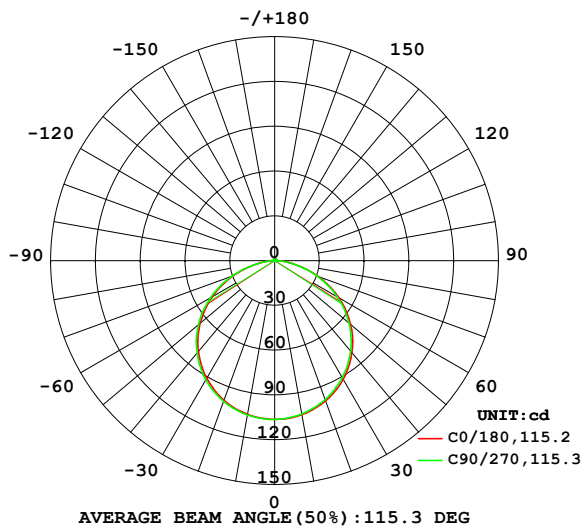


LUMINAIRE PHOTOMETRIC TEST REPORT

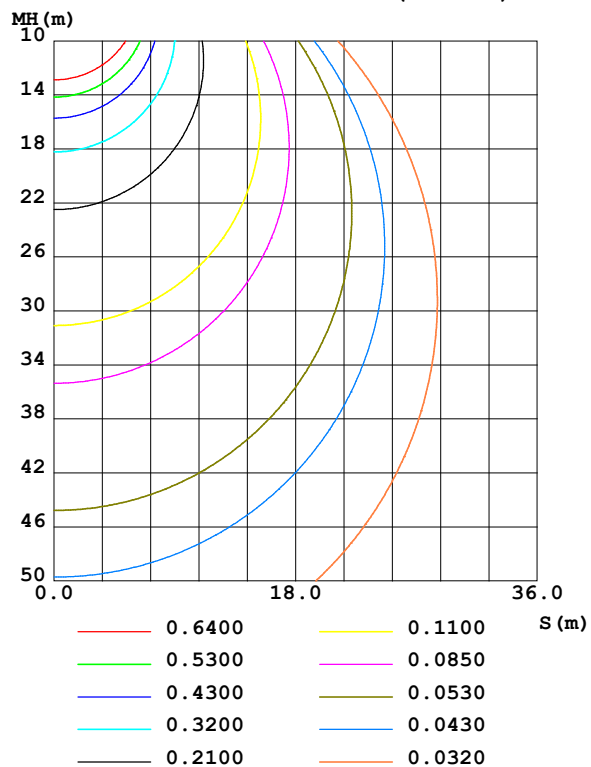
NAME: 2835 IP20	TYPE: 2835 80LED 12V	WEIGHT:
SPEC.: 202-00032-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.01*0.5	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 130.57 lm/W
MODEL	4000K	Imax (cd)	106.4	S/MH(C0/180)	1.27	
NOMINAL POWER(W)	2.4	LOR(%)	100.0	S/MH(C90/270)	1.29	
RATED VOLTAGE(V)	12	TOTAL FLUX(lm)	315.84	□ UP,DN(C0-180)	0.7,49.3	
NOMINAL FLUX(lm)	3.94806	CIE CLASS	DIRECT	□ UP,DN(C180-360)	0.6,49.4	
LAMPS INSIDE	80	□ up (%)	1.3	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	12	□ down (%)	98.7	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:2022-03-23

□ Range: 0 - 180DEG  
 □ Interval: 2.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
 Humidity:65.0%  
 Test Distance:5.749m [K=1.0000]  
 Remarks:

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

°	C0	C45	C90	C135	C180	C225	C270	C315	°	zone	total	%lum, lamp
10	104.8	104.6	104.3	104.4	104.6	104.8	105.0	105.0	0- 10	10.07	10.07	3.19,3.19
20	99.97	99.49	99.02	99.02	99.42	99.90	100.3	100.3	10- 20	28.97	39.04	12.4,12.4
30	91.84	91.22	90.57	90.53	91.06	91.68	92.23	92.31	20- 30	44.23	83.28	26.4,26.4
40	80.61	79.96	79.15	79.05	79.58	80.28	80.97	81.09	30- 40	53.88	137.2	43.4,43.4
50	66.48	65.93	65.04	64.82	65.21	65.91	66.67	66.85	40- 50	56.54	193.7	61.3,61.3
60	49.69	49.36	48.49	48.10	48.23	48.80	49.60	49.86	50- 60	51.56	245.3	77.7,77.7
70	30.87	30.83	30.07	29.50	29.26	29.62	30.38	30.75	60- 70	39.29	284.6	90.1,90.1
80	12.19	12.29	11.74	11.15	10.73	10.79	11.29	11.81	70- 80	21.68	306.2	97,97
90	0.1018	0.9008	0.8279	0.8391	0.1024	0.6217	0.6590	0.6329	80- 90	5.419	311.6	98.7,98.7
100	0.2474	0.2473	0.3256	0.2925	0.2216	0.2214	0.2307	0.2070	90-100	0.3374	312.0	98.8,98.8
110	0.4688	0.4493	0.4609	0.4680	0.4145	0.3974	0.3900	0.3805	100-110	0.3488	312.3	98.9,98.9
120	0.6878	0.6586	0.6700	0.6701	0.6264	0.5853	0.5706	0.5683	110-120	0.5221	312.9	99.1,99.1
130	0.8784	0.8347	0.8411	0.8603	0.8026	0.7590	0.7417	0.7418	120-130	0.6427	313.5	99.3,99.3
140	1.036	0.9917	0.9909	1.017	0.9573	0.9064	0.8795	0.8892	130-140	0.6825	314.2	99.5,99.5
150	1.157	1.125	1.122	1.150	1.081	1.042	0.9960	1.027	140-150	0.6423	314.8	99.7,99.7
160	1.259	1.242	1.259	1.253	1.198	1.163	1.150	1.158	150-160	0.5302	315.4	99.8,99.8
170	1.357	1.353	1.378	1.352	1.326	1.304	1.307	1.300	160-170	0.3581	315.7	100,100
180	1.457	1.453	1.471	1.460	1.460	1.453	1.471	1.457	170-180	0.1317	315.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 171.25 lm

