DIM.: 0.3*0.3	SERIAL No.:
MFR.:	SUR.: 0.215*0.25	Shielding Angle:

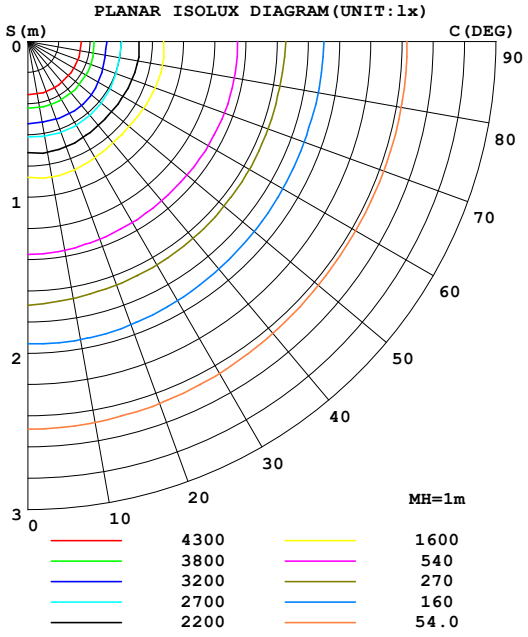
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 136.22 lm/W	
MODEL SS-EPLR01-100W		Imax(cd)	5389	S/MH(C0/180)	1.28
NOMINAL POWER(W)	100	LOR(%)	100.0	S/MH(C90/270)	1.21
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	13773	η UP,DN(C0-180)	1.0,48.4
NOMINAL FLUX(lm)	13772.6	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.0,49.5
LAMPS INSIDE	1	η up(%)	2.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	97.9	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):106.1 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:03 March 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [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	5291	5300	5308	5326	5339	5334	5317	5311	0- 10	511.1	511.1	3.71,3.71
20	5025	5037	5059	5082	5122	5106	4963	5063	10- 20	1471	1982	14.4,14.4
30	4446	4533	4343	4649	4665	4564	4331	4512	20- 30	2214	4197	30.5,30.5
40	3781	3628	3813	3754	3979	3803	3739	3659	30- 40	2599	6795	49.3,49.3
50	2965	2849	2834	2990	3265	2976	2852	2846	40- 50	2609	9405	68.3,68.3
60	1973	1817	1845	1997	2280	2032	1853	1863	50- 60	2182	11586	84.1,84.1
70	849.1	734.7	746.2	945.7	1223	969.2	778.6	823.6	60- 70	1381	12968	94.2,94.2
80	104.3	107.1	59.63	119.1	254.0	178.2	61.31	106.5	70- 80	461.7	13430	97.5,97.5
90	31.75	31.51	30.15	30.79	30.91	30.74	29.94	31.24	80- 90	55.81	13485	97.9,97.9
100	36.08	35.40	34.28	34.63	34.50	34.04	33.87	34.87	90-100	35.51	13521	98.2,98.2
110	41.31	40.58	39.51	39.53	39.40	38.68	38.82	39.77	100-110	39.30	13560	98.5,98.5
120	46.18	45.72	44.94	44.52	44.09	43.46	44.03	44.60	110-120	41.86	13602	98.8,98.8
130	50.21	50.32	49.73	48.85	48.19	47.87	48.89	49.27	120-130	42.08	13644	99.1,99.1
140	54.16	54.58	53.90	52.87	52.41	52.35	53.62	54.00	130-140	39.67	13684	99.4,99.4
150	59.03	59.24	58.35	57.34	57.93	57.53	58.74	59.26	140-150	35.05	13719	99.6,99.6
160	64.73	64.55	63.54	62.83	64.16	63.23	64.10	64.87	150-160	28.23	13747	99.8,99.8
170	69.83	69.03	68.10	68.10	69.72	68.30	68.45	69.26	160-170	18.78	13766	100,100
180	72.34	70.87	70.31	70.92	72.43	70.95	70.40	70.98	170-180	6.667	13773	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 8127.1 lm

