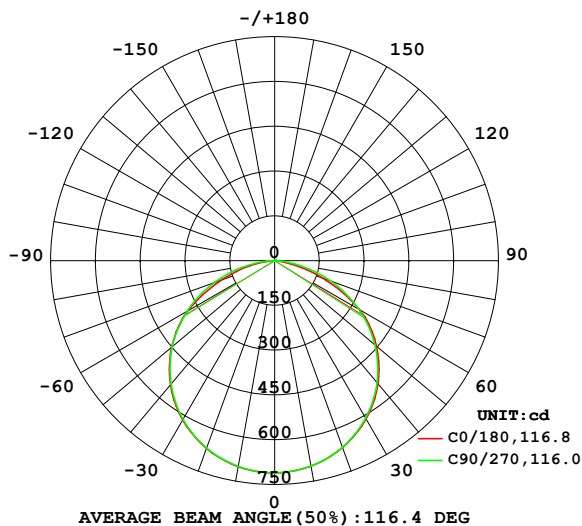


LUMINAIRE PHOTOMETRIC TEST REPORT

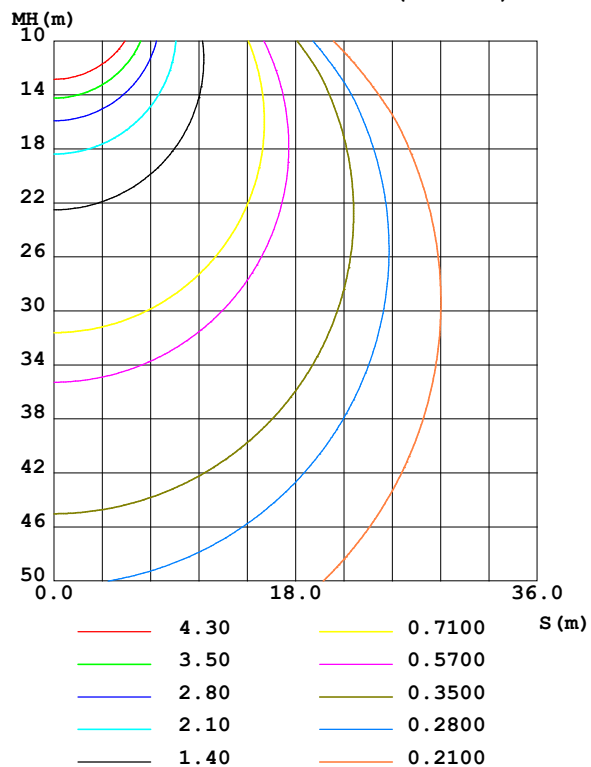
Test:U:23.998V I:0.9993A P:23.981W PF:1.0000 Freq:49.99Hz Lamp Flux:17.5509x120 lm		
NAME: 2835-120D-IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 87.82 lm/W
MODEL	5000K	I _{max} (cd)	710.6	S/MH (C0/180)	1.29	
NOMINAL POWER(W)	24	LOR (%)	100.0	S/MH (C90/270)	1.28	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	2106.1	η UP,DN (C0-180)	0.2,49.3	
NOMINAL FLUX(lm)	17.5509	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.2,50.3	
LAMPS INSIDE	120	η up (%)	0.3	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	24	η down (%)	99.7	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: 2024-04-03

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	699.2	698.5	698.9	699.9	700.7	700.9	700.3	699.5	0- 10	67.31	67.31	3.2,3.2
20	666.3	664.7	665.0	667.4	669.1	669.4	667.7	666.7	10- 20	193.7	261.0	12.4,12.4
30	612.6	609.6	609.5	613.5	616.4	616.7	613.8	613.0	20- 30	296.3	557.4	26.5,26.5
40	538.6	534.1	533.6	539.1	543.4	543.7	540.0	539.2	30- 40	362.0	919.3	43.6,43.6
50	445.4	439.4	438.6	445.3	450.7	451.8	447.7	446.5	40- 50	381.4	1301	61.8,61.8
60	327.6	326.8	325.9	333.4	335.7	341.6	338.1	336.2	50- 60	350.1	1651	78.4,78.4
70	172.6	199.7	199.0	206.2	187.7	217.0	214.5	211.6	60- 70	267.2	1918	91.1,91.1
80	32.71	72.95	72.59	78.44	64.58	88.40	87.54	84.16	70- 80	147.1	2065	98.1,98.1
90	0.4199	1.664	1.413	2.164	0.4391	3.870	3.590	3.071	80- 90	33.70	2099	99.7,99.7
100	0.5387	0.5120	0.5382	0.5140	0.5761	0.5675	0.5485	0.5641	90-100	0.8851	2100	99.7,99.7
110	0.7963	0.7692	0.7448	0.7682	0.8232	0.7934	0.7637	0.7924	100-110	0.6929	2100	99.7,99.7
120	1.078	1.034	1.007	1.036	1.078	1.035	1.008	1.034	110-120	0.8986	2101	99.8,99.8
130	1.351	1.297	1.277	1.298	1.346	1.303	1.270	1.288	120-130	1.048	2102	99.8,99.8
140	1.601	1.539	1.532	1.552	1.599	1.560	1.527	1.535	130-140	1.105	2103	99.9,99.9
150	1.817	1.767	1.773	1.783	1.822	1.794	1.768	1.765	140-150	1.048	2104	99.9,99.9
160	1.995	1.972	1.999	1.983	2.001	1.991	2.002	1.962	150-160	0.8709	2105	100,100
170	2.143	2.146	2.183	2.143	2.159	2.154	2.199	2.146	160-170	0.5865	2106	100,100
180	2.235	2.240	2.288	2.232	2.237	2.240	2.288	2.253	170-180	0.2096	2106	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1149 lm