%lum = 54.2%

%lamp = 54.2%

Conical surface Flux(120deg): 245.26 lm

%lum = 77.7%

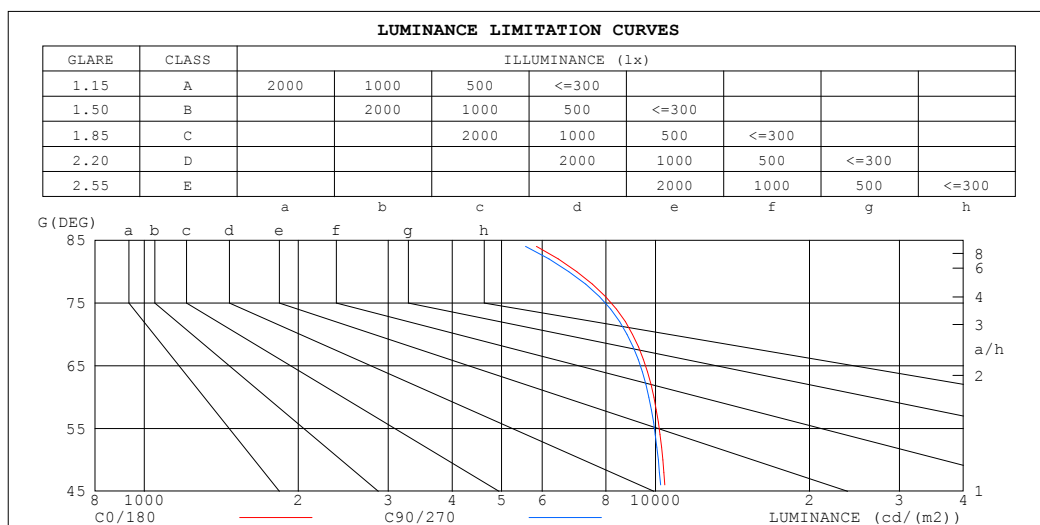
%lamp = 77.7%

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-03-23

□ Range: 0 - 180DEG  
□ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:5.749m [K=1.0000]  
Remarks:

## LUMINANCE LIMITATION CURVES

NAME: 2835 IP20	TYPE: 2835 80LED 12V	WEIGHT:
SPEC.: 202-00032-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.01*0.5	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	7016	6675
80	7009	6762
75	8934	8707
70	9013	8798
65	10008	9776
60	9925	9704
55	10457	10238
50	10330	10125
45	10636	10445

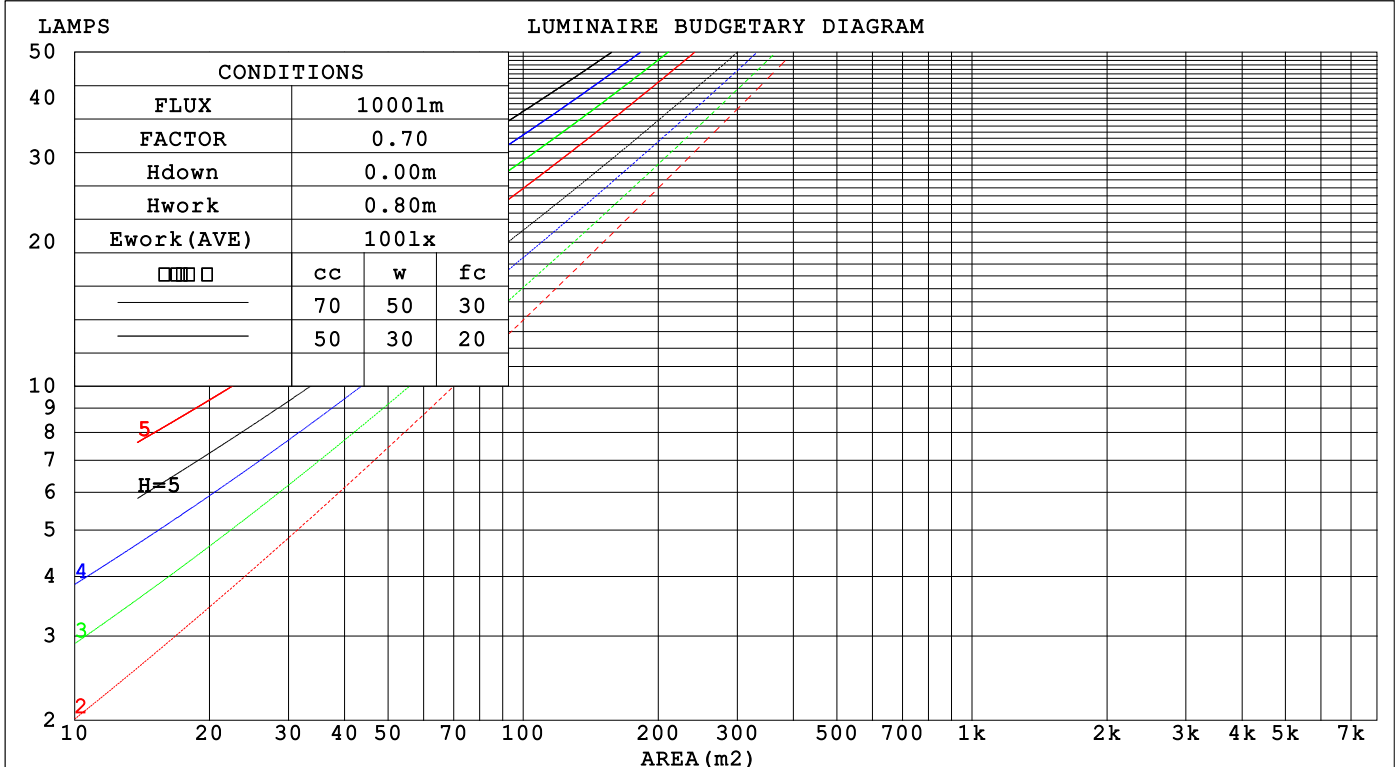
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2022-03-23