%lum = 59.0%
%lamp = 59.0%

Conical surface Flux(130deg): 12397 lm

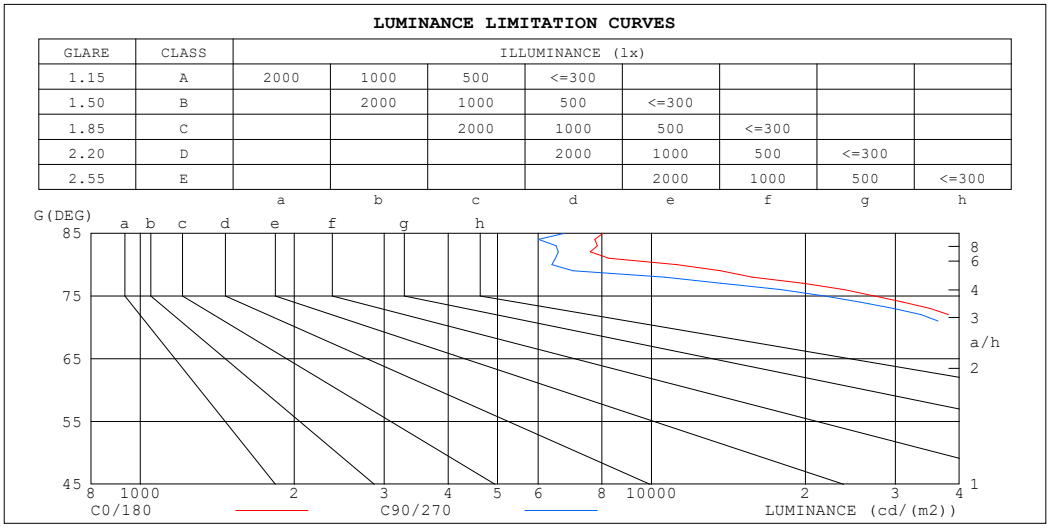
%lum = 90.0%
%lamp = 90.0%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:03 March 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.95V I:0.8481A P:101.11W PF:0.9938 Freq:60.01Hz UTHDi:0.44% ITHDi:7.87% KDisp:0.0000 Lamp Flux:13772.6x1 lm		
NAME: SS-EPLR01-100W	TYPE: SS-EPLR01-100W	WEIGHT:
SPEC.: 120V	DIM.: 0.3*0.3	SERIAL No.:
MFR.:	SUR.: 0.215*0.25	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	8043	6768
80	11220	6385
75	27308	21814
70	46389	40566
65	60727	55656
60	73749	68603
55	79280	75611
50	86184	81987
45	89621	85441

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:03 March 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

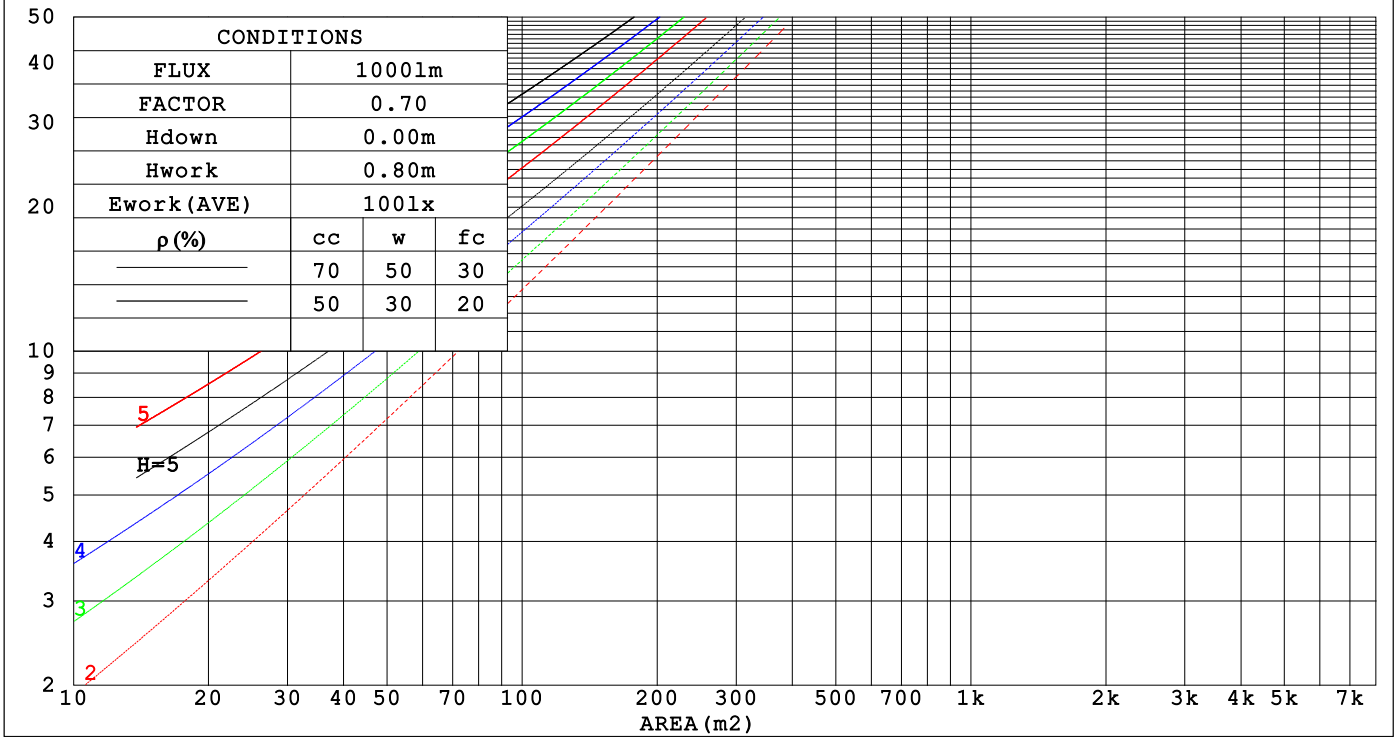
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.95V I:0.8481A P:101.11W PF:0.9938 Freq:60.01Hz UTHDi:0.44% ITHDi:7.87% KDisp:0.0000 Lamp Flux:13772.6x1 lm		
NAME: SS-EPLR01-100W	TYPE: SS-EPLR01-100W	WEIGHT:
SPEC.: 120V	DIM.: 0.3*0.3	SERIAL No.:
MFR.:	SUR.: 0.215*0.25	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	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	.98
1.0	1.05	1.02	.98	1.03	.00	.97	.98	.96	.93	.94	.92	.90	.90	.89	.87	.85
2.0	.93	.87	.82	.91	.85	.81	.87	.82	.78	.84	.80	.76	.80	.77	.74	.72
3.0	.82	.75	.69	.81	.74	.68	.77	.72	.67	.74	.69	.65	.72	.68	.64	.62
4.0	.73	.65	.59	.72	.64	.58	.69	.63	.57	.67	.61	.56	.64	.59	.55	.53
5.0	.66	.57	.51	.65	.57	.51	.62	.55	.50	.60	.54	.49	.58	.53	.49	.46
6.0	.59	.51	.45	.58	.50	.44	.56	.49	.44	.55	.48	.43	.53	.47	.43	.41
7.0	.54	.46	.40	.53	.45	.39	.51	.44	.39	.50	.43	.39	.48	.43	.38	.36
8.0	.49	.41	.35	.49	.41	.35	.47	.40	.35	.46	.39	.35	.44	.39	.34	.32
9.0	.45	.37	.32	.45	.37	.32	.43	.36	.32	.42	.36	.31	.41	.35	.31	.29
10.0	.42	.34	.29	.41	.34	.29	.40	.33	.29	.39	.33	.28	.38	.32	.28	.27

