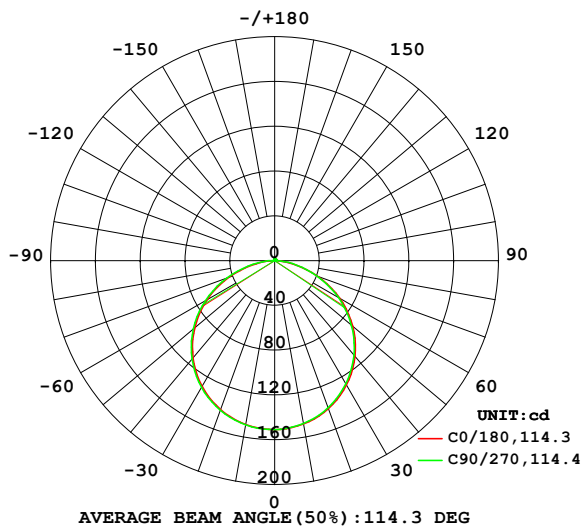


LUMINAIRE PHOTOMETRIC TEST REPORT

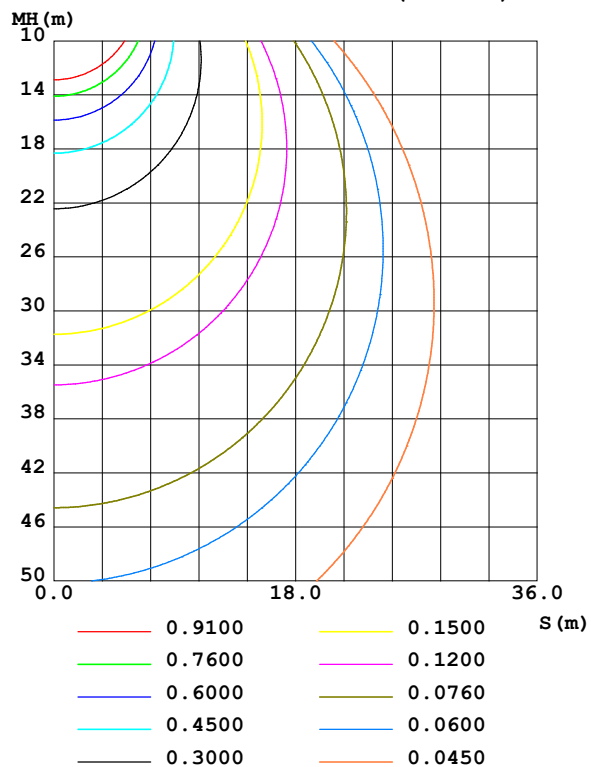
NAME: 2835 IP20	TYPE: 2835 120LED 24V	WEIGHT:
SPEC.: 202-10017-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.01*0.5	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 88.00 lm/W
MODEL	2700K	I _{max} (cd)	151.0	S/MH (C0/180)	1.28	
NOMINAL POWER(W)	4.8	LOR (%)	100.0	S/MH (C90/270)	1.29	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	445.83	□ UP, DN (C0-180)	0.7, 48.3	
NOMINAL FLUX(lm)	3.71526	CIE CLASS	DIRECT	□ UP, DN (C180-360)	0.8, 50.2	
LAMPS INSIDE	120	□ up (%)	1.5	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	24	□ down (%)	98.5	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: 2022-03-16

□ 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	148.2	147.9	147.8	148.1	148.7	148.9	149.0	148.8	0- 10	14.29	14.29	3.2,3.2
20	140.7	140.1	139.8	140.4	141.6	142.1	142.2	141.7	10- 20	41.04	55.32	12.4,12.4
30	128.3	127.6	127.2	127.9	129.7	130.5	130.7	129.9	20- 30	62.50	117.8	26.4,26.4
40	111.7	110.8	110.3	111.2	113.4	114.6	114.8	113.7	30- 40	75.87	193.7	43.4,43.4
50	91.13	90.11	89.51	90.54	93.23	94.73	94.89	93.42	40- 50	79.29	273.0	61.2,61.2
60	67.16	66.11	65.67	66.70	69.54	71.31	71.45	69.63	50- 60	72.05	345.0	77.4,77.4
70	40.49	39.72	40.20	40.67	43.21	45.24	45.42	43.25	60- 70	54.90	399.9	89.7,89.7
80	14.35	14.75	16.28	16.35	16.88	19.12	19.67	17.30	70- 80	30.86	430.8	96.6,96.6
90	0.1532	0.7721	1.208	1.185	0.1213	2.786	4.662	2.961	80- 90	8.506	439.3	98.5,98.5
100	0.3799	0.3944	0.4063	0.3756	0.2949	0.4606	1.503	0.6440	90-100	1.006	440.3	98.8,98.8
110	0.6935	0.6821	0.6844	0.6588	0.5612	0.5305	0.5329	0.5356	100-110	0.5692	440.9	98.9,98.9
120	0.9930	0.9532	0.9603	0.9490	0.8487	0.7801	0.7825	0.7949	110-120	0.7362	441.6	99.1,99.1
130	1.271	1.210	1.208	1.213	1.110	1.039	1.020	1.038	120-130	0.9028	442.5	99.3,99.3
140	1.487	1.426	1.417	1.439	1.336	1.265	1.225	1.259	130-140	0.9645	443.5	99.5,99.5
150	1.661	1.614	1.598	1.627	1.516	1.458	1.408	1.454	140-150	0.9092	444.4	99.7,99.7
160	1.799	1.771	1.790	1.775	1.688	1.641	1.622	1.637	150-160	0.7517	445.1	99.8,99.8
170	1.939	1.926	1.959	1.920	1.875	1.848	1.848	1.844	160-170	0.5081	445.6	100,100
180	2.072	2.064	2.088	2.070	2.072	2.066	2.088	2.068	170-180	0.1870	445.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 241.54 lm

