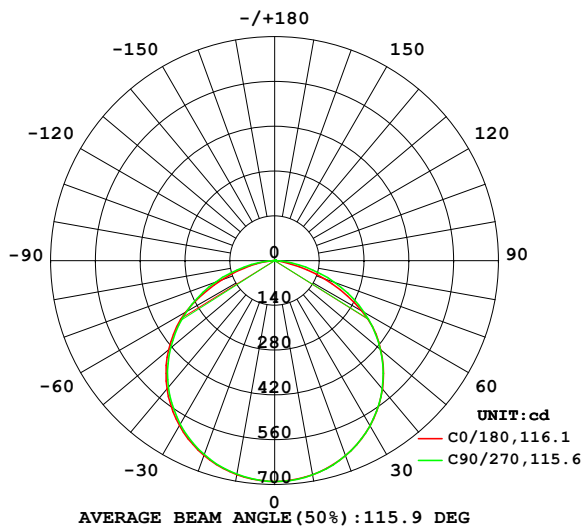


LUMINAIRE PHOTOMETRIC TEST REPORT

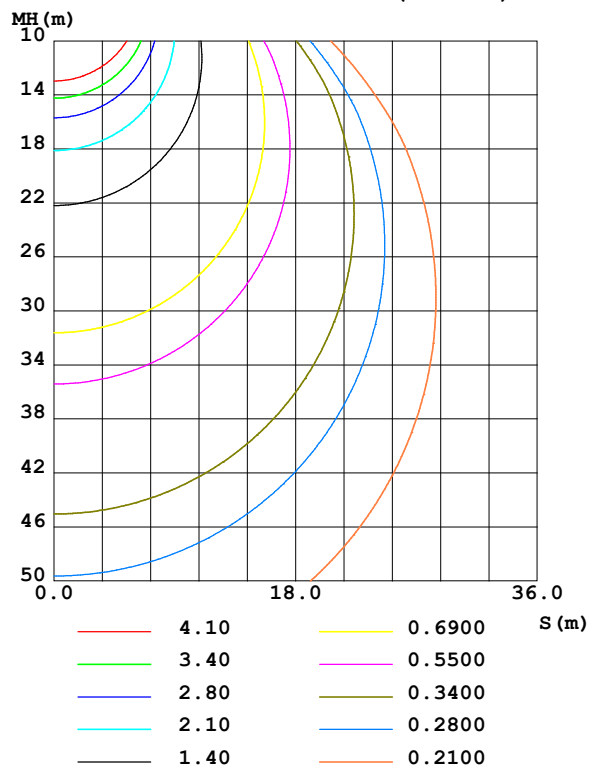
Test:U:23.998V I:1.0017A P:24.039W PF:1.0000 Freq:49.99Hz Lamp Flux:16.9576x120 lm		
NAME: 2835-120D-IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 84.65 lm/W
MODEL	3000K	I _{max} (cd)	690.1	S/MH(C0/180)	1.28	
NOMINAL POWER(W)	24	LOR(%)	100.0	S/MH(C90/270)	1.27	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	2034.9	η UP,DN(C0-180)	0.2,50.0	
NOMINAL FLUX(lm)	16.9576	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.2,49.6	
LAMPS INSIDE	120	η up (%)	0.4	CIBSE SHR NOM	1.25	
TEST VOLTAGE(V)	24	η down (%)	99.6	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:2024-05-05

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	679.8	680.1	680.3	680.1	679.4	678.7	678.2	678.6	0- 10	65.36	65.36	3.21,3.21
20	648.6	648.8	648.8	648.8	647.7	646.2	644.7	645.9	10- 20	188.1	253.4	12.5,12.5
30	596.6	596.6	596.0	596.7	595.4	593.1	590.4	592.5	20- 30	287.5	540.9	26.6,26.6
40	524.4	524.1	523.3	524.6	523.4	520.6	516.8	519.4	30- 40	350.8	891.8	43.8,43.8
50	433.3	432.5	431.7	433.7	432.9	429.8	425.3	427.7	40- 50	369.1	1261	62,62
60	314.6	323.4	322.9	325.5	322.1	322.1	317.1	319.0	50- 60	338.0	1599	78.6,78.6
70	164.1	199.8	200.0	203.0	176.6	201.1	196.2	196.7	60- 70	256.9	1856	91.2,91.2
80	30.57	76.27	76.97	79.70	59.65	78.43	74.44	73.94	70- 80	140.3	1996	98.1,98.1
90	0.3827	2.091	1.485	2.509	0.4045	2.878	1.670	2.297	80- 90	31.80	2028	99.6,99.6
100	0.5014	0.4672	0.4966	0.4776	0.5518	0.5516	0.5250	0.5383	90-100	0.9229	2029	99.7,99.7
110	0.7508	0.7164	0.6898	0.7240	0.7934	0.7827	0.7454	0.7640	100-110	0.6586	2029	99.7,99.7
120	1.024	0.9659	0.9469	0.9787	1.048	1.022	0.9920	1.000	110-120	0.8618	2030	99.8,99.8
130	1.292	1.223	1.209	1.246	1.308	1.276	1.244	1.250	120-130	1.008	2031	99.8,99.8
140	1.533	1.467	1.464	1.498	1.555	1.526	1.491	1.488	130-140	1.067	2032	99.9,99.9
150	1.749	1.691	1.700	1.724	1.773	1.751	1.727	1.719	140-150	1.014	2033	99.9,99.9
160	1.920	1.898	1.933	1.921	1.946	1.940	1.947	1.913	150-160	0.8436	2034	100,100
170	2.072	2.069	2.115	2.073	2.096	2.095	2.139	2.084	160-170	0.5683	2035	100,100
180	2.161	2.174	2.214	2.165	2.164	2.174	2.217	2.186	170-180	0.2033	2035	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1114.2 lm