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:03 March 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:119.95V I:0.8481A P:101.11W PF:0.9938 Freq:60.01Hz UTHDi:0.44% ITHDi:7.87% KDisp:0.0000 Lamp Flux:13772.6x1 lm		
NAME: SS-EPLR01-100W	TYPE: SS-EPLR01-100W	WEIGHT:
SPEC.: 120V	DIM.: 0.3*0.3	SERIAL No.:
MFR.:	SUR.: 0.215*0.25	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	.270	.153	.049	.262	.149	.047	.248	.142	.045	.235	.135	.043	.223	.129	.042	
2.0	.262	.144	.044	.255	.141	.043	.243	.135	.042	.231	.130	.041	.220	.125	.039	
3.0	.247	.132	.039	.241	.129	.039	.230	.125	.038	.220	.121	.037	.211	.117	.036	
4.0	.232	.120	.035	.226	.119	.035	.217	.115	.034	.207	.111	.034	.199	.108	.033	
5.0	.217	.110	.032	.212	.109	.032	.203	.106	.031	.195	.103	.031	.187	.100	.030	
6.0	.203	.102	.029	.198	.100	.029	.190	.098	.028	.183	.095	.028	.176	.093	.028	
7.0	.190	.094	.027	.186	.093	.026	.179	.090	.026	.172	.088	.026	.166	.086	.025	
8.0	.178	.087	.024	.175	.086	.024	.168	.084	.024	.162	.082	.024	.157	.080	.023	
9.0	.168	.081	.023	.165	.080	.023	.159	.079	.022	.153	.077	.022	.148	.075	.022	
10.0	.158	.076	.021	.155	.075	.021	.150	.074	.021	.145	.072	.021	.141	.071	.020	

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	.206	.206	.206	.176	.176	.176	.120	.120	.120	.069	.069	.069	.022	.022	.022	
1.0	.194	.173	.154	.166	.148	.132	.113	.102	.091	.065	.059	.053	.021	.019	.017	
2.0	.184	.148	.118	.158	.128	.102	.108	.088	.071	.062	.051	.042	.020	.017	.014	
3.0	.176	.130	.094	.151	.112	.081	.104	.078	.057	.060	.046	.034	.019	.015	.011	
4.0	.169	.117	.077	.145	.101	.067	.100	.070	.047	.058	.041	.028	.019	.013	.009	
5.0	.162	.106	.066	.139	.092	.057	.096	.064	.040	.055	.038	.024	.018	.012	.008	
6.0	.155	.098	.057	.133	.085	.050	.092	.059	.035	.053	.035	.021	.017	.011	.007	
7.0	.148	.091	.051	.128	.079	.044	.088	.055	.031	.051	.033	.019	.017	.011	.006	
8.0	.142	.085	.046	.122	.074	.040	.085	.052	.029	.049	.031	.017	.016	.010	.006	
9.0	.137	.080	.042	.118	.070	.037	.081	.049	.026	.047	.029	.016	.015	.010	.005	
10.0	.131	.076	.040	.113	.066	.034	.078	.047	.025	.046	.027	.015	.015	.009	.005	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:03 March 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:119.95V I:0.8481A P:101.11W PF:0.9938 Freq:60.01Hz UTHDi:0.44% ITHDi:7.87% KDisp:0.0000 Lamp Flux:13772.6x1 lm		
NAME: SS-EPLR01-100W	TYPE: SS-EPLR01-100W	WEIGHT:
SPEC.: 120V	DIM.: 0.3*0.3	SERIAL No.:
MFR.:	SUR.: 0.215*0.25	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	27.8	29.2	28.1	29.4	29.6	27.5	28.9	27.8	29.1	29.4
3H	28.6	29.9	28.9	30.1	30.4	28.2	29.5	28.5	29.7	30.0
4H	28.7	29.9	29.0	30.2	30.5	28.2	29.5	28.6	29.7	30.0
6H	28.6	29.8	29.0	30.1	30.4	28.2	29.3	28.5	29.6	29.9
8H	28.6	29.7	28.9	30.0	30.3	28.1	29.2	28.5	29.5	29.9
12H	28.5	29.6	28.9	29.9	30.3	28.1	29.1	28.4	29.5	29.8
4H 2H	28.1	29.3	28.4	29.6	29.9	27.9	29.1	28.2	29.4	29.7
3H	29.0	30.0	29.4	30.4	30.7	28.6	29.7	29.0	30.0	30.4
4H	29.1	30.1	29.5	30.4	30.8	28.7	29.7	29.1	30.1	30.4
6H	29.1	30.0	29.5	30.3	30.7	28.7	29.5	29.1	29.9	30.3
8H	29.1	29.9	29.5	30.3	30.7	28.6	29.4	29.1	29.8	30.3
12H	29.0	29.8	29.5	30.2	30.6	28.6	29.3	29.1	29.7	30.2
8H 4H	29.1	29.9	29.5	30.3	30.7	28.7	29.5	29.2	29.9	30.3
6H	29.1	29.7	29.6	30.2	30.6	28.7	29.3	29.2	29.8	30.2
8H	29.1	29.6	29.6	30.1	30.6	28.7	29.2	29.1	29.7	30.2
12H	29.0	29.5	29.6	30.0	30.5	28.6	29.1	29.1	29.6	30.1
12H 4H	29.1	29.8	29.5	30.2	30.6	28.7	29.4	29.1	29.8	30.3
6H	29.1	29.6	29.6	30.1	30.6	28.7	29.2	29.1	29.7	30.2
8H	29.0	29.5	29.5	30.0	30.5	28.6	29.1	29.1	29.6	30.1
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.4 / - 0.5					+ 0.4 / - 0.5				
1.5H	+ 0.3 / - 0.5					+ 0.2 / - 0.4				
2.0H	+ 0.7 / - 0.9					+ 0.7 / - 0.8				