%lum = 54.2%

%lamp = 54.2%

Conical surface Flux(120deg): 345.03 lm

%lum = 77.4%

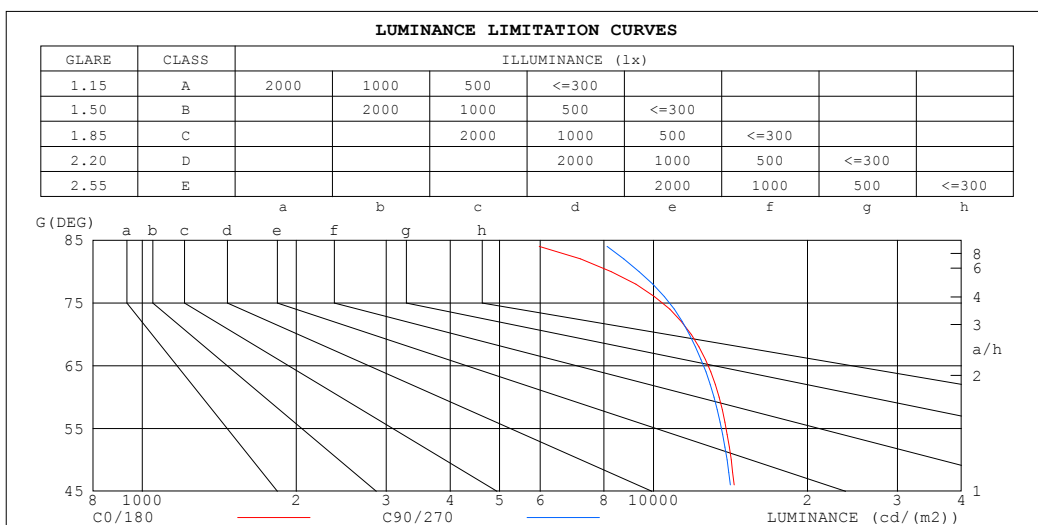
%lamp = 77.4%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-03-16

□ 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 120LED 24V	WEIGHT:
SPEC.: 202-10017-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.01*0.5	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	7165	9734
80	8269	9375
75	11458	11688
70	11848	11754
65	13431	13134
60	13441	13136
55	14279	13988
50	14187	13927
45	14705	14480

