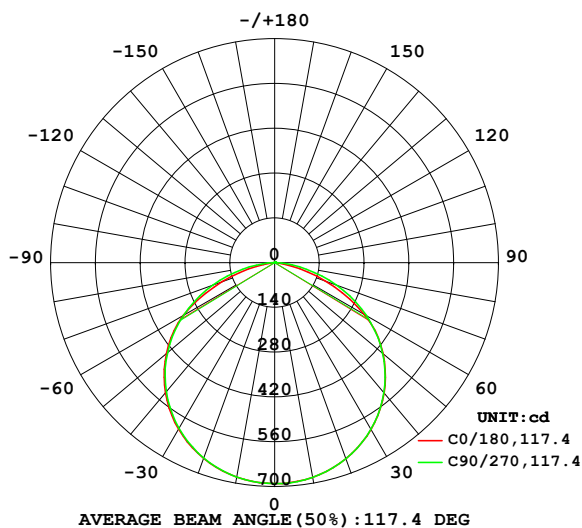


LUMINAIRE PHOTOMETRIC TEST REPORT

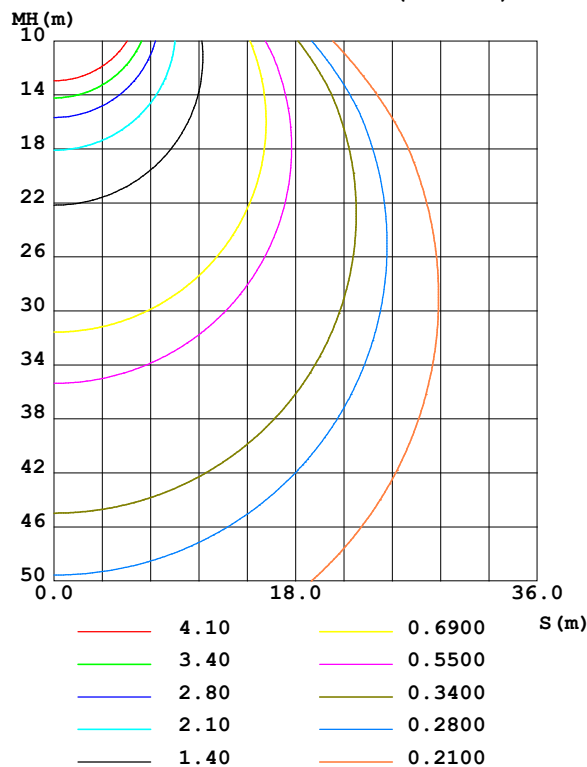
Test:U:23.998V I:0.4222A P:10.132W PF:1.0000 Freq:49.99Hz Lamp Flux:11.5188x180 lm		
NAME: 2835-180D-IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 204.64 lm/W
MODEL	4000K RA80	I _{max} (cd)	690.9	S/MH(C0/180)	1.29	
NOMINAL POWER(W)	9	LOR(%)	100.0	S/MH(C90/270)	1.29	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	2073.4	η UP,DN(C0-180)	0.2,50.0	
NOMINAL FLUX(lm)	11.5188	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.2,49.7	
LAMPS INSIDE	180	η up (%)	0.4	CIBSE SHR NOM	1.50	
TEST VOLTAGE(V)	24	η down (%)	99.6	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:2024-04-12

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:6.040m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	681.6	681.7	681.8	681.6	681.0	680.6	680.4	680.7	0- 10	65.49	65.49	3.16,3.16
20	652.1	652.1	652.1	652.1	651.1	650.3	649.3	650.3	10- 20	188.9	254.4	12.3,12.3
30	602.3	602.2	601.9	602.4	601.2	599.9	598.1	599.7	20- 30	289.9	544.2	26.2,26.2
40	532.4	531.9	531.3	532.4	531.3	529.7	527.2	529.0	30- 40	355.6	899.8	43.4,43.4
50	442.8	441.6	441.0	442.8	442.0	440.5	437.3	439.0	40- 50	376.4	1276	61.6,61.6
60	323.1	331.9	331.7	334.1	329.6	332.7	329.0	330.0	50- 60	346.9	1623	78.3,78.3
70	169.8	205.7	206.3	209.1	175.0	209.4	205.9	205.4	60- 70	265.2	1888	91.1,91.1
80	31.32	78.67	79.65	82.44	36.24	83.22	80.40	78.90	70- 80	144.9	2033	98.1,98.1
90	0.3296	2.247	2.167	2.544	0.3903	3.567	2.748	2.692	80- 90	32.94	2066	99.6,99.6
100	0.5165	0.4911	0.5435	0.5003	0.5593	0.5650	0.5976	0.5582	90-100	0.9367	2067	99.7,99.7
110	0.7722	0.7378	0.7180	0.7542	0.8124	0.8040	0.7657	0.7836	100-110	0.6829	2068	99.7,99.7
120	1.046	0.9978	0.9748	1.008	1.066	1.043	1.012	1.022	110-120	0.8840	2069	99.8,99.8
130	1.310	1.253	1.237	1.273	1.327	1.293	1.266	1.271	120-130	1.029	2070	99.8,99.8
140	1.545	1.489	1.494	1.519	1.567	1.542	1.510	1.507	130-140	1.082	2071	99.9,99.9
150	1.761	1.710	1.730	1.739	1.785	1.760	1.741	1.729	140-150	1.024	2072	99.9,99.9
160	1.930	1.907	1.947	1.931	1.949	1.947	1.958	1.921	150-160	0.8496	2073	100,100
170	2.075	2.077	2.128	2.083	2.099	2.101	2.142	2.093	160-170	0.5706	2073	100,100
180	2.165	2.175	2.225	2.169	2.162	2.172	2.225	2.188	170-180	0.2036	2073	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1126.3 lm

