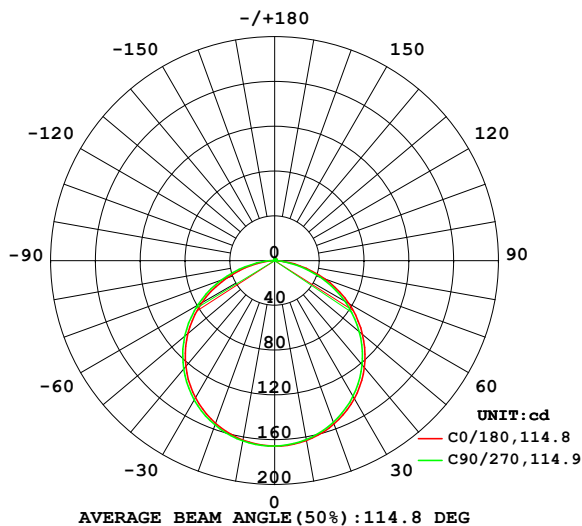


LUMINAIRE PHOTOMETRIC TEST REPORT

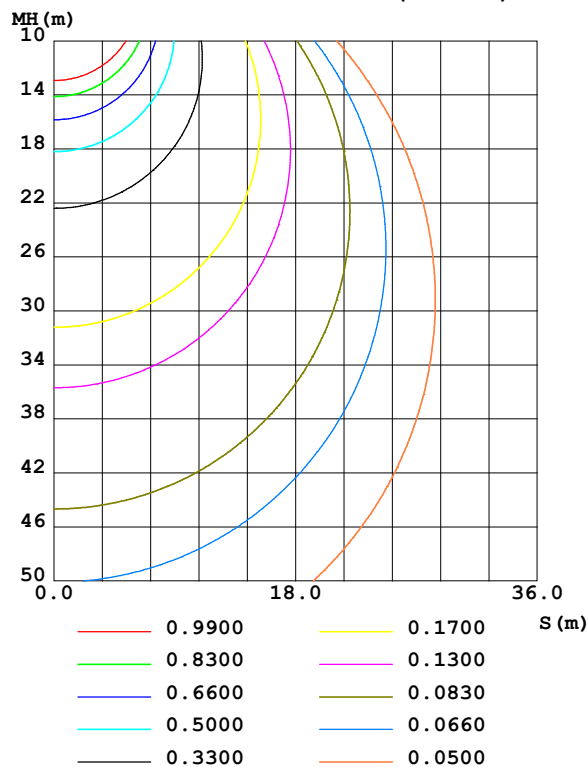
NAME: 2835 IP20	TYPE: 2835 120LED 24V	WEIGHT:
SPEC.: 202-00312	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.01*0.5	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 94.93 lm/W
MODEL	3000K	I _{max} (cd)	165.7	S/MH(C0/180)	1.27	
NOMINAL POWER(W)	4.8	LOR(%)	100.0	S/MH(C90/270)	1.29	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	489.58	<input type="checkbox"/> UP,DN(C0-180)	0.7,48.4	
NOMINAL FLUX(lm)	4.07979	CIE CLASS	DIRECT	<input type="checkbox"/> UP,DN(C180-360)	0.6,50.3	
LAMPS INSIDE	120	<input type="checkbox"/> up (%)	1.3	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	24	<input type="checkbox"/> 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:2022-03-16

