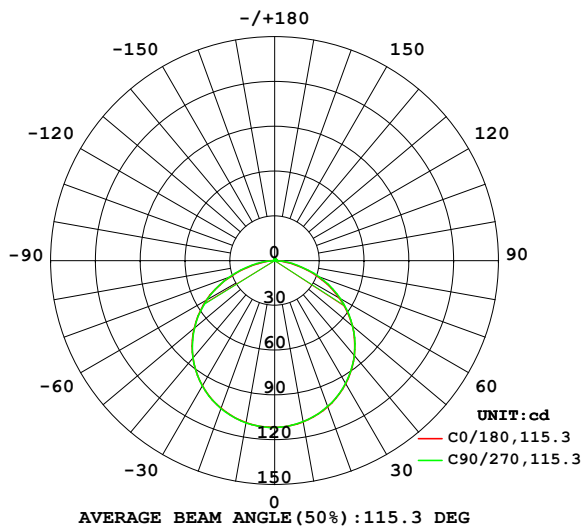


LUMINAIRE PHOTOMETRIC TEST REPORT

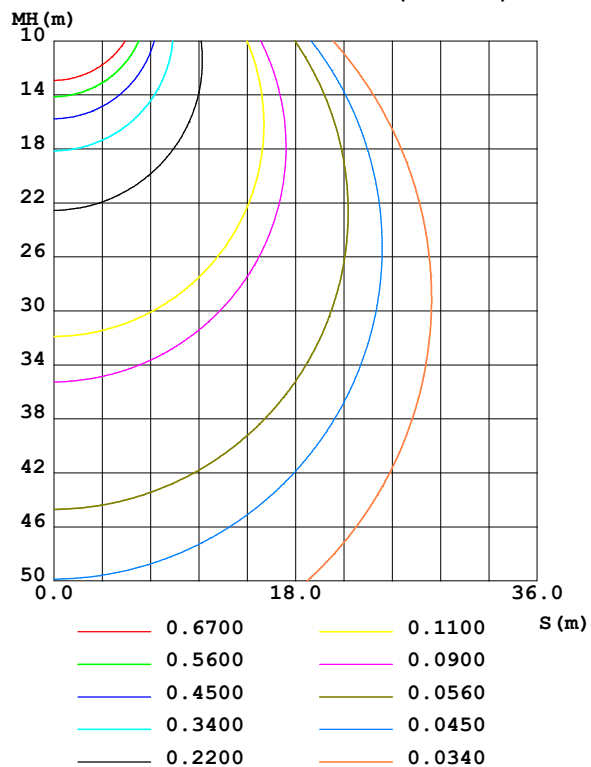
NAME: 2835 IP20	TYPE: 2835 80LED 24V	WEIGHT:
SPEC.: 202-00032-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.008*0.5	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 128.77 lm/W
MODEL	4000K	I _{max} (cd)	111.8	S/MH(C0/180)	1.29	
NOMINAL POWER(W)	2.4	LOR(%)	100.0	S/MH(C90/270)	1.29	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	331.57	□ UP,DN(C0-180)	0.7,48.9	
NOMINAL FLUX(lm)	8.28925	CIE CLASS	DIRECT	□ UP,DN(C180-360)	0.6,49.7	
LAMPS INSIDE	40	□ up (%)	1.4	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	24	□ down (%)	98.6	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	109.7	109.4	109.6	109.9	110.2	110.5	110.3	110.0	0- 10	10.58	10.58	3.19,3.19
20	104.2	103.7	103.9	104.6	105.3	105.6	105.4	104.8	10- 20	30.42	41.01	12.4,12.4
30	95.26	94.71	95.04	96.02	96.85	97.35	96.96	96.17	20- 30	46.46	87.47	26.4,26.4
40	83.13	82.57	83.06	84.23	85.19	85.70	85.15	84.19	30- 40	56.60	144.1	43.5,43.5
50	67.98	67.54	68.23	69.53	70.45	70.85	70.14	69.06	40- 50	59.36	203.4	61.4,61.4
60	50.15	49.95	50.86	52.19	52.85	53.10	52.23	51.06	50- 60	54.07	257.5	77.7,77.7
70	30.27	30.39	31.51	32.76	31.45	33.14	32.20	30.92	60- 70	41.19	298.7	90.1,90.1
80	10.91	11.18	12.21	13.21	11.14	13.23	12.29	11.13	70- 80	22.77	321.5	97,97
90	0.1197	0.9056	1.141	1.022	0.0903	0.6576	0.2678	0.4017	80- 90	5.616	327.1	98.6,98.6
100	0.2847	0.3966	0.5515	0.2691	0.2116	0.2233	0.2564	0.2432	90-100	0.4046	327.5	98.8,98.8
110	0.5198	0.4982	0.4937	0.4835	0.4158	0.4037	0.4133	0.4291	100-110	0.3844	327.9	98.9,98.9
120	0.7502	0.7119	0.7048	0.6980	0.6343	0.5960	0.6103	0.6221	110-120	0.5526	328.4	99.1,99.1
130	0.9449	0.8923	0.8830	0.8934	0.8243	0.7764	0.7812	0.7985	120-130	0.6773	329.1	99.3,99.3
140	1.104	1.061	1.044	1.065	0.9857	0.9425	0.9308	0.9510	130-140	0.7195	329.8	99.5,99.5
150	1.228	1.199	1.182	1.201	1.121	1.087	1.057	1.096	140-150	0.6770	330.5	99.7,99.7
160	1.330	1.315	1.327	1.315	1.252	1.218	1.209	1.230	150-160	0.5589	331.1	99.8,99.8
170	1.432	1.429	1.450	1.427	1.387	1.367	1.380	1.378	160-170	0.3773	331.4	100,100
180	1.534	1.529	1.548	1.537	1.532	1.529	1.546	1.539	170-180	0.1388	331.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 179.87 lm