%lum = 54.3%

%lamp = 54.3%

Conical surface Flux(120deg): 1623.1 lm

%lum = 78.3%

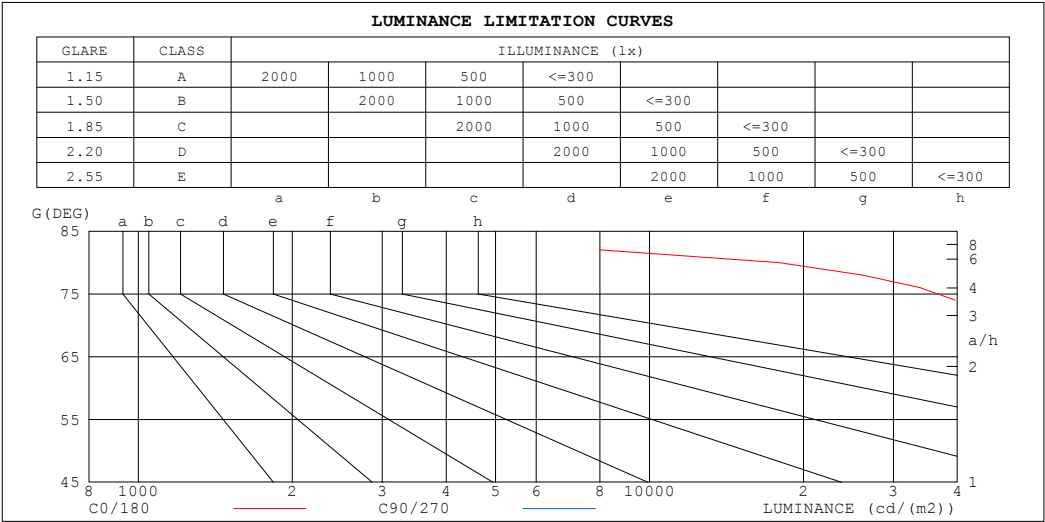
%lamp = 78.3%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-04-12

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
 Humidity:65.0%
 Test Distance:6.040m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:23.998V I:0.4222A P:10.132W PF:1.0000 Freq:49.99Hz Lamp Flux:11.5188x180 lm		
NAME: 2835-180D-IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	671	42074
80	17957	45930
75	42189	59640
70	49421	60409
65	61922	67090
60	64327	66430
55	69656	69726
50	68571	68710
45	70220	70441