%lum = 54.6%

%lamp = 54.6%

Conical surface Flux(120deg): 1650.8 lm

%lum = 78.4%

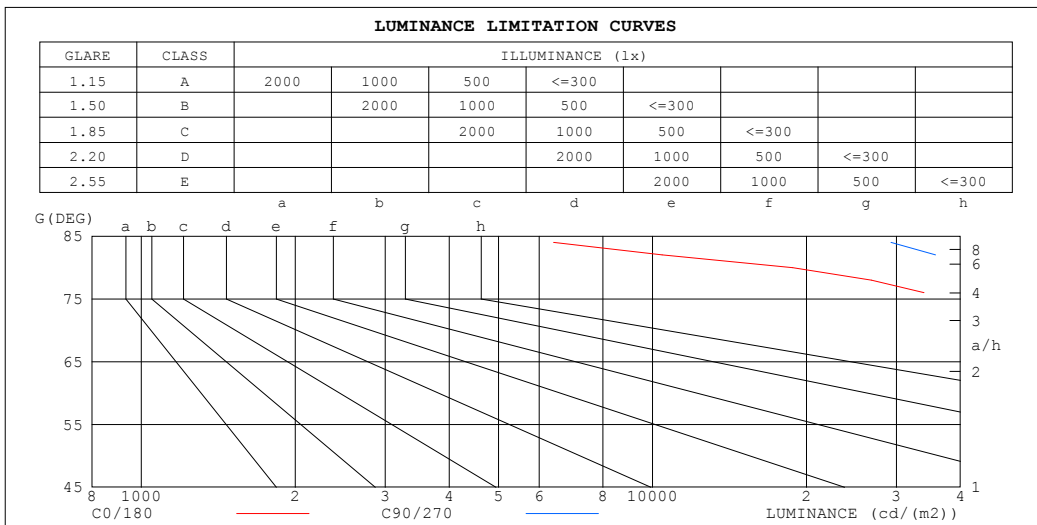
%lamp = 78.4%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-04-03

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:0.9993A P:23.981W PF:1.0000 Freq:49.99Hz Lamp Flux:17.5509x120 lm		
NAME: 2835-120D-IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	7675	35124
80	18809	41828
75	43048	56690
70	50373	58219
65	62587	65475
60	65411	65215
55	70159	68984
50	69182	68276
45	71081	70429