☐ Range: 0 - 180DEG  
☐ Interval: 2.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity: 65.0%  
Test Distance: 5.749m [K=1.0000]  
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: 2835 IP20	TYPE: 2835 80LED 12V	WEIGHT:
SPEC.: 202-00032-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.01*0.5	Shielding Angle:

□cc	80%			70%			50%			30%			10%			0
□w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
□fc	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	1.01	1.01	1.01	.99
1.0	1.04	.99	.95	1.01	.97	.94	.97	.93	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.78	.88	.82	.76	.84	.79	.74	.81	.76	.73	.78	.74	.71	.69
3.0	.79	.71	.64	.77	.70	.64	.74	.68	.62	.71	.66	.61	.68	.64	.60	.58
4.0	.70	.61	.54	.68	.60	.54	.66	.59	.53	.63	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.51	.46	.57	.50	.45	.55	.49	.44	.42
6.0	.56	.47	.41	.55	.47	.40	.53	.45	.40	.51	.45	.39	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.41	.36	.48	.41	.35	.47	.40	.35	.45	.39	.34	.32
8.0	.46	.38	.32	.45	.37	.32	.44	.37	.31	.43	.36	.31	.41	.35	.31	.29
9.0	.42	.34	.29	.42	.34	.28	.41	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.37	.30	.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:2022-03-23

□ Range: 0 - 180DEG  
□ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:5.749m [K=1.0000]  
Remarks:

### WEC AND CCEC

NAME: 2835 IP20	TYPE: 2835 80LED 12V	WEIGHT:
SPEC.: 202-00032-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.01*0.5	Shielding Angle:

<input type="checkbox"/> cc	80%	70%	50%	30%	10%	0
<input type="checkbox"/> w	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
<input type="checkbox"/> fc	20%	20%	20%	20%	20%	0
RCR	RCR:Room Cavity Ratio					Wall Exitance Coefficients(WEC)
0.0						
1.0	.309 .176 .056	.301 .172 .055	.287 .165 .053	.274 .158 .051	.263 .152 .049	
2.0	.292 .160 .049	.285 .157 .048	.273 .152 .047	.261 .146 .046	.251 .142 .045	
3.0	.270 .144 .043	.264 .142 .043	.253 .137 .042	.243 .133 .041	.234 .129 .040	
4.0	.249 .130 .038	.244 .128 .038	.234 .124 .037	.225 .121 .037	.217 .118 .036	
5.0	.231 .118 .034	.226 .116 .034	.217 .113 .033	.209 .110 .033	.202 .108 .032	
6.0	.214 .107 .031	.210 .106 .031	.202 .104 .030	.195 .101 .030	.188 .099 .029	
7.0	.199 .098 .028	.195 .097 .028	.188 .095 .027	.182 .093 .027	.176 .091 .027	
8.0	.186 .091 .026	.183 .090 .025	.176 .088 .025	.170 .086 .025	.165 .085 .025	
9.0	.174 .084 .024	.171 .083 .023	.166 .082 .023	.160 .080 .023	.155 .079 .023	
10.0	.164 .079 .022	.161 .078 .022	.156 .076 .022	.151 .075 .021	.147 .074 .021	