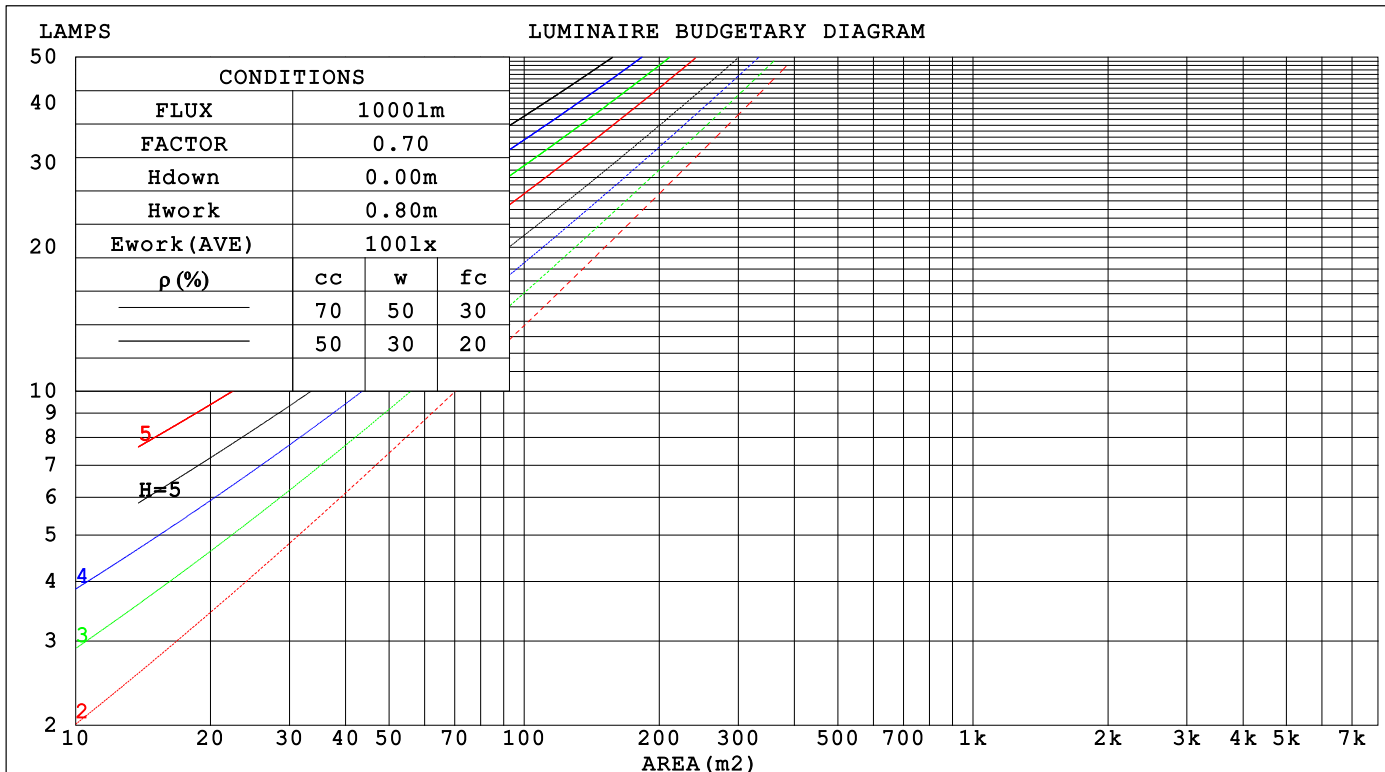
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-04-12

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:6.040m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:23.998V I:0.4222A P:10.132W PF:1.0000 Freq:49.99Hz Lamp Flux:11.5188x180 lm		
NAME: 2835-180D-IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	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	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.04	.00	.96	1.02	.98	.94	.97	.94	.91	.93	.91	.88	.90	.87	.85	.83
2.0	.90	.83	.78	.88	.82	.77	.85	.79	.75	.81	.77	.73	.78	.75	.71	.69
3.0	.79	.71	.64	.77	.70	.64	.74	.68	.62	.72	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.46	.61	.53	.46	.59	.51	.46	.57	.50	.45	.55	.49	.45	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.40	.51	.45	.39	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.41	.35	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33
8.0	.46	.38	.32	.45	.37	.32	.44	.37	.31	.43	.36	.31	.42	.35	.31	.29
9.0	.42	.34	.28	.42	.34	.28	.41	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.25	.36	.30	.25	.36	.30	.25	.23



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-04-12

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:6.040m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:23.998V I:0.4222A P:10.132W PF:1.0000 Freq:49.99Hz Lamp Flux:11.5188x180 lm		
NAME: 2835-180D-IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	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	.166	.053	.276	.159	.051	.265	.153	.049		
2.0	.293	.160	.049	.286	.158	.049	.274	.153	.047	.263	.148	.046	.253	.143	.045		
3.0	.271	.144	.043	.266	.142	.043	.255	.138	.042	.245	.135	.041	.236	.131	.041		
4.0	.251	.130	.038	.246	.129	.038	.236	.125	.037	.228	.122	.037	.220	.119	.036		
5.0	.232	.118	.034	.227	.117	.034	.219	.114	.034	.211	.112	.033	.204	.109	.033		
6.0	.215	.108	.031	.211	.107	.031	.204	.104	.030	.197	.102	.030	.190	.100	.030		
7.0	.200	.099	.028	.197	.098	.028	.190	.096	.028	.184	.094	.027	.178	.092	.027		
8.0	.187	.091	.026	.184	.090	.026	.178	.089	.025	.172	.087	.025	.167	.086	.025		
9.0	.175	.085	.024	.172	.084	.024	.167	.082	.023	.162	.081	.023	.157	.080	.023		
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.153	.076	.022	.148	.075	.021		

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)										
0.0	.193	.193	.193	.165	.165	.165	.113	.113	.113	.065	.065	.065	.021	.021	.021		
1.0	.183	.159	.137	.157	.136	.118	.107	.094	.082	.062	.054	.047	.020	.017	.015		
2.0	.175	.135	.101	.150	.116	.087	.103	.080	.061	.059	.047	.036	.019	.015	.012		
3.0	.167	.117	.077	.144	.101	.067	.099	.070	.047	.057	.041	.028	.018	.013	.009		
4.0	.160	.104	.061	.137	.090	.053	.094	.062	.037	.055	.037	.022	.018	.012	.007		
5.0	.153	.093	.050	.131	.081	.043	.090	.056	.031	.052	.033	.018	.017	.011	.006		
6.0	.145	.085	.042	.125	.074	.036	.086	.052	.026	.050	.030	.015	.016	.010	.005		
7.0	.139	.078	.036	.119	.068	.031	.082	.048	.022	.048	.028	.013	.015	.009	.004		
8.0	.132	.072	.031	.114	.063	.027	.079	.044	.019	.046	.026	.012	.015	.009	.004		
9.0	.126	.067	.028	.109	.059	.024	.075	.041	.017	.044	.024	.010	.014	.008	.003		
10.0	.120	.063	.025	.104	.055	.022	.072	.039	.016	.042	.023	.009	.014	.007	.003		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-04-12

