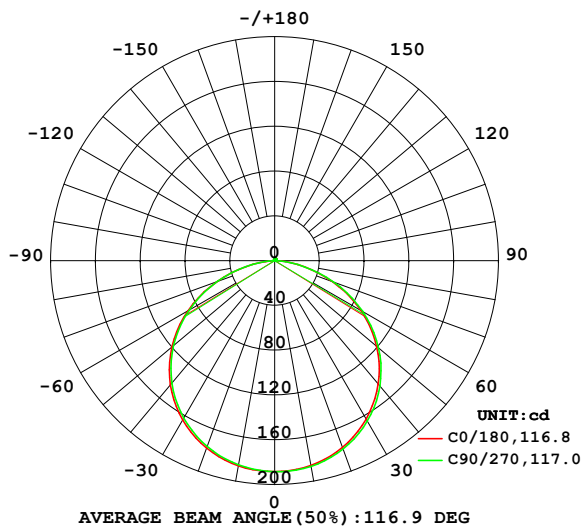


LUMINAIRE PHOTOMETRIC TEST REPORT

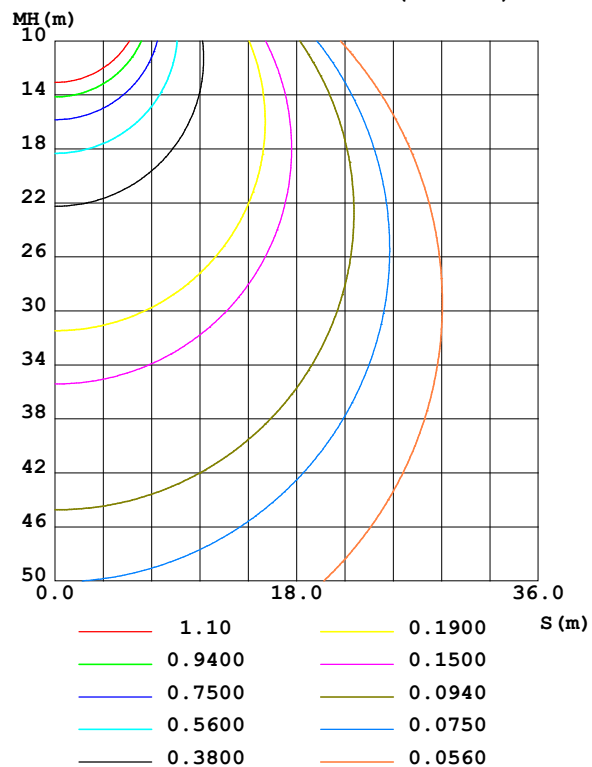
NAME: 2835 IP20	TYPE: 2835 140LED 24V	WEIGHT:
SPEC.: 202-50020-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.008*0.5	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 110.74 lm/W
MODEL	6500K	I _{max} (cd)	188.5	S/MH(C0/180)	1.30	
NOMINAL POWER(W)	4.8	LOR(%)	100.0	S/MH(C90/270)	1.28	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	569.50	□ UP,DN(C0-180)	0.7,49.8	
NOMINAL FLUX(lm)	8.13578	CIE CLASS	DIRECT	□ UP,DN(C180-360)	0.6,48.9	
LAMPS INSIDE	70	□ up (%)	1.3	CIBSE SHR NOM	1.50	
TEST VOLTAGE(V)	24	□ down (%)	98.7	CIBSE SHR MAX	1.50	

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	185.8	186.3	186.6	186.6	186.2	185.7	185.3	185.4	0- 10	17.88	17.88	3.14,3.14
20	177.4	178.4	179.0	179.0	178.1	177.2	176.5	176.7	10- 20	51.57	69.45	12.2,12.2
30	163.5	164.9	165.6	165.5	164.4	163.2	162.4	162.5	20- 30	79.12	148.6	26.1,26.1
40	144.0	145.5	146.3	146.2	145.0	144.1	142.7	142.8	30- 40	96.94	245.5	43.1,43.1
50	119.0	120.4	121.2	121.1	119.7	118.6	117.9	118.0	40- 50	102.3	347.8	61.1,61.1
60	88.88	90.16	90.84	90.71	89.23	88.46	88.02	88.05	50- 60	93.75	441.6	77.5,77.5
70	54.79	55.65	56.07	55.98	54.59	54.27	54.18	54.17	60- 70	71.62	513.2	90.1,90.1
80	21.04	21.15	21.20	21.18	19.54	20.31	20.48	20.52	70- 80	39.51	552.7	97,97
90	0.2002	0.6897	0.5428	0.6296	0.1717	0.5696	0.5713	0.5574	80- 90	9.361	562.0	98.7,98.7
100	0.4807	0.4659	0.4750	0.4679	0.4052	0.4047	0.4279	0.4020	90-100	0.4136	562.5	98.8,98.8
110	0.8784	0.8322	0.8336	0.8315	0.7554	0.7306	0.7393	0.7348	100-110	0.6525	563.1	98.9,98.9
120	1.276	1.196	1.192	1.202	1.127	1.066	1.077	1.075	110-120	0.9577	564.1	99,99
130	1.626	1.517	1.506	1.535	1.456	1.394	1.379	1.391	120-130	1.175	565.2	99.3,99.3
140	1.898	1.796	1.768	1.820	1.729	1.673	1.637	1.655	130-140	1.247	566.5	99.5,99.5
150	2.098	2.031	2.003	2.056	1.949	1.901	1.849	1.895	140-150	1.168	567.7	99.7,99.7
160	2.270	2.229	2.248	2.239	2.151	2.113	2.094	2.106	150-160	0.9590	568.6	99.8,99.8
170	2.441	2.426	2.457	2.429	2.375	2.355	2.365	2.349	160-170	0.6452	569.3	100,100
180	2.615	2.605	2.640	2.617	2.613	2.605	2.640	2.617	170-180	0.2367	569.5	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 307.12 lm

