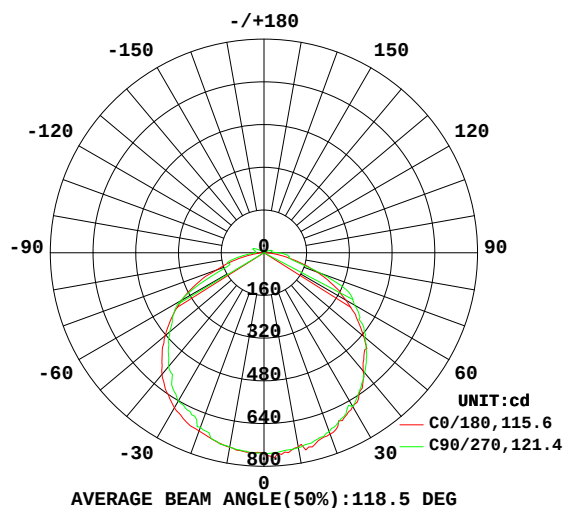


LUMINAIRE PHOTOMETRIC TEST REPORT

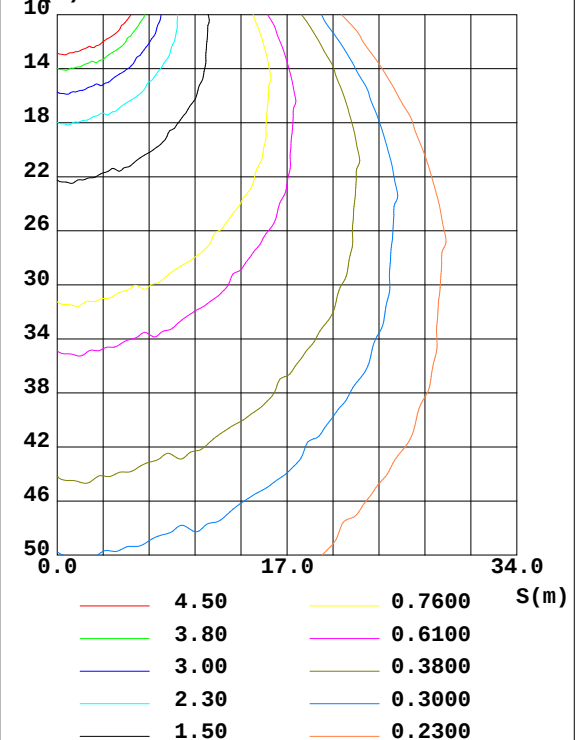
Test:U:24.00V I:0.6481A P:15.56W PF:1.000 Lamp Flux:2320.37x1 lm		
NAME: SAX12002155	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:0.01*1.0*0.002	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 149.17 lm/W			
MODEL		I _{max} (cd)	775.3	S/MH(C0/180)	1.32
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)		TOTAL FLUX(lm)	2320.4	η UP, DN(C0-180)	1.3, 49.9
NOMINAL FLUX(lm)	2320.37	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.8, 47.0
LAMPS INSIDE	1	η up(%)	3.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)		η down(%)	96.9	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:LY
Test Date:2020-02-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:9.660m [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	738.8	737.9	741.6	759.0	739.9	719.8	739.9	747.3	0- 10	70.98	70.98	3.06, 3.06
20	722.7	718.0	714.2	739.1	710.6	699.4	695.6	723.6	10- 20	205.6	276.6	11.9, 11.9
30	664.3	650.5	665.6	681.6	670.8	648.3	641.9	649.3	20- 30	315.2	591.8	25.5, 25.5
40	577.6	585.8	587.2	603.6	593.9	572.9	555.9	584.3	30- 40	387.7	979.4	42.2, 42.2
50	487.8	493.0	491.8	504.3	483.3	462.1	461.7	469.6	40- 50	408.9	1388	59.8, 59.8
60	353.9	370.1	392.1	379.9	356.2	344.5	362.0	351.3	50- 60	376.9	1765	76.1, 76.1
70	211.7	235.4	228.1	249.3	188.4	185.9	141.1	201.3	60- 70	284.3	2050	88.3, 88.3
80	72.22	77.88	95.39	79.38	60.50	85.98	99.09	88.53	70- 80	141.1	2191	94.4, 94.4
90	4.385	41.83	53.74	44.79	1.994	26.53	31.28	29.59	80- 90	57.95	2249	96.9, 96.9
100	1.027	24.12	29.43	25.13	1.058	29.96	33.81	30.87	90-100	25.32	2274	98, 98
110	1.608	12.77	27.87	11.89	1.534	27.57	44.31	29.79	100-110	22.96	2297	99, 99
120	2.193	2.123	7.180	2.114	2.025	7.196	21.94	7.856	110-120	12.35	2309	99.5, 99.5
130	2.622	2.411	2.401	2.456	2.439	2.502	8.563	2.612	120-130	4.175	2313	99.7, 99.7
140	2.898	2.789	2.732	2.843	2.807	2.806	2.822	2.938	130-140	2.345	2316	99.8, 99.8
150	3.082	3.063	3.062	3.139	3.082	3.048	3.047	3.171	140-150	1.843	2318	99.9, 99.9
160	3.281	3.320	3.377	3.465	3.297	3.231	3.393	3.466	150-160	1.482	2319	99.9, 99.9
170	3.558	3.457	3.633	3.698	3.512	3.488	3.528	3.730	160-170	0.9752	2320	100, 100
180	3.650	3.685	3.648	3.777	3.665	3.654	3.633	3.761	170-180	0.3445	2320	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1184.4 lm