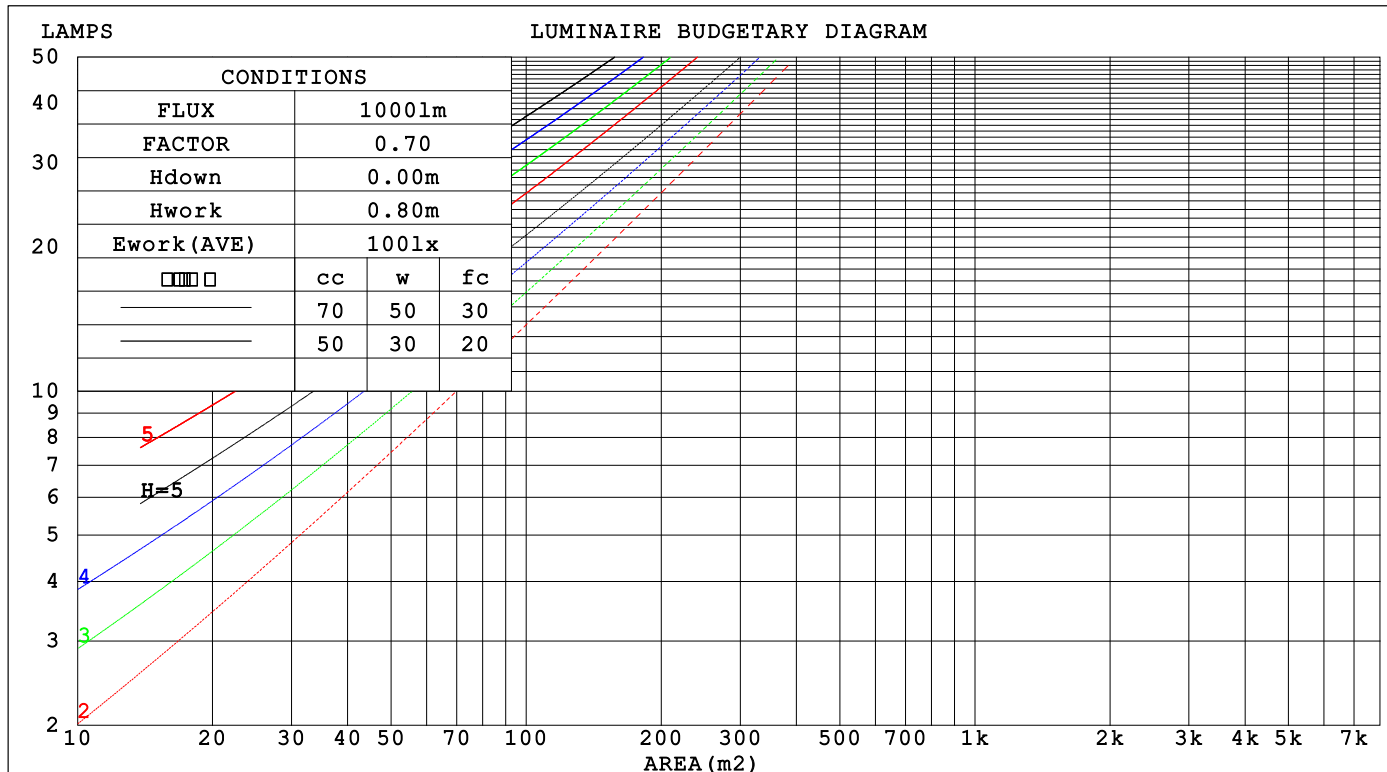
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-03-16

☐ 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 120LED 24V	WEIGHT:
SPEC.: 202-10017-00	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	1.03	.99	.95	1.01	.97	.94	.97	.93	.90	.92	.90	.87	.89	.86	.84	.82
2.0	.90	.83	.77	.88	.82	.76	.84	.79	.74	.81	.76	.72	.77	.74	.71	.68
3.0	.79	.71	.64	.77	.70	.63	.74	.68	.62	.71	.66	.61	.68	.64	.60	.57
4.0	.70	.61	.54	.68	.60	.54	.66	.59	.53	.63	.57	.52	.61	.55	.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	.46	.40	.53	.45	.40	.51	.44	.39	.49	.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	.46	.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	.30	.25	.23



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-03-16

□ 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 120LED 24V	WEIGHT:
SPEC.: 202-10017-00	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	.311	.177	.056	.303	.173	.055	.289	.166	.053	.276	.159	.051	.264	.153	.049		
2.0	.292	.160	.049	.286	.157	.048	.273	.152	.047	.262	.147	.046	.251	.142	.045		
3.0	.270	.144	.043	.265	.142	.043	.253	.137	.042	.243	.133	.041	.234	.129	.040		
4.0	.250	.130	.038	.244	.128	.038	.234	.124	.037	.225	.121	.036	.217	.118	.036		
5.0	.231	.118	.034	.226	.116	.034	.217	.113	.033	.209	.110	.033	.201	.108	.032		
6.0	.214	.107	.031	.210	.106	.030	.202	.103	.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	.165	.082	.023	.160	.080	.023	.155	.079	.023		
10.0	.164	.078	.022	.161	.078	.022	.156	.076	.022	.151	.075	.021	.146	.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	.202	.202	.202	.172	.172	.172	.118	.118	.118	.068	.068	.068	.022	.022	.022		
1.0	.192	.167	.146	.164	.144	.125	.112	.099	.087	.065	.057	.050	.021	.018	.016		
2.0	.184	.143	.109	.157	.123	.094	.108	.085	.066	.062	.050	.039	.020	.016	.013		
3.0	.176	.126	.086	.151	.108	.074	.104	.075	.052	.060	.044	.031	.019	.014	.010		
4.0	.168	.112	.070	.144	.097	.061	.099	.068	.043	.057	.040	.025	.018	.013	.008		
5.0	.161	.102	.059	.138	.088	.051	.095	.062	.036	.055	.036	.021	.018	.012	.007		
6.0	.154	.094	.051	.132	.081	.044	.091	.057	.031	.053	.033	.019	.017	.011	.006		
7.0	.147	.087	.045	.126	.075	.039	.087	.053	.028	.051	.031	.016	.016	.010	.005		
8.0	.141	.081	.040	.121	.070	.035	.084	.049	.025	.049	.029	.015	.016	.010	.005		
9.0	.135	.076	.037	.116	.066	.032	.080	.046	.023	.047	.027	.014	.015	.009	.005		
10.0	.129	.072	.034	.111	.062	.030	.077	.044	.021	.045	.026	.013	.015	.009	.004		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-03-16