%lum = 53.9%

%lamp = 53.9%

Conical surface Flux(120deg): 441.56 lm

%lum = 77.5%

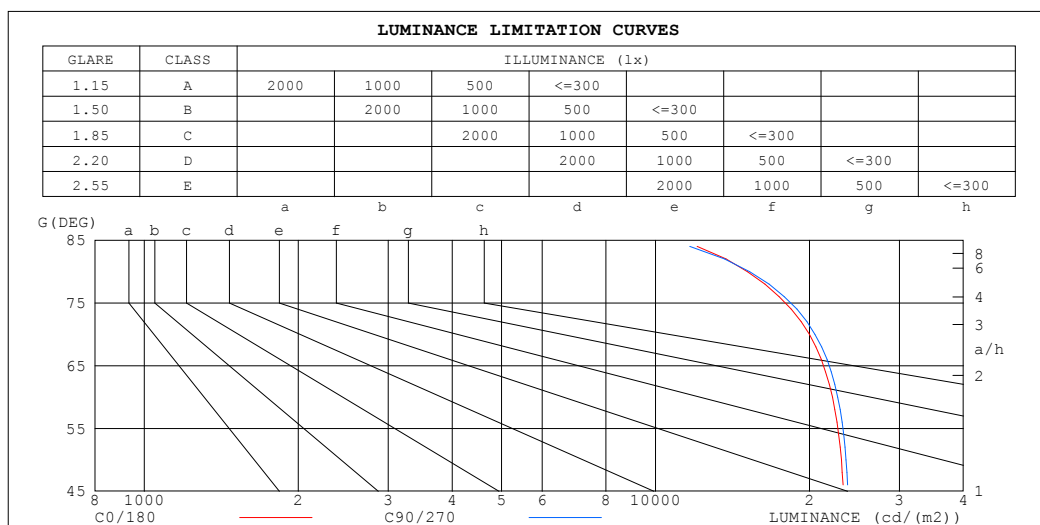
%lamp = 77.5%

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 140LED 24V	WEIGHT:
SPEC.: 202-50020-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.008*0.5	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	14460	13991
80	15122	15271
75	19638	20132
70	19995	20509
65	22305	22884
60	22186	22728
55	23386	23927
50	23097	23589
45	23750	24230