%lum = 54.2%

%lamp = 54.2%

Conical surface Flux(120deg): 257.5 lm

%lum = 77.7%

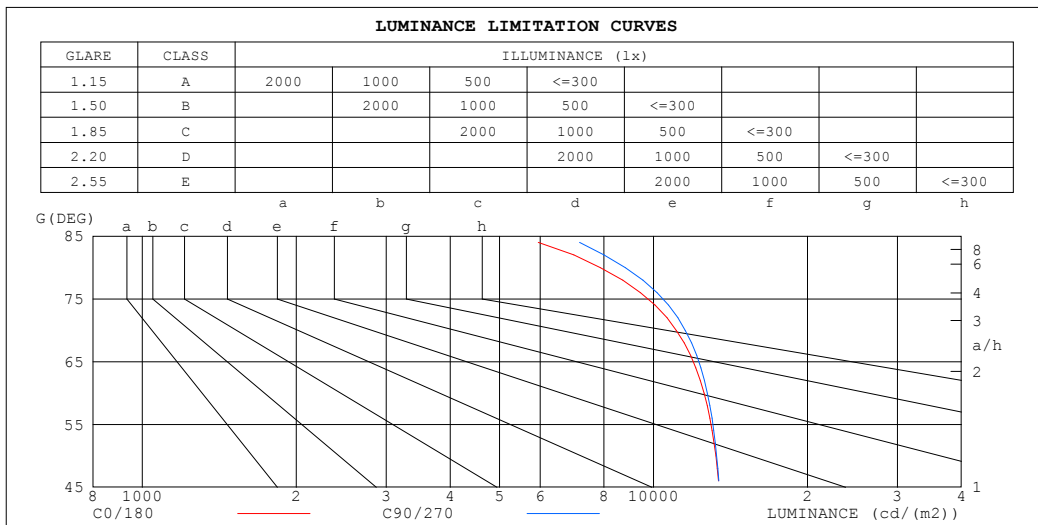
%lamp = 77.7%

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

□ 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 80LED 24V	WEIGHT:
SPEC.: 202-00032-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.008*0.5	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	7133	8597
80	7866	8808
75	10729	11403
70	11077	11537
65	12550	12832
60	12555	12737
55	13348	13441
50	13239	13290
45	13705	13715