%lum = 51.0%

%lamp = 51.0%

Conical surface Flux(120deg): 1765.2 lm

%lum = 76.1%

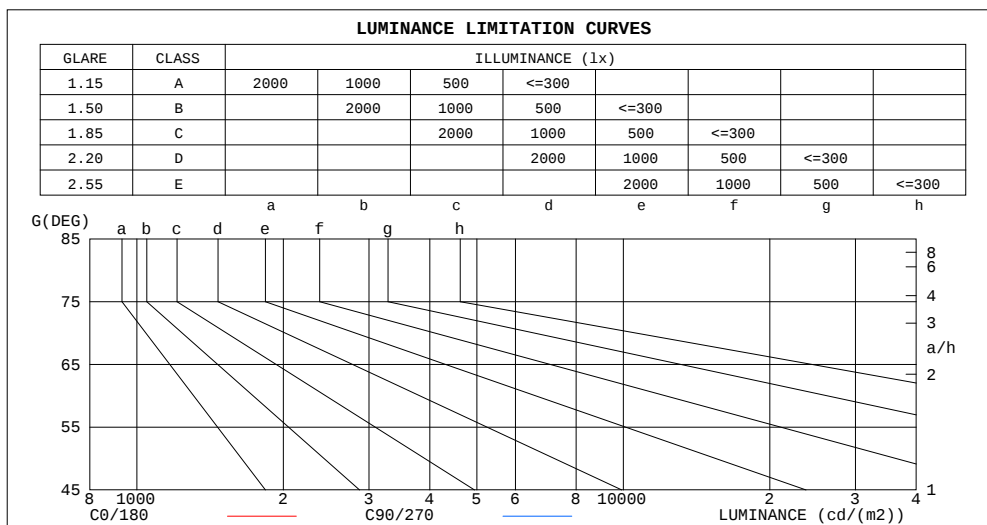
%lamp = 76.1%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LY
 Test Date: 2020-02-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.351
 Humidity: 65.0%
 Test Distance: 9.660m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:24.00V I:0.6481A P:15.56W PF:1.000 Lamp Flux:2320.37x1 lm		
NAME: SAX12002155	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:0.01*1.0*0.002	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	15033408	49133048
80	20591022	27783751
75	25865237	22500242
70	30637219	33732327
65	33600583	42072629
60	35037574	39661985
55	36420834	38261217
50	37568550	38695034
45	37198237	38954783