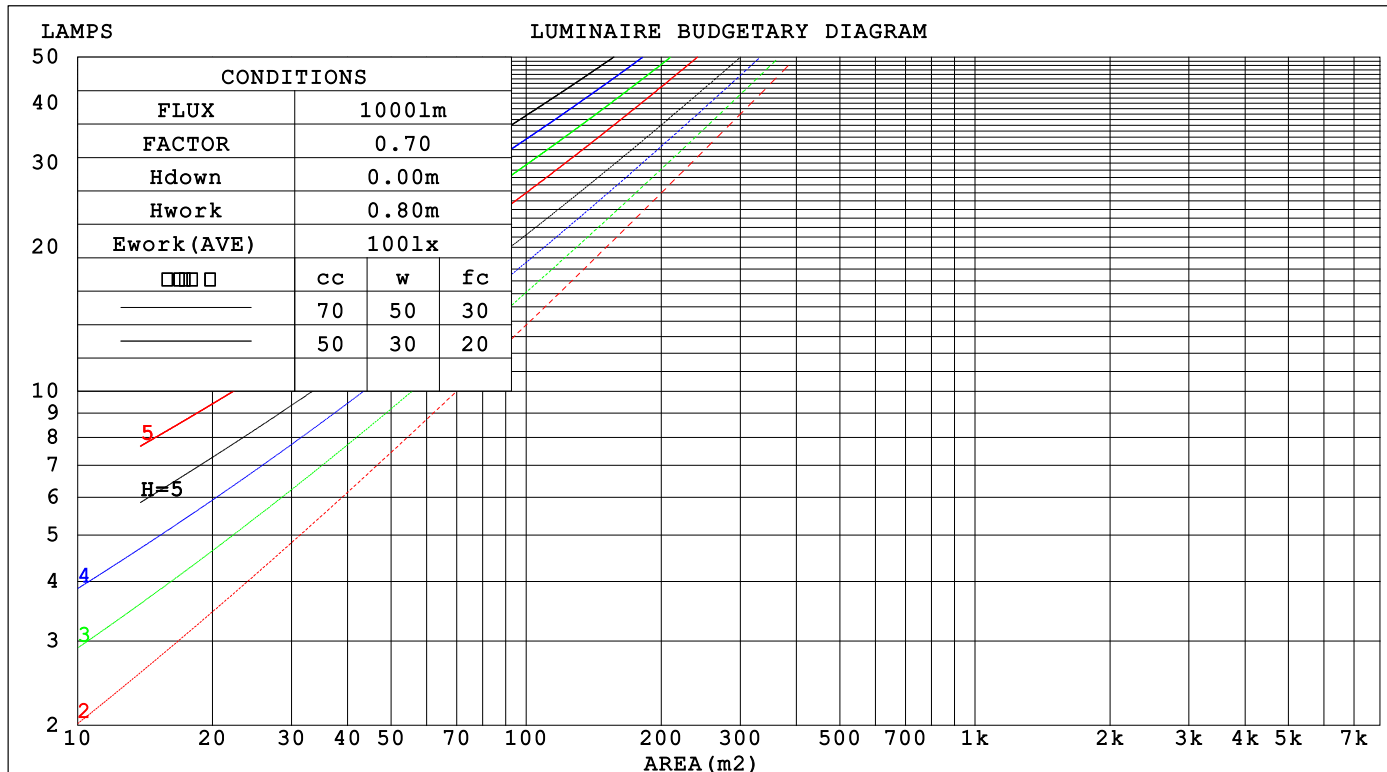
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-03-16

☐ 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 140LED 24V	WEIGHT:
SPEC.: 202-50020-00	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	.77	.88	.82	.76	.84	.79	.74	.81	.76	.73	.78	.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	.58	.53	.63	.57	.52	.61	.55	.51	.49
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.45	.57	.50	.45	.55	.49	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.40	.51	.44	.39	.49	.43	.39	.37
7.0	.51	.42	.36	.50	.41	.35	.48	.40	.35	.46	.40	.35	.45	.39	.34	.32
8.0	.46	.38	.32	.45	.37	.31	.44	.36	.31	.43	.36	.31	.41	.35	.31	.29
9.0	.42	.34	.28	.42	.34	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23