<input type="checkbox"/> cc	80%	70%	50%	30%	10%	0
<input type="checkbox"/> w	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	50% 30% 10%	0
<input type="checkbox"/> fc	20%	20%	20%	20%	20%	0
RCR	RCR:Room Cavity Ratio					Ceiling Cavity Exitance Coefficients(CCEC)
0.0	.201 .201 .201	.171 .171 .171	.117 .117 .117	.067 .067 .067	.021 .021 .021	
1.0	.190 .166 .145	.163 .143 .124	.111 .098 .086	.064 .057 .050	.021 .018 .016	
2.0	.182 .142 .108	.156 .122 .094	.107 .085 .065	.062 .049 .038	.020 .016 .012	
3.0	.175 .125 .085	.150 .108 .073	.103 .075 .051	.059 .044 .030	.019 .014 .010	
4.0	.167 .111 .069	.144 .096 .060	.099 .067 .042	.057 .039 .025	.018 .013 .008	
5.0	.160 .101 .058	.137 .087 .050	.095 .061 .035	.055 .036 .021	.018 .012 .007	
6.0	.153 .093 .050	.131 .080 .043	.091 .056 .031	.053 .033 .018	.017 .011 .006	
7.0	.146 .086 .044	.126 .074 .038	.087 .052 .027	.050 .031 .016	.016 .010 .005	
8.0	.140 .080 .039	.120 .069 .034	.083 .049 .024	.048 .029 .014	.016 .009 .005	
9.0	.133 .075 .036	.115 .065 .031	.080 .046 .022	.046 .027 .013	.015 .009 .004	
10.0	.128 .071 .033	.110 .062 .029	.076 .043 .020	.045 .026 .012	.014 .008 .004	

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-03-23

☐ Range: 0 - 180DEG  
☐ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:5.749m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

NAME: 2835 IP20					TYPE: 2835 80LED 12V			WEIGHT:			
SPEC.: 202-00032-00					DIM.:			SERIAL No.:			
MFR.:					SUR.: 0.01*0.5			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	25.0	26.5	25.3	26.7	26.9	24.9	26.4	25.2	26.6	26.8	
	3H	26.5	27.9	26.8	28.2	28.4	26.4	27.8	26.7	28.1	28.3
	4H	27.1	28.4	27.4	28.7	29.0	27.0	28.3	27.3	28.6	28.9
	6H	27.5	28.7	27.8	29.0	29.3	27.4	28.6	27.7	28.9	29.2
	8H	27.6	28.8	27.9	29.1	29.4	27.4	28.7	27.8	29.0	29.3
	12H	27.6	28.8	28.0	29.1	29.4	27.5	28.6	27.9	29.0	29.3
4H	2H	25.6	26.9	25.9	27.2	27.5	25.5	26.8	25.8	27.1	27.4
	3H	27.3	28.5	27.7	28.8	29.1	27.2	28.4	27.6	28.7	29.0
	4H	28.0	29.1	28.4	29.4	29.8	27.9	29.0	28.3	29.3	29.7
	6H	28.5	29.4	28.9	29.8	30.2	28.4	29.3	28.8	29.7	30.1
	8H	28.7	29.5	29.1	29.9	30.3	28.5	29.4	29.0	29.8	30.2
	12H	28.7	29.5	29.2	30.0	30.4	28.6	29.4	29.1	29.8	30.3
8H	4H	28.3	29.1	28.7	29.5	29.9	28.2	29.0	28.6	29.4	29.8
	6H	28.9	29.6	29.4	30.0	30.5	28.8	29.5	29.3	30.0	30.4
	8H	29.1	29.8	29.6	30.2	30.7	29.0	29.7	29.5	30.1	30.6
	12H	29.3	29.8	29.8	30.3	30.8	29.2	29.7	29.7	30.2	30.7
12H	4H	28.3	29.1	28.7	29.5	29.9	28.2	29.0	28.6	29.4	29.8
	6H	28.9	29.6	29.4	30.0	30.5	28.8	29.5	29.3	29.9	30.4
	8H	29.2	29.7	29.7	30.2	30.7	29.1	29.6	29.6	30.1	30.6
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117, 315.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.0)  
Area: 0.01 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-03-23

☐ Range: 0 - 180DEG  
☐ Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity:65.0%  
Test Distance:5.749m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

NAME: 2835 IP20	TYPE: 2835 80LED 12V	WEIGHT:
SPEC.: 202-00032-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.01*0.5	Shielding Angle:

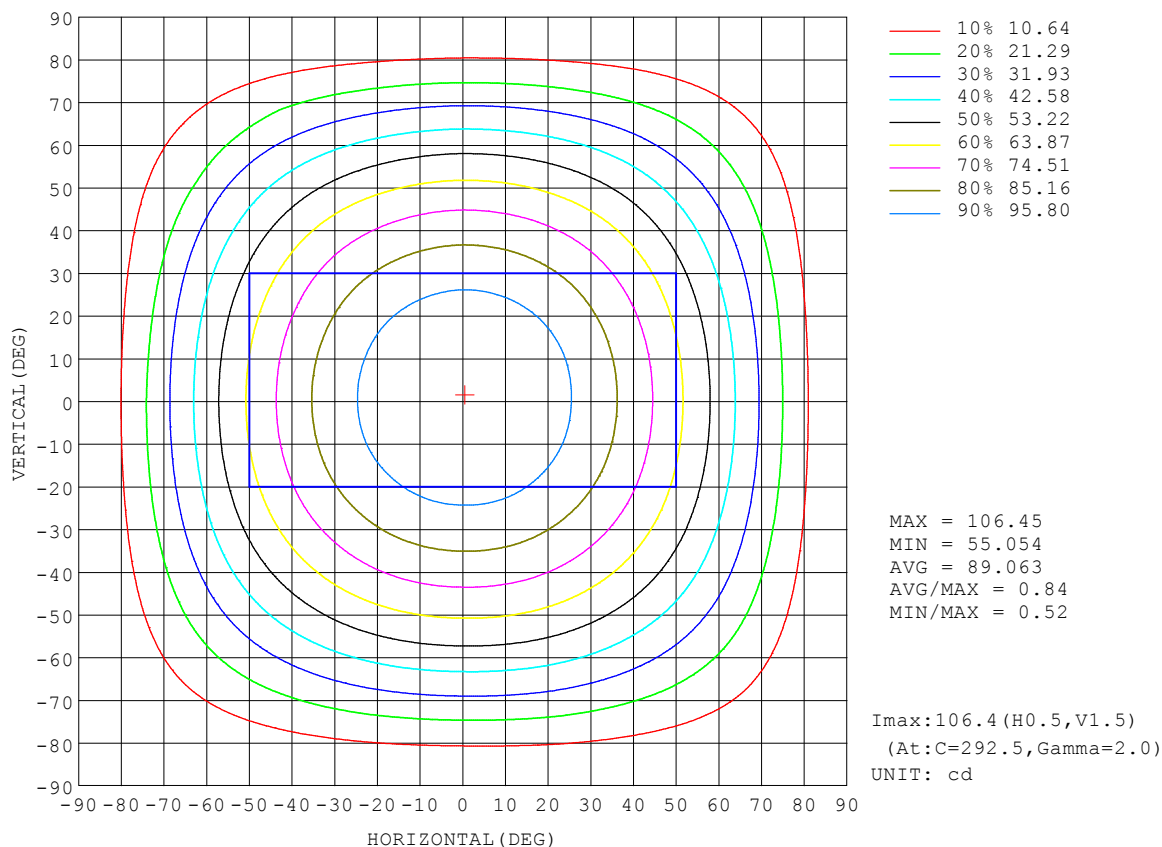
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	63	56	72	65	56	49
1.25	82	72	65	81	71	64	78	70	63	56
1.50	88	78	70	86	77	70	83	75	69	61
2.00	94	86	79	93	85	78	89	82	77	69
2.50	98	91	84	96	89	84	92	86	81	73
3.00	102	95	89	100	93	88	95	90	86	77
4.00	106	100	95	103	98	94	99	95	91	82
5.00	108	103	99	106	101	98	101	98	94	85
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: 2022-03-23

☐ Range: 0 - 180DEG  
☐ Interval: 2.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity: 65.0%  
Test Distance: 5.749m [K=1.0000]  
Remarks:

**ISOCANDELA DIAGRAM**

NAME: 2835 IP20	TYPE: 2835 80LED 12V	WEIGHT:
SPEC.: 202-00032-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.01*0.5	Shielding Angle:



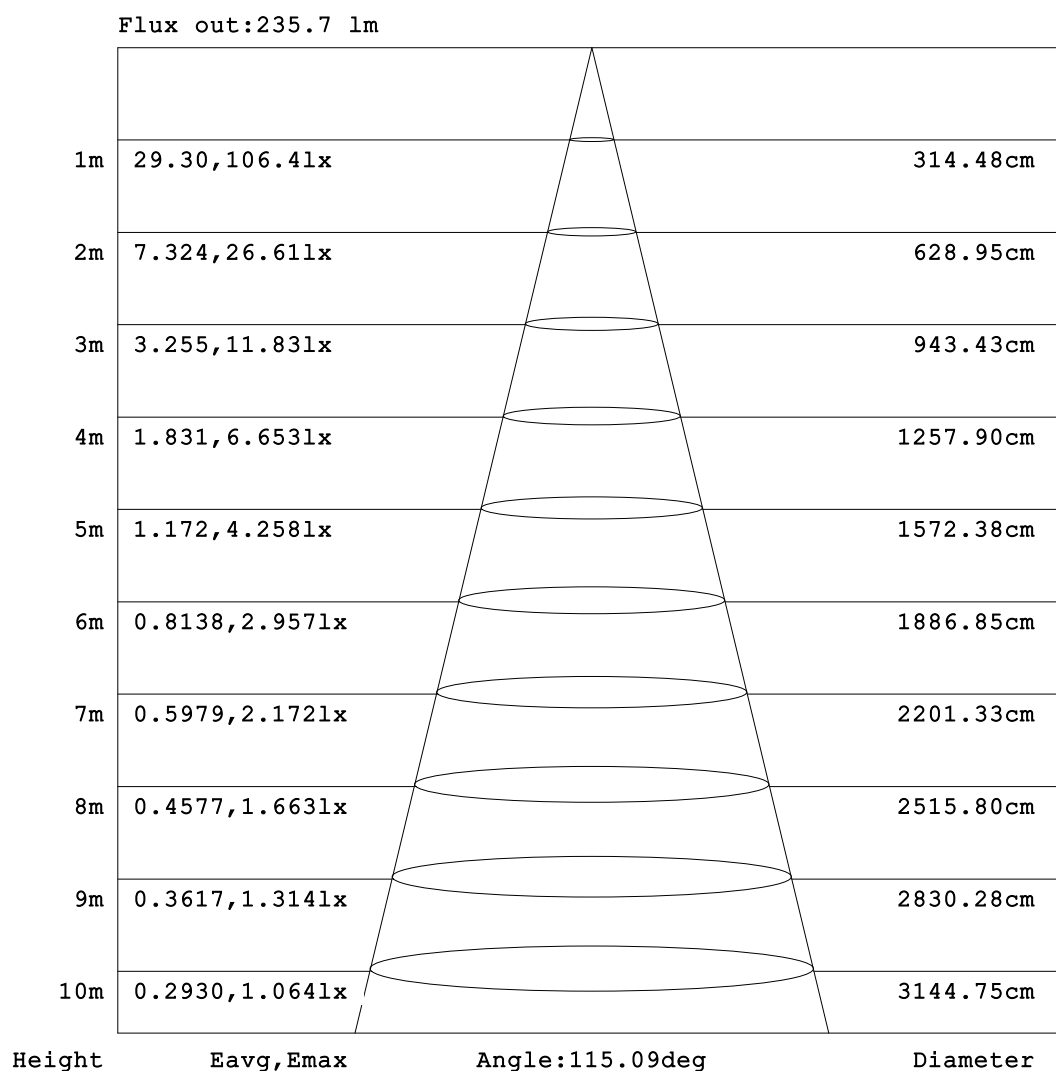
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2022-03-23

