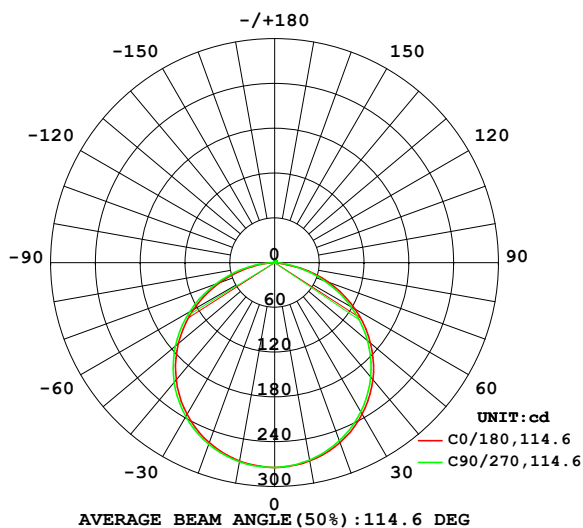


LUMINAIRE PHOTOMETRIC TEST REPORT

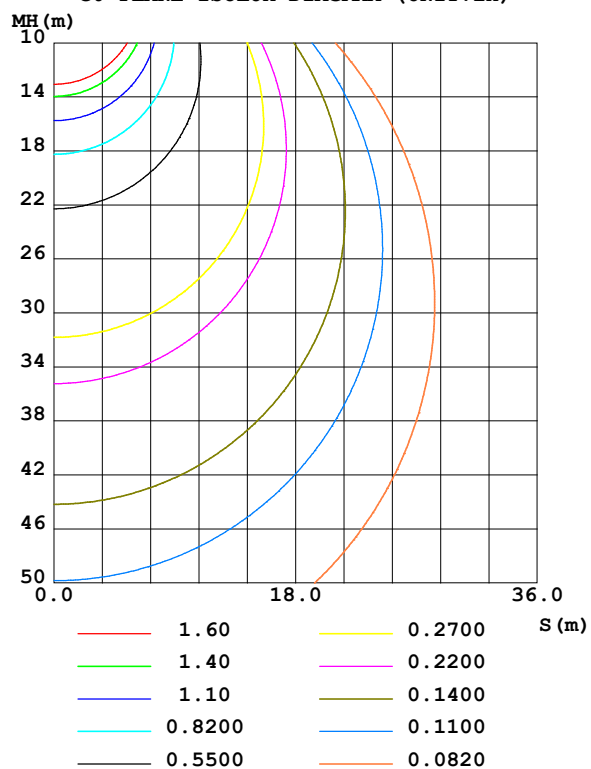
NAME: 2835 IP20	TYPE: 2835 160LED 24V	WEIGHT:
SPEC.: 202-10017-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.01*0.5	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 114.96 lm/W
MODEL	2700K	Imax (cd)	274.4	S/MH(C0/180)	1.27	
NOMINAL POWER(W)	7.2	LOR(%)	100.0	S/MH(C90/270)	1.29	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	807.81	<input type="checkbox"/> UP,DN(C0-180)	0.7,48.1	
NOMINAL FLUX(lm)	5.04882	CIE CLASS	DIRECT	<input type="checkbox"/> UP,DN(C180-360)	0.6,50.6	
LAMPS INSIDE	160	<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:2022-03-25

☐ 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	269.8	268.8	268.5	269.0	269.9	270.8	271.0	270.6	0- 10	25.97	25.97	3.21,3.21
20	256.4	254.5	253.9	254.8	256.5	258.3	258.7	258.0	10- 20	74.58	100.5	12.4,12.4
30	234.6	231.8	230.9	232.3	234.8	237.4	238.1	236.9	20- 30	113.6	214.2	26.5,26.5
40	204.8	201.2	200.2	202.0	205.2	208.7	209.5	207.9	30- 40	138.1	352.3	43.6,43.6
50	167.8	163.6	162.5	164.7	168.5	172.7	173.6	171.7	40- 50	144.5	496.7	61.5,61.5
60	124.4	119.6	118.7	121.2	125.6	130.4	131.6	129.0	50- 60	131.6	628.3	77.8,77.8
70	76.22	71.36	70.50	73.25	77.65	83.00	84.22	81.20	60- 70	100.3	728.6	90.2,90.2
80	15.86	24.27	23.88	26.21	29.83	34.71	35.94	32.91	70- 80	55.66	784.3	97.1,97.1
90	0.2553	0.7236	0.8580	1.038	0.2295	2.602	3.205	2.175	80- 90	13.02	797.3	98.7,98.7
100	0.6562	0.7230	0.7410	0.6953	0.5402	0.5026	0.5066	0.5181	90-100	0.6844	798.0	98.8,98.8
110	1.234	1.244	1.254	1.215	1.042	0.9382	0.9321	0.9527	100-110	0.8919	798.9	98.9,98.9
120	1.807	1.761	1.761	1.730	1.565	1.405	1.403	1.418	110-120	1.332	800.2	99.1,99.1
130	2.316	2.225	2.203	2.196	2.040	1.850	1.835	1.855	120-130	1.636	801.8	99.3,99.3
140	2.725	2.610	2.571	2.586	2.424	2.252	2.180	2.235	130-140	1.741	803.6	99.5,99.5
150	3.035	2.941	2.868	2.909	2.742	2.590	2.503	2.584	140-150	1.634	805.2	99.7,99.7
160	3.279	3.210	3.196	3.165	3.036	2.906	2.874	2.921	150-160	1.346	806.6	99.8,99.8
170	3.522	3.477	3.493	3.407	3.363	3.280	3.268	3.294	160-170	0.9077	807.5	100,100
180	3.740	3.687	3.729	3.681	3.735	3.696	3.724	3.697	170-180	0.3339	807.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 439.41 lm