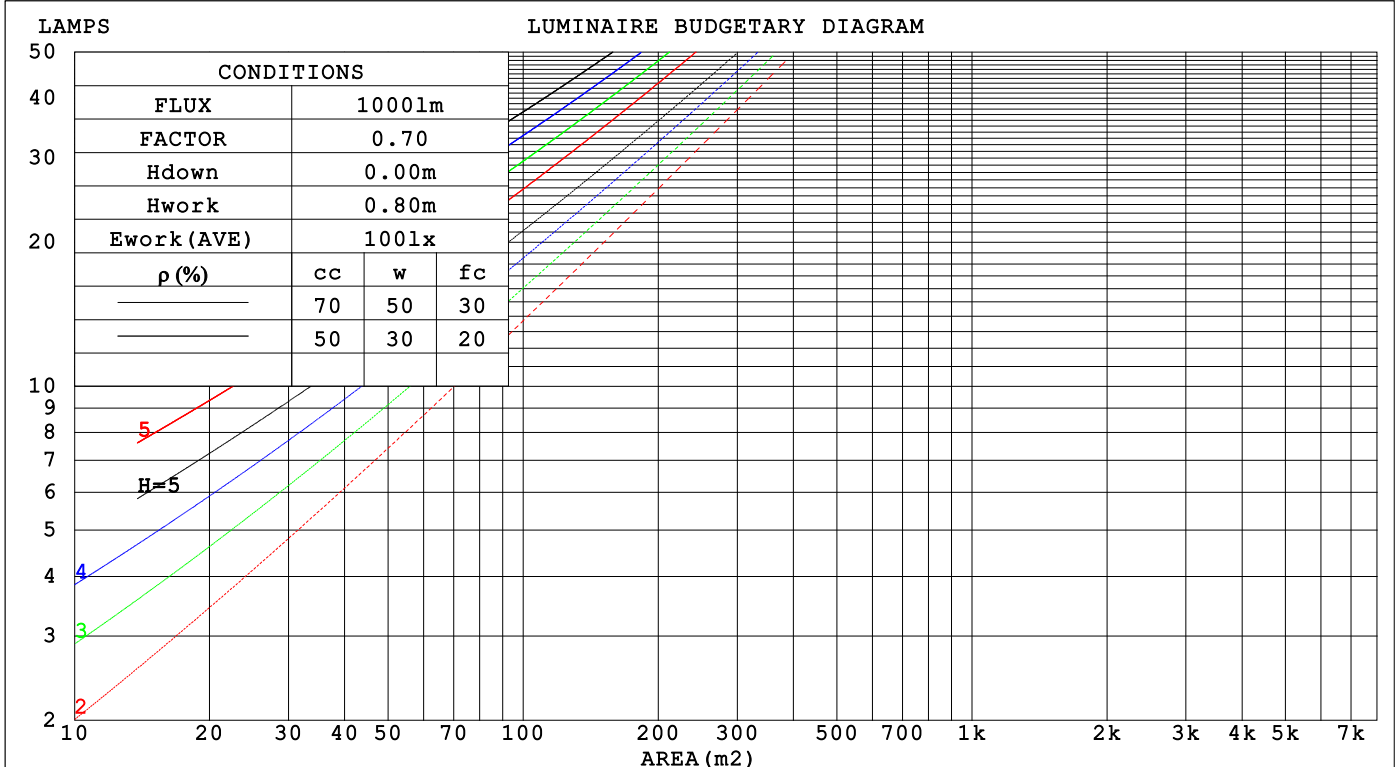
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-04-03

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 γ 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:0.9993A P:23.981W PF:1.0000 Freq:49.99Hz Lamp Flux:17.5509x120 lm		
NAME: 2835-120D-IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	.86	.83
2.0	.90	.83	.78	.88	.82	.77	.85	.79	.75	.81	.77	.73	.78	.75	.71	.69
3.0	.79	.71	.64	.78	.70	.64	.74	.68	.63	.72	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.57	.52	.61	.56	.52	.49
5.0	.62	.53	.47	.61	.53	.46	.59	.52	.46	.57	.50	.45	.55	.49	.45	.43
6.0	.56	.47	.41	.55	.47	.40	.53	.46	.40	.52	.45	.40	.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	.36	.31	.29
9.0	.42	.34	.29	.42	.34	.28	.41	.33	.28	.40	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.30	.26	.37	.30	.25	.36	.30	.25	.24



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-04-03

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:0.9993A P:23.981W PF:1.0000 Freq:49.99Hz Lamp Flux:17.5509x120 lm		
NAME: 2835-120D-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	.165	.053	.276	.159	.051	.264	.153	.049		
2.0	.292	.160	.049	.286	.157	.048	.274	.152	.047	.263	.148	.046	.253	.143	.045		
3.0	.271	.144	.043	.265	.142	.043	.255	.138	.042	.245	.134	.041	.236	.131	.040		
4.0	.250	.130	.038	.245	.128	.038	.236	.125	.037	.227	.122	.037	.219	.119	.036		
5.0	.231	.118	.034	.227	.117	.034	.219	.114	.034	.211	.111	.033	.204	.109	.033		
6.0	.215	.108	.031	.211	.106	.031	.203	.104	.030	.196	.102	.030	.190	.100	.030		
7.0	.200	.099	.028	.196	.098	.028	.190	.096	.028	.183	.094	.027	.178	.092	.027		
8.0	.186	.091	.026	.183	.090	.026	.177	.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	.152	.076	.022	.148	.074	.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	.143	.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	.152	.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	.047	.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:2024-04-03