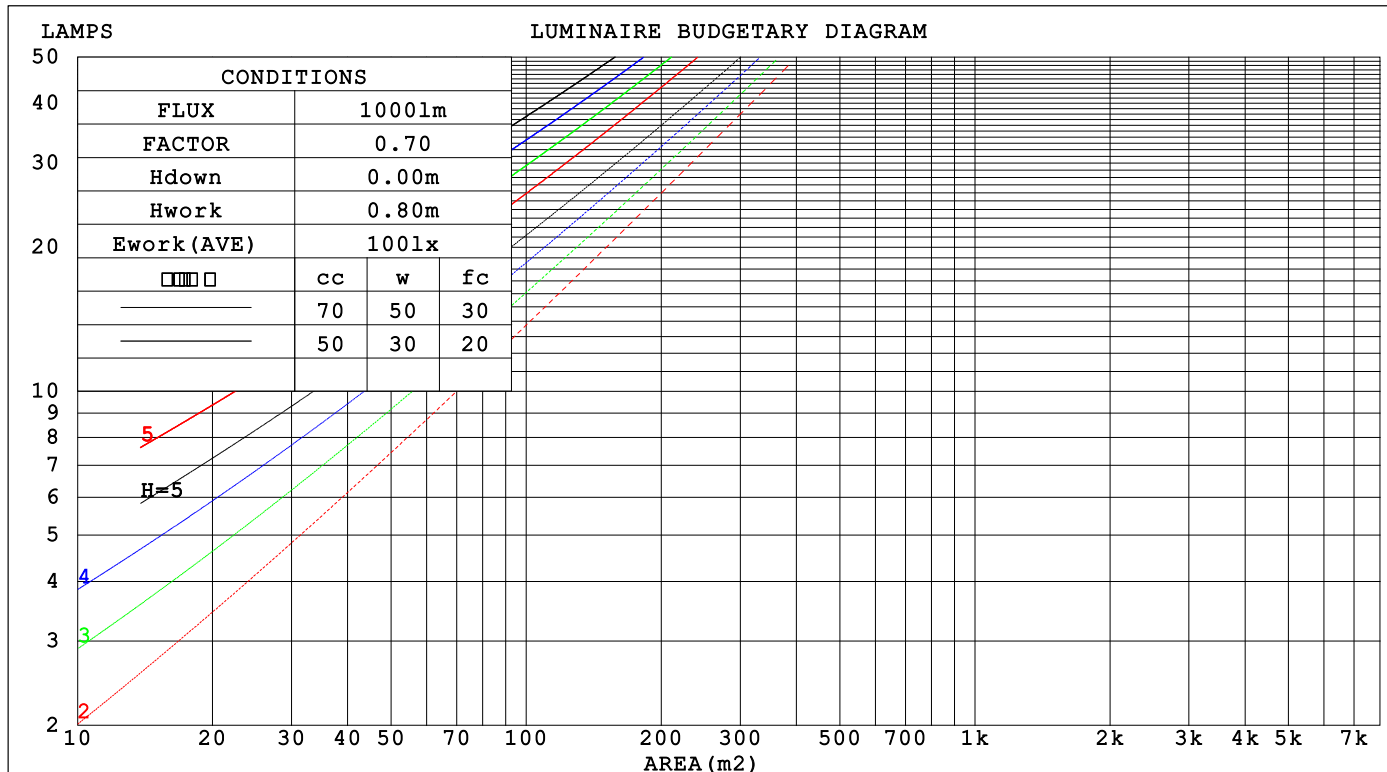
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-03-16

☐ 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 80LED 24V	WEIGHT:
SPEC.: 202-00032-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.008*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	.46	.40	.51	.45	.39	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.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 80LED 24V	WEIGHT:
SPEC.: 202-00032-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.008*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	.175	.056	.301	.172	.055	.287	.165	.053	.274	.158	.051	.262	.152	.049		
2.0	.291	.160	.049	.285	.157	.048	.272	.151	.047	.261	.146	.046	.250	.142	.045		
3.0	.270	.144	.043	.264	.141	.043	.253	.137	.042	.243	.133	.041	.233	.129	.040		
4.0	.249	.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	.202	.108	.032		
6.0	.214	.107	.031	.210	.106	.030	.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	.172	.172	.172	.117	.117	.117	.067	.067	.067	.022	.022	.022		
1.0	.191	.167	.145	.163	.143	.125	.112	.098	.086	.064	.057	.050	.021	.018	.016		
2.0	.183	.142	.109	.156	.123	.094	.107	.085	.065	.062	.049	.038	.020	.016	.012		
3.0	.175	.125	.085	.150	.108	.074	.103	.075	.052	.059	.044	.030	.019	.014	.010		
4.0	.167	.112	.069	.144	.096	.060	.099	.067	.042	.057	.039	.025	.018	.013	.008		
5.0	.160	.101	.058	.137	.088	.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	.075	.038	.087	.052	.027	.050	.031	.016	.016	.010	.005		
8.0	.140	.080	.039	.120	.070	.034	.083	.049	.024	.048	.029	.015	.016	.009	.005		
9.0	.134	.075	.036	.115	.065	.031	.080	.046	.022	.046	.027	.013	.015	.009	.004		
10.0	.128	.071	.033	.110	.062	.029	.077	.043	.021	.045	.026	.012	.014	.008	.004		

