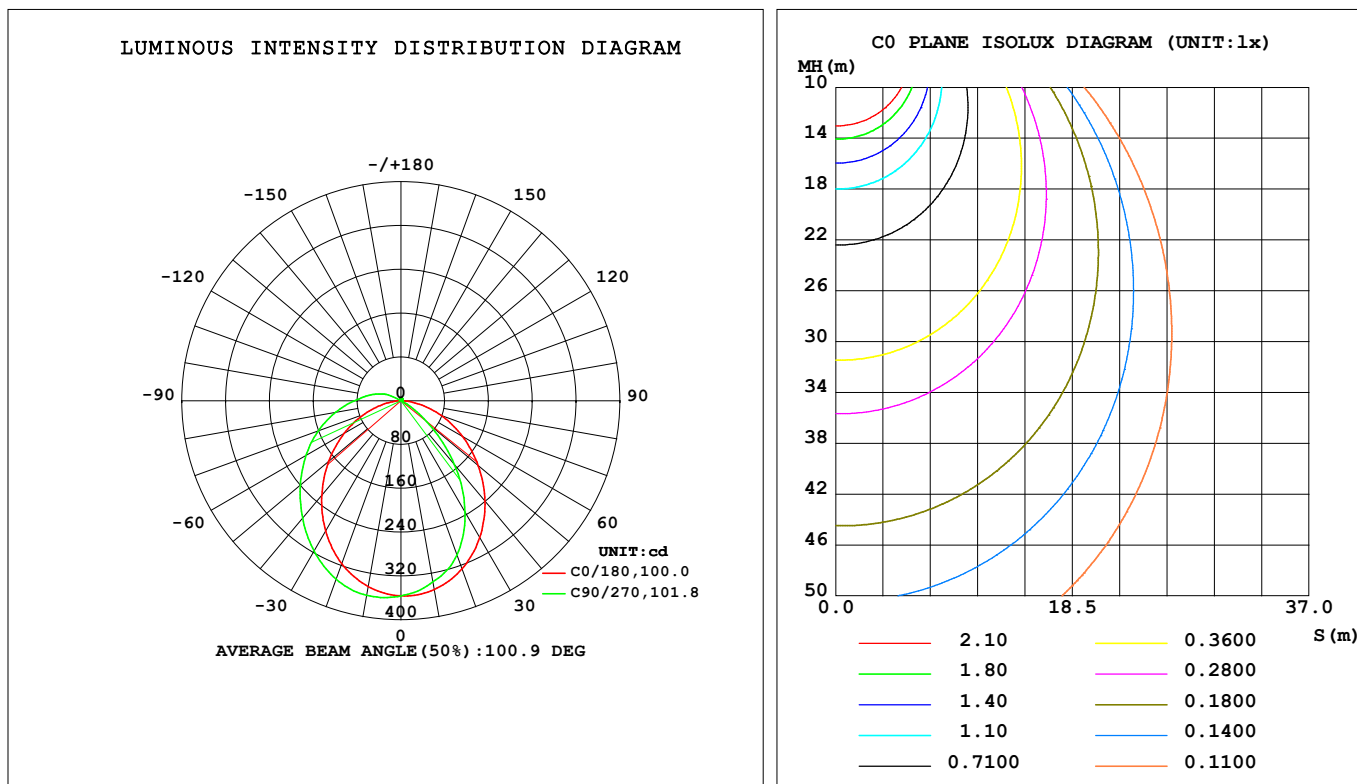


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:240.11V I:0.1082A P:17.234W PF:0.6634 Freq:0Hz Lamp Flux:956.71lx1 lm		
NAME: SUPER MINI EDGE_1074_WHT_OPAL V_DPAL-007_4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DARKON	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 55.51 lm/W
MODEL	DPAL-007 4000K	I _{max} (cd)	361.6	S/MH (C0/180)	1.16	
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.32	
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	956.71	η UP,DN (C0-180)	0.8,34.5	
NOMINAL FLUX (lm)	956.711	CIE CLASS	DIRECT	η UP,DN (C180-360)	4.5,60.2	
LAMPS INSIDE	1	η up (%)	5.3	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	230	η down (%)	94.7	CIBSE SHR MAX	1.35	