%lum = 54.8%

%lamp = 54.8%

Conical surface Flux(120deg): 1598.8 lm

%lum = 78.6%

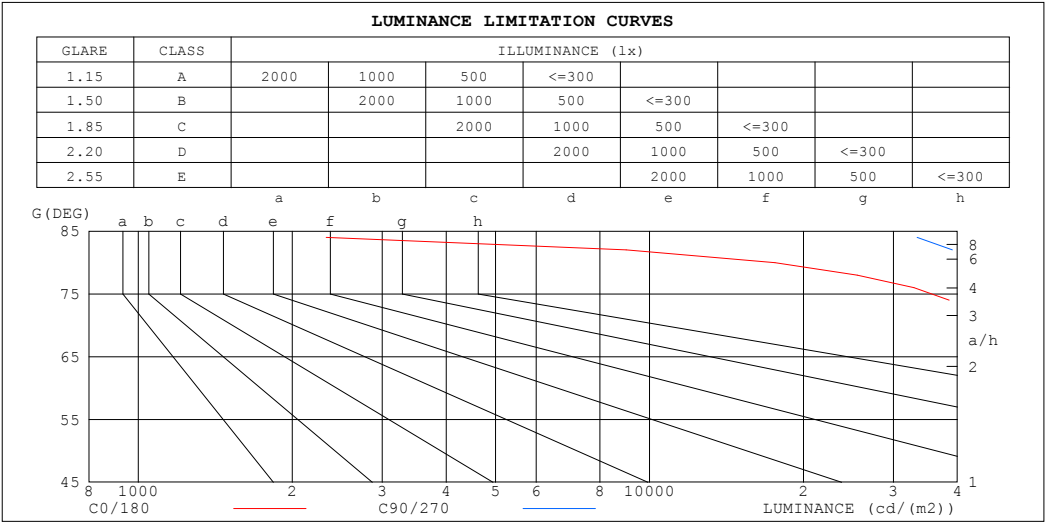
%lamp = 78.6%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-05-05

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:1.0017A P:24.039W PF:1.0000 Freq:49.99Hz Lamp Flux:16.9576x120 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	2794	40036
80	17598	44341
75	41063	57690
70	47961	58495
65	60185	65119
60	62886	64603
55	68279	68028
50	67370	67186
45	69259	69141