☐ 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	163.1	162.6	162.3	162.3	162.8	163.2	163.6	163.6	0- 10	15.68	15.68	3.2,3.2
20	155.3	154.4	153.6	153.6	154.6	155.5	156.2	156.2	10- 20	45.05	60.74	12.4,12.4
30	142.4	141.1	139.9	140.0	141.5	142.8	143.9	143.9	20- 30	68.70	129.4	26.4,26.4
40	124.6	122.9	121.5	121.6	123.5	125.3	126.5	126.5	30- 40	83.54	213.0	43.5,43.5
50	102.5	100.4	98.78	98.95	101.2	103.4	104.9	104.7	40- 50	87.50	300.5	61.4,61.4
60	76.40	74.18	72.42	72.67	74.97	77.59	79.27	78.95	50- 60	79.67	380.1	77.6,77.6
70	47.34	44.93	43.19	43.47	45.10	48.72	50.57	50.03	60- 70	60.71	440.9	90,90
80	18.10	16.18	14.98	15.23	16.00	19.62	21.46	20.79	70- 80	33.70	474.6	96.9,96.9
90	0.1680	0.9150	1.044	0.8805	0.1571	1.440	2.155	2.020	80- 90	8.446	483.0	98.7,98.7
100	0.3897	0.4279	0.4682	0.4396	0.3547	0.3357	0.3496	0.3283	90-100	0.5370	483.5	98.8,98.8
110	0.7298	0.7395	0.7627	0.7605	0.6497	0.5974	0.5803	0.5805	100-110	0.5520	484.1	98.9,98.9
120	1.075	1.046	1.069	1.074	0.9660	0.8829	0.8656	0.8658	110-120	0.8153	484.9	99,99
130	1.377	1.327	1.336	1.362	1.249	1.161	1.127	1.135	120-130	1.001	485.9	99.3,99.3
140	1.622	1.565	1.562	1.602	1.496	1.409	1.360	1.375	130-140	1.067	487.0	99.5,99.5
150	1.815	1.772	1.764	1.802	1.687	1.623	1.555	1.593	140-150	1.004	488.0	99.7,99.7
160	1.972	1.946	1.970	1.962	1.870	1.818	1.790	1.803	150-160	0.8288	488.8	99.8,99.8
170	2.124	2.115	2.154	2.119	2.072	2.042	2.040	2.029	160-170	0.5596	489.4	100,100
180	2.281	2.272	2.296	2.278	2.284	2.272	2.299	2.278	170-180	0.2058	489.6	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 265.75 lm

%lum = 54.3%

%lamp = 54.3%

Conical surface Flux(120deg): 380.14 lm

%lum = 77.6%

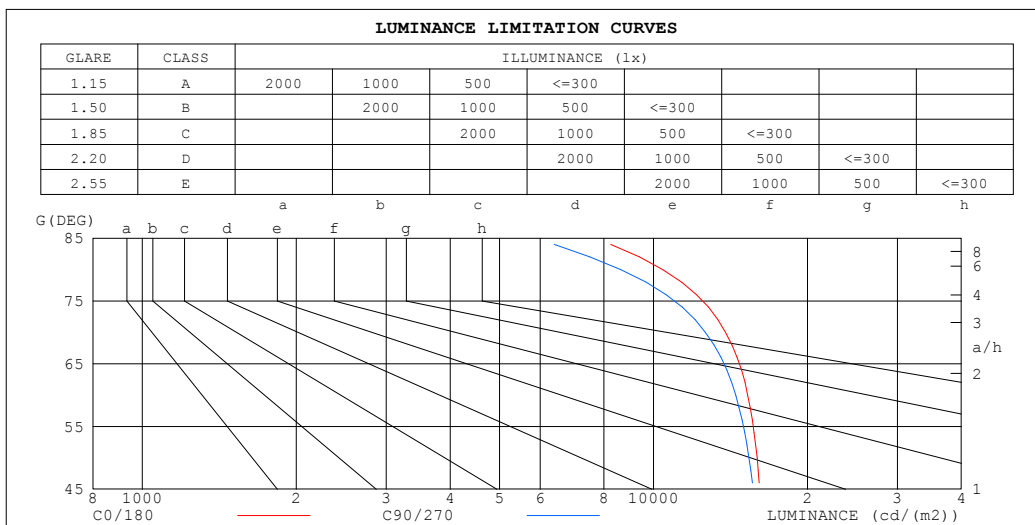
%lamp = 77.6%

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.: 202-00312	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.01*0.5	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	9879	7667
80	10418	8632
75	13646	12122
70	13839	12632
65	15414	14428
60	15277	14489
55	16118	15454
50	15946	15374
45	16445	15972