☐ 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 120LED 24V			WEIGHT:			
SPEC.: 202-10017-00					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	2H	24.7	26.2	25.0	26.4	26.7	24.6	26.1	24.9	26.3	26.6
	3H	26.1	27.5	26.5	27.8	28.1	26.1	27.5	26.4	27.7	28.0
	4H	26.7	28.0	27.0	28.3	28.6	26.6	27.9	27.0	28.2	28.5
	6H	27.0	28.2	27.3	28.5	28.8	27.0	28.2	27.4	28.5	28.9
	8H	27.0	28.2	27.4	28.5	28.9	27.1	28.3	27.5	28.6	28.9
	12H	27.0	28.2	27.4	28.5	28.8	27.2	28.3	27.5	28.6	29.0
4H	2H	25.3	26.6	25.6	26.9	27.2	25.2	26.5	25.5	26.8	27.1
	3H	26.9	28.0	27.3	28.4	28.7	26.8	28.0	27.2	28.3	28.6
	4H	27.5	28.6	27.9	28.9	29.3	27.5	28.6	27.9	28.9	29.3
	6H	27.9	28.9	28.3	29.2	29.6	28.0	28.9	28.4	29.3	29.7
	8H	28.0	28.9	28.5	29.3	29.7	28.1	29.0	28.6	29.4	29.8
	12H	28.1	28.9	28.5	29.3	29.7	28.2	29.0	28.7	29.5	29.9
8H	4H	27.7	28.6	28.2	29.0	29.4	27.7	28.6	28.2	29.0	29.4
	6H	28.3	29.0	28.7	29.4	29.9	28.3	29.1	28.8	29.5	29.9
	8H	28.4	29.0	28.9	29.5	30.0	28.6	29.2	29.0	29.7	30.1
	12H	28.5	29.0	29.0	29.5	30.0	28.7	29.3	29.2	29.7	30.2
12H	4H	27.7	28.5	28.2	28.9	29.4	27.7	28.5	28.2	28.9	29.4
	6H	28.3	28.9	28.8	29.4	29.9	28.4	29.0	28.8	29.5	29.9
	8H	28.5	29.0	29.0	29.5	30.0	28.6	29.2	29.1	29.6	30.1
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 / - 0.3					+ 0.2 / - 0.3				
2.0H		+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 445.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.8)
Area: 0.01 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-03-16

☐ 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 120LED 24V	WEIGHT:
SPEC.: 202-10017-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.01*0.5	Shielding Angle:

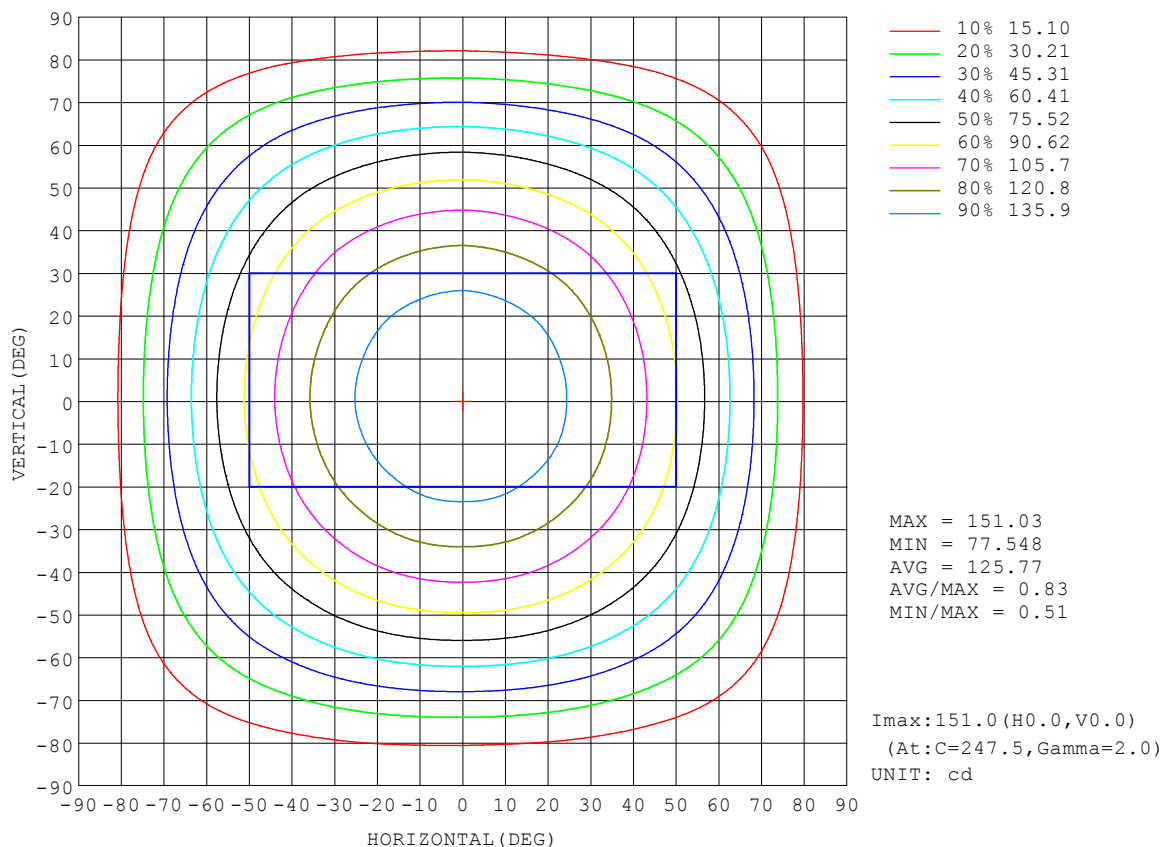
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	63	56	72	65	56	48
1.25	82	72	65	81	71	64	78	69	63	56
1.50	87	77	70	86	76	70	82	75	69	61
2.00	94	86	79	92	84	78	89	82	77	69
2.50	98	90	84	96	89	83	92	86	81	73
3.00	102	95	89	99	93	88	95	90	86	77
4.00	106	100	95	103	98	94	99	94	91	82
5.00	108	103	99	106	101	97	101	97	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: 2022-03-16