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:0.9993A P:23.981W PF:1.0000 Freq:49.99Hz Lamp Flux:17.5509x120 lm										
NAME: 2835-120D-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	25.0	26.5	25.2	26.7	26.9	24.9	26.4	25.2	26.6	26.9
3H	26.3	27.7	26.6	28.0	28.2	26.4	27.8	26.7	28.1	28.3
4H	26.7	28.1	27.0	28.3	28.6	26.9	28.3	27.3	28.5	28.8
6H	26.8	28.1	27.2	28.4	28.7	27.3	28.5	27.6	28.8	29.1
8H	26.8	28.0	27.1	28.3	28.6	27.3	28.5	27.7	28.8	29.1
12H	26.8	27.9	27.1	28.2	28.5	27.3	28.5	27.7	28.8	29.1
4H 2H	25.6	26.9	25.9	27.2	27.4	25.5	26.9	25.8	27.1	27.4
3H	27.1	28.3	27.5	28.6	28.9	27.2	28.4	27.5	28.7	29.0
4H	27.7	28.8	28.1	29.1	29.4	27.8	28.9	28.2	29.2	29.6
6H	27.9	28.9	28.4	29.3	29.6	28.3	29.2	28.7	29.6	29.9
8H	28.0	28.8	28.4	29.2	29.6	28.4	29.2	28.8	29.6	30.0
12H	27.9	28.7	28.4	29.1	29.6	28.4	29.2	28.8	29.6	30.0
8H 4H	27.9	28.8	28.4	29.2	29.6	28.1	29.0	28.5	29.3	29.7
6H	28.4	29.1	28.8	29.5	29.9	28.6	29.3	29.1	29.8	30.2
8H	28.4	29.1	28.9	29.5	30.0	28.8	29.4	29.2	29.8	30.3
12H	28.5	29.0	28.9	29.5	30.0	28.8	29.4	29.3	29.8	30.3
12H 4H	27.9	28.8	28.4	29.1	29.6	28.1	28.9	28.5	29.3	29.7
6H	28.4	29.0	28.9	29.5	29.9	28.6	29.3	29.1	29.7	30.2
8H	28.5	29.1	29.0	29.5	30.0	28.8	29.4	29.3	29.8	30.3
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 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, 2106 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.6)
Area: 0.01 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-04-03

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:0.9993A P:23.981W PF:1.0000 Freq:49.99Hz Lamp Flux:17.5509x120 lm		
NAME: 2835-120D-IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	Shielding Angle:

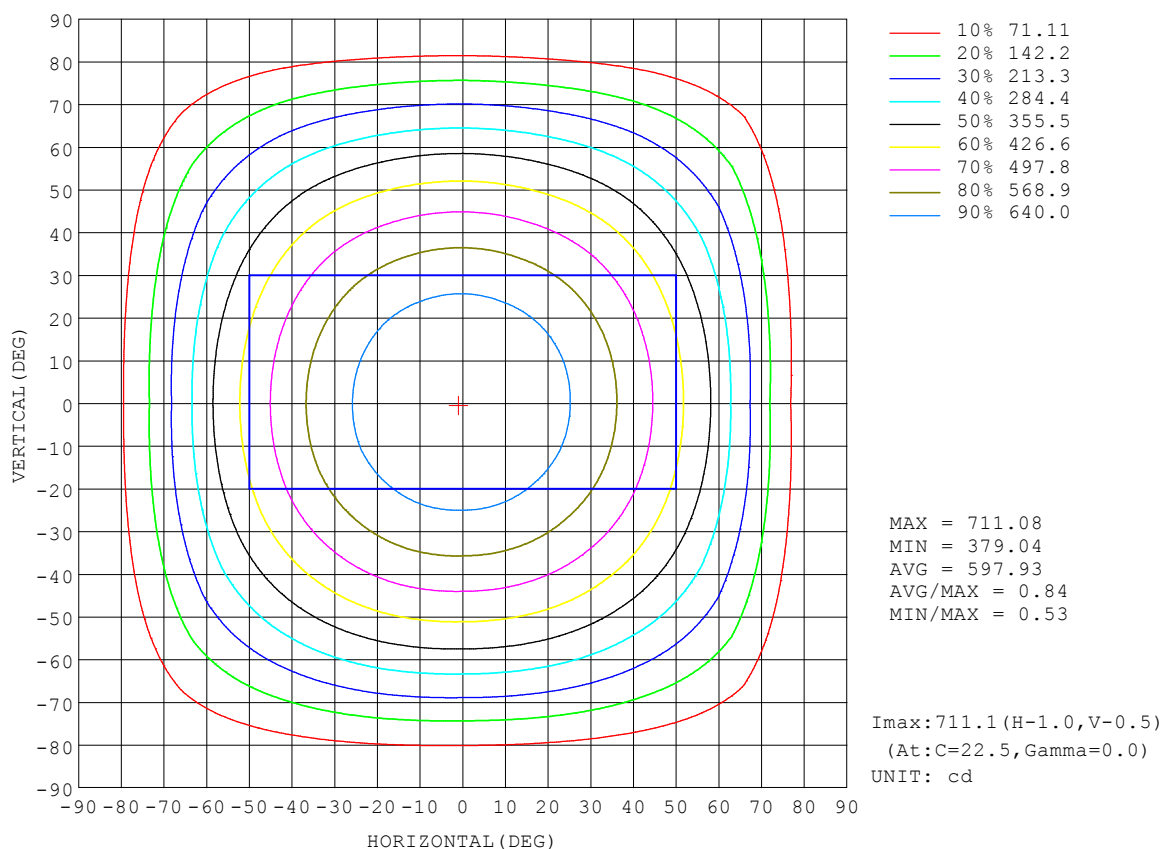
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	48	64	54	47	40
1.00	76	64	57	74	64	57	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	74
3.00	102	95	90	100	94	89	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:2024-04-03