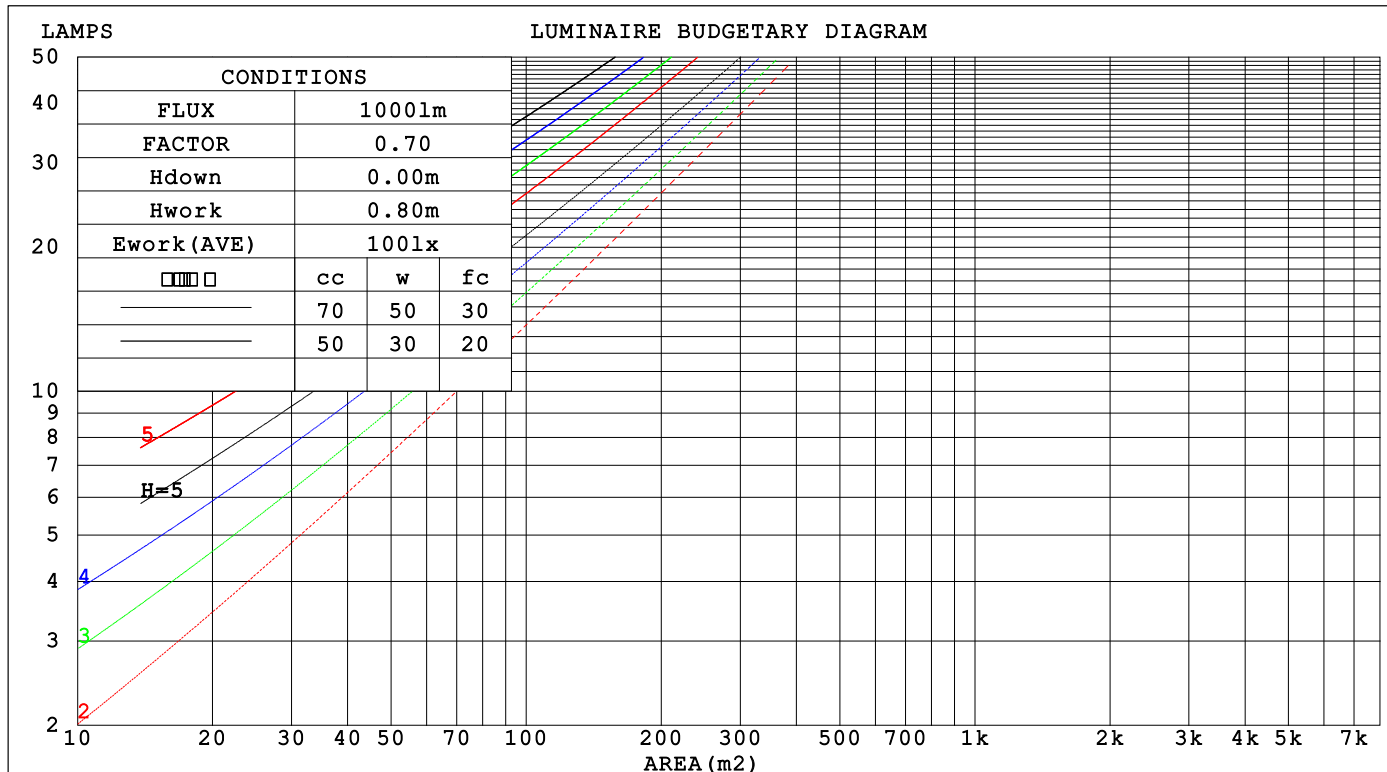
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-03-16

☐ 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.: 202-00312	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	.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	.35	.33
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.: 202-00312	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	.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	.234	.129	.040		
4.0	.249	.130	.038	.244	.128	.038	.234	.124	.037	.225	.121	.036	.217	.118	.036		
5.0	.231	.117	.034	.226	.116	.034	.217	.113	.033	.209	.110	.033	.202	.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	.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	.166	.145	.163	.143	.125	.112	.098	.086	.064	.057	.050	.021	.018	.016		
2.0	.183	.142	.108	.156	.122	.094	.107	.085	.065	.062	.049	.038	.020	.016	.012		
3.0	.175	.125	.085	.150	.108	.073	.103	.075	.052	.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	.070	.034	.083	.049	.024	.048	.029	.014	.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	.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:2022-03-16