%lum = 54.4%

%lamp = 54.4%

Conical surface Flux(120deg): 628.31 lm

%lum = 77.8%

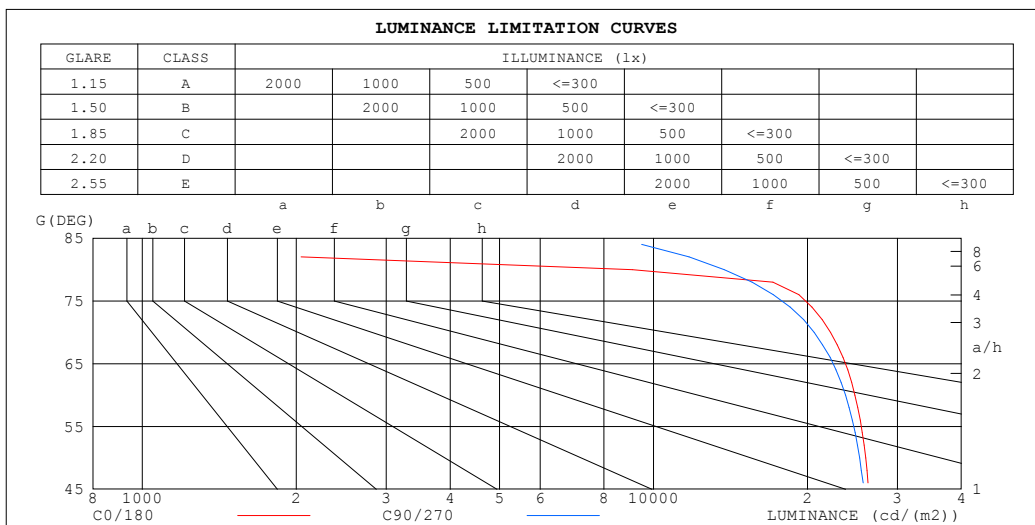
%lamp = 77.8%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-03-25

□ 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 160LED 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	313	11364
80	9097	13759
75	21736	19704
70	22189	20626
65	24878	23605
60	24780	23751
55	26240	25403
50	25994	25295
45	26870	26312