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:6.040m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:23.998V I:0.4222A P:10.132W PF:1.0000 Freq:49.99Hz Lamp Flux:11.5188x180 lm										
NAME: 2835-180D-IP20					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.:					SUR.: 0.010*1			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	25.1	26.6	25.3	26.8	27.0	25.1	26.6	25.4	26.8	27.1
3H	26.4	27.8	26.7	28.1	28.3	26.7	28.1	27.0	28.3	28.6
4H	26.8	28.2	27.1	28.4	28.7	27.2	28.6	27.6	28.8	29.1
6H	26.9	28.2	27.3	28.5	28.8	27.6	28.9	27.9	29.1	29.4
8H	26.9	28.1	27.2	28.4	28.7	27.7	28.9	28.0	29.2	29.5
12H	26.8	28.0	27.2	28.3	28.6	27.7	28.9	28.1	29.2	29.5
4H 2H	25.7	27.0	26.0	27.3	27.6	25.7	27.1	26.1	27.3	27.6
3H	27.3	28.5	27.6	28.8	29.1	27.4	28.6	27.8	28.9	29.2
4H	27.8	28.9	28.2	29.2	29.6	28.1	29.2	28.5	29.5	29.9
6H	28.1	29.1	28.5	29.4	29.8	28.6	29.6	29.0	29.9	30.3
8H	28.1	29.0	28.5	29.4	29.8	28.8	29.6	29.2	30.0	30.4
12H	28.1	28.9	28.5	29.3	29.7	28.8	29.6	29.2	30.0	30.4
8H 4H	28.1	29.0	28.5	29.4	29.8	28.4	29.3	28.8	29.7	30.0
6H	28.5	29.3	29.0	29.7	30.1	29.0	29.7	29.4	30.1	30.6
8H	28.6	29.3	29.1	29.7	30.2	29.2	29.8	29.7	30.3	30.7
12H	28.6	29.2	29.1	29.7	30.1	29.3	29.9	29.8	30.3	30.8
12H 4H	28.1	28.9	28.6	29.3	29.7	28.4	29.2	28.8	29.6	30.0
6H	28.6	29.2	29.1	29.7	30.1	29.0	29.7	29.5	30.1	30.6
8H	28.7	29.3	29.2	29.7	30.2	29.3	29.8	29.7	30.3	30.8
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 / - 0.4					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.5					+ 0.2 / - 0.3				

CIE Pub.117, 2073 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:2024-04-12

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:6.040m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:23.998V I:0.4222A P:10.132W PF:1.0000 Freq:49.99Hz Lamp Flux:11.5188x180 lm		
NAME: 2835-180D-IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	Shielding Angle:

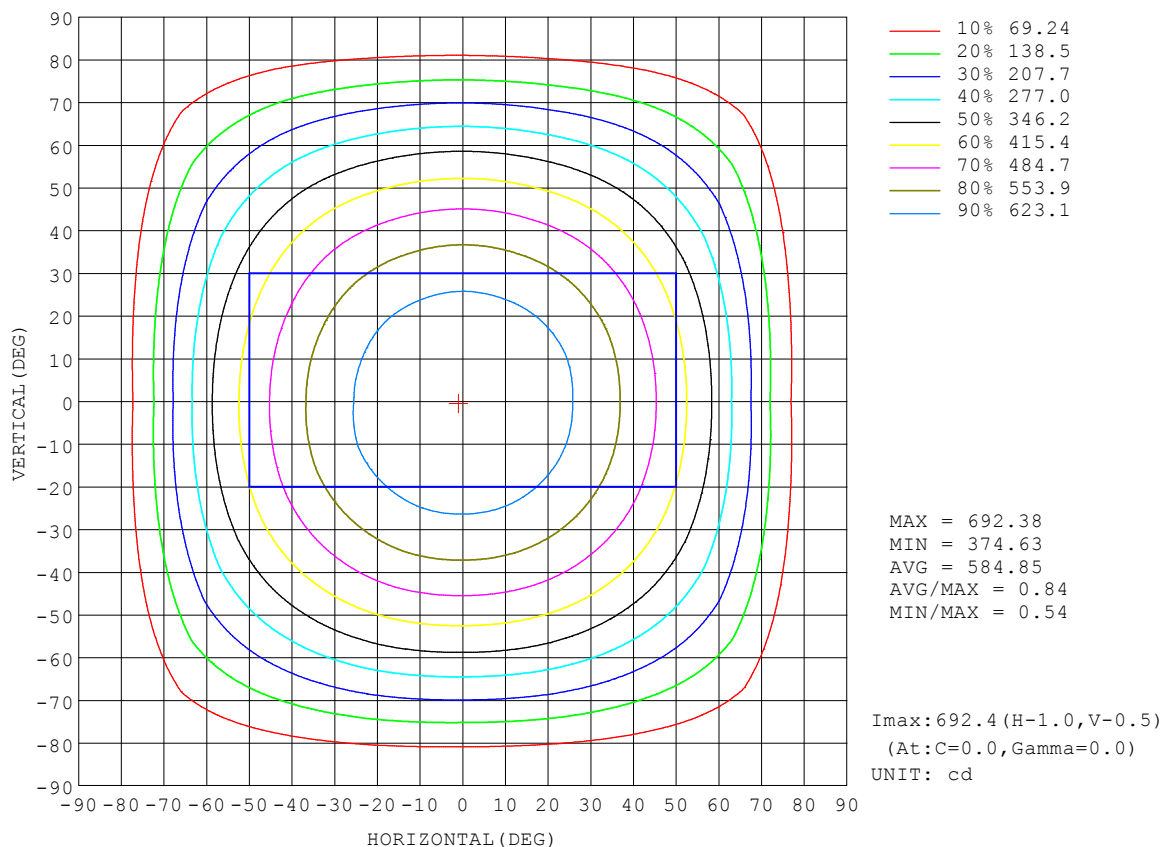
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	47	64	54	47	40
1.00	75	64	57	74	64	56	72	65	56	49
1.25	83	72	65	81	71	64	78	70	64	56
1.50	88	78	71	86	77	70	83	75	69	61
2.00	95	86	80	93	85	79	89	83	77	69
2.50	99	91	85	97	89	84	93	87	82	73
3.00	102	95	90	100	94	88	96	91	86	78
4.00	106	100	96	104	99	94	99	95	92	83
5.00	109	104	100	106	102	98	102	98	95	86
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: 2024-04-12

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity: 65.0%
Test Distance: 6.040m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:23.998V I:0.4222A P:10.132W PF:1.0000 Freq:49.99Hz Lamp Flux:11.5188x180 lm		
NAME: 2835-180D-IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	Shielding Angle:

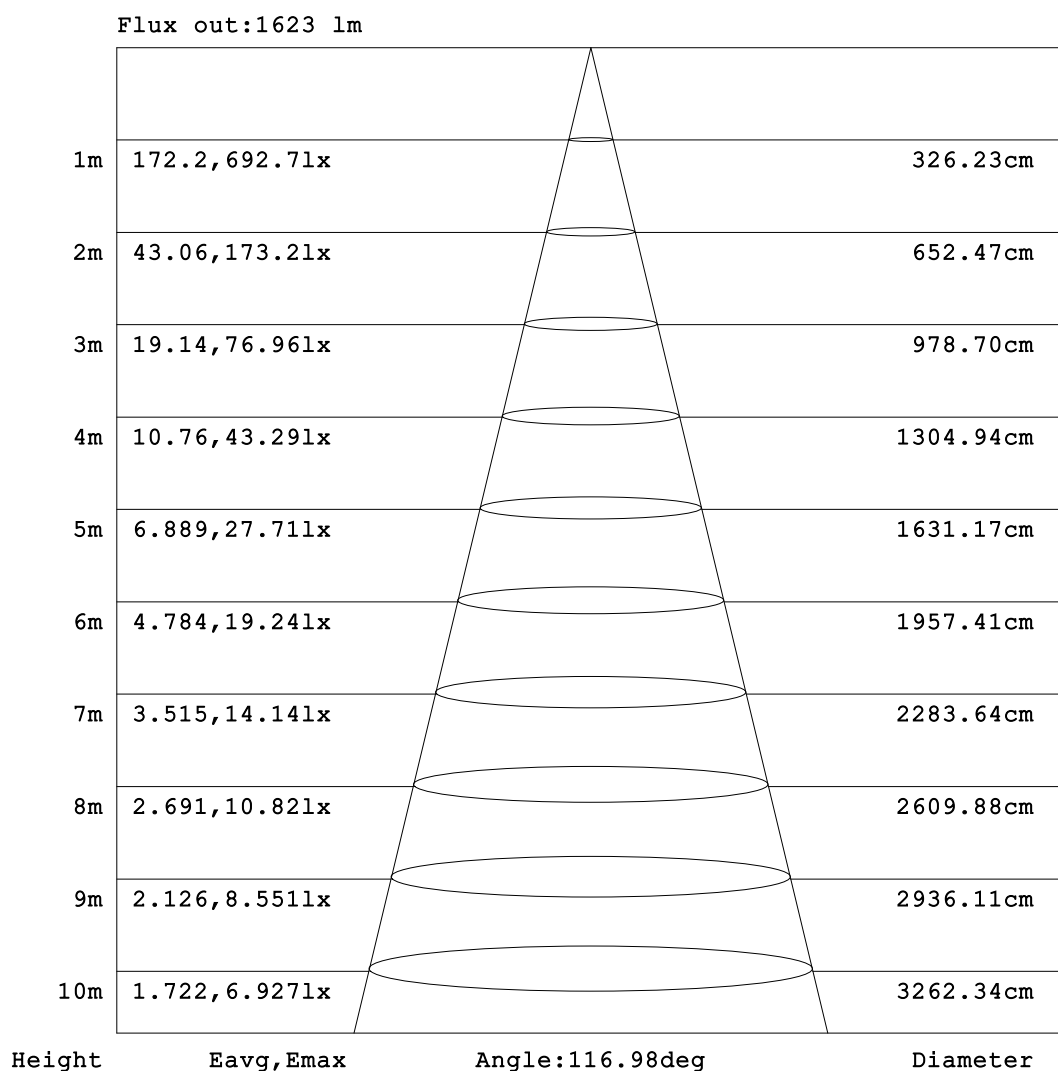


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-04-12

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity: 65.0%
Test Distance: 6.040m [K=1.0000]
Remarks:

AAI Figure

Test:U:23.998V I:0.4222A P:10.132W PF:1.0000 Freq:49.99Hz Lamp Flux:11.5188x180 lm		
NAME: 2835-180D-IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	Shielding Angle:



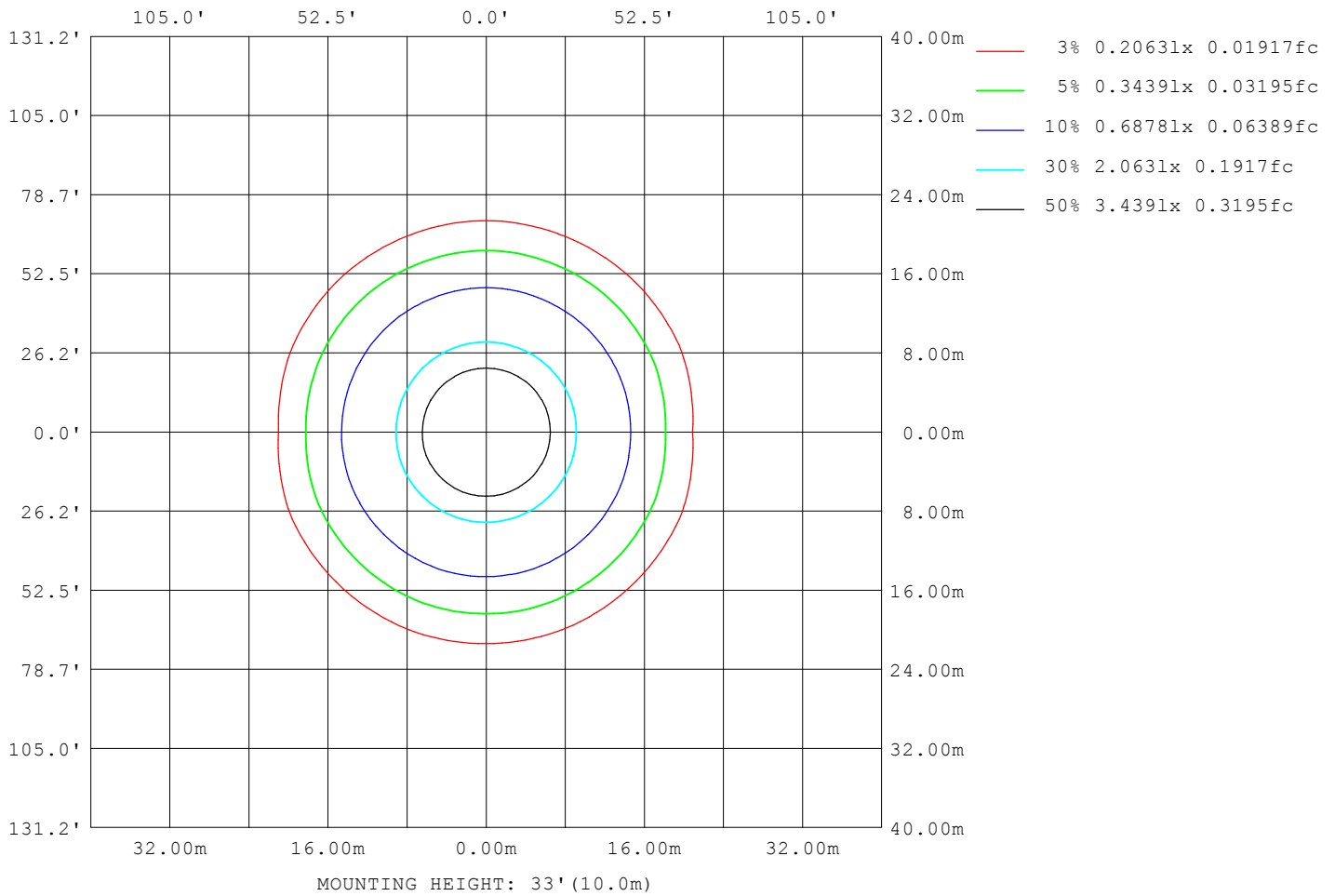
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-04-12