☐ 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.: 202-00312					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	24.9	26.4	25.2	26.6	26.8	24.7	26.2	25.0	26.4	26.6
	3H	26.4	27.8	26.7	28.0	28.3	26.1	27.5	26.4	27.7	28.0
	4H	27.0	28.3	27.3	28.6	28.9	26.6	27.9	26.9	28.2	28.5
	6H	27.3	28.6	27.7	28.9	29.2	26.9	28.1	27.2	28.4	28.7
	8H	27.4	28.6	27.8	28.9	29.2	26.9	28.1	27.3	28.4	28.8
	12H	27.4	28.6	27.8	28.9	29.2	26.9	28.1	27.3	28.4	28.7
4H	2H	25.4	26.8	25.8	27.0	27.3	25.3	26.6	25.6	26.9	27.2
	3H	27.1	28.3	27.5	28.6	28.9	26.9	28.0	27.3	28.4	28.7
	4H	27.8	28.9	28.2	29.2	29.6	27.5	28.6	27.9	28.9	29.3
	6H	28.3	29.2	28.7	29.6	30.0	27.9	28.8	28.3	29.2	29.6
	8H	28.4	29.3	28.8	29.7	30.1	28.0	28.8	28.4	29.2	29.6
	12H	28.5	29.3	28.9	29.7	30.1	28.0	28.8	28.4	29.2	29.6
8H	4H	28.0	28.9	28.5	29.3	29.7	27.7	28.6	28.2	29.0	29.4
	6H	28.6	29.3	29.1	29.8	30.2	28.2	29.0	28.7	29.4	29.8
	8H	28.8	29.4	29.3	29.9	30.4	28.4	29.0	28.8	29.5	29.9
	12H	28.9	29.5	29.4	29.9	30.4	28.4	29.0	28.9	29.5	30.0
12H	4H	28.0	28.8	28.5	29.2	29.7	27.7	28.5	28.2	28.9	29.4
	6H	28.6	29.3	29.1	29.7	30.2	28.3	28.9	28.7	29.3	29.8
	8H	28.8	29.4	29.3	29.9	30.4	28.4	29.0	28.9	29.4	30.0
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 0.1 / - 0.2					+ 0.2 / - 0.2				
1.5H		+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H		+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 489.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.5)
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.: 202-00312	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.01*0.5	Shielding Angle:

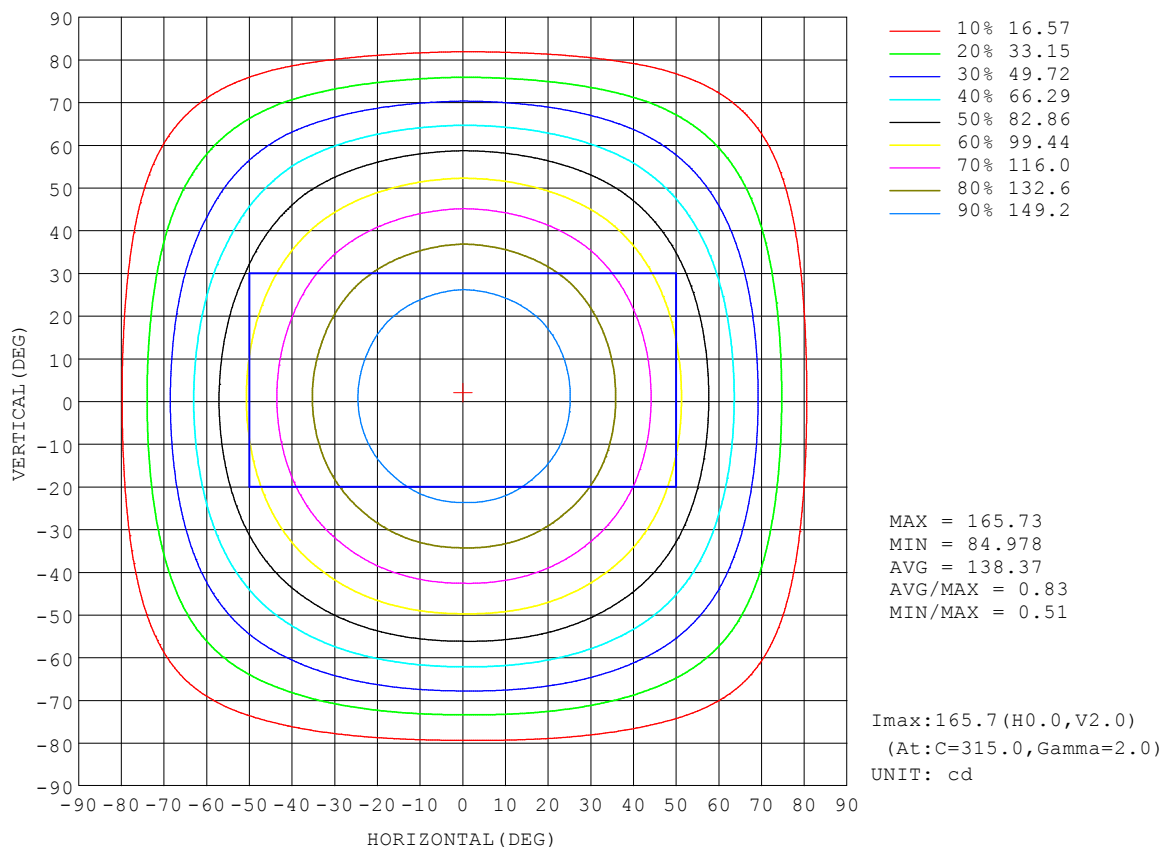
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) k(RI) x RCR = 5									
k = 0.60	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	64	56	72	65	56	49
1.25	82	72	65	81	71	64	78	70	63	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	94	86	79	93	85	79	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 120LED 24V	WEIGHT:
SPEC.: 202-00312	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.01*0.5	Shielding Angle:

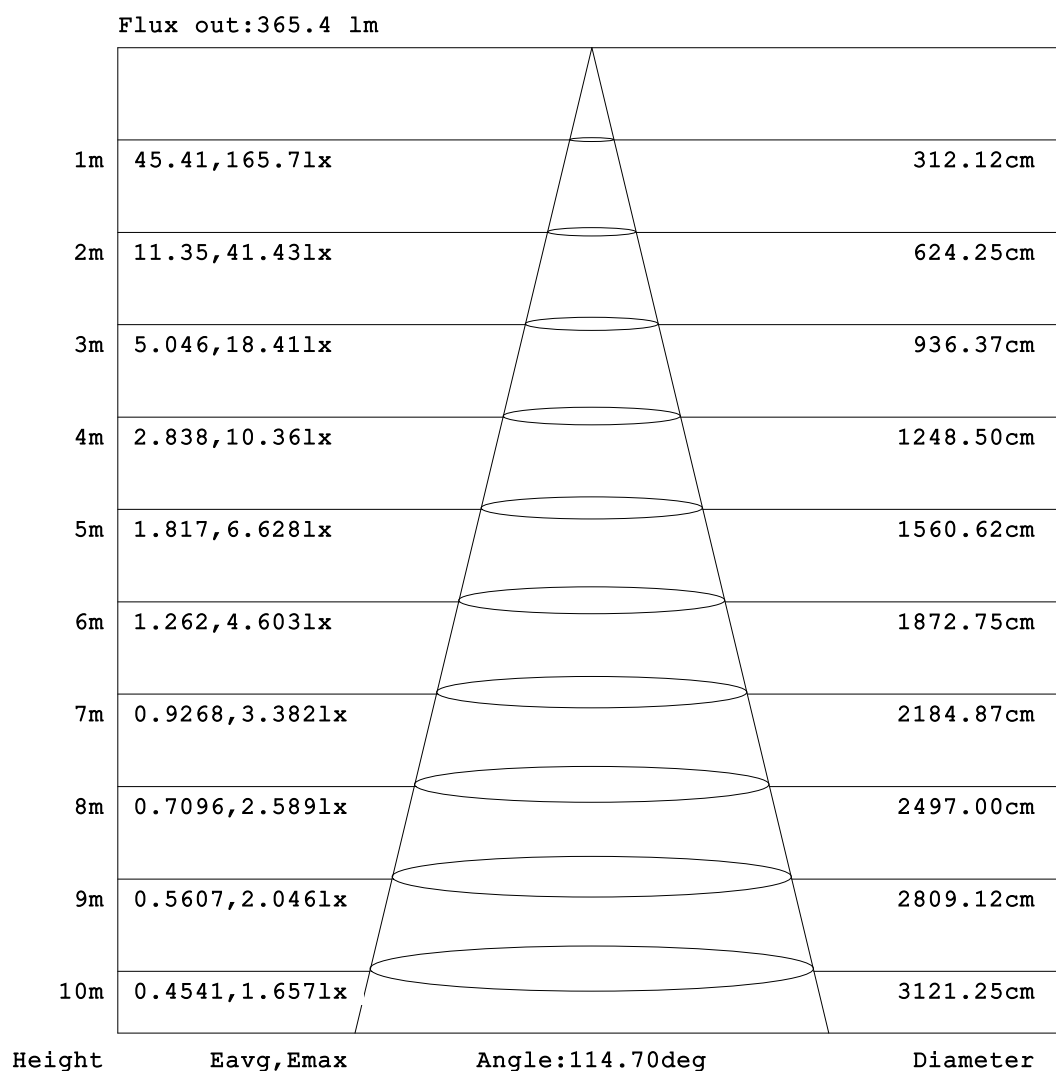


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-03-16

☐ 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.: 202-00312	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.01*0.5	Shielding Angle:



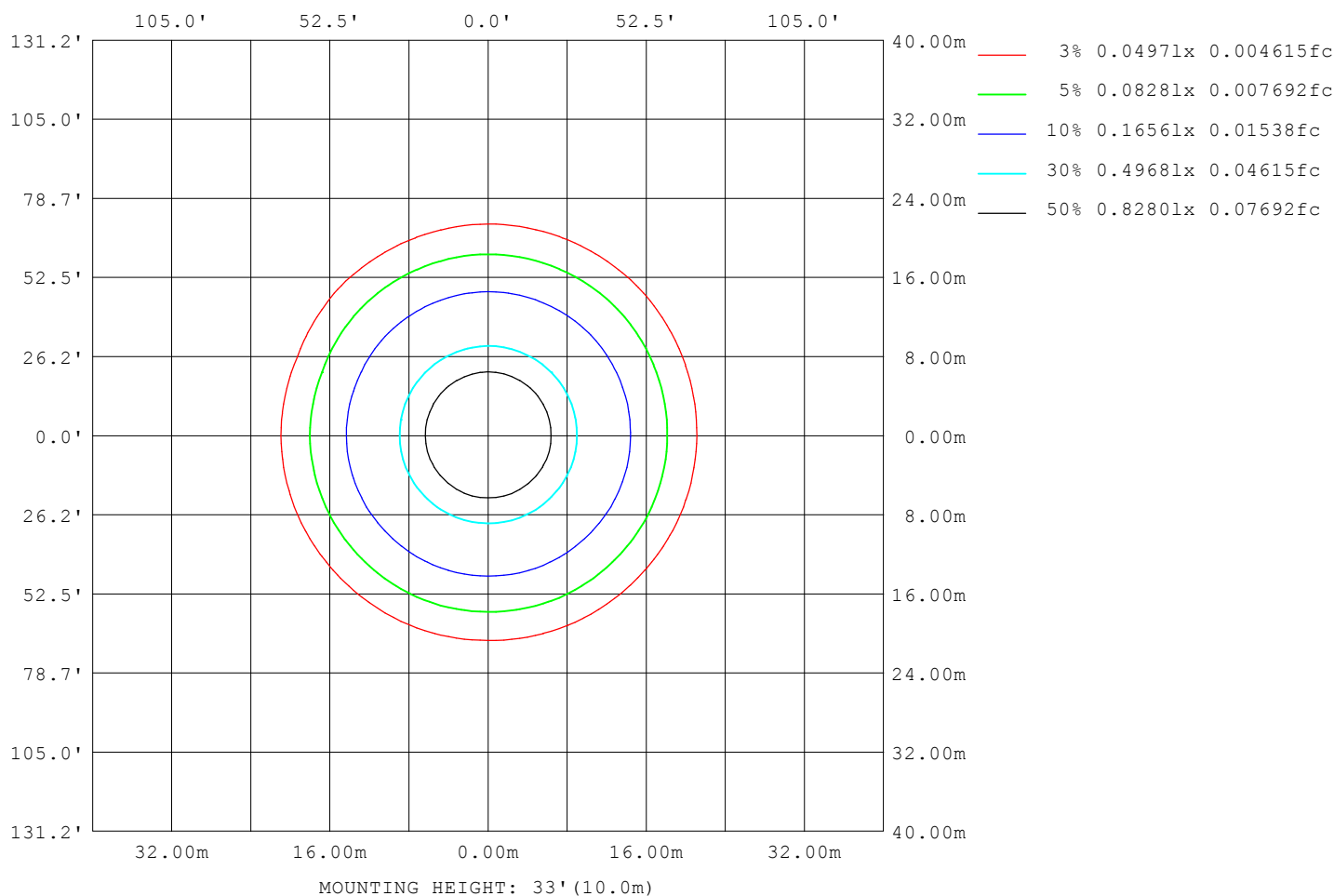
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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.: 202-00312	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.: 202-00312	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.01*0.5	Shielding Angle:

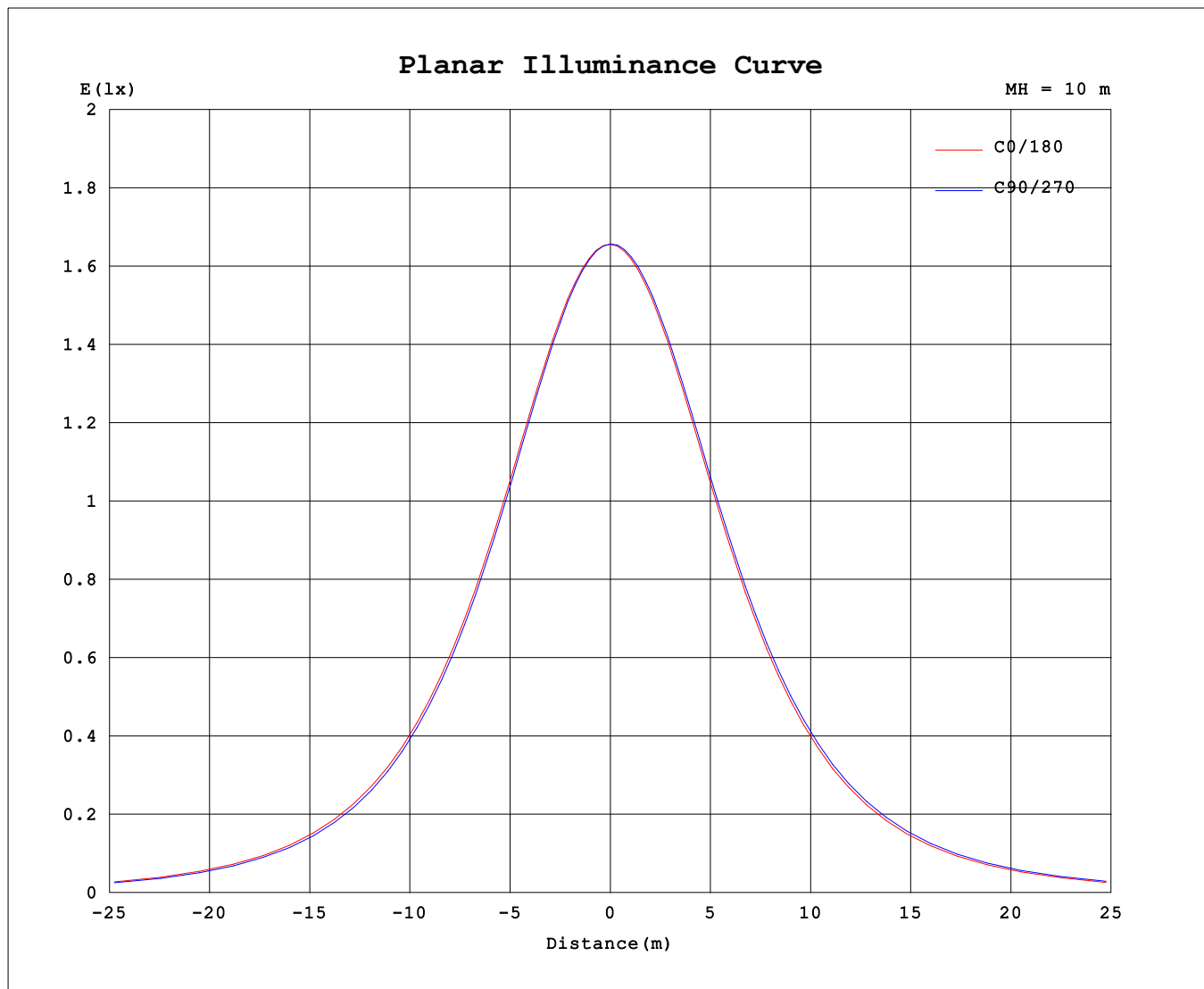
AvgL	cd/m2
L_0~180 (65) av	14540
L_0~180 (75) av	12045
L_0~180 (85) av	6832
L_90~270 (65) av	14582
L_90~270 (75) av	12400
L_90~270 (85) av	8383
L_45 (65) av	14575
L_45 (75) av	12338
L_45 (85) av	7873