☐ Range: 0 - 180DEG  
☐ Interval: 2.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
 Humidity: 65.0%  
 Test Distance: 5.749m [K=1.0000]  
 Remarks:



**AAI Figure**

NAME: 2835 IP20	TYPE: 2835 80LED 12V	WEIGHT:
SPEC.: 202-00032-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.01*0.5	Shielding Angle:



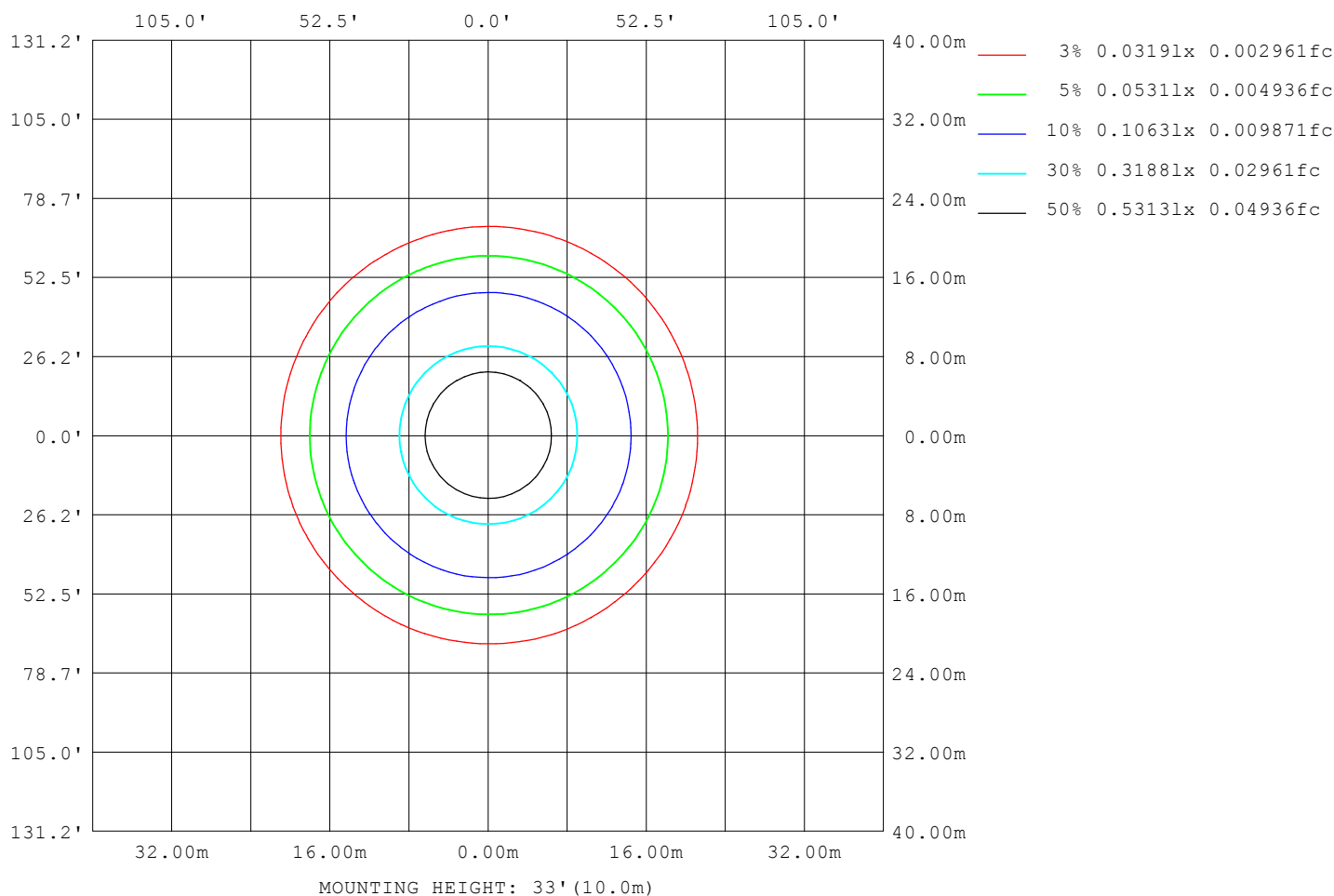
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2022-03-23

☐ Range: 0 - 180DEG  
☐ Interval: 2.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
 Humidity: 65.0%  
 Test Distance: 5.749m [K=1.0000]  
 Remarks:

### ISOLUX DIAGRAM

NAME: 2835 IP20	TYPE: 2835 80LED 12V	WEIGHT:
SPEC.: 202-00032-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.01*0.5	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2022-03-23