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JEFF
 Test Date: 01 October 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity: 65.0%
 Test Distance: 7.250m [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	350.1	341.6	336.0	337.4	344.6	354.6	360.8	359.3	0- 10	33.64	33.64	3.52,3.52
20	326.6	311.7	299.8	304.2	316.5	336.2	346.6	345.0	10- 20	95.20	128.8	13.5,13.5
30	288.1	263.9	234.2	253.5	275.0	302.9	317.1	314.6	20- 30	139.9	268.7	28.1,28.1
40	238.9	198.8	152.6	188.3	225.0	261.7	279.7	274.5	30- 40	159.8	428.5	44.8,44.8
50	184.4	128.0	68.17	118.1	172.4	217.9	240.0	229.9	40- 50	153.9	582.4	60.9,60.9
60	129.7	57.15	15.45	49.33	120.2	174.8	200.3	185.0	50- 60	128.1	710.5	74.3,74.3
70	77.85	7.823	0.5702	5.956	70.77	131.7	160.7	139.6	60- 70	94.62	805.1	84.2,84.2
80	30.33	0.6172	0.8994	0.6921	26.58	89.71	120.9	95.22	70- 80	62.87	867.9	90.7,90.7
90	0.8047	0.9805	1.309	1.087	0.7836	54.55	84.98	57.83	80- 90	37.74	905.7	94.7,94.7
100	0.8180	1.432	1.773	1.551	0.9629	32.93	59.65	36.45	90-100	22.94	928.6	97.1,97.1
110	1.285	1.921	2.253	2.065	1.476	10.35	36.53	13.40	100-110	13.23	941.9	98.4,98.4
120	1.817	2.429	2.730	2.572	2.032	1.329	3.223	1.307	110-120	5.135	947.0	99,99
130	2.397	2.952	3.224	3.096	2.621	1.922	1.596	1.966	120-130	1.960	949.0	99.2,99.2
140	2.999	3.469	3.680	3.604	3.216	2.573	2.326	2.639	130-140	2.140	951.1	99.4,99.4
150	3.591	3.949	4.130	4.056	3.774	3.254	3.050	3.304	140-150	2.103	953.2	99.6,99.6
160	4.131	4.372	4.535	4.454	4.282	3.928	3.793	3.950	150-160	1.807	955.0	99.8,99.8
170	4.573	4.695	4.877	4.758	4.673	4.520	4.523	4.526	160-170	1.247	956.3	100,100
180	4.842	4.874	4.996	4.893	4.846	4.880	4.996	4.896	170-180	0.4536	956.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 507.64 lm

%lum = 53.1%

%lamp = 53.1%

Conical surface Flux(120deg): 710.46 lm

%lum = 74.3%

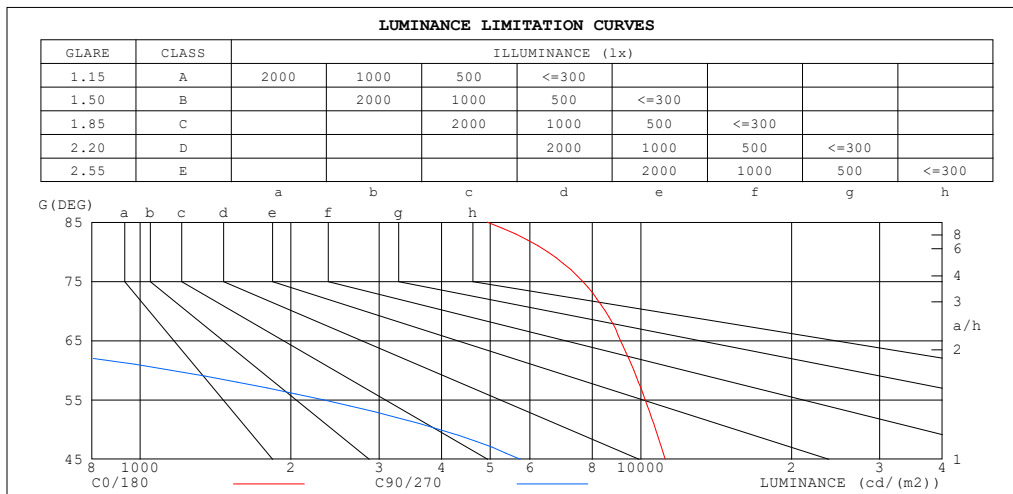
%lamp = 74.3%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:01 October 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:240.11V I:0.1082A P:17.234W PF:0.6634 Freq:0Hz Lamp Flux:956.71lx1 lm		
NAME: SUPER MINI EDGE_1074_WHT_OPAL V_DPAL-007_4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DARKON	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	4940	468
80	6517	193
75	7653	104
70	8493	62
65	9101	327
60	9681	1153
55	10205	2321
50	10707	3957
45	11186	5743