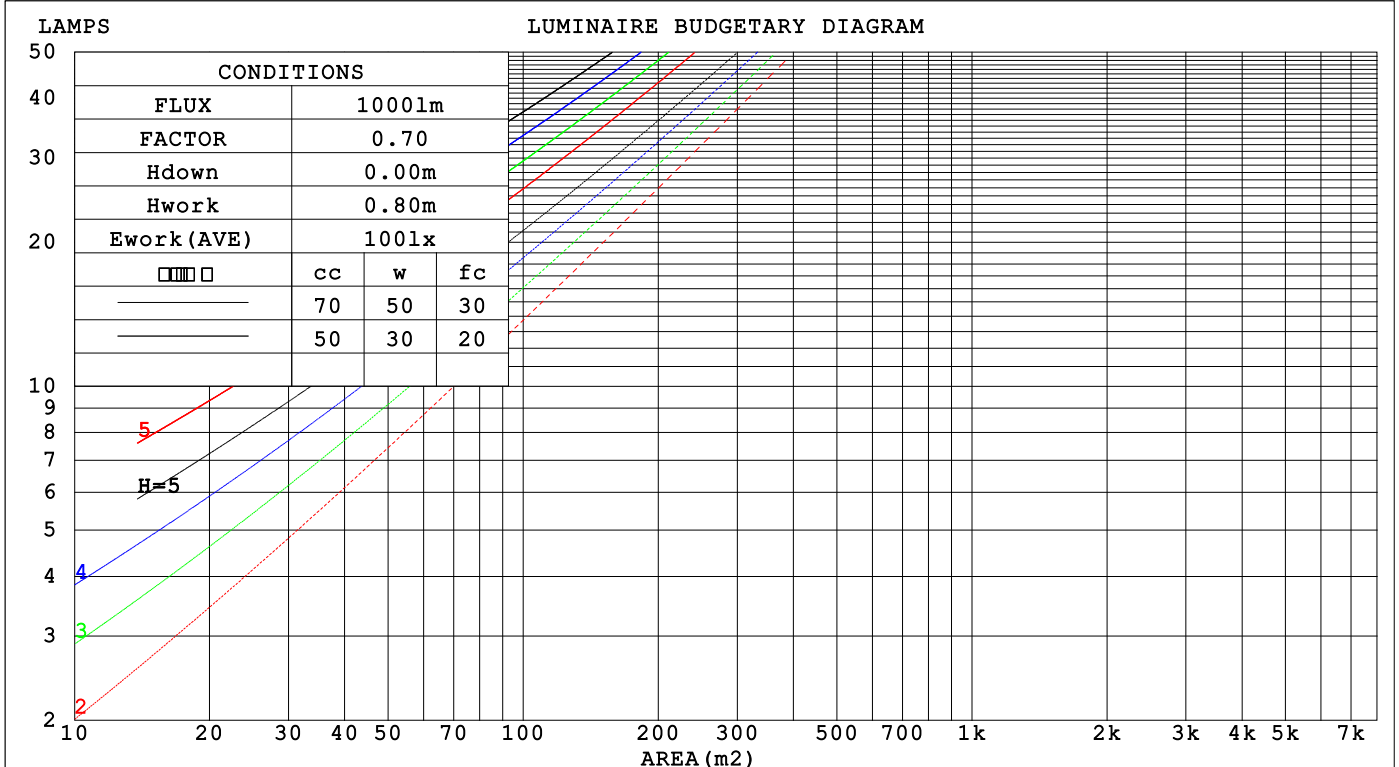
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-03-25

☐ 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 160LED 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	1.04	.99	.96	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83														
2.0	.90	.83	.78	.88	.82	.77	.84	.79	.75	.81	.77	.73	.78	.74	.71	.69														
3.0	.79	.71	.64	.77	.70	.64	.74	.68	.62	.71	.66	.61	.69	.64	.60	.58														
4.0	.70	.61	.54	.69	.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	.42	.35	.31	.29														
9.0	.42	.34	.29	.42	.34	.29	.41	.33	.28	.39	.33	.28	.38	.32	.28	.26														
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.36	.30	.25	.36	.30	.25	.24														



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-03-25

□ 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 160LED 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	.308	.175	.055	.300	.171	.054	.286	.164	.052	.273	.158	.051	.261	.152	.049		
2.0	.291	.159	.049	.284	.157	.048	.272	.151	.047	.260	.146	.046	.250	.141	.045		
3.0	.270	.144	.043	.264	.141	.043	.253	.137	.042	.243	.133	.041	.233	.129	.040		
4.0	.249	.129	.038	.244	.128	.038	.234	.124	.037	.225	.121	.036	.217	.118	.036		
5.0	.230	.117	.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	.182	.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	.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	.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	.124	.084	.150	.107	.073	.103	.075	.051	.059	.044	.030	.019	.014	.010		
4.0	.167	.111	.068	.143	.096	.059	.099	.067	.042	.057	.039	.025	.018	.013	.008		
5.0	.160	.101	.057	.137	.087	.050	.094	.061	.035	.055	.036	.021	.018	.012	.007		
6.0	.152	.092	.049	.131	.080	.043	.090	.056	.030	.052	.033	.018	.017	.011	.006		
7.0	.146	.086	.043	.125	.074	.038	.087	.052	.027	.050	.031	.016	.016	.010	.005		
8.0	.139	.080	.039	.120	.069	.034	.083	.049	.024	.048	.029	.014	.016	.009	.005		
9.0	.133	.075	.035	.115	.065	.031	.079	.046	.022	.046	.027	.013	.015	.009	.004		
10.0	.127	.071	.033	.110	.061	.029	.076	.043	.020	.044	.025	.012	.014	.008	.004		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-03-25