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

☐ 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 80LED 24V			WEIGHT:			
SPEC.: 202-00032-00					DIM.:			SERIAL No.:			
MFR.:					SUR.: 0.008*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	25.5	27.0	25.8	27.2	27.5	25.6	27.1	25.9	27.3	27.5	
	27.0	28.4	27.3	28.6	28.9	27.1	28.5	27.4	28.7	29.0	
	27.5	28.8	27.8	29.1	29.4	27.6	29.0	28.0	29.2	29.5	
	27.8	29.1	28.2	29.4	29.7	28.0	29.3	28.4	29.6	29.9	
	27.9	29.1	28.2	29.4	29.7	28.1	29.3	28.5	29.6	29.9	
	27.9	29.0	28.3	29.4	29.7	28.1	29.3	28.5	29.6	30.0	
4H	2H	26.1	27.4	26.4	27.7	28.0	26.1	27.5	26.5	27.7	28.0
	3H	27.7	28.9	28.1	29.2	29.6	27.8	29.0	28.2	29.3	29.6
	4H	28.4	29.4	28.8	29.8	30.1	28.5	29.6	28.9	29.9	30.3
	6H	28.8	29.7	29.2	30.1	30.5	29.0	29.9	29.4	30.3	30.7
	8H	28.9	29.8	29.3	30.2	30.6	29.1	30.0	29.6	30.4	30.8
	12H	28.9	29.7	29.4	30.2	30.6	29.2	30.0	29.6	30.4	30.8
8H	4H	28.6	29.5	29.0	29.9	30.3	28.7	29.6	29.2	30.0	30.4
	6H	29.1	29.9	29.6	30.3	30.7	29.3	30.0	29.8	30.5	30.9
	8H	29.3	29.9	29.8	30.4	30.9	29.5	30.2	30.0	30.6	31.1
	12H	29.4	29.9	29.9	30.4	30.9	29.6	30.2	30.1	30.7	31.2
12H	4H	28.6	29.4	29.1	29.8	30.3	28.7	29.5	29.2	29.9	30.4
	6H	29.2	29.8	29.7	30.3	30.7	29.4	30.0	29.8	30.4	30.9
	8H	29.4	29.9	29.9	30.4	30.9	29.6	30.1	30.1	30.6	31.1
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.2 / - 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, 331.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.8)
Area: 0.008 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 80LED 24V	WEIGHT:
SPEC.: 202-00032-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.008*0.5	Shielding Angle:

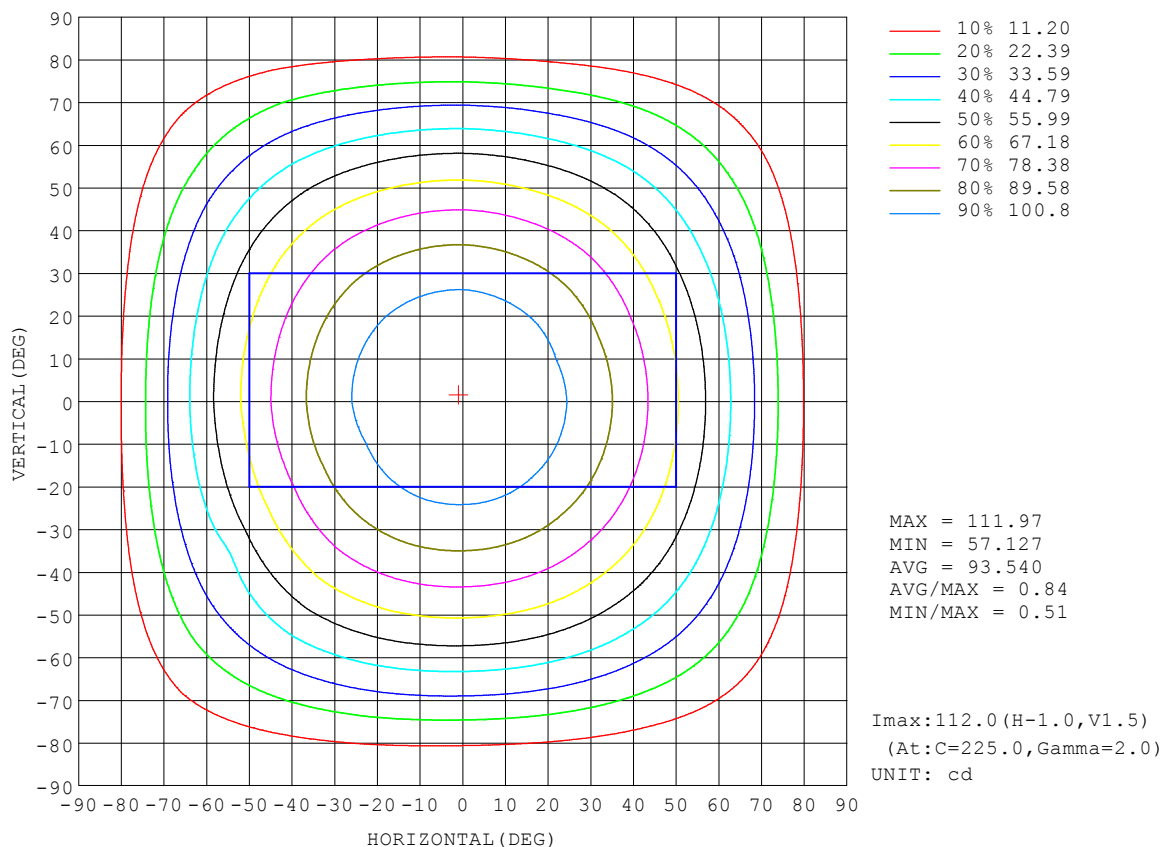
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	48	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	85	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: 2022-03-16