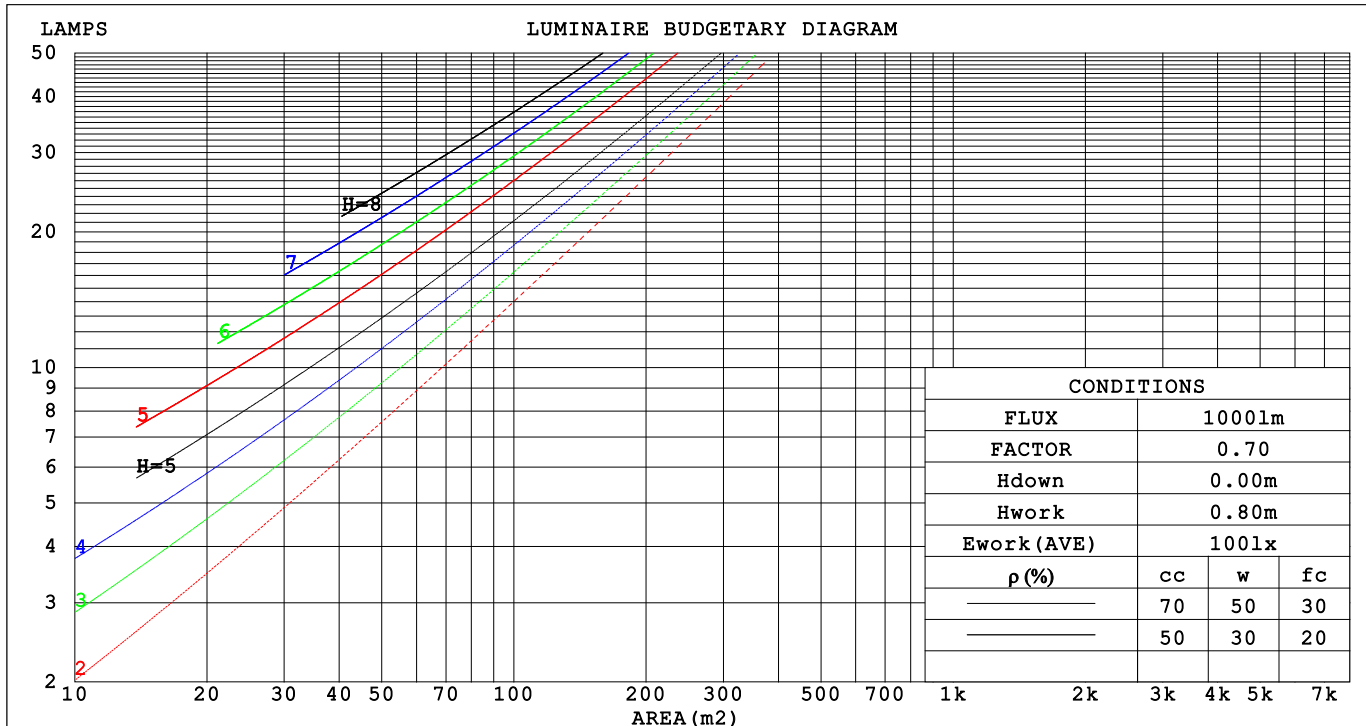
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:01 October 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.11V I:0.1082A P:17.234W PF:0.6634 Freq:0Hz Lamp Flux:956.71lx1 lm		
NAME: SUPER MINI EDGE_1074_WHT_OPAL V_DPAL-007_4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DARKON	SUR.:	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	1.14	1.14	1.14	1.08	1.08	1.08	1.02	1.02	1.02	.97	.97	.97	.95
1.0	1.02	.98	.94	.99	.95	.91	.94	.91	.88	.89	.86	.84	.85	.83	.81	.78
2.0	.89	.82	.77	.87	.81	.75	.82	.77	.73	.78	.74	.70	.75	.71	.68	.65
3.0	.79	.71	.64	.77	.69	.63	.73	.67	.61	.69	.64	.60	.66	.62	.58	.56
4.0	.70	.61	.55	.68	.60	.54	.65	.58	.53	.62	.56	.51	.59	.54	.50	.48
5.0	.63	.54	.47	.61	.53	.47	.59	.51	.46	.56	.50	.45	.54	.48	.44	.42
6.0	.57	.48	.42	.55	.47	.41	.53	.46	.40	.51	.45	.40	.49	.43	.39	.37
7.0	.52	.43	.37	.50	.42	.37	.48	.41	.36	.47	.40	.35	.45	.39	.35	.33
8.0	.47	.39	.33	.46	.38	.33	.44	.37	.32	.43	.36	.32	.41	.36	.31	.29
9.0	.43	.35	.30	.43	.35	.30	.41	.34	.29	.40	.33	.29	.38	.33	.28	.27
10.0	.40	.32	.27	.39	.32	.27	.38	.31	.27	.37	.31	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:01 October 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:240.11V I:0.1082A P:17.234W PF:0.6634 Freq:0Hz Lamp Flux:956.711x1 lm		
NAME: SUPER MINI EDGE_1074_WHT_OPAL V_DPAL-007_4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DARKON	SUR.:	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	.321	.183	.058	.312	.178	.057	.296	.170	.054	.281	.162	.052	.267	.155	.050	
2.0	.292	.160	.049	.284	.156	.048	.269	.150	.047	.256	.144	.045	.244	.138	.043	
3.0	.266	.142	.042	.260	.139	.042	.247	.134	.041	.235	.129	.039	.224	.124	.038	
4.0	.244	.127	.037	.238	.125	.037	.227	.120	.036	.216	.116	.035	.206	.112	.034	
5.0	.225	.115	.033	.220	.113	.033	.209	.109	.032	.200	.105	.031	.191	.102	.031	
6.0	.209	.105	.030	.204	.103	.030	.195	.100	.029	.186	.097	.028	.178	.094	.028	
7.0	.194	.096	.027	.190	.095	.027	.181	.092	.026	.173	.089	.026	.166	.086	.025	
8.0	.181	.089	.025	.177	.087	.025	.170	.085	.024	.163	.082	.024	.156	.080	.023	
9.0	.170	.082	.023	.166	.081	.023	.160	.079	.022	.153	.077	.022	.147	.075	.022	
10.0	.160	.077	.021	.157	.076	.021	.150	.074	.021	.144	.072	.020	.139	.070	.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	.231	.231	.231	.198	.198	.198	.135	.135	.135	.077	.077	.077	.025	.025	.025	