☐ 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 160LED 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	24.8	26.3	25.0	26.5	26.7	24.6	26.1	24.9	26.3	26.6	
	26.2	27.6	26.6	27.9	28.2	26.0	27.4	26.3	27.7	27.9	
	26.8	28.1	27.1	28.4	28.7	26.5	27.8	26.8	28.1	28.4	
	27.0	28.3	27.4	28.6	28.9	26.8	28.0	27.1	28.3	28.6	
	27.0	28.2	27.4	28.5	28.8	26.8	28.0	27.2	28.3	28.6	
	26.9	28.1	27.3	28.4	28.8	26.8	28.0	27.2	28.3	28.6	
4H 2H	25.3	26.6	25.6	26.9	27.2	25.2	26.5	25.5	26.8	27.1	
	27.0	28.1	27.3	28.4	28.8	26.8	27.9	27.1	28.2	28.6	
	27.6	28.7	28.0	29.0	29.4	27.4	28.4	27.8	28.8	29.1	
	28.0	28.9	28.4	29.3	29.7	27.7	28.7	28.1	29.0	29.4	
	27.9	28.8	28.4	29.2	29.6	27.8	28.7	28.2	29.1	29.5	
	27.9	28.7	28.4	29.1	29.6	27.8	28.6	28.3	29.0	29.5	
8H 4H	27.8	28.7	28.2	29.1	29.5	27.6	28.4	28.0	28.8	29.2	
	28.3	29.0	28.7	29.4	29.9	28.0	28.8	28.5	29.2	29.6	
	28.3	28.9	28.8	29.4	29.9	28.2	28.8	28.6	29.2	29.7	
	28.3	28.9	28.8	29.3	29.8	28.2	28.8	28.7	29.2	29.7	
12H 4H	27.8	28.6	28.2	29.0	29.4	27.6	28.4	28.0	28.8	29.2	
	28.3	28.9	28.8	29.4	29.8	28.1	28.7	28.5	29.1	29.6	
	28.3	28.9	28.8	29.4	29.9	28.2	28.7	28.7	29.2	29.7	
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 / - 0.4					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					

CIE Pub.117, 807.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.7)
Area: 0.01 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-03-25

☐ 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 160LED 24V	WEIGHT:
SPEC.: 202-10017-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.01*0.5	Shielding Angle:

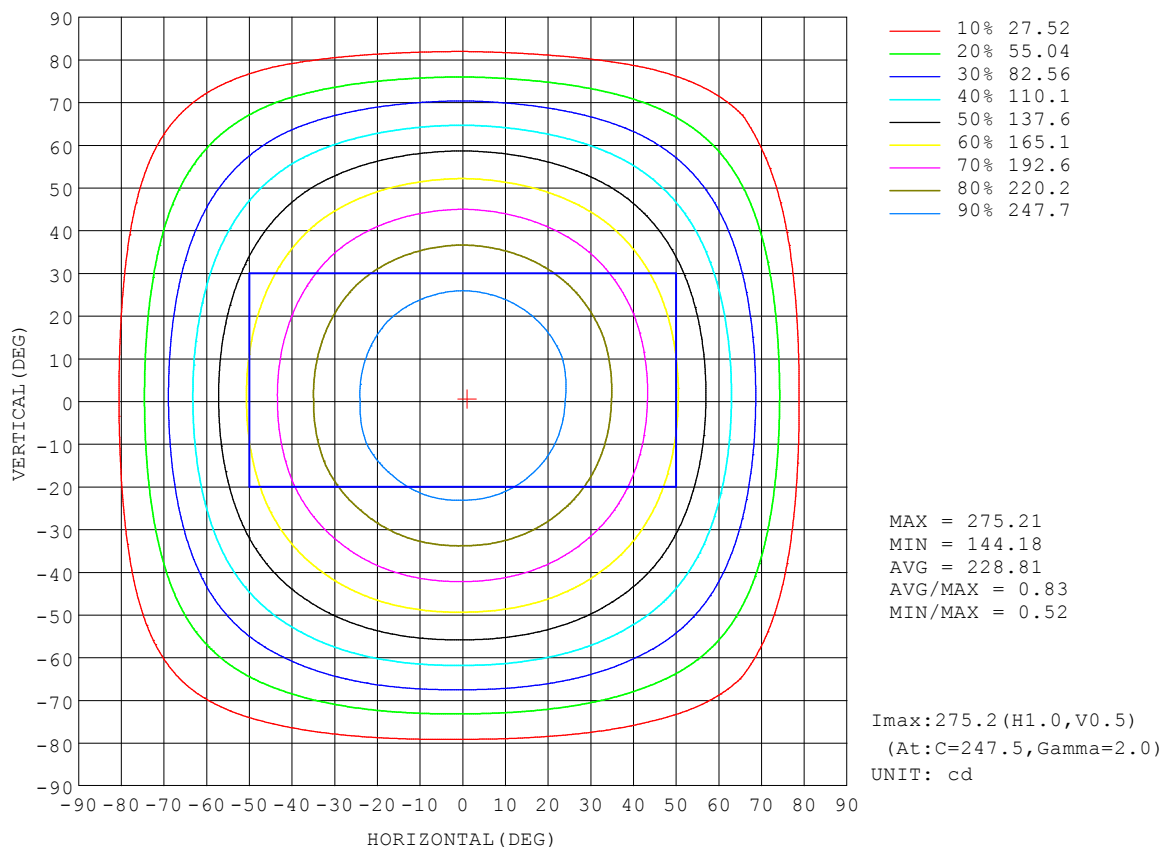
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	78	70	63	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	95	86	79	93	85	79	89	82	77	69
2.50	98	91	85	96	89	84	92	86	82	73
3.00	102	95	89	100	93	88	95	90	86	77
4.00	106	100	96	103	98	94	99	95	91	82
5.00	108	104	99	106	101	98	101	98	95	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: 2022-03-25