☐ 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 80LED 24V	WEIGHT:
SPEC.: 202-00032-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.008*0.5	Shielding Angle:

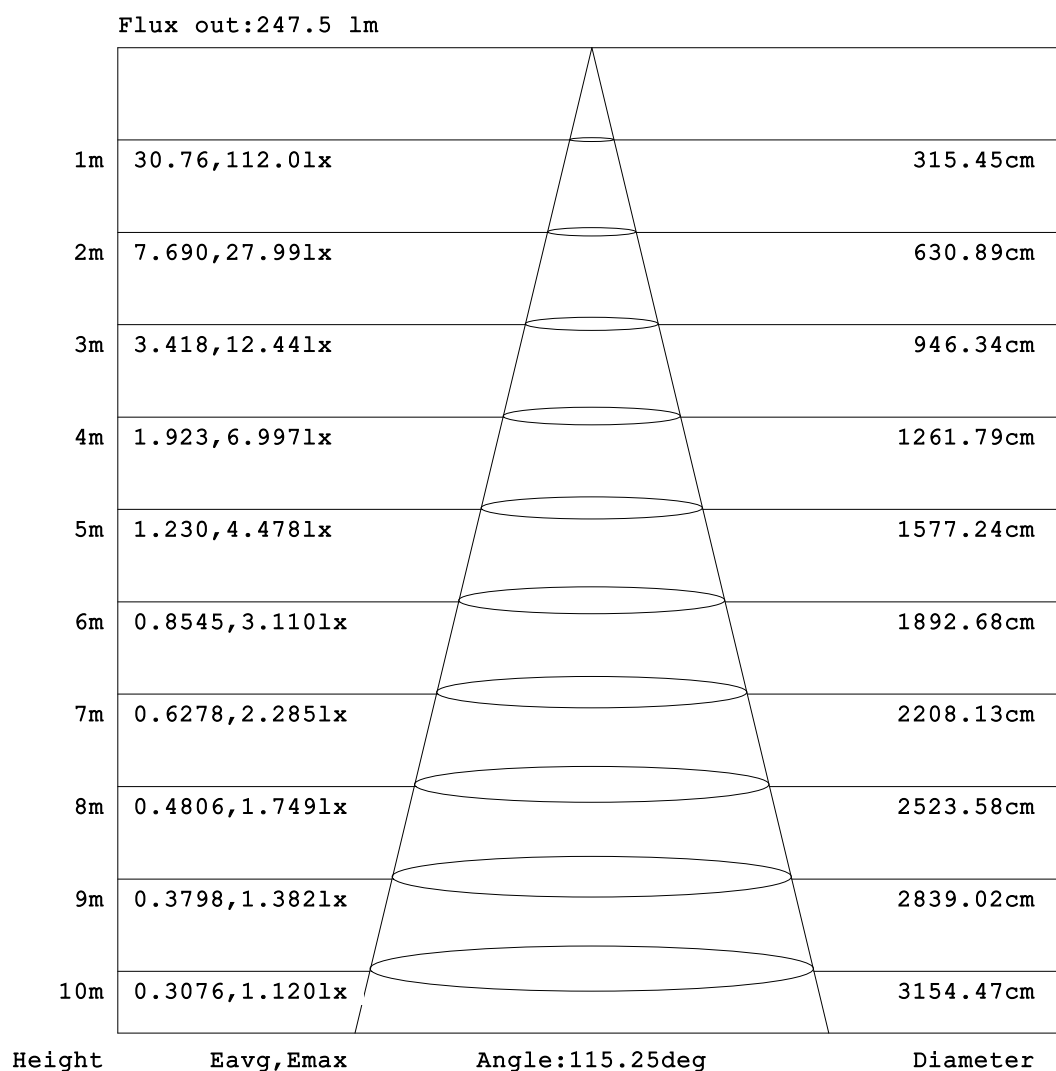


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-03-16

☐ 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 80LED 24V	WEIGHT:
SPEC.: 202-00032-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.008*0.5	Shielding Angle:



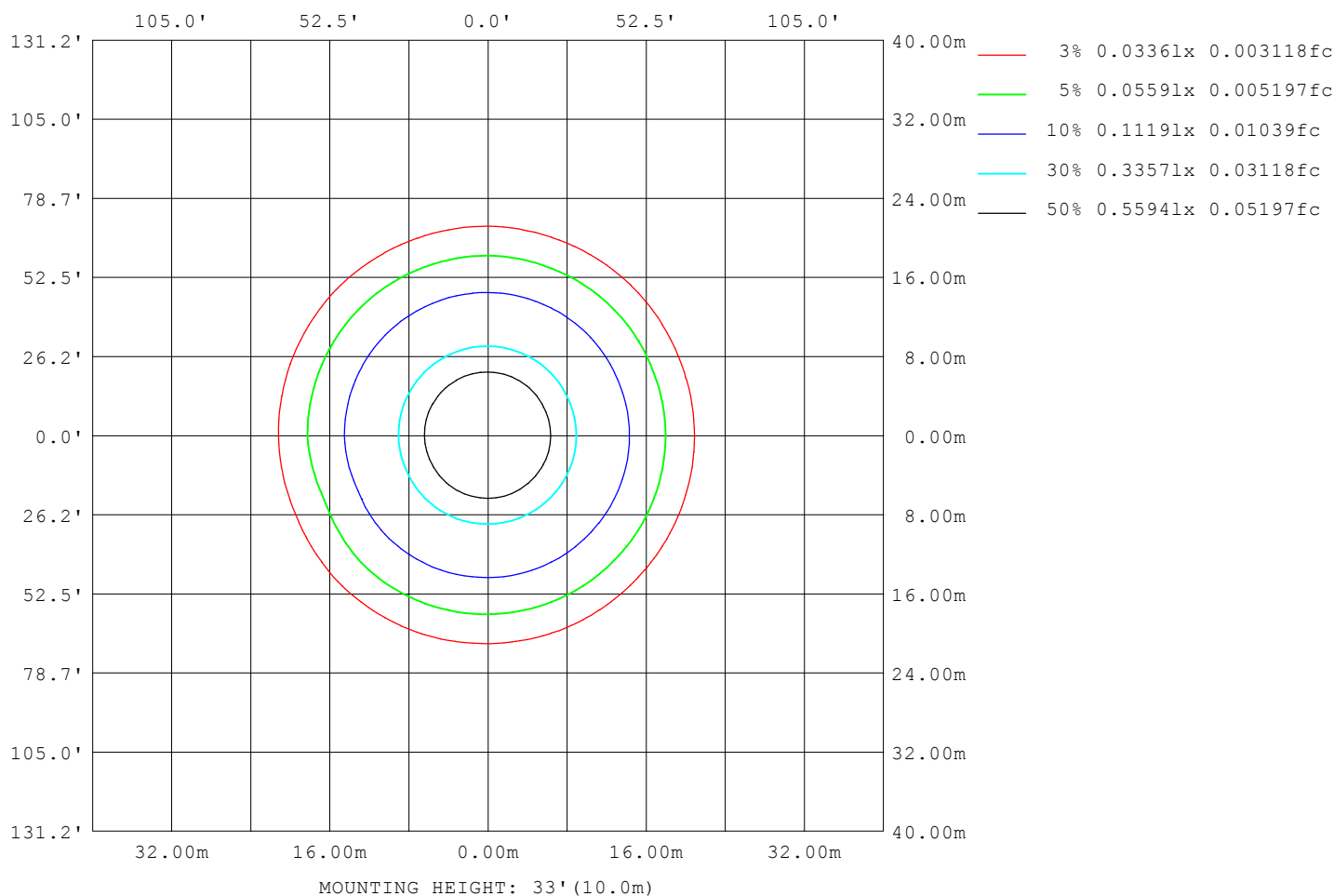
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 80LED 24V	WEIGHT:
SPEC.: 202-00032-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.008*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 80LED 24V	WEIGHT:
SPEC.: 202-00032-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.008*0.5	Shielding Angle:

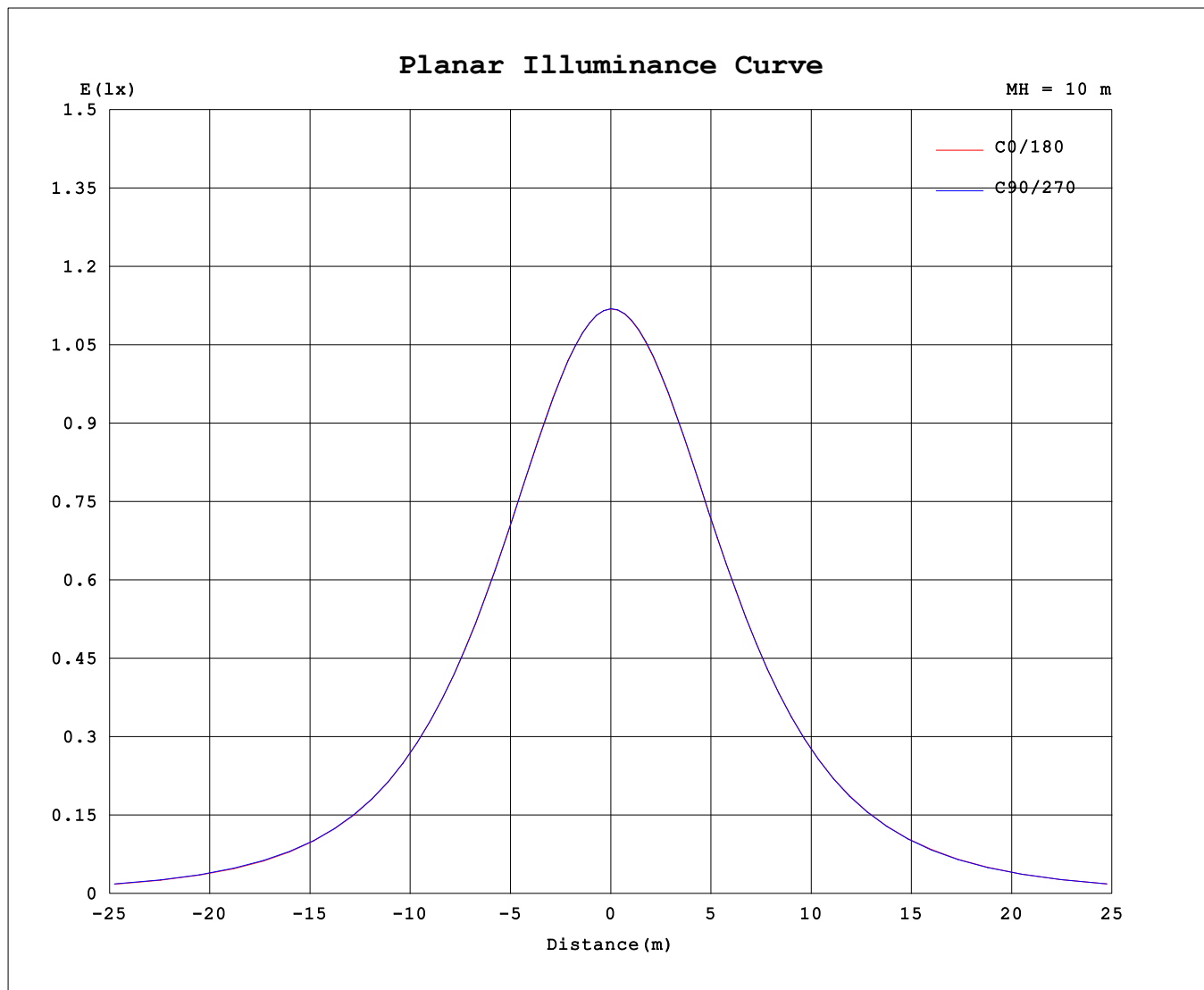
AvgL	cd/m2
L_0~180 (65) av	12251
L_0~180 (75) av	9901
L_0~180 (85) av	5508
L_90~270 (65) av	12391
L_90~270 (75) av	10527
L_90~270 (85) av	6482
L_45 (65) av	12389
L_45 (75) av	10476
L_45 (85) av	6632