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

□ 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 140LED 24V	WEIGHT:
SPEC.: 202-50020-00	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	.176	.056	.302	.172	.055	.288	.165	.053	.275	.158	.051	.263	.152	.049		
2.0	.292	.160	.049	.286	.157	.048	.273	.152	.047	.262	.147	.046	.251	.142	.045		
3.0	.271	.144	.043	.265	.142	.043	.254	.138	.042	.244	.134	.041	.234	.130	.040		
4.0	.250	.130	.038	.245	.128	.038	.235	.125	.037	.226	.121	.037	.218	.118	.036		
5.0	.231	.118	.034	.227	.116	.034	.218	.113	.033	.210	.111	.033	.202	.108	.032		
6.0	.214	.108	.031	.210	.106	.031	.203	.104	.030	.195	.101	.030	.188	.099	.029		
7.0	.200	.099	.028	.196	.098	.028	.189	.096	.028	.182	.093	.027	.176	.092	.027		
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.171	.087	.025	.165	.085	.025		
9.0	.175	.084	.024	.172	.084	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023		
10.0	.164	.079	.022	.161	.078	.022	.156	.077	.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	.200	.200	.200	.171	.171	.171	.117	.117	.117	.067	.067	.067	.021	.021	.021	
1.0	.190	.166	.144	.163	.143	.124	.111	.098	.086	.064	.057	.050	.021	.018	.016	
2.0	.182	.142	.108	.156	.122	.093	.107	.085	.065	.062	.049	.038	.020	.016	.012	
3.0	.175	.124	.084	.150	.107	.073	.103	.075	.051	.059	.044	.030	.019	.014	.010	
4.0	.167	.111	.068	.144	.096	.059	.099	.067	.042	.057	.039	.025	.018	.013	.008	
5.0	.160	.101	.057	.137	.087	.050	.095	.061	.035	.055	.036	.021	.018	.012	.007	
6.0	.153	.093	.049	.131	.080	.043	.091	.056	.030	.053	.033	.018	.017	.011	.006	
7.0	.146	.086	.043	.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	.035	.115	.065	.031	.080	.046	.022	.046	.027	.013	.015	.009	.004	
10.0	.128	.071	.033	.110	.061	.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 140LED 24V			WEIGHT:			
SPEC.: 202-50020-00					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	25.7	27.3	26.0	27.5	27.7	25.8	27.4	26.1	27.6	27.8	
	27.2	28.6	27.6	28.9	29.2	27.4	28.8	27.7	29.0	29.3	
	27.8	29.1	28.1	29.4	29.7	27.9	29.3	28.3	29.5	29.8	
	28.2	29.4	28.5	29.7	30.0	28.3	29.5	28.6	29.8	30.1	
	28.3	29.5	28.6	29.8	30.1	28.4	29.6	28.7	29.9	30.2	
	28.3	29.4	28.7	29.8	30.1	28.4	29.5	28.8	29.9	30.2	
4H	2H	26.4	27.7	26.7	28.0	28.3	26.4	27.8	26.8	28.0	28.3
	3H	28.0	29.2	28.4	29.5	29.9	28.1	29.3	28.5	29.6	30.0
	4H	28.7	29.8	29.1	30.1	30.5	28.8	29.9	29.2	30.2	30.6
	6H	29.2	30.1	29.6	30.5	30.9	29.3	30.2	29.7	30.6	31.0
	8H	29.3	30.2	29.8	30.6	31.0	29.4	30.3	29.9	30.7	31.1
	12H	29.4	30.2	29.8	30.6	31.0	29.5	30.3	29.9	30.7	31.1
8H	4H	29.0	29.8	29.4	30.2	30.6	29.1	29.9	29.5	30.3	30.7
	6H	29.6	30.3	30.0	30.7	31.2	29.7	30.4	30.1	30.8	31.3
	8H	29.8	30.4	30.2	30.9	31.3	29.8	30.5	30.3	30.9	31.4
	12H	29.9	30.4	30.4	30.9	31.4	29.9	30.5	30.4	31.0	31.5
12H	4H	29.0	29.8	29.4	30.2	30.6	29.1	29.9	29.5	30.3	30.7
	6H	29.6	30.2	30.1	30.7	31.2	29.7	30.3	30.2	30.8	31.3
	8H	29.8	30.4	30.3	30.9	31.4	29.9	30.5	30.4	30.9	31.4
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, 569.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.0)
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 140LED 24V	WEIGHT:
SPEC.: 202-50020-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.008*0.5	Shielding Angle:

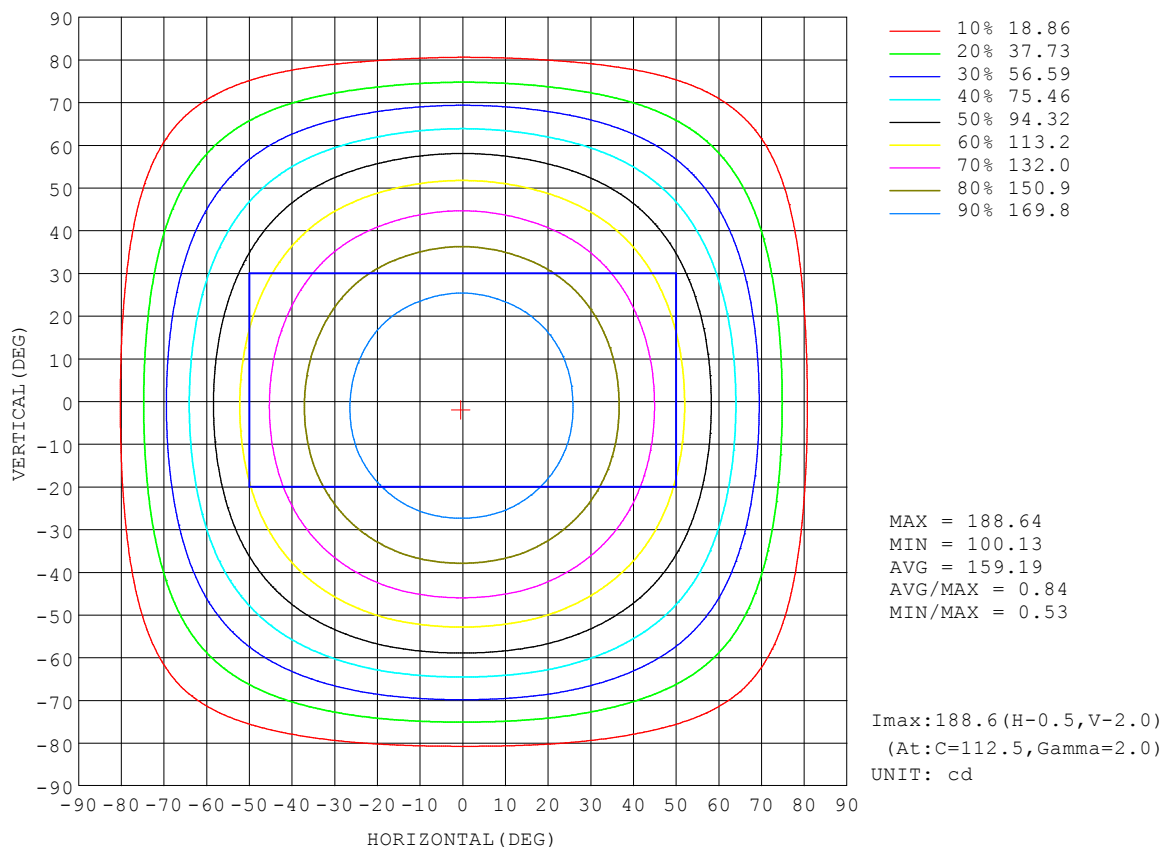
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	37	31
0.80	67	55	47	66	54	47	64	54	47	40
1.00	75	64	57	74	63	56	71	65	56	48
1.25	82	72	64	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	91	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	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 140LED 24V	WEIGHT:
SPEC.: 202-50020-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.008*0.5	Shielding Angle:

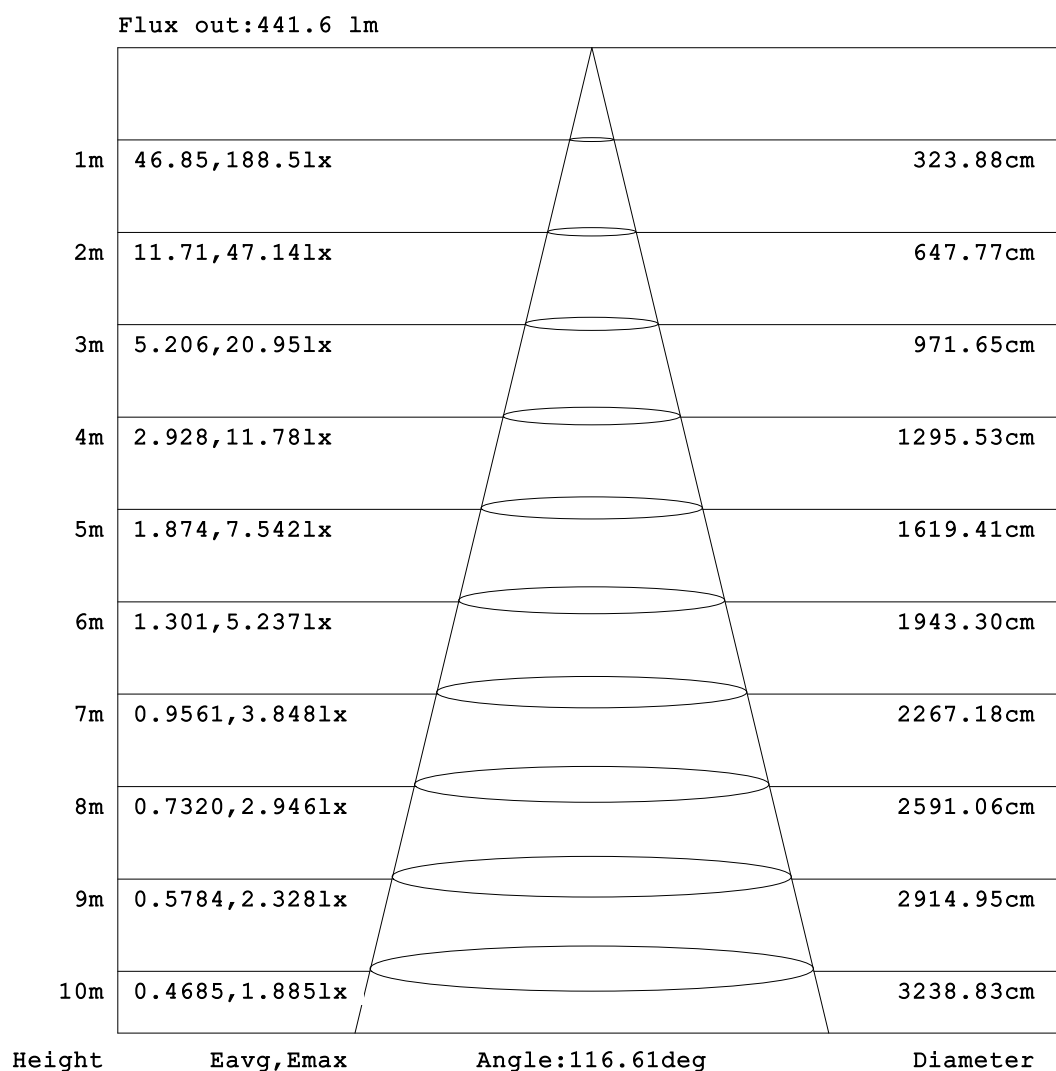


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-03-16

☐ 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 140LED 24V	WEIGHT:
SPEC.: 202-50020-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.008*0.5	Shielding Angle:



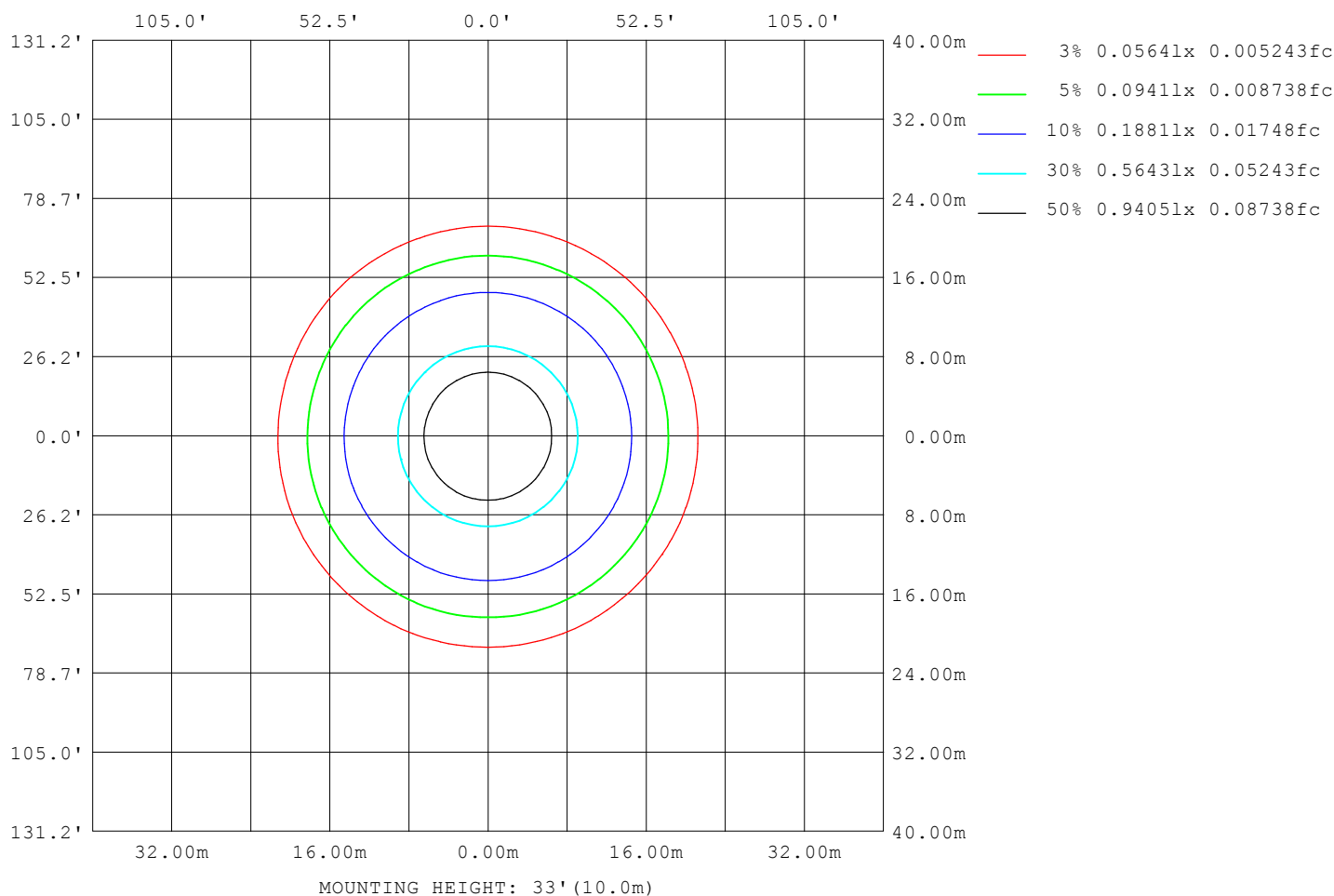
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 140LED 24V	WEIGHT:
SPEC.: 202-50020-00	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 140LED 24V	WEIGHT:
SPEC.: 202-50020-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.008*0.5	Shielding Angle:

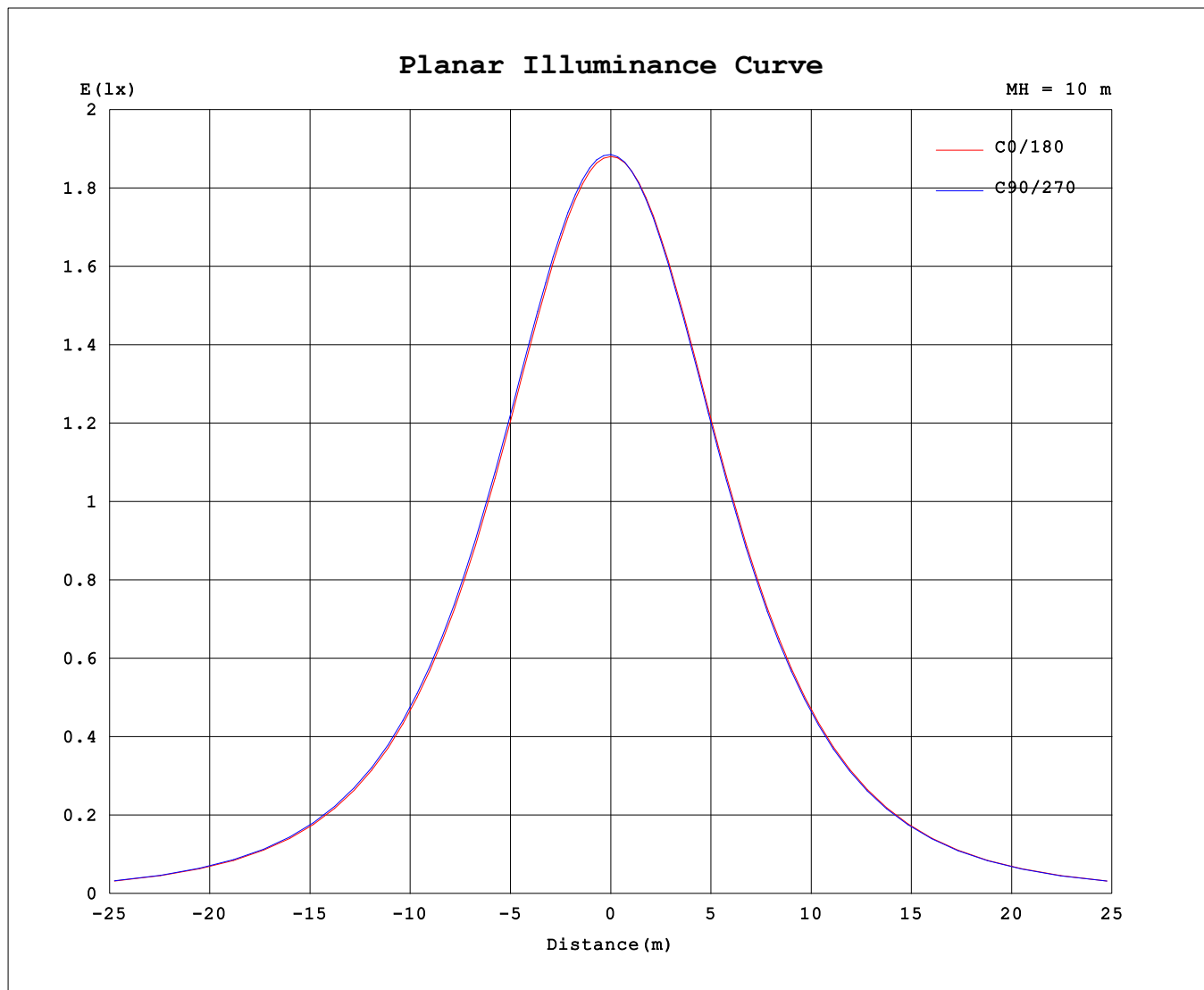
AvgL	cd/m2
L_0~180 (65) av	21369
L_0~180 (75) av	17902
L_0~180 (85) av	9963
L_90~270 (65) av	21497
L_90~270 (75) av	18075
L_90~270 (85) av	10408
L_45 (65) av	21462
L_45 (75) av	18014
L_45 (85) av	11051