CIE Pub.117, 13773 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 9.1)
Area: 0.05375 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:03 March 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:119.95V I:0.8481A P:101.11W PF:0.9938 Freq:60.01Hz UTHDi:0.44% ITHDi:7.87% KDisp:0.0000 Lamp Flux:13772.6x1 lm		
NAME: SS-EPLR01-100W	TYPE: SS-EPLR01-100W	WEIGHT:
SPEC.: 120V	DIM.: 0.3*0.3	SERIAL No.:
MFR.:	SUR.: 0.215*0.25	Shielding Angle:

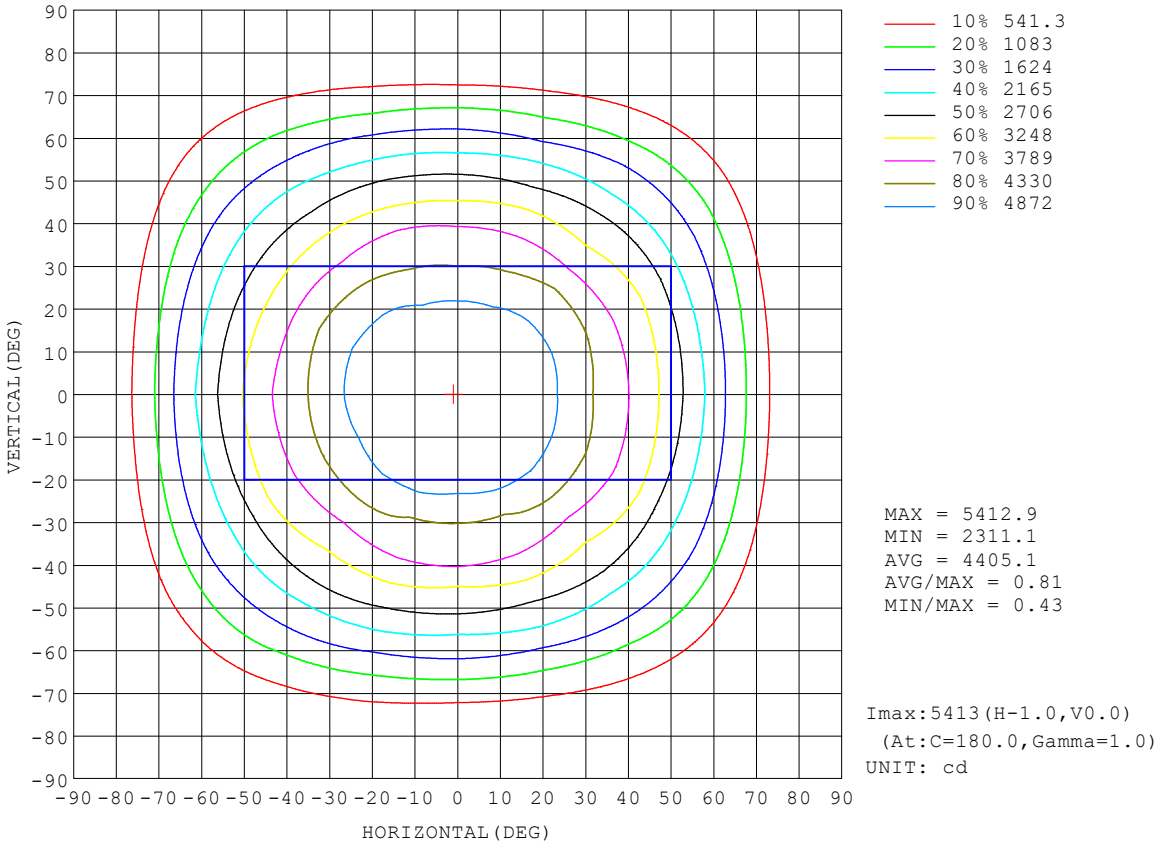
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	60	49	42	59	48	42	58	48	42	36
0.80	70	59	52	69	59	52	67	58	52	45
1.00	79	68	62	78	68	61	75	69	61	54
1.25	86	76	70	84	75	69	82	74	68	61
1.50	91	82	75	89	81	75	86	79	73	66
2.00	97	90	84	95	88	83	92	86	81	73
2.50	101	94	88	99	92	87	95	89	85	77
3.00	104	98	93	102	96	92	97	93	89	81
4.00	107	102	98	105	101	97	101	97	94	85
5.00	110	105	102	107	103	100	102	99	97	87
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: MEDIUM
Temperature:25.3℃
Operators:
Test Date:03 March 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:119.95V I:0.8481A P:101.11W PF:0.9938 Freq:60.01Hz UTHDi:0.44% ITHDi:7.87% KDisp:0.0000 Lamp Flux:13772.6x1 lm		
NAME: SS-EPLR01-100W	TYPE: SS-EPLR01-100W	WEIGHT:
SPEC.: 120V	DIM.: 0.3*0.3	SERIAL No.:
MFR.:	SUR.: 0.215*0.25	Shielding Angle:



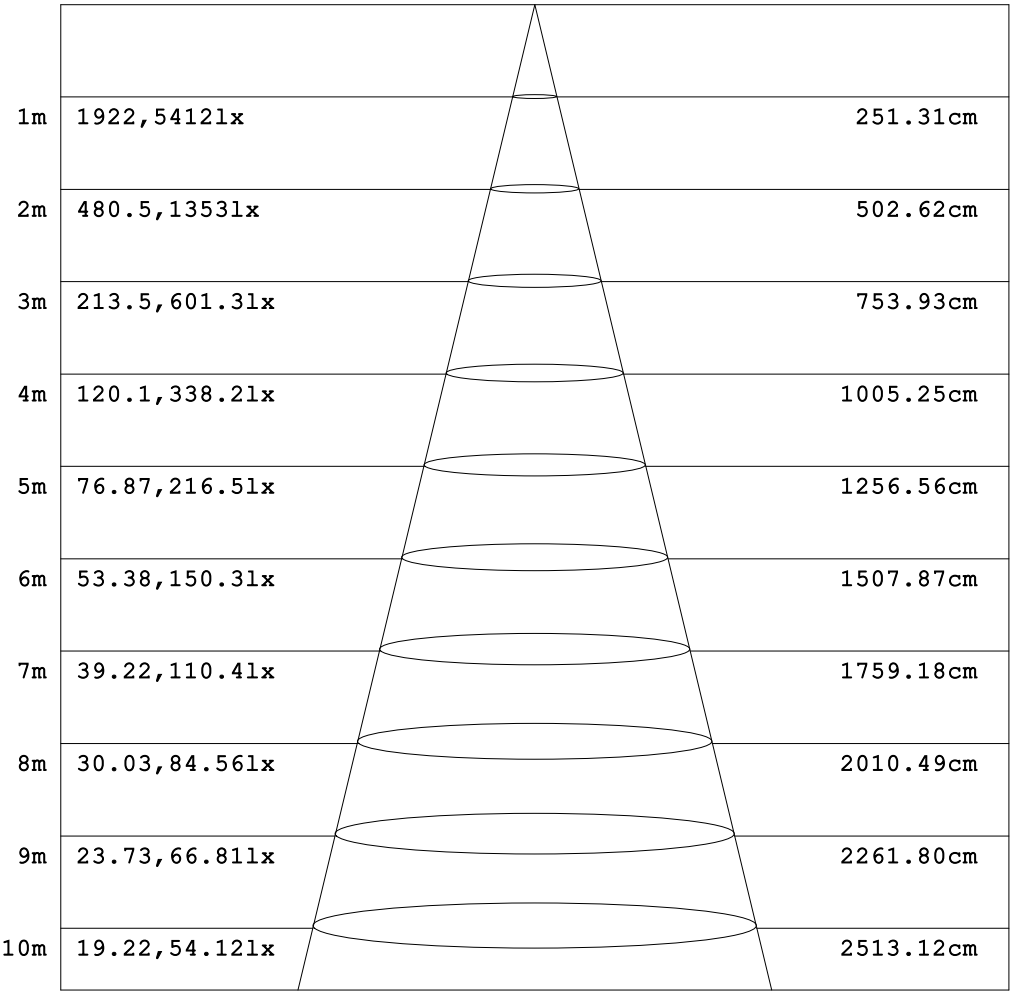
C Range: 0 - 360DEG
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Test Speed: MEDIUM
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