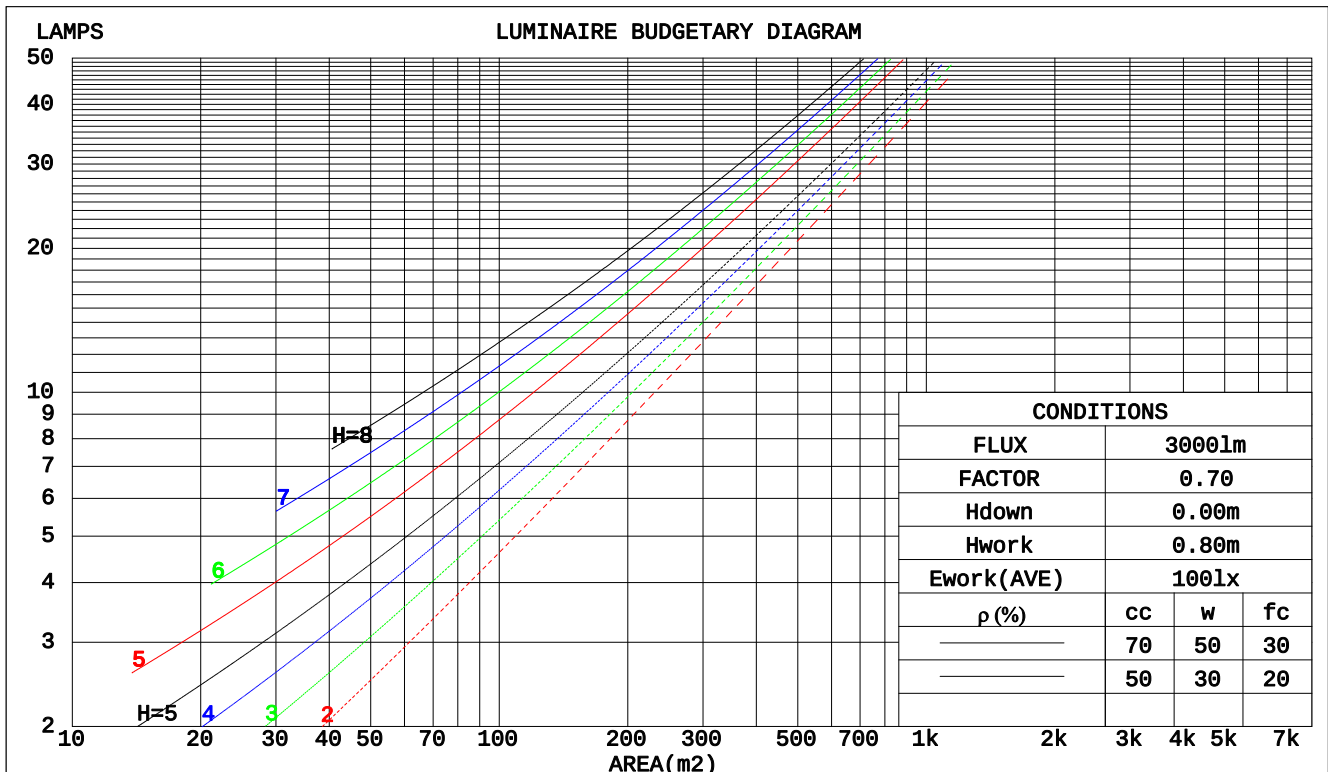
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LY
Test Date:2020-02-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:9.660m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.6481A P:15.56W PF:1.000 Lamp Flux:2320.37x1 lm		
NAME: SAX12002155	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:0.01*1.0*0.002	Shielding Angle:

ρ _{CC}	80%			70%			50%			30%			10%			0
ρ _W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.03	.99	.95	1.00	.96	.93	.96	.92	.89	.91	.88	.86	.87	.85	.83	.81
2.0	.90	.83	.77	.87	.81	.76	.83	.78	.73	.80	.75	.71	.76	.73	.69	.67
3.0	.79	.70	.64	.77	.69	.63	.73	.67	.61	.70	.65	.60	.67	.63	.59	.56
4.0	.69	.61	.54	.68	.60	.53	.65	.58	.52	.62	.56	.51	.60	.54	.50	.48
5.0	.62	.53	.46	.61	.52	.46	.58	.51	.45	.56	.49	.44	.54	.48	.43	.41
6.0	.56	.47	.40	.54	.46	.40	.52	.45	.39	.50	.44	.39	.49	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.31	.42	.35	.30	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.27	.37	.31	.27	.25
10.0	.39	.31	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LY
 Test Date: 2020-02-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.351
 Humidity: 65.0%
 Test Distance: 9.660m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:24.00V I:0.6481A P:15.56W PF:1.000 Lamp Flux:2320.37x1 lm									
NAME: SAX12002155					TYPE:			WEIGHT:	
SPEC.:					DIM.:			SERIAL No.:	
MFR.:					SUR.:0.01*1.0*0.002			Shielding Angle:	