1.0	.222	.197	.174	.190	.169	.150	.130	.116	.104	.075	.067	.060	.024	.022	.020	
2.0	.213	.173	.139	.183	.149	.120	.125	.103	.084	.072	.060	.049	.023	.019	.016	
3.0	.205	.156	.116	.176	.134	.101	.121	.093	.071	.070	.055	.042	.022	.018	.014	
4.0	.197	.143	.101	.169	.123	.087	.116	.086	.062	.067	.050	.036	.022	.016	.012	
5.0	.190	.132	.090	.163	.114	.078	.112	.080	.055	.065	.047	.033	.021	.015	.011	
6.0	.183	.124	.082	.157	.107	.071	.108	.075	.050	.063	.044	.030	.020	.014	.010	
7.0	.176	.117	.076	.151	.101	.066	.104	.071	.047	.061	.042	.028	.020	.014	.009	
8.0	.169	.111	.071	.146	.096	.062	.101	.068	.044	.059	.040	.026	.019	.013	.009	
9.0	.163	.106	.068	.141	.092	.059	.097	.065	.042	.057	.038	.025	.018	.013	.008	
10.0	.158	.102	.065	.136	.089	.057	.094	.062	.040	.055	.037	.024	.018	.012	.008	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:01 October 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:240.11V I:0.1082A P:17.234W PF:0.6634 Freq:0Hz Lamp Flux:956.71lx1 lm										
NAME: SUPER MINI EDGE_1074_WHT_OPAL V_DPAL-007_4000K						TYPE:LED		WEIGHT:		
SPEC.:						DIM.:		SERIAL No.:		
MFR.: DARKON						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				
x = 2H y = 2H						Viewed endwise				
3H						14.5	16.0	14.9	16.2	16.6
4H						14.3	15.6	14.7	15.9	16.3
6H						14.2	15.4	14.6	15.8	16.1
8H						14.1	15.2	14.5	15.6	16.0
12H						14.0	15.1	14.4	15.5	15.9
4H 2H						14.0	15.1	14.4	15.4	15.9
3H						19.7	20.9	20.1	21.3	21.6
4H						15.1	16.3	15.5	16.7	17.0
6H						21.0	22.1	21.5	22.5	22.9
8H						14.9	16.0	15.3	16.3	16.8
12H						21.5	22.5	22.0	22.9	23.4
4H						14.7	15.7	15.2	16.2	16.6
6H						21.8	22.7	22.3	23.2	23.6
8H						14.6	15.5	15.1	16.0	16.5
12H						21.9	22.7	22.4	23.2	23.7
4H						14.6	15.4	15.1	15.9	16.4
6H						22.0	22.8	22.5	23.2	23.8
8H						14.5	15.3	15.1	15.8	16.3
12H						21.4	22.2	21.8	22.6	23.1
4H						14.8	15.6	15.3	16.1	16.6
6H						21.7	22.4	22.2	22.9	23.4
8H						14.7	15.4	15.2	15.9	16.4
12H						21.8	22.4	22.3	22.9	23.5
4H						14.6	15.3	15.2	15.8	16.3
6H						21.9	22.4	22.4	22.9	23.5
8H						14.6	15.1	15.2	15.7	16.3
12H						21.3	22.1	21.8	22.5	23.1
4H						14.7	15.5	15.3	16.0	16.5
6H						21.6	22.2	22.2	22.7	23.3
8H						14.6	15.3	15.2	15.8	16.3
12H						21.7	22.3	22.3	22.8	23.4
14.6						15.1	15.2	15.7	16.3	
Variations with the observer position at spacings:										
S = 1.0H						+ 0.2 / - 0.2			+ 1.8 / - 3.4	
1.5H						+ 0.3 / - 0.5			+ 0.8 / - 2.0	
2.0H						+ 1.1 / - 1.7			+ 2.7 / - 6.1	