AAI Figure

Test:U:119.95V I:0.8481A P:101.11W PF:0.9938 Freq:60.01Hz UTHDi:0.44% ITHDi:7.87% KDisp:0.0000 Lamp Flux:13772.6x1 lm		
NAME: SS-EPLR01-100W	TYPE: SS-EPLR01-100W	WEIGHT:
SPEC.: 120V	DIM.: 0.3*0.3	SERIAL No.:
MFR.:	SUR.: 0.215*0.25	Shielding Angle:

Flux out:9891 lm



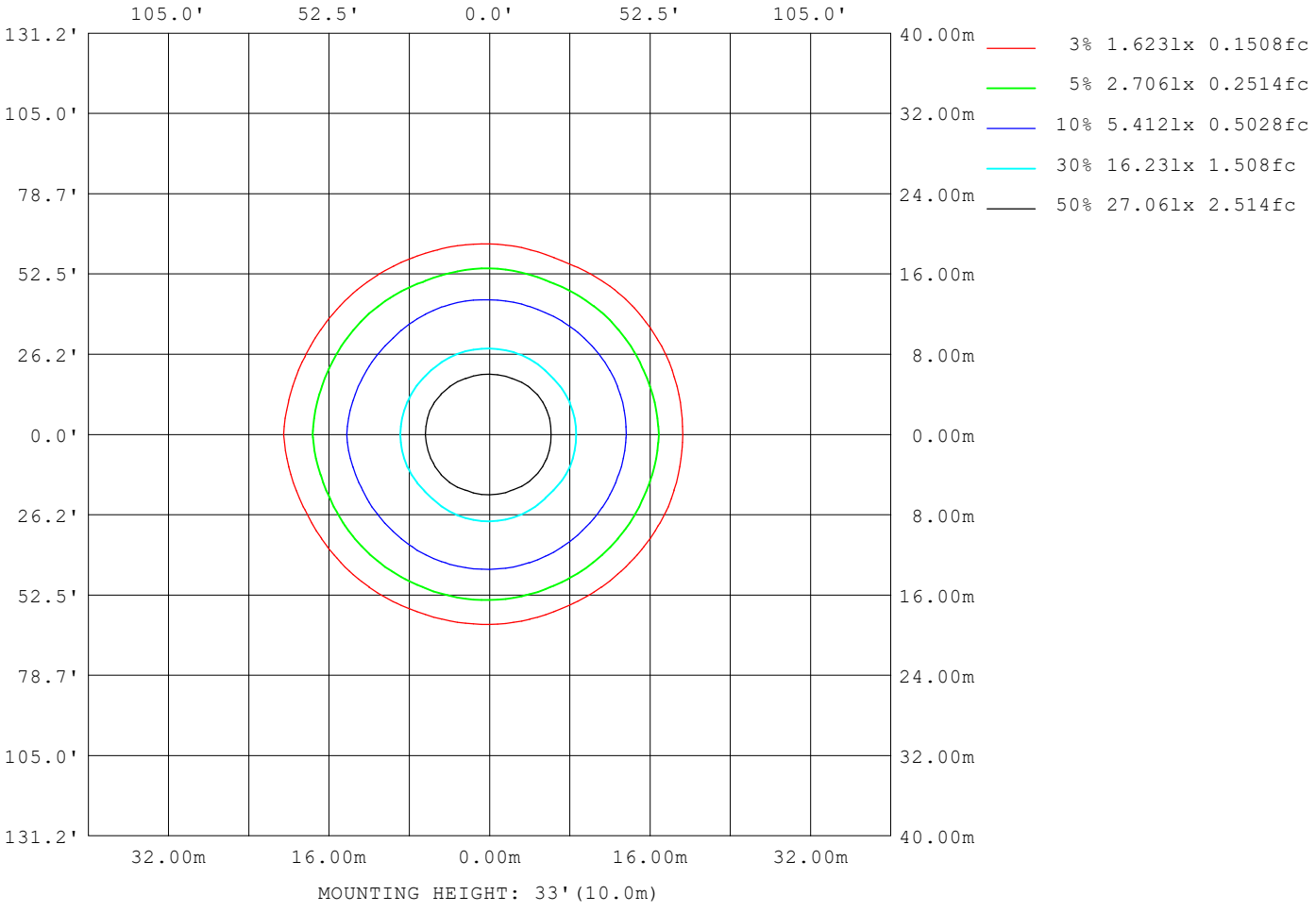
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:03 March 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:119.95V I:0.8481A P:101.11W PF:0.9938 Freq:60.01Hz UTHDi:0.44% ITHDi:7.87% KDisp:0.0000 Lamp Flux:13772.6x1 lm		
NAME: SS-EPLR01-100W	TYPE: SS-EPLR01-100W	WEIGHT:
SPEC.: 120V	DIM.: 0.3*0.3	SERIAL No.:
MFR.:	SUR.: 0.215*0.25	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:03 March 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:119.95V I:0.8481A P:101.11W PF:0.9938 Freq:60.01Hz UTHDi:0.44% ITHDi:7.87% KDisp:0.0000 Lamp Flux:13772.6x1 lm		
NAME: SS-EPLR01-100W	TYPE: SS-EPLR01-100W	WEIGHT:
SPEC.: 120V	DIM.: 0.3*0.3	SERIAL No.:
MFR.:	SUR.: 0.215*0.25	Shielding Angle:

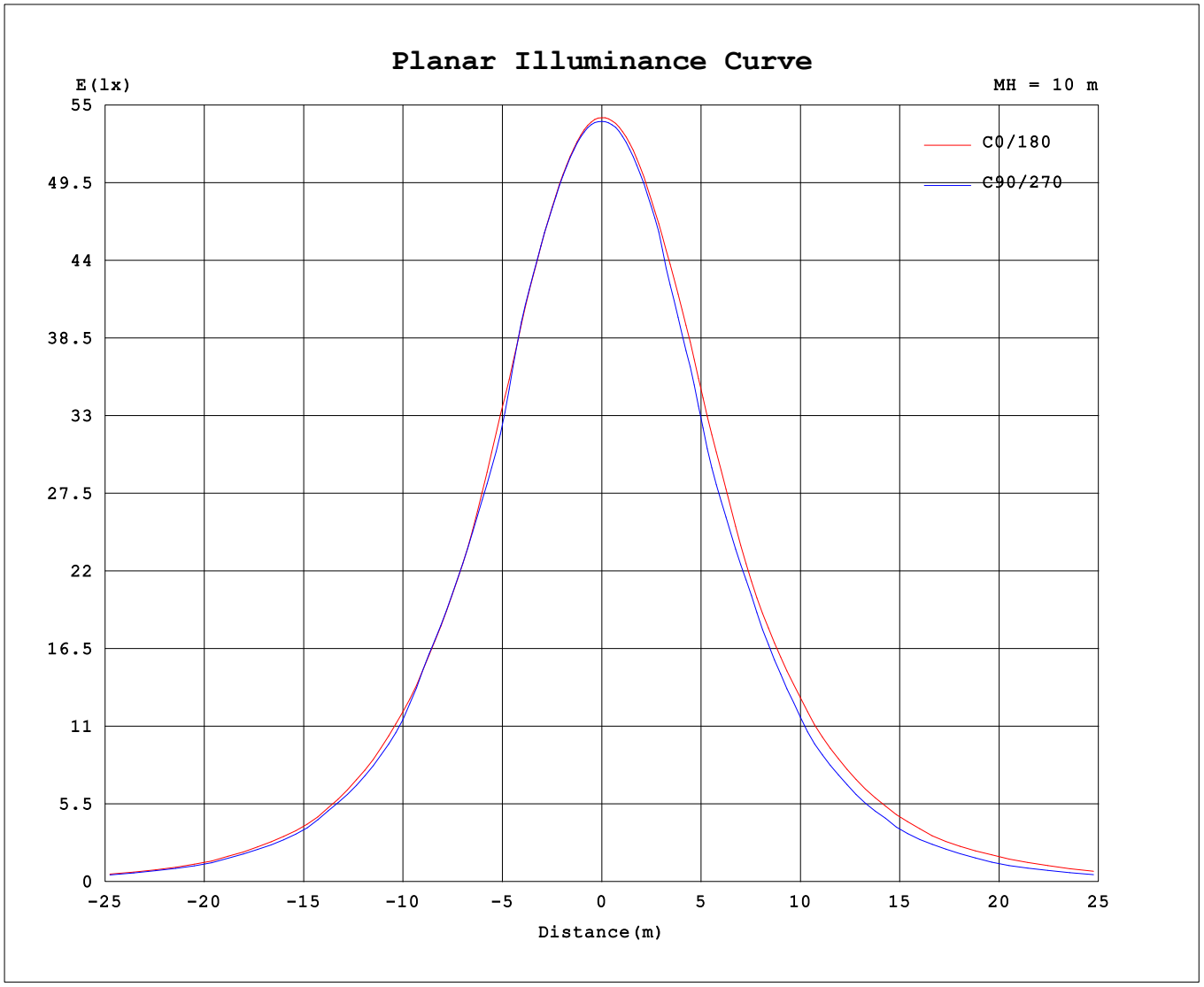
AvgL	cd/m2
L_0~180(65)av	70204
L_0~180(75)av	37705
L_0~180(85)av	10258
L_90~270(65)av	56273
L_90~270(75)av	22908
L_90~270(85)av	6708
L_45(65)av	59251
L_45(75)av	28872
L_45(85)av	8408

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:03 March 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:03 March 2025