☐ Range: 0 - 180DEG  
☐ Interval: 2.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity: 65.0%  
Test Distance: 5.749m [K=1.0000]  
Remarks:

## LED Avg.L Report

NAME: 2835 IP20	TYPE: 2835 80LED 12V	WEIGHT:
SPEC.: 202-00032-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.01*0.5	Shielding Angle:

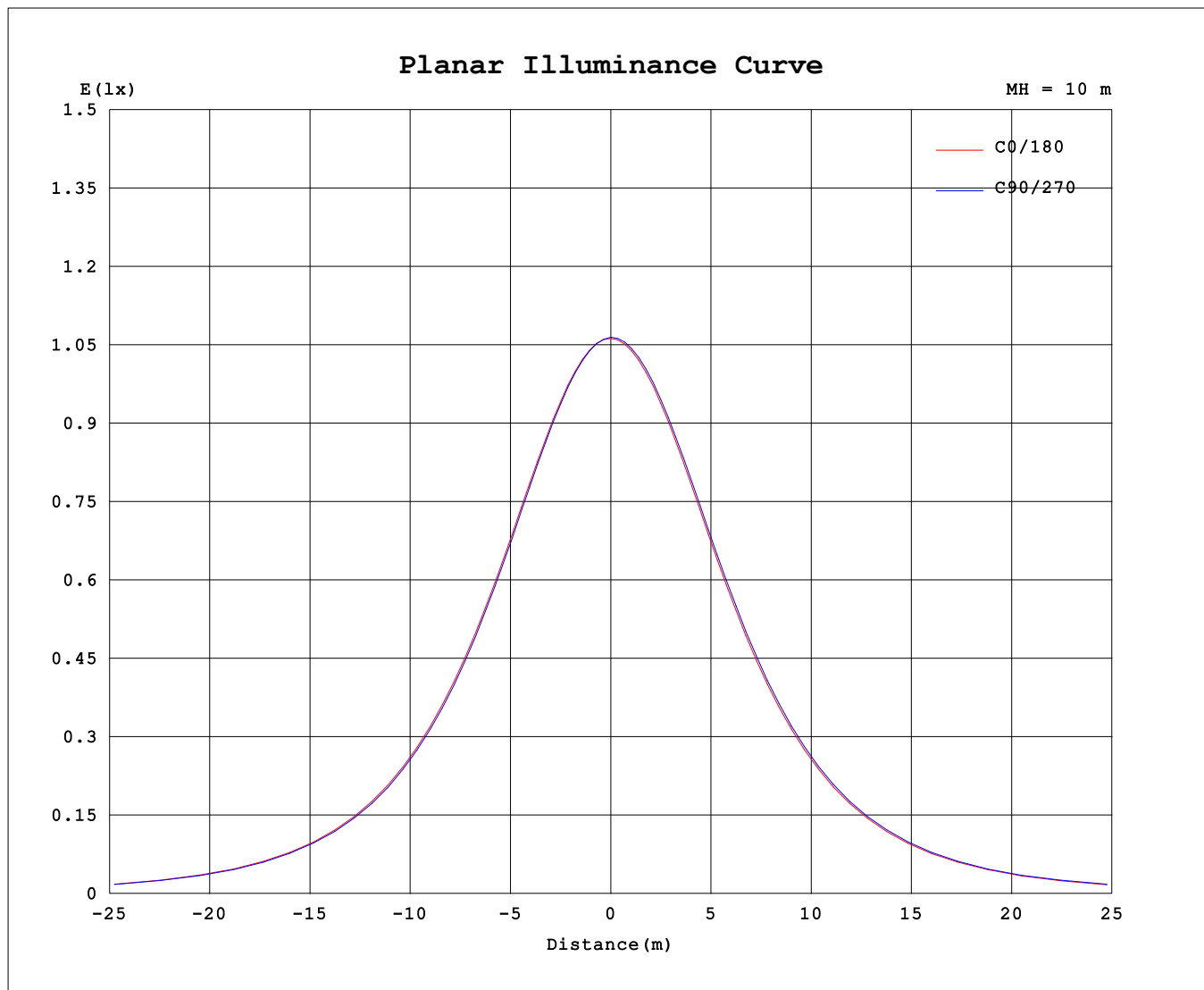
AvgL	cd/m2
L_0~180 (65) av	9393
L_0~180 (75) av	7895
L_0~180 (85) av	4829
L_90~270 (65) av	9422
L_90~270 (75) av	7956
L_90~270 (85) av	4961
L_45 (65) av	9414
L_45 (75) av	7935
L_45 (85) av	5054

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2022-03-23

☐ Range: 0 - 180DEG  
☐ Interval: 2.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
Humidity: 65.0%  
Test Distance: 5.749m [K=1.0000]  
Remarks:

### Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2022-03-23

☐ Range: 0 - 180DEG  
☐ Interval: 2.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.450  
 Humidity: 65.0%  
 Test Distance: 5.749m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 2835 IP20	TYPE: 2835 80LED 12V	WEIGHT:
SPEC.: 202-00032-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.01*0.5	Shielding Angle:

Table--1

UNIT: cd

C (DEG) □ (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	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106			
5	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106			
10	105	105	105	104	104	104	104	104	105	105	105	105	105	105	105	105			
15	103	103	103	103	103	103	103	103	103	103	103	103	104	104	104	103			
20	100.0	99.8	99.5	99.3	99.0	99.0	99.0	99.2	99.4	99.6	99.9	100	100	100	100	100			
25	97.1	96.9	96.6	96.3	96.0	96.0	96.0	96.2	96.5	96.7	97.0	97.2	97.5	97.5	97.5	97.3			
30	91.8	91.7	91.2	90.9	90.6	90.5	90.5	90.8	91.1	91.3	91.7	91.9	92.2	92.3	92.3	92.1			
35	87.7	87.5	87.1	86.8	86.3	86.3	86.3	86.5	86.8	87.1	87.5	87.7	88.1	88.2	88.2	88.0			
40	80.6	80.4	80.0	79.7	79.2	79.1	79.1	79.3	79.6	79.8	80.3	80.6	81.0	81.1	81.1	80.9			
45	75.3	75.2	74.7	74.3	73.8	73.7	73.7	73.9	74.2	74.4	74.9	75.2	75.6	75.7	75.8	75.5			
50	66.5	66.4	65.9	65.6	65.0	64.9	64.8	65.0	65.2	65.4	65.9	66.2	66.7	66.8	66.9	66.6			
55	60.1	60.1	59.6	59.3	58.7	58.6	58.4	58.6	58.7	58.8	59.4	59.7	60.1	60.3	60.4	60.1			
60	49.7	49.8	49.4	49.1	48.5	48.3	48.1	48.2	48.2	48.3	48.8	49.1	49.6	49.7	49.9	49.7			
65	42.3	42.5	42.1	42.0	41.3	41.1	40.8	40.9	40.8	40.8	41.3	41.6	42.1	42.3	42.4	42.3			
70	30.9	31.1	30.8	30.7	30.1	29.9	29.5	29.5	29.3	29.2	29.6	29.9	30.4	30.6	30.7	30.7			
75	23.2	23.4	23.2	23.1	22.5	22.3	21.9	21.8	21.5	18.6	21.8	22.0	22.5	22.7	22.9	22.9			
80	12.2	12.5	12.3	12.3	11.7	11.5	11.1	11.0	10.7	10.5	10.8	10.9	11.3	11.5	11.8	11.9			
85	6.12	6.44	6.24	6.20	5.81	5.69	5.41	5.31	4.87	4.66	5.00	4.98	5.23	5.47	5.74	5.86			
90	0.10	0.82	0.90	0.90	0.83	0.87	0.84	0.80	0.10	0.61	0.62	0.61	0.66	0.69	0.63	0.56			
95	0.14	0.17	0.28	0.32	0.31	0.39	0.45	0.41	0.13	0.21	0.24	0.25	0.26	0.27	0.23	0.13			
100	0.25	0.24	0.25	0.29	0.33	0.30	0.29	0.26	0.22	0.22	0.22	0.23	0.23	0.22	0.21	0.20			
105	0.33	0.31	0.33	0.33	0.34	0.34	0.34	0.34	0.30	0.29	0.29	0.29	0.28	0.28	0.27	0.27			
110	0.47	0.44	0.45	0.45	0.46	0.46	0.47	0.46	0.41	0.40	0.40	0.40	0.39	0.38	0.38	0.38			
115	0.55	0.53	0.53	0.54	0.54	0.55	0.55	0.55	0.50	0.48	0.48	0.47	0.47	0.46	0.46	0.46			
120	0.69	0.65	0.66	0.66	0.67	0.67	0.67	0.68	0.63	0.59	0.59	0.58	0.57	0.57	0.57	0.57			
125	0.77	0.74	0.73	0.74	0.74	0.75	0.75	0.76	0.70	0.68	0.65	0.65	0.64	0.64	0.64	0.65			
130	0.88	0.85	0.83	0.84	0.84	0.85	0.86	0.87	0.80	0.78	0.76	0.75	0.74	0.74	0.74	0.76			
135	0.95	0.92	0.90	0.90	0.91	0.92	0.92	0.94	0.87	0.84	0.82	0.80	0.79	0.79	0.80	0.82			
140	1.04	1.01	0.99	0.99	0.99	1.01	1.02	1.03	0.96	0.93	0.91	0.89	0.88	0.88	0.89	0.92			
145	1.09	1.07	1.05	1.04	1.04	1.07	1.08	1.08	1.01	0.99	0.97	0.95	0.93	0.93	0.94	0.97			
150	1.16	1.14	1.12	1.11	1.12	1.15	1.15	1.16	1.08	1.06	1.04	1.03	1.00	1.01	1.03	1.05			
155	1.20	1.19	1.18	1.17	1.18	1.20	1.19	1.20	1.13	1.10	1.09	1.08	1.06	1.06	1.08	1.10			
160	1.26	1.26	1.24	1.23	1.26	1.26	1.25	1.25	1.20	1.18	1.16	1.16	1.15	1.14	1.16	1.18			
165	1.30	1.29	1.28	1.27	1.31	1.30	1.29	1.30	1.24	1.23	1.22	1.21	1.21	1.20	1.21	1.23			
170	1.36	1.36	1.35	1.35	1.38	1.36	1.35	1.36	1.33	1.31	1.30	1.30	1.31	1.29	1.30	1.32			
175	1.40	1.40	1.40	1.40	1.42	1.41	1.40	1.41	1.38	1.37	1.37	1.37	1.37	1.35	1.37	1.38			
180	1.46	1.45	1.45	1.46	1.47	1.46	1.46	1.46	1.46	1.45	1.45	1.46	1.47	1.46	1.46	1.46			

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