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:6.040m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:23.998V I:0.4222A P:10.132W PF:1.0000 Freq:49.99Hz Lamp Flux:11.5188x180 lm		
NAME: 2835-180D-IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-04-12

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:6.040m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:23.998V I:0.4222A P:10.132W PF:1.0000 Freq:49.99Hz Lamp Flux:11.5188x180 lm		
NAME: 2835-180D-IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	Shielding Angle:

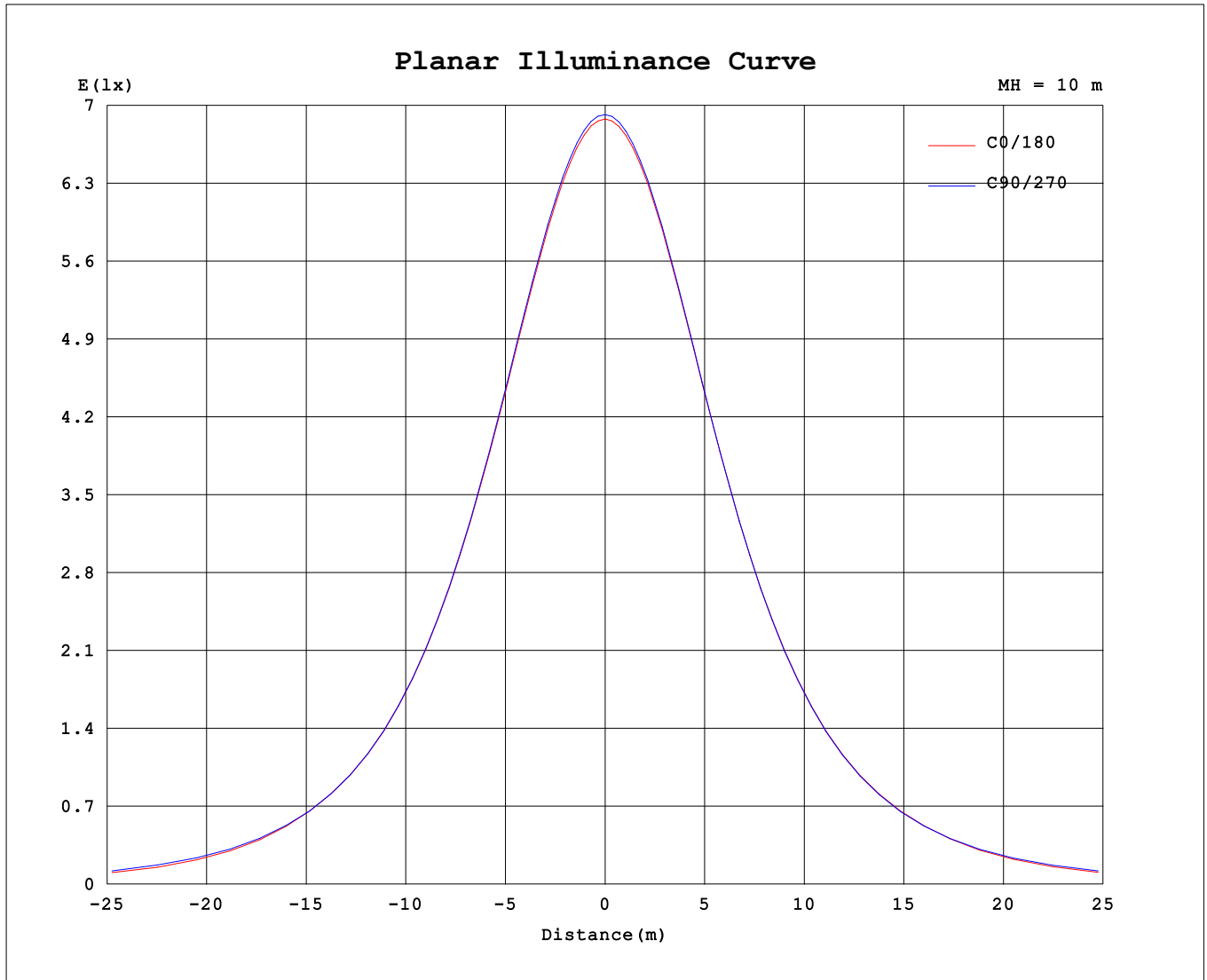
AvgL	cd/m2
L_0~180 (65) av	59159
L_0~180 (75) av	37830
L_0~180 (85) av	11
L_90~270 (65) av	63827
L_90~270 (75) av	54664
L_90~270 (85) av	33147
L_45 (65) av	64216
L_45 (75) av	55045
L_45 (85) av	33830

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-04-12

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:6.040m [K=1.0000]
Remarks:

Planar Illuminance Curve



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 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