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 140LED 24V	WEIGHT:
SPEC.: 202-50020-00	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	188	188	188	188	188	188	188	188	188	188	188	188	188	188	188	188			
5	188	188	188	188	188	188	188	188	188	188	188	188	188	188	188	188			
10	186	186	186	187	187	187	187	186	186	186	186	185	185	185	185	186			
15	183	184	184	184	184	184	184	184	184	183	183	183	182	182	183	183			
20	177	178	178	179	179	179	179	179	178	178	177	177	177	176	177	177			
25	173	173	174	174	174	175	174	174	173	173	172	172	172	171	172	172			
30	163	164	165	166	166	166	166	165	164	164	163	162	162	162	162	163			
35	156	157	158	159	159	159	159	158	157	156	156	155	155	155	155	156			
40	144	145	146	146	146	147	146	146	145	144	144	143	143	143	143	143			
45	135	136	136	137	137	137	137	136	136	134	134	133	133	133	134	134			
50	119	120	120	121	121	122	121	121	120	119	119	118	118	118	118	118			
55	107	109	109	110	110	110	110	109	108	107	107	106	107	106	107	107			
60	88.9	89.9	90.2	91.0	90.8	91.2	90.7	90.3	89.2	88.4	88.5	87.8	88.0	87.7	88.0	88.1			
65	75.5	76.6	76.6	77.6	77.3	77.8	77.2	76.8	75.8	74.9	75.2	74.5	74.9	74.4	74.9	74.8			
70	54.8	55.6	55.7	56.4	56.1	56.5	56.0	55.6	54.6	54.0	54.3	53.8	54.2	54.0	54.2	54.1			
75	40.7	41.3	41.3	41.9	41.7	41.9	41.6	41.2	40.4	39.7	40.2	39.7	40.2	39.9	40.2	40.0			
80	21.0	21.4	21.1	21.5	21.2	21.4	21.2	21.2	19.5	20.1	20.3	20.0	20.5	20.3	20.5	20.4			
85	10.1	10.4	10.2	10.2	9.75	10.1	10.2	10.1	8.21	9.38	9.64	9.26	9.43	9.46	9.88	9.85			
90	0.20	0.68	0.69	0.65	0.54	0.61	0.63	0.60	0.17	0.49	0.57	0.54	0.57	0.54	0.56	0.51			
95	0.28	0.28	0.35	0.37	0.36	0.39	0.37	0.31	0.25	0.25	0.34	0.36	0.35	0.36	0.34	0.25			
100	0.48	0.46	0.47	0.47	0.47	0.60	0.47	0.47	0.41	0.40	0.40	0.41	0.43	0.41	0.40	0.40			
105	0.64	0.61	0.61	0.61	0.62	0.76	0.61	0.61	0.53	0.52	0.53	0.53	0.53	0.53	0.53	0.52			
110	0.88	0.83	0.83	0.83	0.83	0.91	0.83	0.83	0.76	0.72	0.73	0.74	0.74	0.74	0.73	0.73			
115	1.04	0.99	0.98	0.98	0.98	0.98	0.98	0.99	0.90	0.86	0.86	0.87	0.87	0.87	0.87	0.86			
120	1.28	1.21	1.20	1.19	1.19	1.20	1.20	1.21	1.13	1.08	1.07	1.08	1.08	1.08	1.07	1.08			
125	1.43	1.35	1.33	1.32	1.33	1.33	1.34	1.36	1.27	1.22	1.20	1.20	1.20	1.20	1.21	1.21			
130	1.63	1.56	1.52	1.51	1.51	1.53	1.54	1.57	1.46	1.42	1.39	1.38	1.38	1.39	1.39	1.41			
135	1.74	1.68	1.63	1.62	1.62	1.64	1.65	1.69	1.57	1.54	1.51	1.50	1.49	1.50	1.50	1.54			
140	1.90	1.84	1.80	1.77	1.77	1.81	1.82	1.85	1.73	1.70	1.67	1.66	1.64	1.65	1.65	1.70			
145	1.98	1.94	1.89	1.86	1.86	1.91	1.92	1.94	1.82	1.79	1.77	1.76	1.73	1.73	1.76	1.79			
150	2.10	2.07	2.03	2.00	2.00	2.05	2.06	2.07	1.95	1.92	1.90	1.90	1.85	1.87	1.89	1.93			
155	2.17	2.15	2.11	2.08	2.10	2.14	2.13	2.15	2.03	2.00	1.99	1.98	1.94	1.95	1.98	2.01			
160	2.27	2.26	2.23	2.20	2.25	2.25	2.24	2.25	2.15	2.13	2.11	2.12	2.09	2.08	2.11	2.14			
165	2.34	2.33	2.30	2.28	2.34	2.33	2.31	2.32	2.24	2.22	2.20	2.21	2.20	2.17	2.20	2.24			
170	2.44	2.44	2.43	2.42	2.46	2.44	2.43	2.45	2.37	2.36	2.36	2.36	2.36	2.33	2.35	2.38			
175	2.52	2.52	2.51	2.51	2.55	2.53	2.52	2.53	2.47	2.46	2.46	2.47	2.48	2.44	2.46	2.49			
180	2.62	2.61	2.60	2.61	2.64	2.61	2.62	2.63	2.61	2.61	2.60	2.62	2.64	2.62	2.62	2.63			

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