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:0.9993A P:23.981W PF:1.0000 Freq:49.99Hz Lamp Flux:17.5509x120 lm		
NAME: 2835-120D-IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	Shielding Angle:

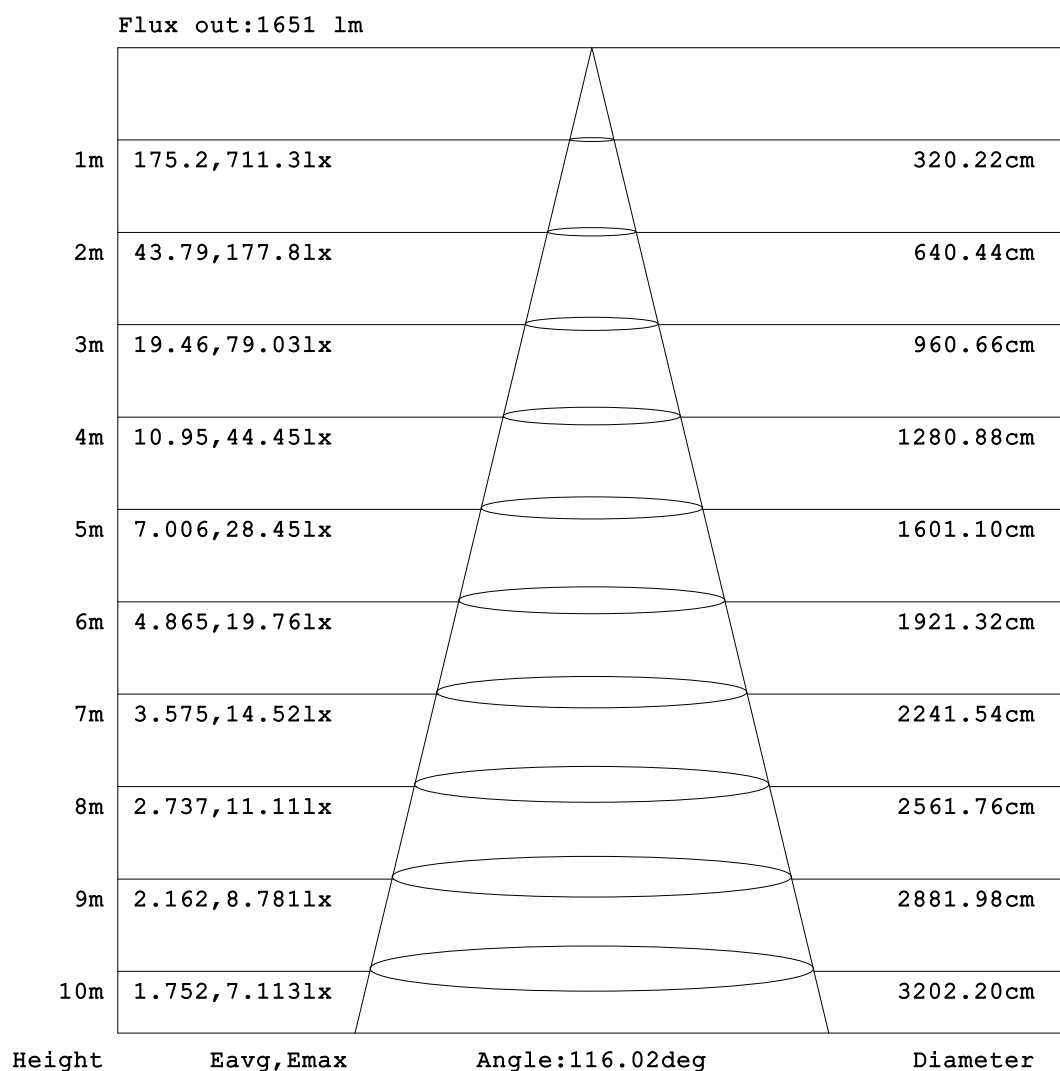


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-04-03

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:0.9993A P:23.981W PF:1.0000 Freq:49.99Hz Lamp Flux:17.5509x120 lm		
NAME: 2835-120D-IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	Shielding Angle:



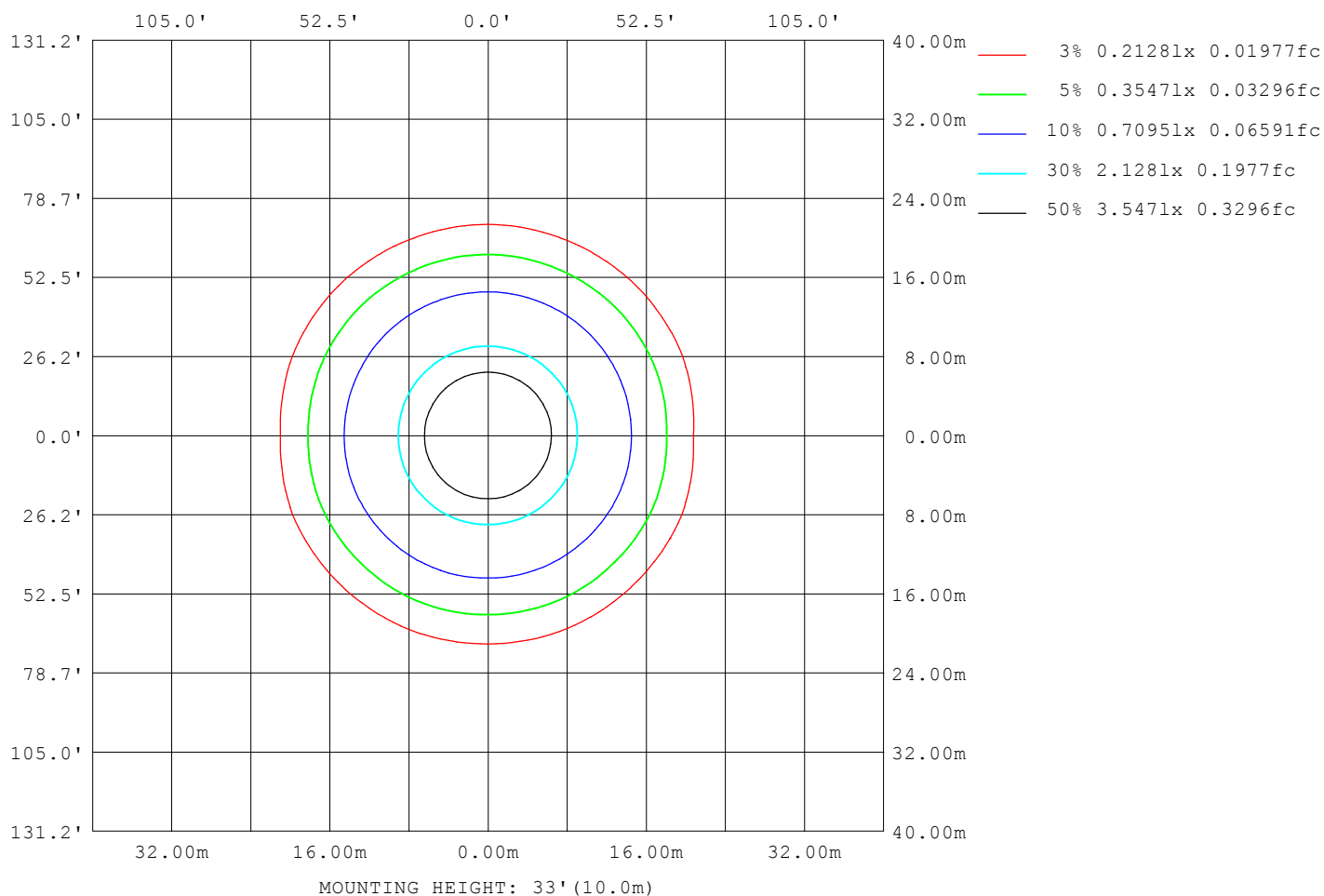
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-04-03

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:0.9993A P:23.981W PF:1.0000 Freq:49.99Hz Lamp Flux:17.5509x120 lm		
NAME: 2835-120D-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:2024-04-03

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:0.9993A P:23.981W PF:1.0000 Freq:49.99Hz Lamp Flux:17.5509x120 lm		
NAME: 2835-120D-IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	Shielding Angle:

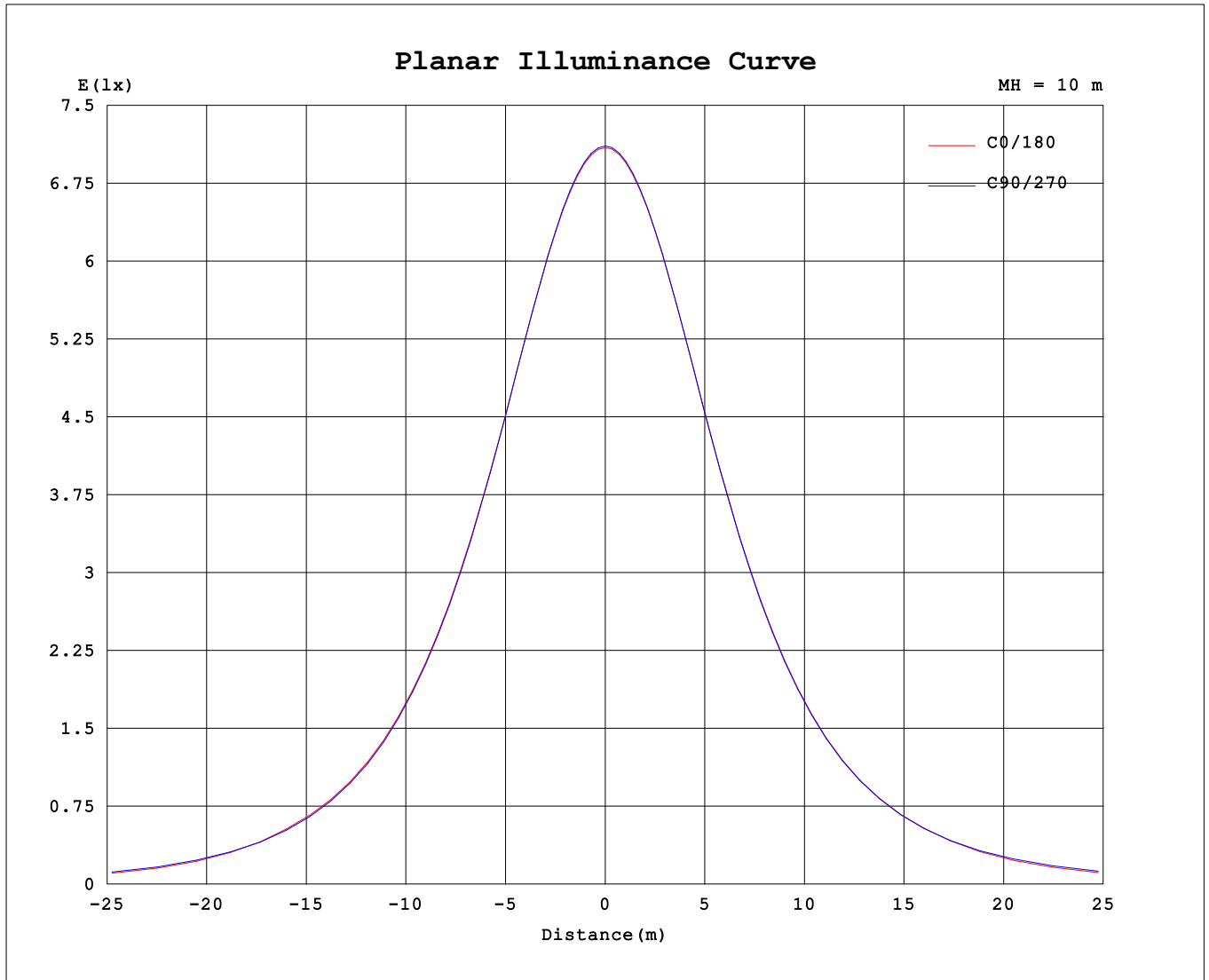
AvgL	cd/m2
L_0~180 (65) av	60285
L_0~180 (75) av	42302
L_0~180 (85) av	11341
L_90~270 (65) av	64072
L_90~270 (75) av	54809
L_90~270 (85) av	32476
L_45 (65) av	64603
L_45 (75) av	55347
L_45 (85) av	32941

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-04-03

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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LUMINOUS DISTRIBUTION INTENSITY DATA