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



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 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: 2835 IP20	TYPE: 2835 80LED 24V	WEIGHT:
SPEC.: 202-00032-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.008*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	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112			
5	111	111	111	111	111	111	111	111	112	112	112	112	112	112	111	111			
10	110	110	109	110	110	110	110	110	110	110	110	110	110	110	110	110			
15	108	108	108	108	108	108	108	108	109	109	109	109	109	109	108	108			
20	104	104	104	104	104	104	105	105	105	105	106	106	105	105	105	104			
25	101	101	101	101	101	101	102	102	102	103	103	103	102	102	102	101			
30	95.3	95.0	94.7	94.9	95.0	95.6	96.0	96.4	96.8	97.1	97.3	97.1	97.0	96.5	96.2	95.7			
35	90.8	90.5	90.2	90.4	90.6	91.2	91.7	92.1	92.6	92.9	93.1	92.8	92.6	92.1	91.8	91.2			
40	83.1	82.8	82.6	82.8	83.1	83.8	84.2	84.7	85.2	85.5	85.7	85.4	85.1	84.5	84.2	83.6			
45	77.4	77.1	76.9	77.2	77.5	78.2	78.7	78.1	79.6	79.9	80.1	79.7	79.5	78.8	78.5	77.8			
50	68.0	67.8	67.5	67.9	68.2	69.0	69.5	69.5	70.5	70.6	70.8	70.4	70.1	69.4	69.1	68.3			
55	61.2	61.0	60.8	61.2	61.6	62.4	62.9	61.0	63.7	63.9	64.1	63.6	63.3	62.5	62.2	61.5			
60	50.1	50.0	49.9	50.5	50.9	51.8	52.2	49.0	52.8	53.0	53.1	52.5	52.2	51.4	51.1	50.3			
65	42.4	42.4	42.3	42.9	43.3	44.2	44.6	43.3	44.6	45.2	45.3	44.8	44.4	43.5	43.2	42.5			
70	30.3	30.4	30.4	31.1	31.5	32.4	32.8	32.9	31.5	33.0	33.1	32.6	32.2	31.3	30.9	30.3			
75	22.2	22.3	22.4	23.1	23.6	24.4	24.8	24.9	23.0	23.4	24.9	24.4	24.0	23.0	22.7	22.1			
80	10.9	11.1	11.2	11.8	12.2	13.0	13.2	13.5	11.1	12.3	13.2	12.6	12.3	11.4	11.1	10.8			
85	4.97	5.20	5.27	5.66	5.98	6.55	6.73	7.03	5.06	6.71	6.60	6.01	5.71	5.14	4.99	4.86			
90	0.12	0.72	0.91	1.05	1.14	1.13	1.02	1.10	0.09	0.70	0.66	0.38	0.27	0.30	0.40	0.55			
95	0.16	0.30	0.62	0.80	0.85	0.65	0.35	0.19	0.13	0.17	0.20	0.21	0.21	0.22	0.22	0.22			
100	0.28	0.28	0.40	0.51	0.55	0.37	0.27	0.26	0.21	0.22	0.22	0.23	0.26	0.25	0.24	0.23			
105	0.37	0.36	0.37	0.46	0.48	0.37	0.35	0.34	0.29	0.29	0.29	0.30	0.30	0.31	0.31	0.30			
110	0.52	0.50	0.50	0.49	0.49	0.49	0.48	0.47	0.42	0.40	0.40	0.41	0.41	0.43	0.43	0.41			
115	0.61	0.58	0.59	0.58	0.58	0.57	0.57	0.57	0.50	0.48	0.48	0.49	0.49	0.50	0.50	0.49			
120	0.75	0.71	0.71	0.71	0.70	0.70	0.70	0.70	0.63	0.60	0.60	0.60	0.61	0.62	0.62	0.61			
125	0.83	0.80	0.79	0.78	0.78	0.78	0.78	0.78	0.72	0.69	0.67	0.68	0.68	0.69	0.70	0.69			
130	0.94	0.91	0.89	0.89	0.88	0.89	0.89	0.91	0.82	0.79	0.78	0.78	0.78	0.79	0.80	0.80			
135	1.01	0.99	0.96	0.96	0.95	0.96	0.96	0.98	0.90	0.86	0.85	0.84	0.84	0.86	0.86	0.88			
140	1.10	1.09	1.06	1.05	1.04	1.06	1.06	1.08	0.99	0.96	0.94	0.94	0.93	0.94	0.95	0.98			
145	1.16	1.14	1.12	1.10	1.10	1.12	1.12	1.13	1.05	1.02	1.00	0.99	0.98	1.00	1.01	1.03			
150	1.23	1.22	1.20	1.18	1.18	1.21	1.20	1.21	1.12	1.10	1.09	1.08	1.06	1.08	1.10	1.11			
155	1.27	1.26	1.25	1.23	1.24	1.26	1.25	1.26	1.18	1.15	1.14	1.14	1.12	1.13	1.15	1.17			
160	1.33	1.33	1.31	1.30	1.33	1.33	1.32	1.32	1.25	1.23	1.22	1.22	1.21	1.21	1.23	1.25			
165	1.37	1.37	1.36	1.35	1.38	1.37	1.36	1.37	1.30	1.28	1.28	1.27	1.28	1.26	1.28	1.31			
170	1.43	1.43	1.43	1.42	1.45	1.44	1.43	1.44	1.39	1.38	1.37	1.37	1.38	1.36	1.38	1.40			
175	1.48	1.48	1.48	1.48	1.50	1.49	1.48	1.49	1.45	1.44	1.43	1.44	1.45	1.43	1.44	1.46			
180	1.53	1.53	1.53	1.53	1.55	1.54	1.54	1.55	1.53	1.53	1.53	1.53	1.55	1.53	1.54	1.55			

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