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Table--1

UNIT: cd

γ (DEG)	C (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	691	691	691	691	691	691	691	691	691	691	691	691	691	691	691	691	
5	690	690	690	690	690	690	690	690	689	689	689	689	689	689	689	689	
10	682	682	682	682	682	682	682	682	681	681	681	680	680	680	681	681	
15	672	673	672	673	672	673	672	672	671	671	671	670	670	670	671	672	
20	652	653	652	653	652	653	652	652	651	650	650	649	649	649	650	651	
25	635	635	635	635	634	635	635	635	634	633	633	631	631	631	632	633	
30	602	603	602	603	602	603	602	602	601	600	600	598	598	598	600	601	
35	577	578	576	577	576	577	577	577	576	574	574	572	572	571	574	575	
40	532	533	532	532	531	533	532	533	531	530	530	527	527	527	529	530	
45	499	500	498	499	497	500	499	500	498	496	496	493	493	492	495	497	
50	443	444	442	442	441	443	443	444	442	441	440	437	437	436	439	440	
55	401	402	400	401	399	402	401	403	401	399	400	396	396	395	398	399	
60	323	334	332	333	332	335	334	336	330	332	333	329	329	327	330	331	
65	263	285	283	284	283	286	286	287	269	284	285	282	281	279	282	282	
70	170	208	206	208	206	210	209	211	175	208	209	206	206	203	205	205	
75	110	156	153	155	154	158	157	159	114	156	158	155	155	152	154	153	
80	31.3	79.6	78.7	79.4	79.6	81.9	82.4	83.1	36.2	82.3	83.2	81.5	80.4	78.6	78.9	78.6	
85	0.59	37.2	35.8	37.0	36.6	39.2	39.1	40.0	1.29	39.0	40.7	38.7	38.4	36.3	37.0	35.9	
90	0.33	2.06	2.25	2.35	2.17	2.76	2.54	2.70	0.39	2.74	3.57	2.99	2.75	2.46	2.69	2.08	
95	0.37	0.41	0.78	0.85	0.84	0.88	0.80	0.43	0.44	0.49	0.97	1.08	0.99	1.07	0.95	0.47	
100	0.52	0.52	0.49	0.51	0.54	0.53	0.50	0.53	0.56	0.54	0.56	0.59	0.60	0.56	0.56	0.55	
105	0.62	0.62	0.59	0.59	0.57	0.61	0.60	0.63	0.67	0.63	0.66	0.62	0.63	0.60	0.64	0.64	
110	0.77	0.78	0.74	0.74	0.72	0.76	0.75	0.79	0.81	0.78	0.80	0.77	0.77	0.74	0.78	0.78	
115	0.88	0.88	0.84	0.84	0.82	0.86	0.85	0.88	0.91	0.87	0.90	0.86	0.87	0.83	0.87	0.88	
120	1.05	1.05	1.00	0.99	0.97	1.02	1.01	1.05	1.07	1.02	1.04	1.01	1.01	0.98	1.02	1.03	
125	1.15	1.15	1.10	1.10	1.08	1.13	1.11	1.16	1.17	1.13	1.14	1.11	1.11	1.08	1.12	1.13	
130	1.31	1.31	1.25	1.25	1.24	1.29	1.27	1.31	1.33	1.28	1.29	1.27	1.27	1.23	1.27	1.28	
135	1.41	1.40	1.35	1.35	1.34	1.40	1.37	1.41	1.42	1.38	1.39	1.37	1.36	1.33	1.37	1.37	
140	1.54	1.54	1.49	1.50	1.49	1.55	1.52	1.56	1.57	1.53	1.54	1.52	1.51	1.47	1.51	1.51	
145	1.65	1.63	1.58	1.60	1.59	1.64	1.61	1.64	1.66	1.61	1.63	1.61	1.60	1.56	1.60	1.60	
150	1.76	1.75	1.71	1.73	1.73	1.78	1.74	1.78	1.79	1.75	1.76	1.74	1.74	1.69	1.73	1.72	
155	1.83	1.83	1.79	1.81	1.82	1.86	1.82	1.85	1.86	1.82	1.85	1.83	1.83	1.77	1.81	1.80	
160	1.93	1.94	1.91	1.93	1.95	1.98	1.93	1.95	1.95	1.92	1.95	1.95	1.96	1.89	1.92	1.91	
165	2.00	2.01	1.98	2.02	2.03	2.05	2.00	2.02	2.01	1.99	2.01	2.02	2.04	1.97	2.00	1.98	
170	2.07	2.10	2.08	2.12	2.13	2.13	2.08	2.10	2.10	2.07	2.10	2.10	2.14	2.08	2.09	2.07	
175	2.12	2.14	2.12	2.17	2.17	2.17	2.12	2.14	2.14	2.11	2.14	2.14	2.19	2.13	2.14	2.11	
180	2.16	2.17	2.17	2.19	2.23	2.21	2.17	2.17	2.16	2.17	2.17	2.19	2.23	2.19	2.19	2.16	

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