CIE Pub.117, 956.7 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -0.2$)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:01 October 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:240.11V I:0.1082A P:17.234W PF:0.6634 Freq:0Hz Lamp Flux:956.71lx1 lm		
NAME: SUPER MINI EDGE_1074_WHT_OPAL V_DPAL-007_4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DARKON	SUR.:	Shielding Angle:

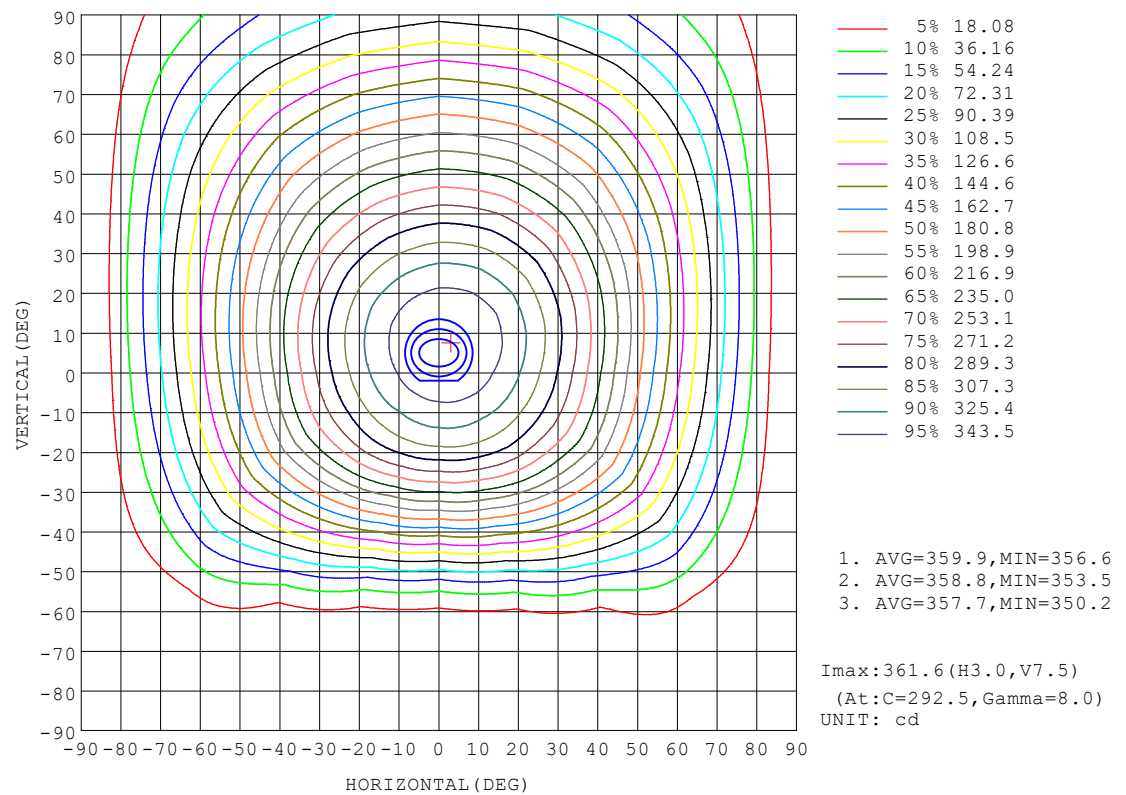
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	46	39	57	46	39	55	45	39	33
0.80	67	56	48	66	55	48	64	54	48	41
1.00	75	64	57	74	63	56	71	64	56	48
1.25	82	71	64	80	70	63	77	69	62	55
1.50	87	76	69	85	75	69	81	73	67	59
2.00	93	84	77	91	83	77	87	80	75	66
2.50	97	89	82	94	87	81	90	84	79	70
3.00	100	93	87	98	91	86	93	87	83	73
4.00	104	98	93	101	96	91	96	92	88	78
5.00	106	101	97	104	99	95	98	94	91	80
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:JEFF
Test Date:01 October 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:240.11V I:0.1082A P:17.234W PF:0.6634 Freq:0Hz Lamp Flux:956.71lx1 lm		
NAME: SUPER MINI EDGE_1074_WHT_OPAL V_DPAL-007_4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DARKON	SUR.:	Shielding Angle:

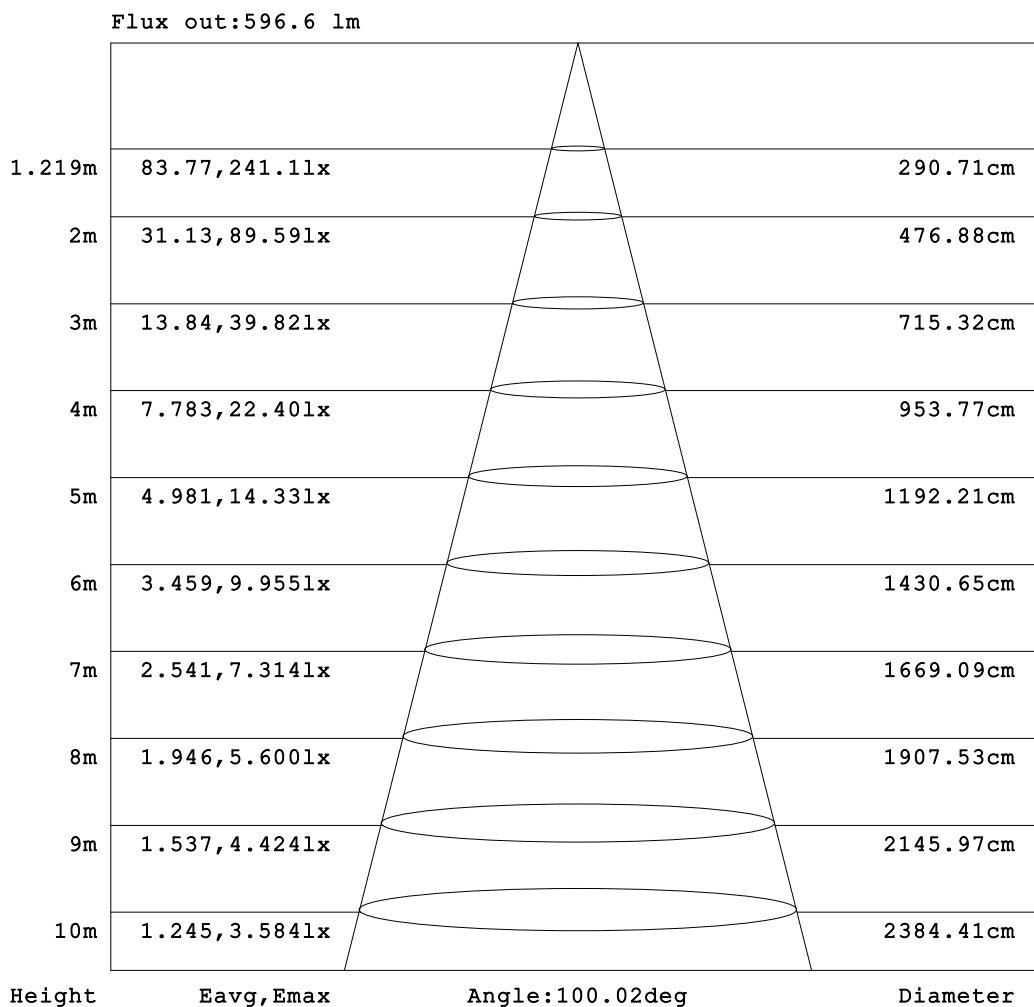


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JEFF
 Test Date:01 October 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:7.250m [K=1.0000]
 Remarks:

AAI Figure

Test:U:240.11V I:0.1082A P:17.234W PF:0.6634 Freq:0Hz Lamp Flux:956.71lx1 lm		
NAME: SUPER MINI EDGE_1074_WHT_OPAL V_DPAL-007_4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DARKON	SUR.:	Shielding Angle:



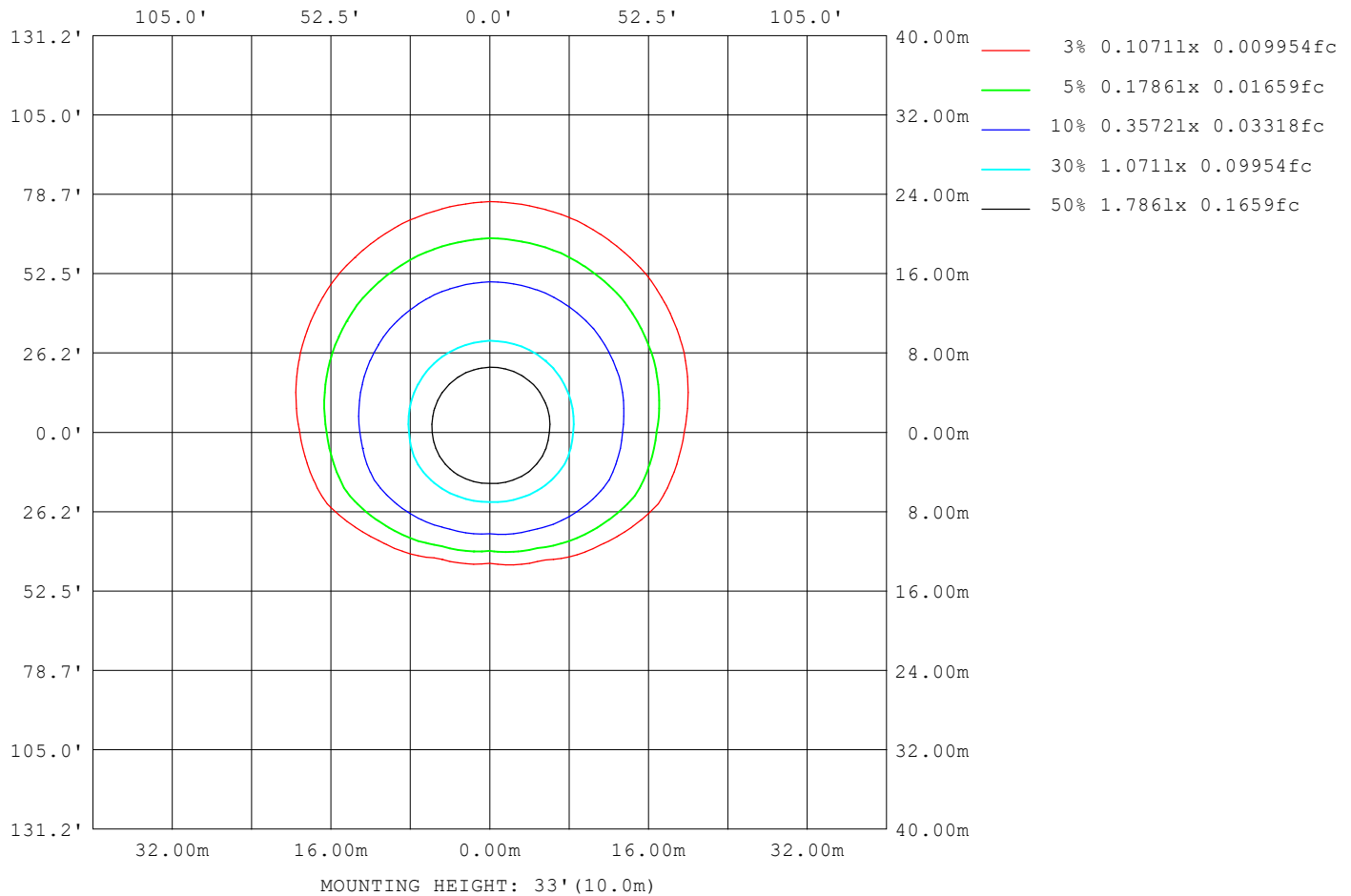
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:01 October 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:240.11V I:0.1082A P:17.234W PF:0.6634 Freq:0Hz Lamp Flux:956.71lx1 lm		
NAME: SUPER MINI EDGE_1074_WHT_OPAL V_DPAL-007_4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DARKON	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:01 October 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:240.11V I:0.1082A P:17.234W PF:0.6634 Freq:0Hz Lamp Flux:956.71lx1 lm		
NAME: SUPER MINI EDGE_1074_WHT_OPAL V_DPAL-007_4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DARKON	SUR.:	Shielding Angle:

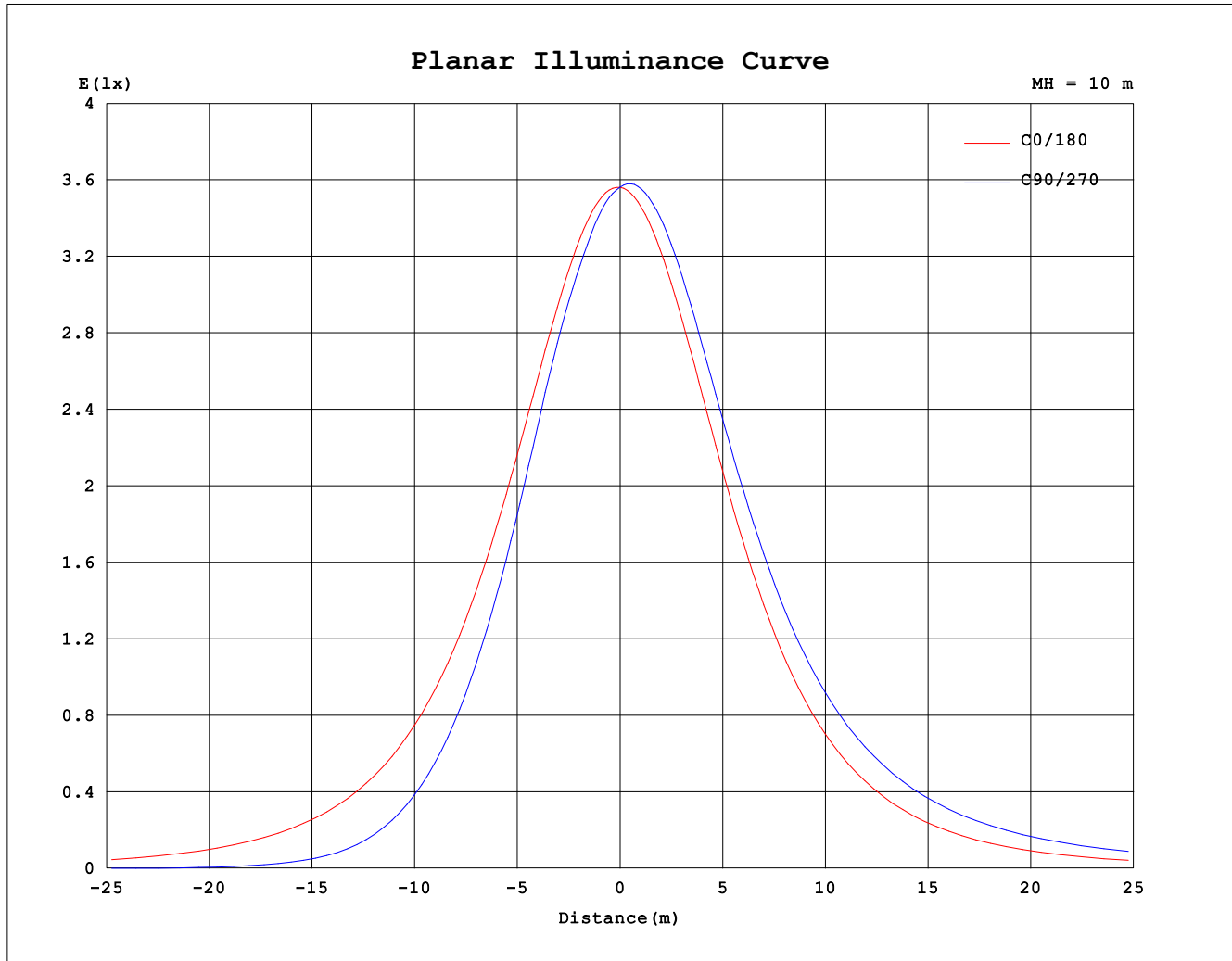
AvgL	cd/m2
L_0~180(65)av	8746
L_0~180(75)av	7263
L_0~180(85)av	4497
L_90~270(65)av	8148
L_90~270(75)av	10184
L_90~270(85)av	22069
L_45(65)av	8049
L_45(75)av	8235
L_45(85)av	15749