☐ 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 160LED 24V	WEIGHT:
SPEC.: 202-10017-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.01*0.5	Shielding Angle:

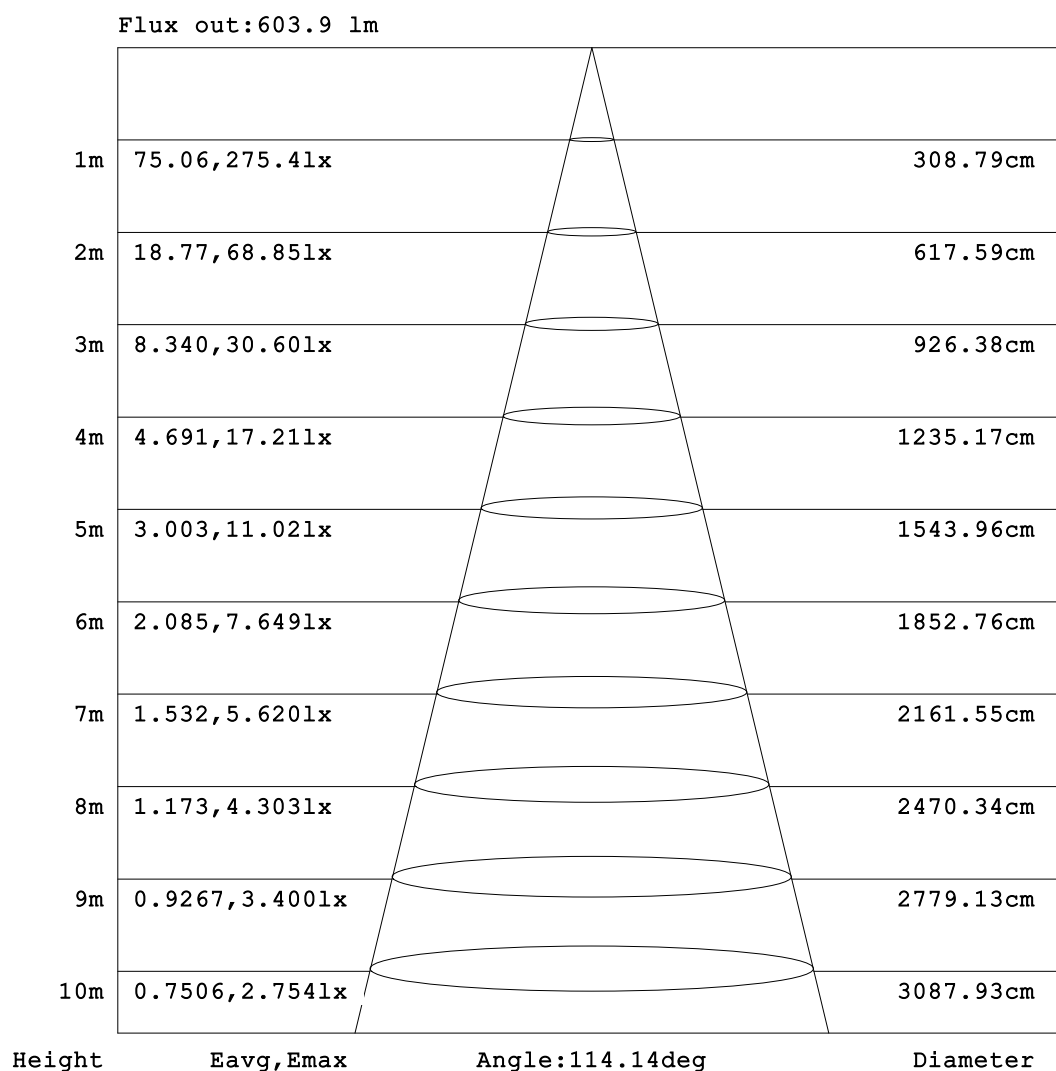


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-03-25

☐ 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 160LED 24V	WEIGHT:
SPEC.: 202-10017-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.01*0.5	Shielding Angle:



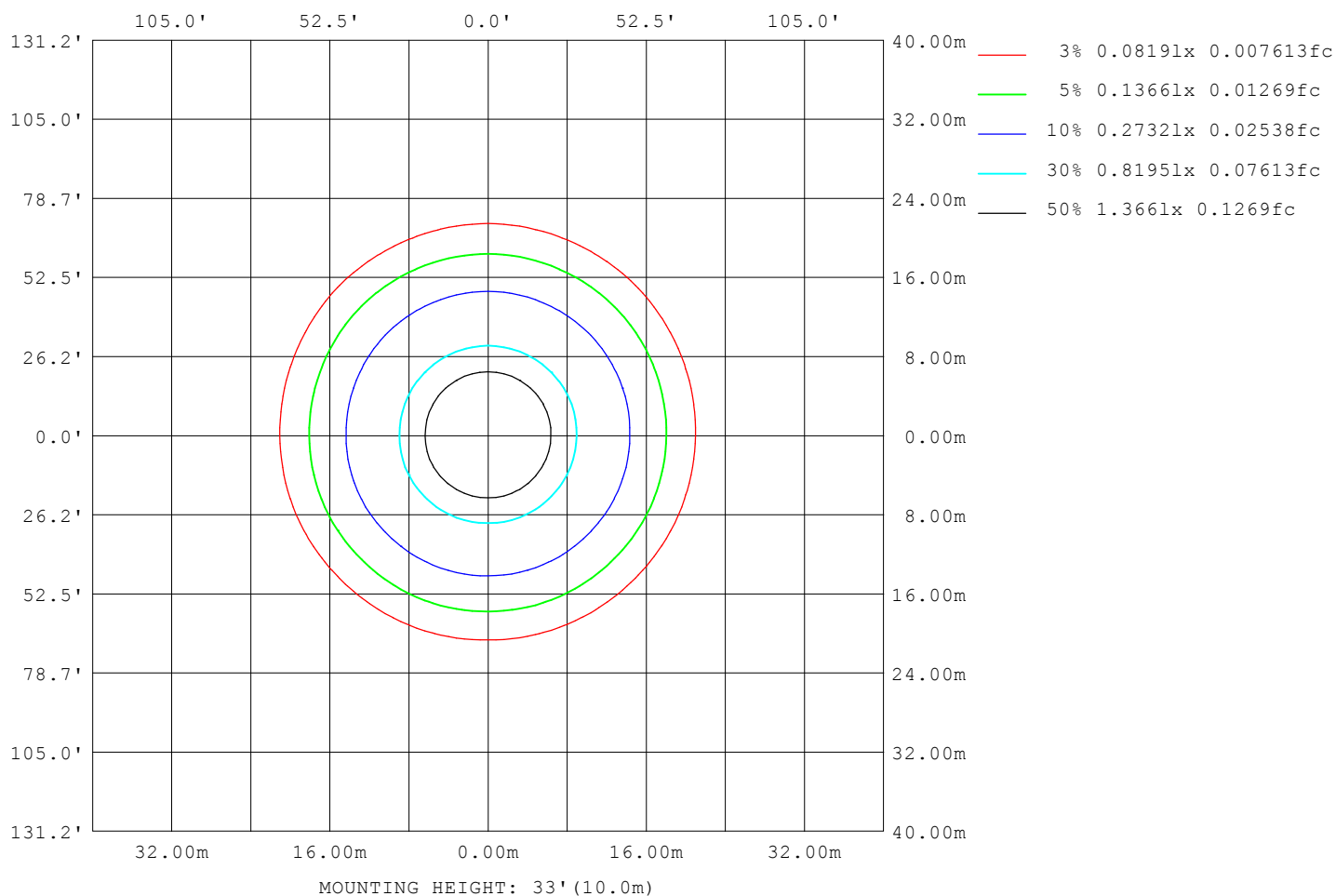
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-03-25

☐ 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 160LED 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: 2022-03-25

☐ 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 160LED 24V	WEIGHT:
SPEC.: 202-10017-00	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.01*0.5	Shielding Angle:

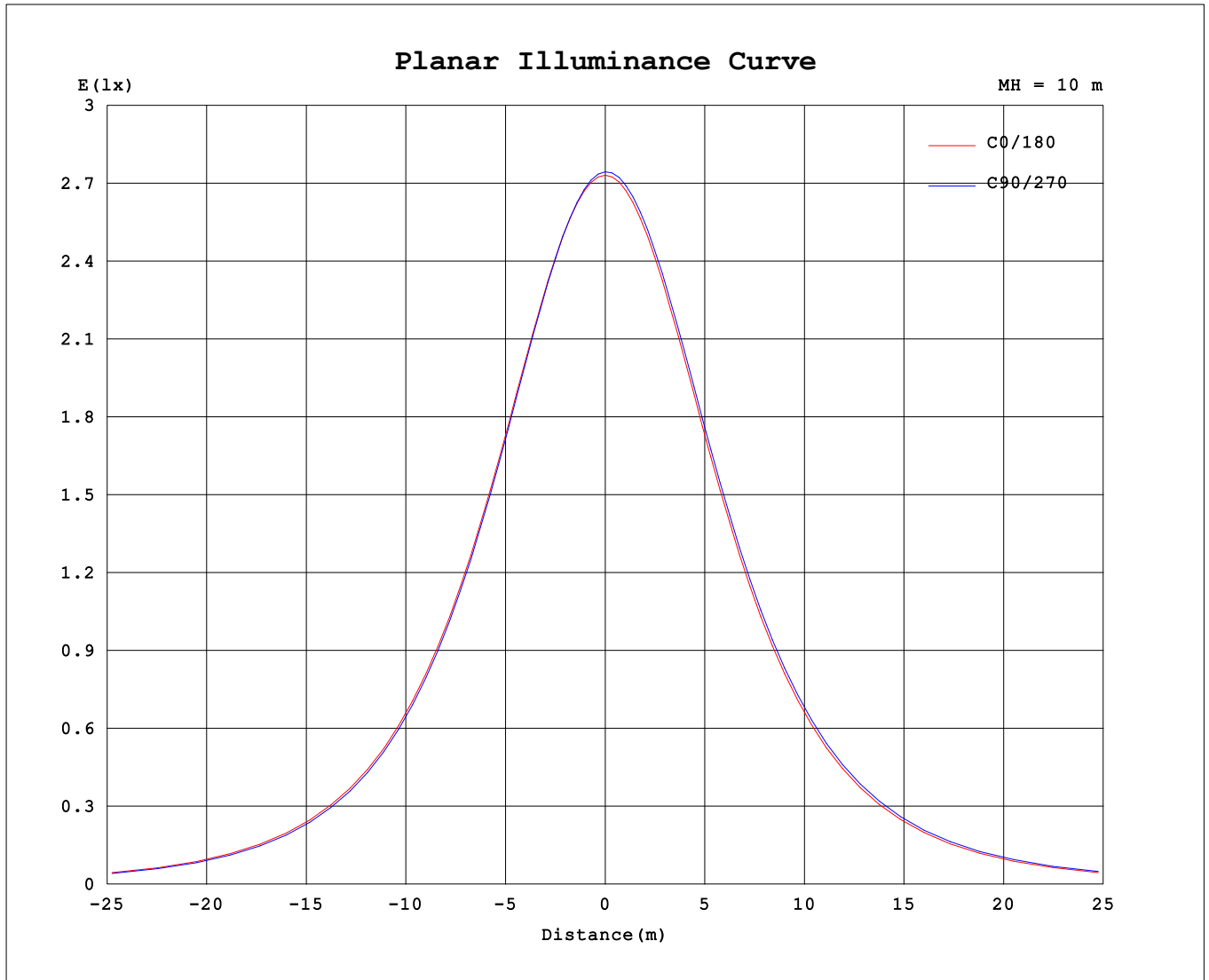
AvgL	cd/m2
L_0~180 (65) av	23996
L_0~180 (75) av	20245
L_0~180 (85) av	5962
L_90~270 (65) av	24053
L_90~270 (75) av	20451
L_90~270 (85) av	13140
L_45 (65) av	24036
L_45 (75) av	20359
L_45 (85) av	12572