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Table--1

UNIT: cd

C (DEG) γ (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	711	711	711	711	711	711	711	711	711	711	711	711	711	711	711	711			
5	709	709	708	709	709	709	709	709	709	709	709	709	709	709	709	709			
10	699	699	699	699	699	700	700	701	701	701	701	700	700	699	700	699			
15	689	688	688	688	688	689	690	690	691	691	691	690	690	689	689	689			
20	666	666	665	665	665	667	667	669	669	669	669	668	668	666	667	666			
25	647	647	645	645	645	647	648	650	651	650	651	649	649	647	648	647			
30	613	612	610	610	610	612	613	616	616	616	617	615	614	612	613	613			
35	585	584	582	582	582	585	586	589	590	589	590	587	587	585	586	585			
40	539	537	534	534	534	537	539	542	543	543	544	541	540	538	539	539			
45	503	502	498	498	498	502	504	508	509	508	509	506	505	503	504	503			
50	445	444	439	439	439	443	445	449	451	451	452	449	448	445	447	445			
55	403	401	396	396	395	400	403	407	408	409	410	407	406	403	404	403			
60	328	332	327	327	326	331	333	338	336	340	342	339	338	335	336	334			
65	265	282	277	277	277	282	284	289	276	291	293	291	290	287	288	286			
70	173	205	200	200	199	204	206	211	188	214	217	215	215	211	212	209			
75	112	152	147	147	147	152	154	158	134	161	165	163	163	160	160	156			
80	32.7	76.4	73.0	72.2	72.6	75.8	78.4	81.7	64.6	84.8	88.4	87.1	87.5	84.4	84.2	81.6			
85	6.70	34.1	30.8	30.9	30.6	33.6	35.0	37.8	21.7	40.8	43.8	43.2	43.6	41.2	40.6	37.7			
90	0.42	1.82	1.66	1.58	1.41	1.88	2.16	2.61	0.44	3.07	3.87	3.63	3.59	3.06	3.07	2.51			
95	0.41	0.42	0.73	0.75	0.66	0.75	0.78	0.45	0.46	0.49	0.79	0.86	0.74	0.86	0.79	0.48			
100	0.54	0.54	0.51	0.52	0.54	0.54	0.51	0.54	0.58	0.55	0.57	0.55	0.55	0.53	0.56	0.56			
105	0.64	0.64	0.61	0.61	0.59	0.62	0.61	0.63	0.68	0.63	0.65	0.61	0.62	0.60	0.65	0.65			
110	0.80	0.80	0.77	0.77	0.74	0.78	0.77	0.80	0.82	0.78	0.79	0.75	0.76	0.74	0.79	0.80			
115	0.90	0.91	0.87	0.87	0.84	0.88	0.87	0.91	0.92	0.87	0.89	0.84	0.86	0.83	0.89	0.90			
120	1.08	1.08	1.03	1.03	1.01	1.04	1.04	1.06	1.08	1.03	1.04	1.00	1.01	0.98	1.03	1.05			
125	1.19	1.19	1.14	1.14	1.11	1.16	1.14	1.18	1.19	1.14	1.14	1.11	1.11	1.09	1.14	1.16			
130	1.35	1.35	1.30	1.29	1.28	1.32	1.30	1.34	1.35	1.30	1.30	1.28	1.27	1.24	1.29	1.31			
135	1.45	1.45	1.39	1.39	1.38	1.44	1.41	1.44	1.45	1.40	1.40	1.39	1.37	1.35	1.39	1.40			
140	1.60	1.59	1.54	1.55	1.53	1.59	1.55	1.59	1.60	1.55	1.56	1.54	1.53	1.49	1.53	1.55			
145	1.70	1.68	1.63	1.64	1.63	1.69	1.65	1.68	1.70	1.64	1.66	1.63	1.62	1.59	1.63	1.64			
150	1.82	1.81	1.77	1.78	1.77	1.82	1.78	1.82	1.82	1.78	1.79	1.77	1.77	1.72	1.77	1.77			
155	1.89	1.89	1.85	1.86	1.86	1.91	1.86	1.89	1.90	1.86	1.88	1.87	1.87	1.81	1.85	1.85			
160	2.00	2.01	1.97	1.99	2.00	2.04	1.98	2.01	2.00	1.97	1.99	1.99	2.00	1.94	1.96	1.96			
165	2.06	2.08	2.04	2.08	2.08	2.11	2.05	2.07	2.07	2.04	2.06	2.06	2.10	2.02	2.04	2.03			
170	2.14	2.17	2.15	2.18	2.18	2.19	2.14	2.16	2.16	2.13	2.15	2.15	2.20	2.14	2.15	2.13			
175	2.18	2.21	2.20	2.23	2.24	2.24	2.18	2.20	2.20	2.18	2.20	2.20	2.24	2.19	2.20	2.17			
180	2.23	2.24	2.24	2.26	2.29	2.27	2.23	2.23	2.24	2.24	2.24	2.25	2.29	2.25	2.25	2.23			

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