☐ 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 120LED 24V	WEIGHT:
SPEC.: 202-10017-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.01*0.5	Shielding Angle:

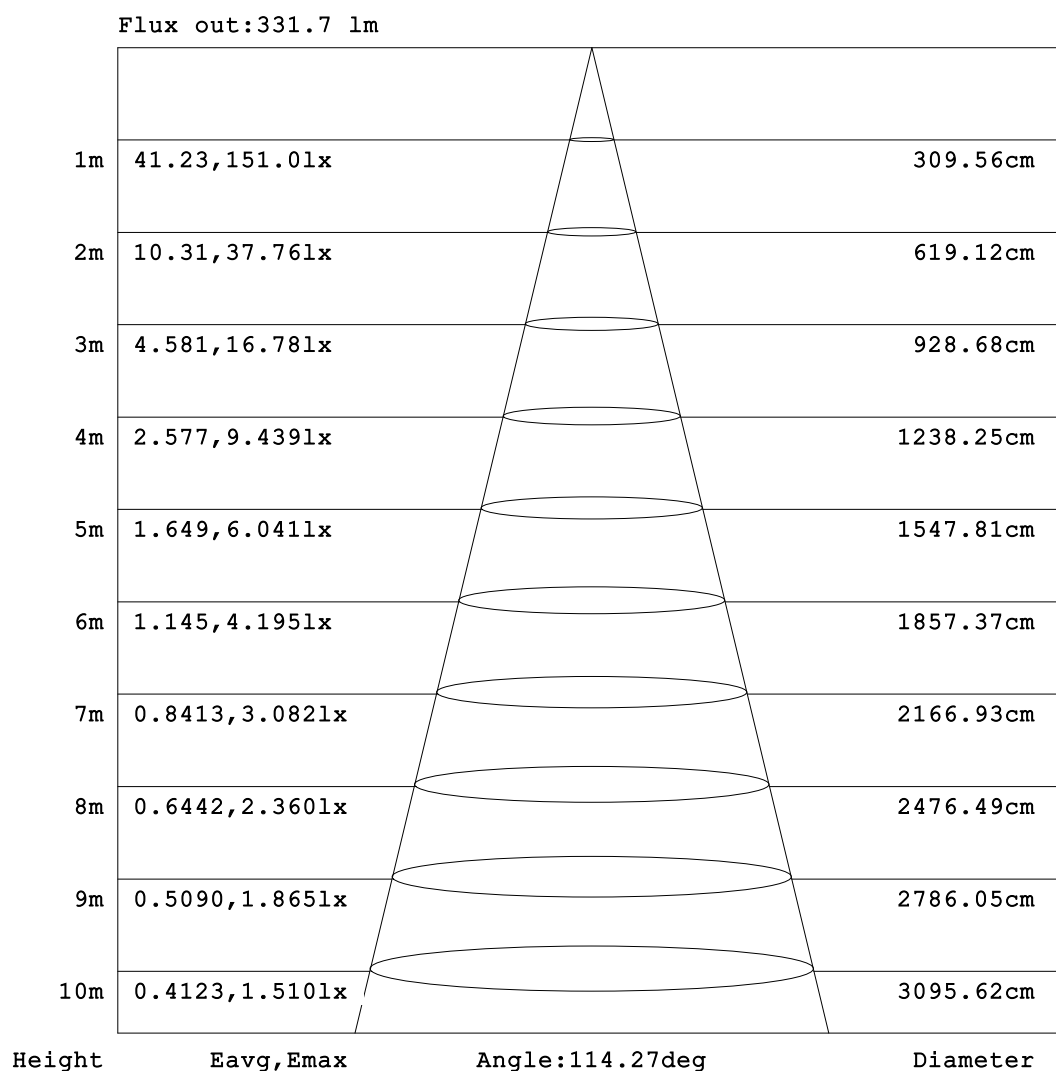


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-03-16

☐ 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 120LED 24V	WEIGHT:
SPEC.: 202-10017-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.01*0.5	Shielding Angle:



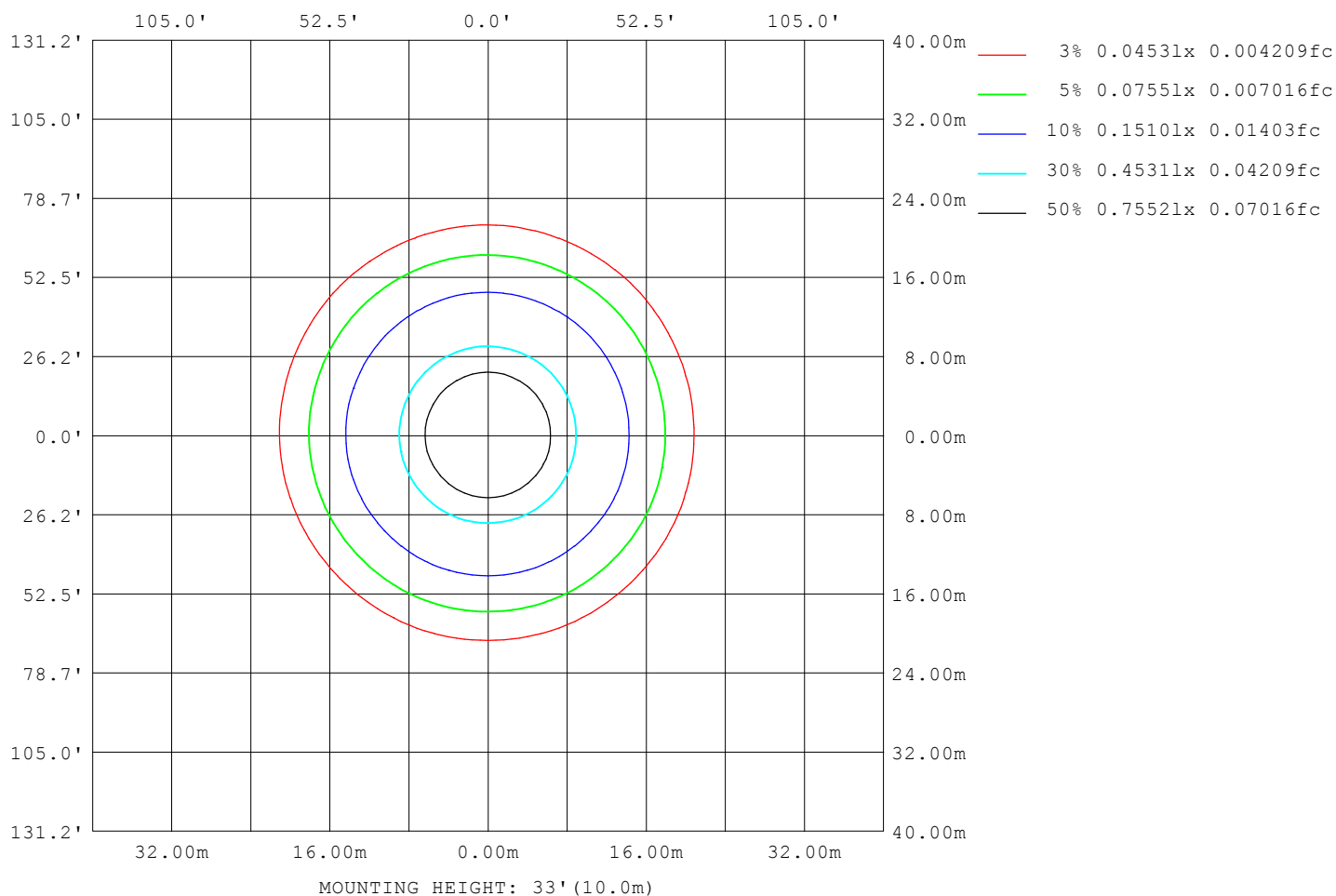
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-03-16

☐ 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 120LED 24V	WEIGHT:
SPEC.: 202-10017-00	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: 2022-03-16

☐ 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 120LED 24V	WEIGHT:
SPEC.: 202-10017-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.01*0.5	Shielding Angle:

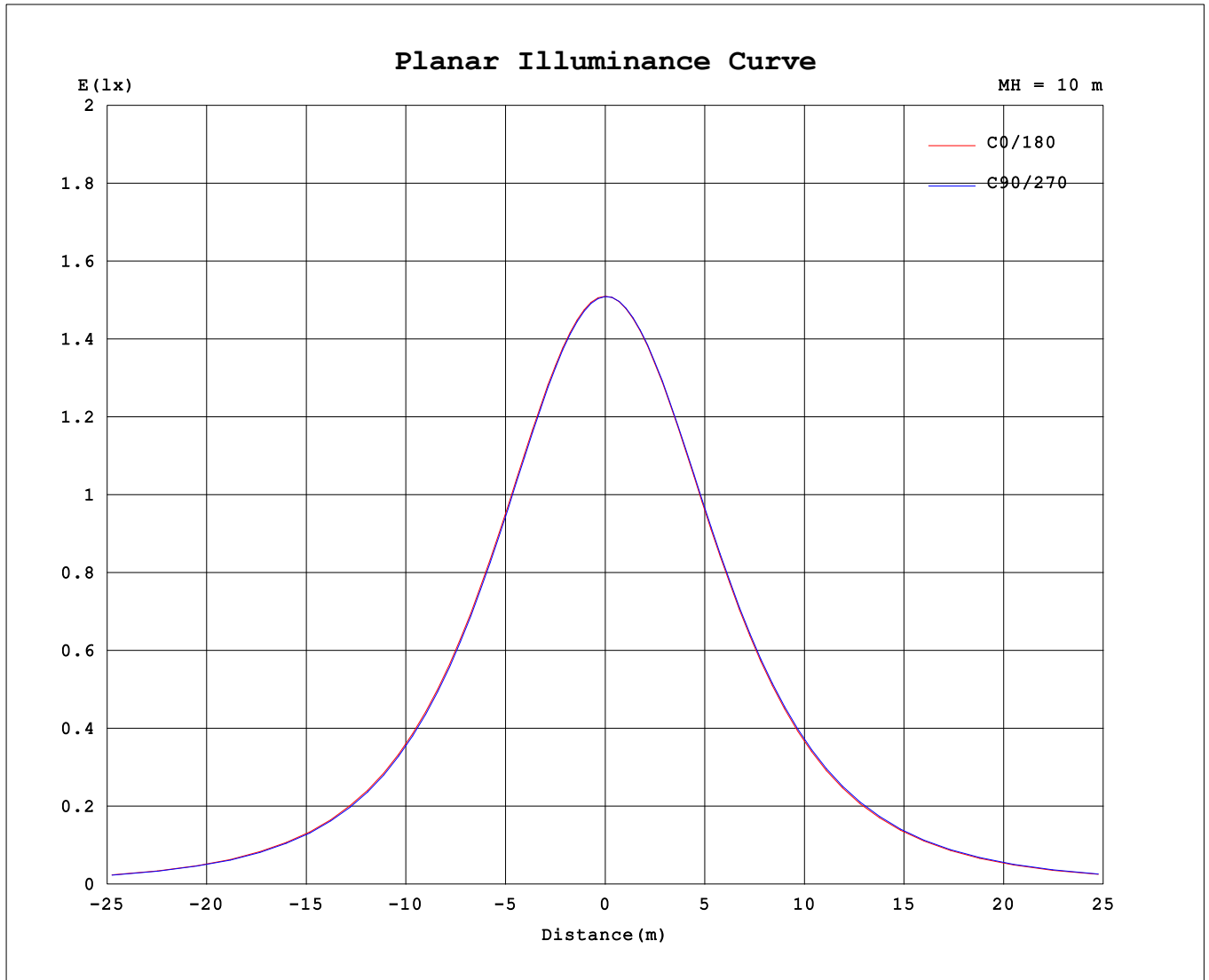
AvgL	cd/m2
L_0~180 (65) av	13094
L_0~180 (75) av	10946
L_0~180 (85) av	6209
L_90~270 (65) av	13205
L_90~270 (75) av	11583
L_90~270 (85) av	9527
L_45 (65) av	13136
L_45 (75) av	11236
L_45 (85) av	8195