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:01 October 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JEFF
Test Date: 01 October 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity: 65.0%
Test Distance: 7.250m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.11V I:0.1082A P:17.234W PF:0.6634 Freq:0Hz Lamp Flux:956.711x1 lm		
NAME: SUPER MINI EDGE_1074_WHT_OPAL V_DPAL-007_4000K	TYPE:LED	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: DARKON	SUR.:	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	356	356	356	356	356	357	357	357	356	356	356	356	356	357	357	357			
5	355	353	351	350	349	349	349	351	353	355	358	360	361	361	360	358			
10	350	346	342	338	336	336	337	341	345	350	355	358	361	361	359	356			
15	340	334	328	324	321	321	322	327	332	340	347	353	356	357	354	348			
20	327	319	312	305	300	301	304	309	316	326	336	342	347	348	345	337			
25	309	299	291	278	270	272	282	288	297	310	321	328	333	334	331	322			
30	288	278	264	245	234	239	253	266	275	290	303	311	317	318	315	304			
35	265	254	233	208	195	202	222	242	251	268	283	293	299	300	295	282			
40	239	228	199	169	153	163	188	215	225	244	262	273	280	280	274	259			
45	212	200	164	128	109	122	154	187	199	220	240	252	260	260	253	235			
50	184	170	128	86.5	68.2	80.8	118	158	172	196	218	232	240	239	230	210			
55	157	140	92.4	49.8	35.7	45.5	83.2	128	146	172	196	212	220	218	207	185			
60	130	109	57.1	23.2	15.4	20.8	49.3	99.2	120	148	175	191	200	197	185	160			
65	103	79.6	27.0	7.73	3.70	6.74	22.1	70.7	95.0	126	153	171	181	177	162	136			
70	77.9	50.3	7.82	0.54	0.57	0.57	5.96	42.8	70.8	103	132	150	161	156	140	112			
75	53.1	22.1	0.52	0.66	0.72	0.72	0.55	16.5	47.7	82.0	110	130	141	135	117	89.2			
80	30.3	2.38	0.62	0.83	0.90	0.89	0.69	1.05	26.6	60.7	89.7	110	121	114	95.2	66.3			
85	11.5	0.56	0.77	1.02	1.09	1.09	0.88	0.64	9.47	40.8	70.6	92.2	102	95.6	74.9	44.8			
90	0.80	0.73	0.98	1.23	1.31	1.30	1.09	0.83	0.78	25.1	54.6	75.8	85.0	78.5	57.8	27.7			
95	0.62	0.92	1.20	1.46	1.54	1.53	1.31	1.05	0.74	17.0	43.1	61.8	71.5	65.6	46.5	18.9			
100	0.82	1.14	1.43	1.70	1.77	1.77	1.55	1.29	0.96	9.47	32.9	51.2	59.6	54.1	36.5	12.2			
105	1.04	1.37	1.67	1.94	2.01	2.01	1.80	1.55	1.21	0.85	23.7	39.6	48.1	42.8	26.4	0.81			
110	1.29	1.62	1.92	2.18	2.25	2.25	2.06	1.81	1.48	1.09	10.3	29.6	36.5	32.2	13.4	1.05			
115	1.55	1.87	2.17	2.42	2.49	2.50	2.32	2.08	1.75	1.34	1.04	15.3	25.6	17.4	1.02	1.32			
120	1.82	2.14	2.43	2.67	2.73	2.76	2.57	2.35	2.03	1.62	1.33	1.03	3.22	1.02	1.31	1.62			
125	2.10	2.42	2.70	2.92	2.97	3.01	2.83	2.63	2.33	1.90	1.61	1.34	1.24	1.32	1.63	1.92			
130	2.40	2.71	2.95	3.17	3.22	3.26	3.10	2.92	2.62	2.20	1.92	1.68	1.60	1.68	1.97	2.23			
135	2.70	2.99	3.22	3.41	3.45	3.51	3.36	3.19	2.92	2.52	2.24	2.02	1.96	2.04	2.30	2.54			
140	3.00	3.28	3.47	3.65	3.68	3.75	3.60	3.46	3.22	2.83	2.57	2.37	2.33	2.40	2.64	2.85			
145	3.30	3.55	3.72	3.88	3.91	3.98	3.84	3.71	3.50	3.15	2.91	2.73	2.68	2.76	2.97	3.17			
150	3.59	3.82	3.95	4.09	4.13	4.19	4.06	3.96	3.77	3.47	3.25	3.10	3.05	3.11	3.30	3.49			
155	3.87	4.07	4.17	4.29	4.33	4.39	4.27	4.20	4.04	3.78	3.59	3.47	3.42	3.45	3.63	3.80			
160	4.13	4.30	4.37	4.47	4.54	4.58	4.45	4.42	4.28	4.08	3.93	3.82	3.79	3.79	3.95	4.09			
165	4.37	4.51	4.55	4.63	4.73	4.73	4.63	4.61	4.50	4.33	4.24	4.17	4.17	4.12	4.25	4.36			
170	4.57	4.69	4.70	4.77	4.88	4.84	4.76	4.77	4.67	4.56	4.52	4.48	4.52	4.42	4.53	4.59			
175	4.73	4.81	4.81	4.87	4.96	4.91	4.85	4.88	4.81	4.74	4.74	4.73	4.81	4.69	4.76	4.78			
180	4.84	4.86	4.87	4.89	5.00	4.92	4.89	4.92	4.85	4.86	4.88	4.89	5.00	4.89	4.90	4.91			

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