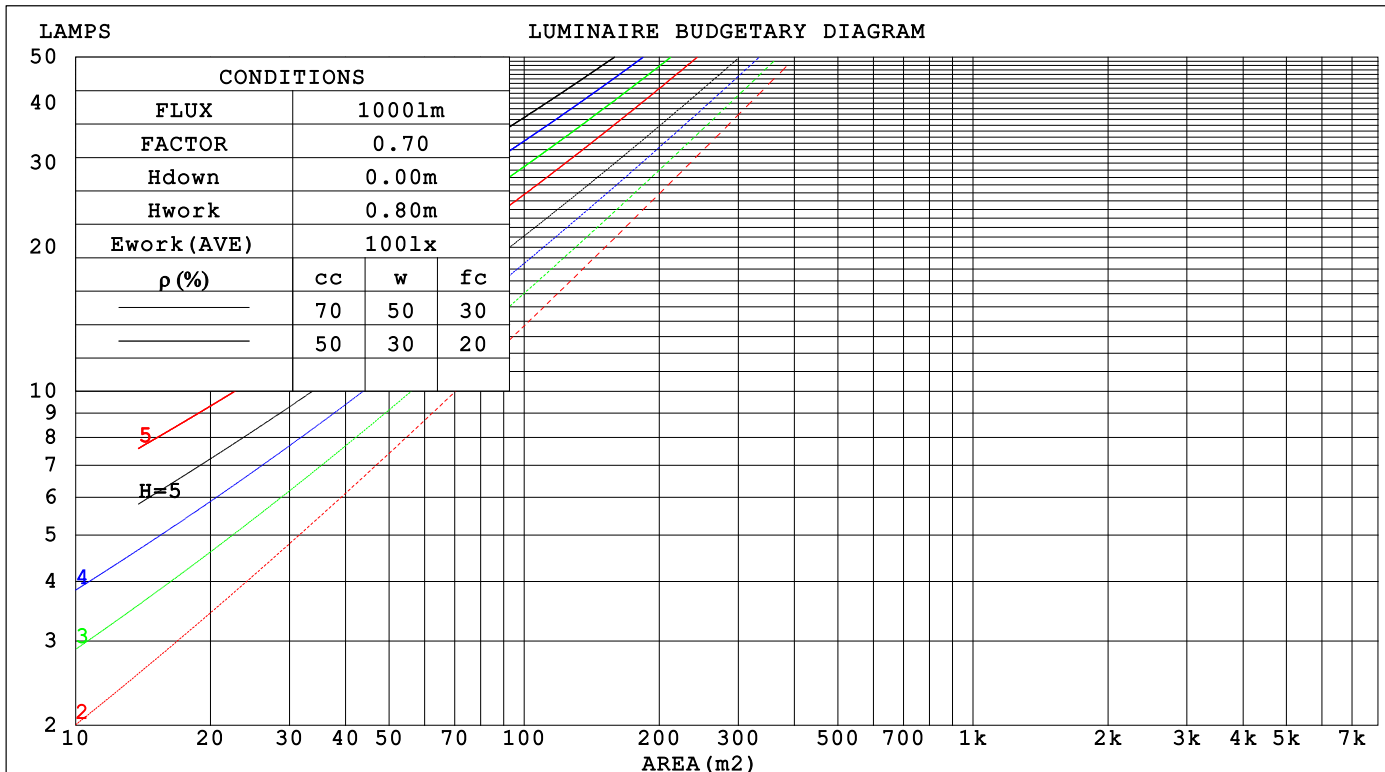
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-05-05

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:1.0017A P:24.039W PF:1.0000 Freq:49.99Hz Lamp Flux:16.9576x120 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															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	.88	.86	.83														
2.0	.90	.84	.78	.88	.82	.77	.85	.80	.75	.82	.77	.73	.78	.75	.71	.69														
3.0	.79	.71	.64	.78	.70	.64	.75	.68	.63	.72	.66	.61	.69	.64	.60	.58														
4.0	.70	.61	.54	.69	.60	.54	.66	.59	.53	.64	.57	.52	.62	.56	.52	.49														
5.0	.62	.53	.47	.61	.53	.46	.59	.52	.46	.57	.51	.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	.46	.39	.35	.33														
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29														
9.0	.43	.34	.29	.42	.34	.29	.41	.33	.28	.40	.33	.28	.39	.32	.28	.26														
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24														



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-05-05

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:1.0017A P:24.039W PF:1.0000 Freq:49.99Hz Lamp Flux:16.9576x120 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	.308	.175	.055	.300	.171	.054	.287	.165	.053	.275	.158	.051	.263	.153	.049		
2.0	.291	.160	.049	.285	.157	.048	.273	.152	.047	.262	.147	.046	.252	.143	.045		
3.0	.270	.144	.043	.265	.142	.043	.254	.138	.042	.244	.134	.041	.235	.130	.040		
4.0	.250	.130	.038	.245	.128	.038	.235	.125	.037	.227	.122	.037	.219	.119	.036		
5.0	.231	.118	.034	.227	.116	.034	.218	.114	.033	.211	.111	.033	.203	.109	.033		
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.190	.100	.030		
7.0	.199	.099	.028	.196	.098	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027		
8.0	.186	.091	.026	.183	.090	.025	.177	.089	.025	.172	.087	.025	.166	.085	.025		
9.0	.175	.084	.024	.172	.084	.023	.166	.082	.023	.161	.081	.023	.157	.080	.023		
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.076	.021	.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	.156	.136	.118	.107	.094	.082	.062	.054	.048	.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	.098	.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	.138	.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	.108	.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:2024-05-05