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 120LED 24V	WEIGHT:
SPEC.: 202-00312	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	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166	166			
5	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165			
10	163	163	163	162	162	162	162	163	163	163	163	163	164	164	164	163			
15	161	160	160	160	159	159	159	160	160	160	161	161	161	161	161	161			
20	155	155	154	154	154	154	154	154	155	155	156	156	156	156	156	156			
25	151	150	150	149	149	149	149	149	150	150	151	151	152	152	152	151			
30	142	142	141	141	140	140	140	141	142	142	143	143	144	144	144	143			
35	136	135	134	134	133	133	133	134	135	135	136	137	137	137	137	137			
40	125	124	123	122	121	122	122	123	124	124	125	126	127	126	126	126			
45	116	116	114	114	113	113	113	114	115	116	117	117	118	118	118	117			
50	103	102	100	99.8	98.8	99.0	98.9	100	101	102	103	104	105	105	105	104			
55	92.5	91.9	90.3	89.7	88.6	88.9	88.8	90.1	91.1	91.9	93.5	94.1	95.0	94.8	94.8	93.5			
60	76.4	75.8	74.2	73.4	72.4	72.6	72.7	73.9	75.0	74.6	77.6	78.3	79.3	79.0	78.9	77.5			
65	65.2	64.3	62.8	62.0	61.0	61.1	61.2	62.5	63.6	62.6	66.4	67.1	68.1	67.9	67.7	66.3			
70	47.3	46.5	44.9	44.2	43.2	43.4	43.5	44.7	45.1	45.8	48.7	49.6	50.6	50.3	50.0	48.5			
75	35.3	34.5	33.0	32.3	31.4	31.5	31.7	32.8	33.0	34.4	36.8	37.7	38.7	38.4	38.1	36.5			
80	18.1	17.4	16.2	15.7	15.0	15.2	15.2	16.0	16.0	17.6	19.6	20.5	21.5	21.2	20.8	19.2			
85	8.61	8.09	7.31	7.09	6.68	6.80	6.73	7.29	6.97	8.10	9.86	10.7	11.5	11.4	10.9	9.60			
90	0.17	0.89	0.91	1.03	1.04	1.03	0.88	0.76	0.16	0.95	1.44	1.80	2.15	2.17	2.02	1.50			
95	0.23	0.27	0.36	0.44	0.50	0.48	0.39	0.28	0.22	0.26	0.38	0.45	0.48	0.54	0.53	0.37			
100	0.39	0.40	0.43	0.45	0.47	0.46	0.44	0.43	0.35	0.34	0.34	0.34	0.35	0.34	0.33	0.32			
105	0.52	0.52	0.55	0.56	0.57	0.57	0.57	0.55	0.47	0.44	0.43	0.43	0.43	0.42	0.41	0.42			
110	0.73	0.71	0.74	0.75	0.76	0.76	0.76	0.74	0.65	0.61	0.60	0.59	0.58	0.58	0.58	0.59			
115	0.87	0.84	0.86	0.88	0.88	0.89	0.88	0.87	0.78	0.73	0.72	0.70	0.70	0.69	0.70	0.71			
120	1.07	1.03	1.05	1.06	1.07	1.07	1.07	1.07	0.97	0.91	0.88	0.87	0.87	0.86	0.87	0.88			
125	1.20	1.15	1.16	1.17	1.18	1.19	1.19	1.19	1.08	1.03	0.99	0.98	0.97	0.97	0.98	1.00			
130	1.38	1.33	1.33	1.33	1.34	1.35	1.36	1.36	1.25	1.21	1.16	1.14	1.13	1.13	1.13	1.17			
135	1.49	1.44	1.42	1.43	1.43	1.46	1.46	1.47	1.35	1.31	1.27	1.24	1.23	1.23	1.24	1.28			
140	1.62	1.59	1.57	1.55	1.56	1.60	1.60	1.61	1.50	1.45	1.41	1.38	1.36	1.36	1.37	1.43			
145	1.70	1.68	1.65	1.64	1.64	1.69	1.69	1.69	1.57	1.53	1.50	1.47	1.44	1.45	1.47	1.52			
150	1.81	1.80	1.77	1.75	1.76	1.80	1.80	1.80	1.69	1.65	1.62	1.60	1.55	1.57	1.59	1.64			
155	1.88	1.86	1.85	1.83	1.85	1.88	1.87	1.87	1.76	1.73	1.70	1.69	1.65	1.65	1.68	1.72			
160	1.97	1.96	1.95	1.93	1.97	1.97	1.96	1.96	1.87	1.84	1.82	1.81	1.79	1.78	1.80	1.84			
165	2.03	2.03	2.01	1.99	2.05	2.03	2.02	2.02	1.95	1.92	1.90	1.90	1.89	1.86	1.89	1.93			
170	2.12	2.12	2.11	2.11	2.15	2.13	2.12	2.13	2.07	2.05	2.04	2.03	2.04	2.01	2.03	2.06			
175	2.19	2.19	2.19	2.19	2.22	2.20	2.19	2.20	2.16	2.15	2.14	2.14	2.15	2.12	2.13	2.16			
180	2.28	2.27	2.27	2.28	2.30	2.28	2.28	2.29	2.28	2.27	2.27	2.28	2.30	2.28	2.28	2.29			

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