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.95V I:0.8481A P:101.11W PF:0.9938 Freq:60.01Hz UTHDi:0.44% ITHDi:7.87% KDisp:0.0000 Lamp Flux:13772.6x1 lm		
NAME: SS-EPLR01-100W	TYPE: SS-EPLR01-100W	WEIGHT:
SPEC.: 120V	DIM.: 0.3*0.3	SERIAL No.:
MFR.:	SUR.: 0.215*0.25	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	5388	5388	5388	5388	5388	5388	5388	5388	5388	5388	5388	5388	5388	5388	5388	5388			
5	5364	5364	5365	5372	5375	5376	5375	5375	5382	5381	5384	5382	5379	5372	5371	5372			
10	5291	5297	5300	5308	5308	5317	5326	5324	5339	5335	5334	5324	5317	5307	5311	5307			
15	5183	5191	5193	5201	5206	5217	5224	5227	5247	5238	5241	5227	5219	5206	5209	5202			
20	5025	5039	5037	5052	5059	5082	5082	5091	5122	5114	5106	4996	4963	4967	5063	5059			
25	4757	4802	4843	4777	4690	4843	4905	4903	4946	4941	4889	4747	4730	4726	4803	4838			
30	4446	4515	4533	4329	4343	4372	4649	4634	4665	4679	4564	4401	4331	4384	4512	4548			
35	4078	4122	4005	4078	4101	4130	4171	4301	4317	4358	4206	4115	4091	4064	4168	4173			
40	3781	3793	3628	3757	3813	3822	3754	3919	3979	3936	3803	3833	3739	3727	3659	3791			
45	3391	3427	3206	3343	3249	3432	3341	3582	3668	3499	3416	3346	3294	3320	3234	3442			
50	2965	2910	2849	2790	2834	2869	2990	3192	3265	3120	2976	2881	2852	2780	2846	3003			
55	2433	2376	2251	2357	2332	2453	2462	2609	2830	2631	2471	2438	2383	2338	2355	2465			
60	1973	1858	1817	1751	1845	1852	1997	2076	2280	2144	2032	1858	1853	1739	1863	1890			
65	1373	1345	1221	1181	1265	1304	1433	1644	1816	1664	1469	1337	1292	1224	1261	1398			
70	849	771	735	727	746	802	946	1039	1223	1071	969	804	779	744	824	848			
75	378	352	321	319	304	386	418	509	671	605	514	387	334	334	354	394			
80	104	108	107	76.0	59.6	82.5	119	144	254	234	178	110	61.3	75.4	106	108			
85	37.5	40.7	38.5	37.1	31.7	32.7	35.9	43.5	58.6	58.3	46.3	38.1	31.1	34.4	36.9	39.6			
90	31.7	31.6	31.5	30.8	30.2	30.0	30.8	31.1	30.9	30.7	30.7	30.4	29.9	30.5	31.2	32.0			
95	33.7	33.4	33.0	32.3	32.0	32.0	32.6	32.8	32.4	32.2	31.8	31.7	31.7	32.1	32.6	33.2			
100	36.1	35.8	35.4	34.6	34.3	34.1	34.6	34.7	34.5	34.5	34.0	33.8	33.9	34.3	34.9	35.4			
105	38.7	38.4	38.0	37.2	36.8	36.6	37.0	37.4	36.9	36.7	36.3	36.2	36.3	36.8	37.3	37.9			
110	41.3	41.0	40.6	39.8	39.5	39.2	39.5	39.9	39.4	39.1	38.7	38.6	38.8	39.3	39.8	40.3			
115	43.8	43.6	43.2	42.5	42.3	41.8	42.1	42.4	41.8	41.5	41.1	41.1	41.4	41.8	42.2	42.7			
120	46.2	46.0	45.7	45.1	44.9	44.4	44.5	44.8	44.1	43.8	43.5	43.5	44.0	44.3	44.6	45.0			
125	48.3	48.3	48.1	47.6	47.4	46.8	46.8	47.0	46.2	46.0	45.7	45.9	46.5	46.8	47.0	47.1			
130	50.2	50.4	50.3	49.9	49.7	49.1	48.8	49.0	48.2	48.0	47.9	48.3	48.9	49.1	49.3	49.3			
135	52.1	52.5	52.4	52.1	51.8	51.2	50.8	50.8	50.2	50.0	50.0	50.6	51.2	51.5	51.6	51.5			
140	54.2	54.6	54.6	54.3	53.9	53.2	52.9	52.8	52.4	52.2	52.3	53.0	53.6	54.0	54.0	53.9			
145	56.5	56.9	56.8	56.5	56.0	55.4	55.0	54.9	55.0	54.7	54.9	55.5	56.2	56.6	56.6	56.5			
150	59.0	59.3	59.2	58.8	58.4	57.7	57.3	57.3	57.9	57.4	57.5	58.1	58.7	59.1	59.3	59.3			
155	61.8	62.1	61.8	61.4	60.9	60.3	60.0	60.1	61.1	60.4	60.4	60.8	61.4	61.8	62.0	62.2			
160	64.7	64.9	64.6	64.1	63.5	63.0	62.8	63.0	64.2	63.3	63.2	63.5	64.1	64.5	64.9	65.1			
165	67.5	67.5	67.0	66.5	66.0	65.7	65.6	65.8	67.1	66.1	65.9	66.1	66.4	66.9	67.3	67.7			
170	69.8	69.6	69.0	68.6	68.1	68.0	68.1	68.4	69.7	68.5	68.3	68.3	68.5	68.8	69.3	69.7			
175	71.6	71.0	70.4	70.0	69.6	69.7	70.0	70.4	71.7	70.4	70.1	69.7	69.8	70.1	70.5	71.0			
180	72.3	71.4	70.9	70.6	70.3	70.6	70.9	71.3	72.4	71.3	71.0	70.5	70.4	70.6	71.0	71.3			

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