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:1.0017A P:24.039W PF:1.0000 Freq:49.99Hz Lamp Flux:16.9576x120 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		25.1	26.6	25.3	26.8	27.0	25.1	26.6	25.3	26.8	27.0
3H		26.4	27.8	26.7	28.0	28.3	26.6	28.0	26.9	28.2	28.5
4H		26.8	28.1	27.1	28.4	28.6	27.2	28.5	27.5	28.8	29.0
6H		26.9	28.2	27.2	28.4	28.7	27.5	28.8	27.9	29.1	29.4
8H		26.9	28.1	27.2	28.4	28.7	27.6	28.8	28.0	29.1	29.4
12H		26.8	28.0	27.2	28.3	28.6	27.6	28.8	28.0	29.1	29.4
4H 2H		25.7	27.0	26.0	27.3	27.5	25.7	27.0	26.0	27.3	27.6
3H		27.2	28.4	27.6	28.7	29.0	27.4	28.6	27.8	28.9	29.2
4H		27.8	28.9	28.2	29.2	29.5	28.1	29.2	28.5	29.5	29.8
6H		28.1	29.0	28.5	29.4	29.7	28.6	29.5	29.0	29.9	30.2
8H		28.1	28.9	28.5	29.3	29.7	28.7	29.6	29.1	29.9	30.3
12H		28.0	28.8	28.5	29.2	29.7	28.7	29.5	29.2	29.9	30.4
8H 4H		28.1	29.0	28.5	29.3	29.7	28.3	29.2	28.7	29.6	30.0
6H		28.5	29.2	28.9	29.6	30.1	28.9	29.7	29.4	30.1	30.5
8H		28.6	29.2	29.0	29.7	30.1	29.1	29.8	29.6	30.2	30.7
12H		28.6	29.2	29.1	29.6	30.1	29.2	29.8	29.7	30.2	30.7
12H 4H		28.1	28.9	28.5	29.3	29.7	28.3	29.1	28.8	29.5	29.9
6H		28.5	29.2	29.0	29.6	30.1	29.0	29.6	29.4	30.0	30.5
8H		28.7	29.2	29.1	29.7	30.2	29.2	29.7	29.7	30.2	30.7
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, 2035 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:2024-05-05

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:1.0017A P:24.039W PF:1.0000 Freq:49.99Hz Lamp Flux:16.9576x120 lm		
NAME: 2835-120D-IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	Shielding Angle:

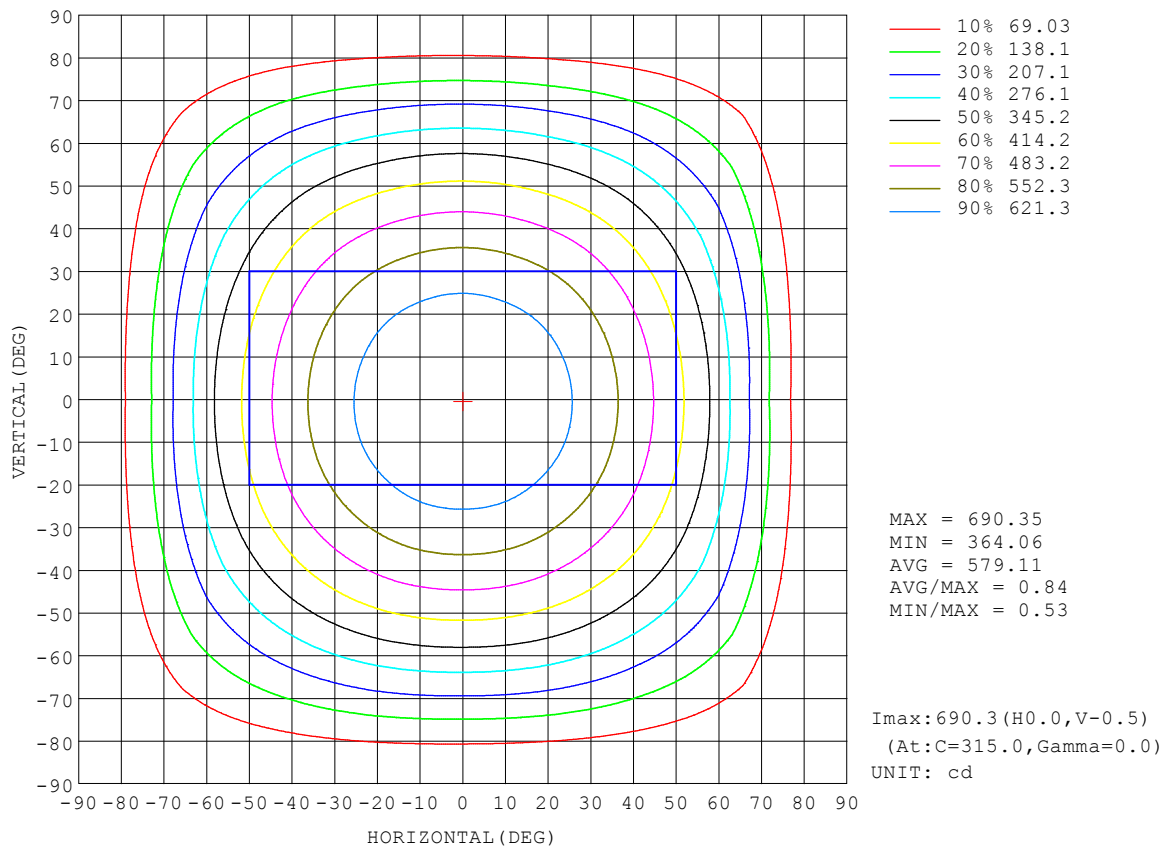
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	31
0.80	67	55	48	66	55	48	64	54	47	40
1.00	76	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	65	79	70	64	56
1.50	88	78	71	86	77	70	83	75	69	62
2.00	95	86	80	93	85	79	89	83	77	69
2.50	99	91	85	97	90	84	93	87	82	74
3.00	102	95	90	100	94	89	96	91	86	78
4.00	106	101	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:2024-05-05