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-03-16

☐ 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: 2022-03-16

☐ 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 120LED 24V	WEIGHT:
SPEC.: 202-10017-00	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	151	151	151	151	151	151	151	151	151	151	151	151	151	151	151	151			
5	150	150	150	150	150	150	150	151	151	151	151	151	151	151	151	151			
10	148	148	148	148	148	148	148	148	149	149	149	149	149	149	149	148			
15	146	146	145	145	145	145	146	146	146	146	147	147	147	147	146	146			
20	141	141	140	140	140	140	140	141	142	142	142	142	142	142	142	141			
25	136	136	136	136	135	136	136	137	137	138	138	138	138	138	138	137			
30	128	128	128	128	127	128	128	129	130	130	131	131	131	130	130	129			
35	122	122	121	121	121	121	122	123	124	124	125	125	125	124	124	123			
40	112	112	111	111	110	111	111	112	113	114	115	115	115	114	114	113			
45	104	104	103	103	102	103	103	105	106	106	107	107	107	106	106	105			
50	91.1	91.0	90.1	90.0	89.5	90.1	90.5	92.0	93.2	93.7	94.7	94.7	94.9	93.9	93.4	92.1			
55	81.8	81.7	80.8	80.8	80.2	80.9	81.3	82.8	84.1	84.7	85.7	85.8	85.9	84.9	84.3	82.8			
60	67.2	66.9	66.1	66.0	65.7	66.2	66.7	68.2	69.5	70.3	71.3	71.5	71.5	70.4	69.6	68.1			
65	56.7	56.5	55.7	55.8	55.5	56.1	56.4	57.9	59.3	60.0	61.1	61.4	61.3	60.2	59.3	57.7			
70	40.5	40.3	39.7	40.1	40.2	40.6	40.7	41.9	43.2	44.0	45.2	45.5	45.4	44.2	43.2	41.5			
75	29.6	29.5	29.2	30.0	30.2	30.7	30.5	31.1	32.4	33.2	34.5	34.8	34.8	33.5	32.5	30.6			
80	14.3	14.4	14.7	15.9	16.3	16.8	16.4	16.3	16.9	17.7	19.1	19.6	19.7	18.5	17.3	15.4			
85	6.24	6.42	7.00	8.02	8.48	8.90	8.55	8.26	8.07	8.39	10.4	11.3	11.4	10.4	9.19	7.35			
90	0.15	0.53	0.77	1.07	1.21	1.36	1.19	1.00	0.12	1.15	2.79	4.20	4.66	4.17	2.96	1.37			
95	0.22	0.23	0.27	0.28	0.29	0.29	0.27	0.22	0.17	0.25	1.30	2.55	3.04	2.69	1.69	0.52			
100	0.38	0.38	0.39	0.40	0.41	0.40	0.38	0.35	0.29	0.28	0.46	1.18	1.50	1.26	0.64	0.30			
105	0.50	0.49	0.50	0.51	0.51	0.50	0.48	0.47	0.40	0.38	0.38	0.69	0.89	0.75	0.39	0.40			
110	0.69	0.67	0.68	0.69	0.68	0.68	0.66	0.64	0.56	0.53	0.53	0.53	0.53	0.54	0.54	0.55			
115	0.81	0.78	0.79	0.79	0.79	0.79	0.78	0.76	0.68	0.64	0.64	0.63	0.64	0.63	0.64	0.66			
120	0.99	0.95	0.95	0.96	0.96	0.95	0.95	0.93	0.85	0.80	0.78	0.78	0.78	0.78	0.79	0.81			
125	1.11	1.06	1.06	1.07	1.07	1.06	1.06	1.05	0.96	0.91	0.88	0.88	0.88	0.88	0.89	0.92			
130	1.27	1.22	1.21	1.21	1.21	1.22	1.21	1.21	1.11	1.07	1.04	1.02	1.02	1.02	1.04	1.08			
135	1.36	1.32	1.30	1.30	1.30	1.31	1.31	1.31	1.21	1.17	1.13	1.11	1.10	1.12	1.13	1.17			
140	1.49	1.45	1.43	1.42	1.42	1.44	1.44	1.44	1.34	1.30	1.27	1.24	1.22	1.24	1.26	1.31			
145	1.56	1.53	1.50	1.48	1.49	1.52	1.52	1.52	1.41	1.38	1.35	1.33	1.30	1.31	1.34	1.39			
150	1.66	1.64	1.61	1.59	1.60	1.63	1.63	1.63	1.52	1.49	1.46	1.45	1.41	1.43	1.45	1.50			
155	1.72	1.70	1.68	1.66	1.68	1.70	1.69	1.68	1.59	1.55	1.53	1.52	1.49	1.50	1.53	1.57			
160	1.80	1.79	1.77	1.76	1.79	1.79	1.77	1.77	1.69	1.66	1.64	1.64	1.62	1.61	1.64	1.68			
165	1.85	1.85	1.83	1.82	1.87	1.85	1.83	1.83	1.76	1.74	1.72	1.71	1.71	1.69	1.72	1.76			
170	1.94	1.94	1.93	1.92	1.96	1.94	1.92	1.93	1.88	1.86	1.85	1.85	1.85	1.82	1.84	1.88			
175	2.00	2.00	1.99	1.99	2.02	2.00	1.99	2.00	1.96	1.94	1.94	1.94	1.95	1.92	1.94	1.97			
180	2.07	2.06	2.06	2.07	2.09	2.07	2.07	2.08	2.07	2.07	2.07	2.07	2.09	2.07	2.07	2.08			

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