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-03-25

☐ 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: 2022-03-25

☐ 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 160LED 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	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274			
5	274	273	273	273	273	273	273	273	274	274	274	274	274	274	274	274			
10	270	269	269	269	269	269	269	269	270	270	271	271	271	271	271	270			
15	266	265	264	264	264	264	264	265	266	266	267	267	267	267	267	266			
20	256	256	254	254	254	254	255	256	257	257	258	259	259	258	258	257			
25	249	248	246	246	246	246	247	248	249	250	251	251	252	251	251	250			
30	235	233	232	231	231	232	232	234	235	236	237	238	238	237	237	236			
35	224	222	220	220	220	220	221	223	224	225	227	227	227	227	226	225			
40	205	203	201	201	200	201	202	204	205	207	209	209	209	208	208	206			
45	191	189	187	186	186	187	188	190	191	193	195	196	196	195	194	192			
50	168	166	164	163	163	164	165	167	169	170	173	173	174	172	172	170			
55	151	149	147	146	146	147	148	150	152	154	157	157	158	156	155	153			
60	124	122	120	119	119	120	121	124	126	128	130	131	132	130	129	126			
65	106	103	101	100	99.7	101	102	105	107	109	112	113	113	111	110	108			
70	76.2	74.0	71.4	70.9	70.5	72.1	73.3	75.7	77.6	79.9	83.0	83.6	84.2	82.4	81.2	78.3			
75	56.5	54.1	51.7	51.3	51.0	52.5	53.7	56.1	58.0	60.4	63.4	64.0	64.6	62.8	61.5	58.5			
80	15.9	26.3	24.3	24.0	23.9	25.2	26.2	28.2	29.8	32.0	34.7	35.4	35.9	34.3	32.9	30.2			
85	0.27	11.5	10.1	9.99	9.90	10.9	11.5	12.8	14.0	15.7	18.0	18.7	19.2	17.8	16.6	14.5			
90	0.26	0.83	0.72	0.79	0.86	1.07	1.04	1.06	0.23	1.70	2.60	2.97	3.20	2.69	2.17	1.47			
95	0.38	0.43	0.48	0.50	0.50	0.48	0.47	0.44	0.32	0.37	0.53	0.56	0.50	0.44	0.41	0.36			
100	0.66	0.69	0.72	0.73	0.74	0.72	0.70	0.66	0.54	0.52	0.50	0.51	0.51	0.51	0.52	0.52			
105	0.88	0.89	0.92	0.94	0.94	0.92	0.89	0.85	0.73	0.68	0.67	0.67	0.66	0.68	0.68	0.69			
110	1.23	1.22	1.24	1.25	1.25	1.24	1.22	1.18	1.04	0.96	0.94	0.93	0.93	0.94	0.95	0.96			
115	1.47	1.44	1.46	1.46	1.46	1.45	1.42	1.39	1.25	1.15	1.12	1.11	1.12	1.13	1.14	1.15			
120	1.81	1.75	1.76	1.76	1.76	1.75	1.73	1.70	1.56	1.45	1.40	1.39	1.40	1.41	1.42	1.43			
125	2.02	1.96	1.96	1.95	1.95	1.94	1.92	1.90	1.77	1.64	1.59	1.57	1.58	1.59	1.60	1.62			
130	2.32	2.25	2.22	2.21	2.20	2.21	2.20	2.18	2.04	1.93	1.85	1.84	1.84	1.84	1.86	1.89			
135	2.49	2.43	2.39	2.37	2.36	2.37	2.36	2.36	2.20	2.10	2.02	1.99	1.98	2.00	2.01	2.06			
140	2.72	2.67	2.61	2.59	2.57	2.60	2.59	2.59	2.42	2.32	2.25	2.21	2.18	2.21	2.23	2.30			
145	2.86	2.81	2.74	2.71	2.70	2.74	2.73	2.72	2.56	2.46	2.39	2.35	2.31	2.34	2.38	2.44			
150	3.04	2.99	2.94	2.88	2.87	2.93	2.91	2.90	2.74	2.65	2.59	2.55	2.50	2.53	2.58	2.64			
155	3.14	3.11	3.05	2.99	2.99	3.05	3.02	3.01	2.85	2.77	2.72	2.69	2.64	2.66	2.72	2.77			
160	3.28	3.26	3.21	3.15	3.20	3.20	3.17	3.16	3.04	2.97	2.91	2.88	2.87	2.86	2.92	2.97			
165	3.38	3.36	3.31	3.26	3.33	3.30	3.25	3.25	3.16	3.10	3.05	3.02	3.04	3.01	3.06	3.11			
170	3.52	3.52	3.48	3.44	3.49	3.45	3.41	3.42	3.36	3.32	3.28	3.25	3.27	3.24	3.29	3.32			
175	3.63	3.61	3.59	3.56	3.61	3.57	3.53	3.54	3.52	3.48	3.45	3.43	3.45	3.43	3.46	3.47			
180	3.74	3.72	3.69	3.68	3.73	3.70	3.68	3.69	3.74	3.71	3.70	3.67	3.72	3.70	3.70	3.67			

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