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:1.0017A P:24.039W PF:1.0000 Freq:49.99Hz Lamp Flux:16.9576x120 lm		
NAME: 2835-120D-IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	Shielding Angle:

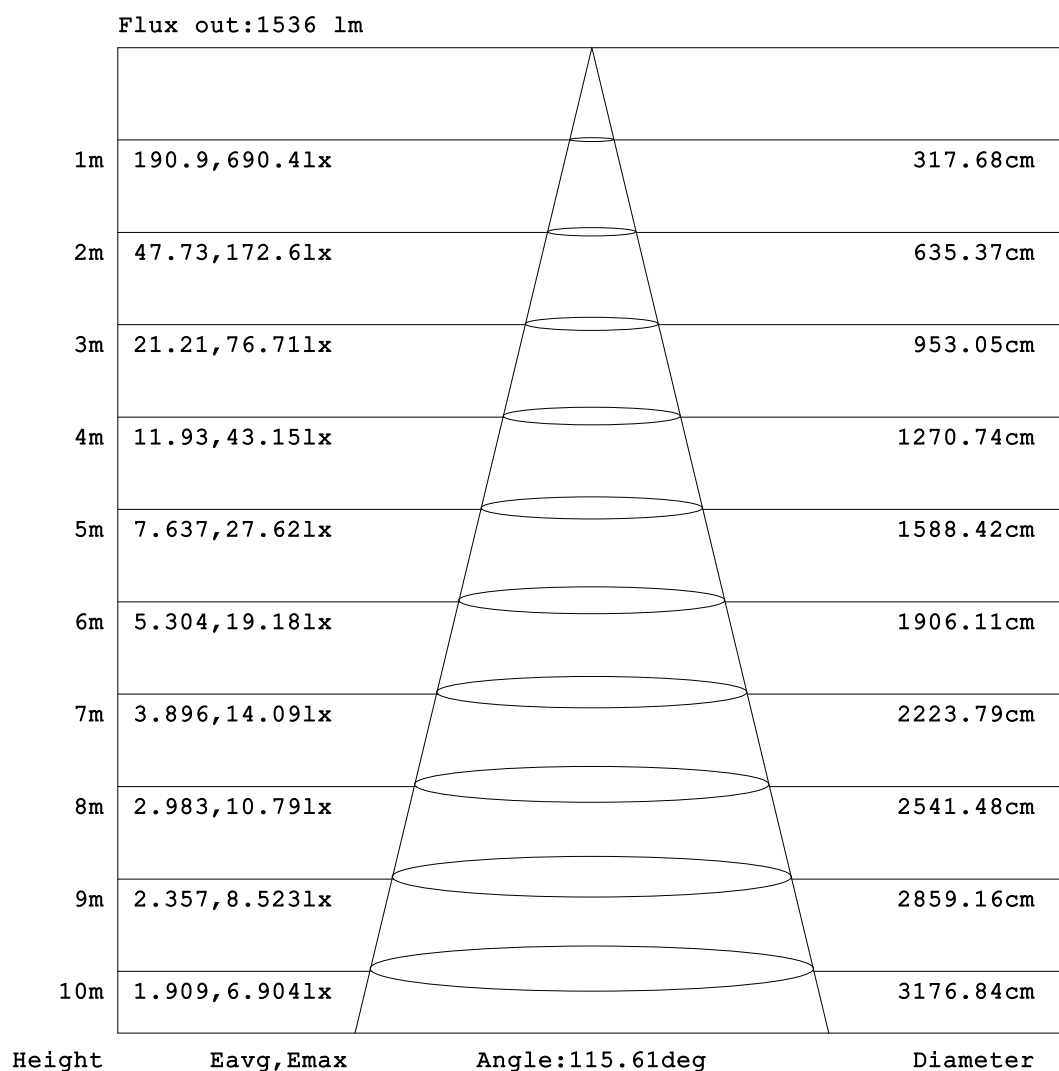


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-05-05

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:1.0017A P:24.039W PF:1.0000 Freq:49.99Hz Lamp Flux:16.9576x120 lm		
NAME: 2835-120D-IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	Shielding Angle:



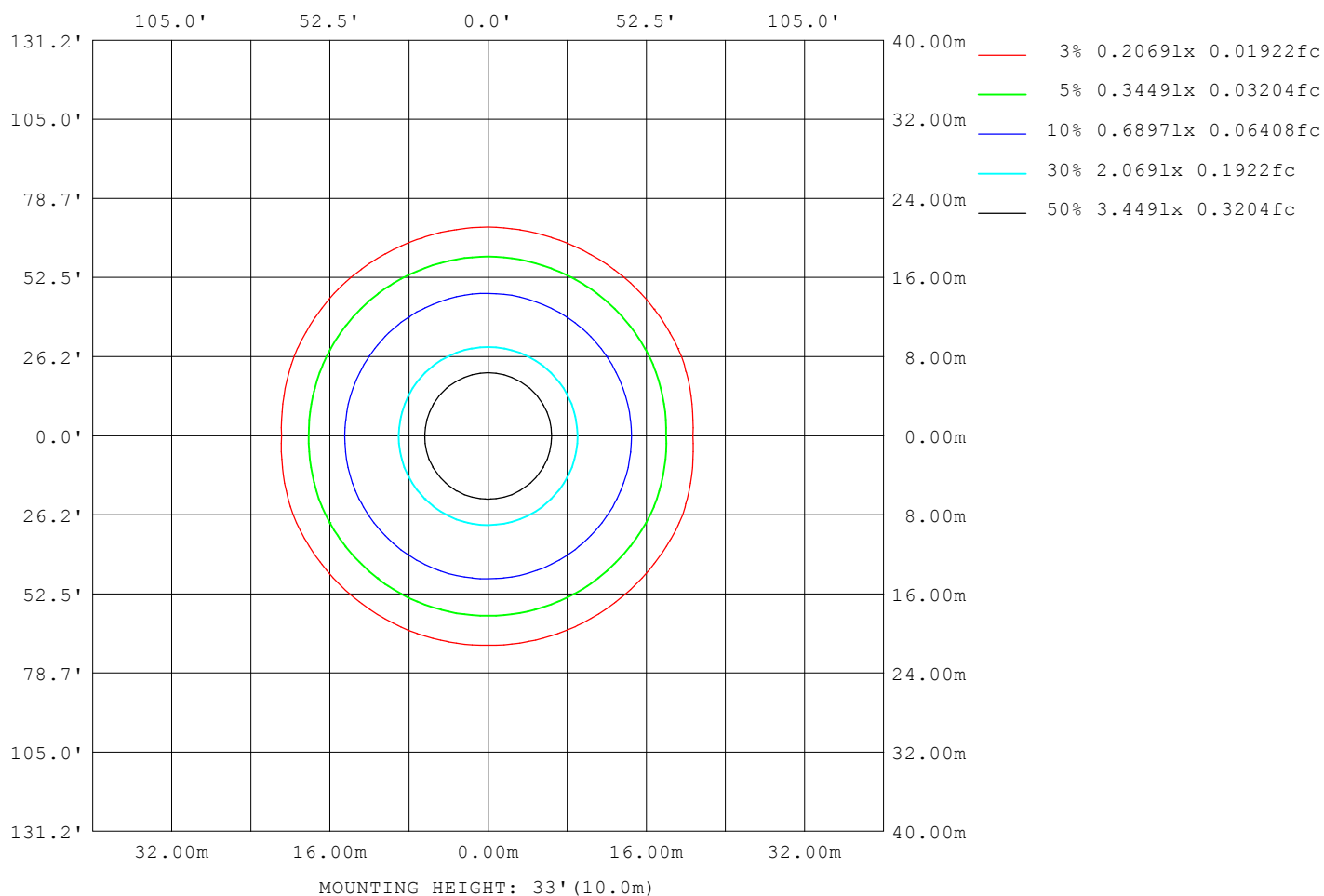
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-05-05

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:1.0017A P:24.039W PF:1.0000 Freq:49.99Hz Lamp Flux:16.9576x120 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:2024-05-05

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:1.0017A P:24.039W PF:1.0000 Freq:49.99Hz Lamp Flux:16.9576x120 lm		
NAME: 2835-120D-IP20	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.010*1	Shielding Angle:

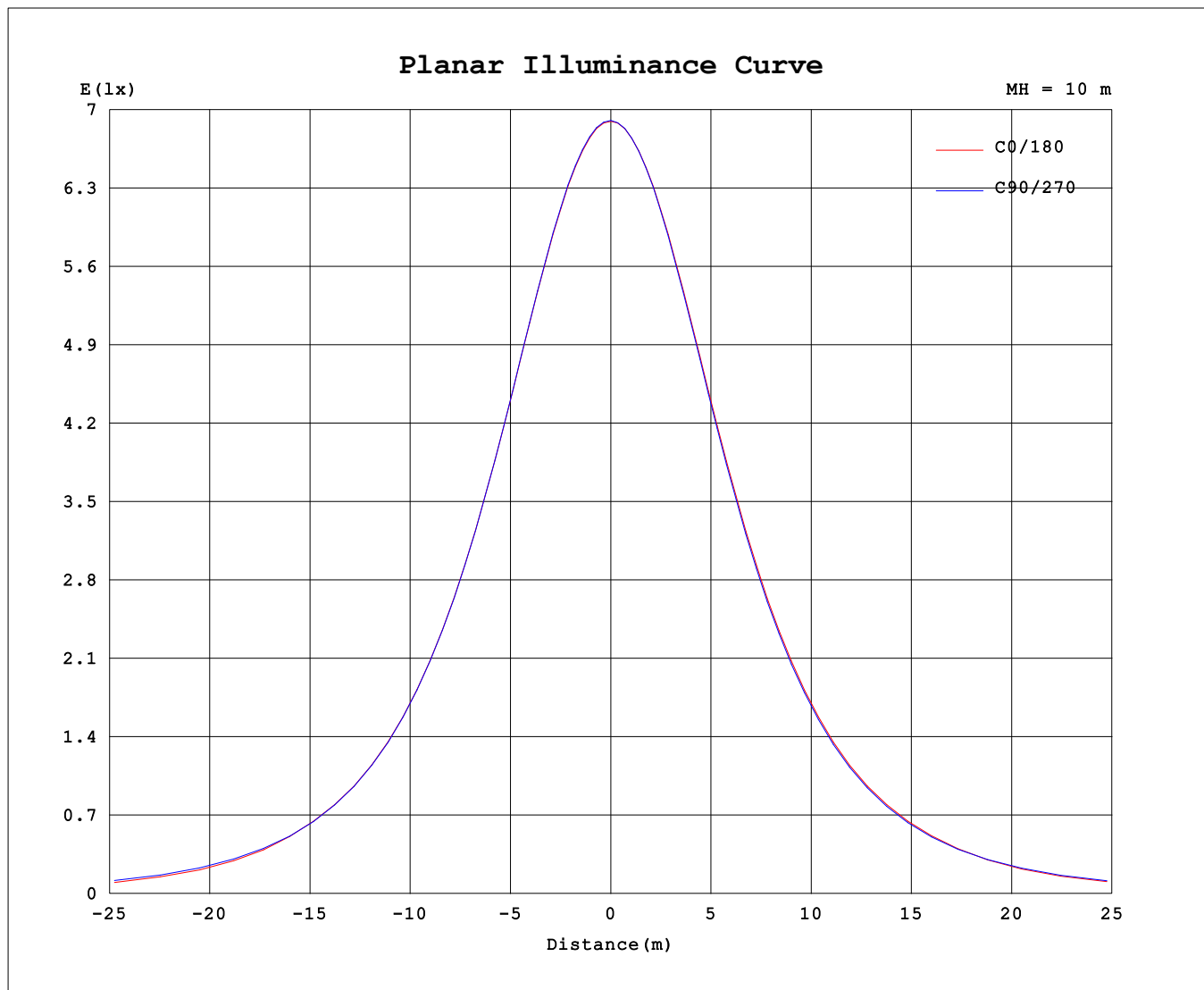
AvgL	cd/m2
L_0~180 (65) av	57789
L_0~180 (75) av	39343
L_0~180 (85) av	8601
L_90~270 (65) av	61598
L_90~270 (75) av	52223
L_90~270 (85) av	29925
L_45 (65) av	62150
L_45 (75) av	52895
L_45 (85) av	31383

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-05-05

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



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024-05-05

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.998V I:1.0017A P:24.039W PF:1.0000 Freq:49.99Hz Lamp Flux:16.9576x120 lm																	
NAME: 2835-120D-IP20									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.: 0.010*1						Shielding Angle:		

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	690	690	690	690	690	690	690	690	690	690	690	690	690	690	690	690	
5	689	689	689	689	689	689	689	689	688	688	688	688	688	688	688	688	
10	680	680	680	680	680	681	680	680	679	679	679	678	678	678	679	679	
15	670	670	670	671	670	671	670	670	669	668	668	667	667	667	668	669	
20	649	649	649	649	649	649	649	649	648	646	646	645	645	644	646	647	
25	630	631	630	631	630	631	630	630	629	628	627	626	626	625	627	628	
30	597	598	597	597	596	597	597	597	595	594	593	591	590	590	592	594	
35	570	571	570	570	569	571	570	571	569	567	566	564	563	563	566	567	
40	524	526	524	524	523	525	525	525	523	521	521	517	517	516	519	521	
45	490	491	490	490	489	491	490	491	489	487	486	483	482	481	485	487	
50	433	435	433	433	432	434	434	435	433	431	430	426	425	424	428	430	
55	392	393	391	391	390	393	392	394	392	389	389	385	384	383	386	388	
60	315	326	323	324	323	326	325	327	322	322	322	318	317	316	319	320	
65	254	278	275	276	275	278	278	279	264	275	275	271	270	268	271	273	
70	164	202	200	201	200	204	203	205	177	201	201	197	196	194	197	197	
75	106	151	149	150	149	153	152	154	123	150	151	147	146	144	146	146	
80	30.6	77.1	76.3	76.8	77.0	79.1	79.7	80.4	59.7	78.5	78.4	76.1	74.4	73.2	73.9	74.8	
85	2.44	35.7	34.4	35.3	34.9	37.4	37.6	38.8	20.8	36.8	37.3	34.7	34.1	32.4	33.7	33.5	
90	0.38	2.32	2.09	1.86	1.49	2.22	2.51	2.97	0.40	2.82	2.88	2.05	1.67	1.86	2.30	2.27	
95	0.38	0.38	0.93	0.94	0.77	0.99	1.06	0.44	0.43	0.46	1.15	1.19	0.96	1.11	1.02	0.45	
100	0.50	0.50	0.47	0.48	0.50	0.50	0.48	0.51	0.55	0.53	0.55	0.53	0.52	0.51	0.54	0.53	
105	0.60	0.60	0.57	0.56	0.54	0.58	0.57	0.60	0.65	0.61	0.64	0.60	0.61	0.58	0.62	0.62	
110	0.75	0.76	0.72	0.71	0.69	0.73	0.72	0.77	0.79	0.76	0.78	0.74	0.75	0.72	0.76	0.76	
115	0.86	0.87	0.82	0.82	0.79	0.83	0.83	0.87	0.89	0.85	0.87	0.83	0.85	0.82	0.86	0.86	
120	1.02	1.02	0.97	0.97	0.95	0.99	0.98	1.02	1.05	1.01	1.02	0.99	0.99	0.96	1.00	1.01	
125	1.13	1.13	1.07	1.07	1.05	1.10	1.08	1.13	1.15	1.11	1.12	1.09	1.09	1.06	1.10	1.11	
130	1.29	1.28	1.22	1.23	1.21	1.27	1.25	1.29	1.31	1.27	1.28	1.25	1.24	1.21	1.25	1.25	
135	1.39	1.38	1.32	1.33	1.31	1.38	1.35	1.39	1.41	1.37	1.38	1.36	1.34	1.31	1.35	1.35	
140	1.53	1.52	1.47	1.48	1.46	1.52	1.50	1.54	1.56	1.51	1.53	1.50	1.49	1.45	1.49	1.49	
145	1.63	1.61	1.56	1.57	1.56	1.62	1.60	1.63	1.65	1.60	1.62	1.60	1.59	1.54	1.59	1.58	
150	1.75	1.74	1.69	1.70	1.70	1.76	1.72	1.76	1.77	1.73	1.75	1.73	1.73	1.68	1.72	1.71	
155	1.82	1.82	1.77	1.79	1.79	1.84	1.81	1.84	1.85	1.81	1.83	1.82	1.82	1.76	1.80	1.79	
160	1.92	1.93	1.90	1.92	1.93	1.97	1.92	1.95	1.95	1.91	1.94	1.94	1.95	1.88	1.91	1.89	
165	1.99	2.00	1.97	2.00	2.01	2.04	1.99	2.01	2.01	1.98	2.01	2.01	2.04	1.96	1.99	1.97	
170	2.07	2.10	2.07	2.11	2.11	2.13	2.07	2.09	2.10	2.07	2.10	2.09	2.14	2.07	2.08	2.06	
175	2.11	2.15	2.12	2.16	2.16	2.17	2.12	2.14	2.14	2.11	2.15	2.13	2.19	2.12	2.14	2.11	
180	2.16	2.17	2.17	2.19	2.21	2.21	2.17	2.17	2.16	2.17	2.17	2.19	2.22	2.19	2.19	2.16	

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