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.314	.178	.056	.306	.174	.055	.291	.167	.053	.277	.160	.051	.264	.153	.049	
2.0	.293	.161	.049	.286	.157	.048	.272	.151	.047	.260	.146	.046	.249	.141	.044	
3.0	.271	.144	.043	.264	.142	.043	.252	.137	.042	.241	.132	.041	.231	.128	.040	
4.0	.250	.130	.038	.244	.128	.038	.233	.124	.037	.224	.120	.036	.214	.117	.035	
5.0	.231	.118	.034	.226	.116	.034	.216	.113	.033	.207	.109	.033	.199	.106	.032	
6.0	.214	.107	.031	.209	.106	.030	.201	.103	.030	.193	.100	.029	.186	.098	.029	
7.0	.199	.098	.028	.195	.097	.028	.187	.095	.027	.180	.092	.027	.174	.090	.026	
8.0	.186	.091	.026	.182	.090	.025	.175	.088	.025	.169	.086	.025	.163	.084	.024	
9.0	.174	.084	.024	.171	.083	.023	.165	.081	.023	.159	.080	.023	.153	.078	.022	
10.0	.164	.079	.022	.161	.078	.022	.155	.076	.021	.150	.074	.021	.145	.073	.021	

ρ _{cc}	80%			70%			50%			30%			10%			0
ρ _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.214	.214	.214	.183	.183	.183	.125	.125	.125	.072	.072	.072	.023	.023	.023	
1.0	.204	.180	.158	.175	.154	.136	.120	.106	.094	.069	.061	.055	.022	.020	.018	
2.0	.196	.156	.122	.168	.134	.105	.115	.093	.073	.066	.054	.043	.021	.017	.014	
3.0	.189	.138	.098	.162	.119	.085	.111	.083	.060	.064	.048	.035	.021	.016	.012	
4.0	.181	.125	.082	.155	.108	.072	.107	.075	.050	.062	.044	.030	.020	.014	.010	
5.0	.174	.115	.071	.149	.099	.062	.103	.069	.044	.060	.041	.026	.019	.013	.009	
6.0	.167	.107	.063	.143	.092	.055	.099	.065	.039	.057	.038	.023	.019	.012	.008	
7.0	.160	.100	.058	.138	.086	.050	.095	.061	.036	.055	.036	.021	.018	.012	.007	
8.0	.153	.094	.053	.132	.082	.046	.091	.057	.033	.053	.034	.020	.017	.011	.006	
9.0	.147	.089	.050	.127	.077	.043	.088	.054	.031	.051	.032	.018	.017	.011	.006	
10.0	.142	.085	.047	.122	.074	.041	.085	.052	.029	.049	.031	.017	.016	.010	.006	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LY
Test Date:2020-02-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:9.660m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:24.00V I:0.6481A P:15.56W PF:1.000 Lamp Flux:2320.37x1 lm											
NAME: SAX12002155						TYPE:			WEIGHT:		
SPEC.:						DIM.:			SERIAL No.:		
MFR.:						SUR.:0.01*1.0*0.002			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		49.3	50.8	49.6	51.0	51.3	49.8	51.3	50.1	51.5	51.8
	3H	50.7	52.1	51.1	52.4	52.7	51.4	52.8	51.8	53.1	53.4
	4H	51.2	52.5	51.6	52.9	53.2	51.7	53.0	52.1	53.4	53.7
	6H	51.5	52.8	51.9	53.1	53.4	52.0	53.2	52.4	53.6	53.9
	8H	51.6	52.8	52.0	53.1	53.5	52.2	53.4	52.6	53.8	54.1
	12H	51.6	52.8	52.0	53.1	53.5	52.6	53.7	53.0	54.1	54.4
4H	2H	50.0	51.3	50.3	51.6	51.9	50.4	51.7	50.7	52.0	52.3
	3H	51.6	52.7	52.0	53.1	53.5	52.2	53.3	52.6	53.7	54.0
	4H	52.2	53.3	52.6	53.6	54.0	52.5	53.6	53.0	54.0	54.4
	6H	52.6	53.5	53.1	54.0	54.4	52.9	53.8	53.4	54.2	54.7
	8H	52.7	53.6	53.2	54.0	54.5	53.2	54.1	53.7	54.5	55.0
	12H	52.8	53.6	53.3	54.0	54.5	53.7	54.5	54.2	54.9	55.4
8H	4H	52.5	53.3	52.9	53.7	54.2	52.7	53.6	53.2	54.0	54.5
	6H	53.0	53.7	53.5	54.2	54.7	53.2	53.9	53.7	54.4	54.9
	8H	53.2	53.8	53.7	54.3	54.8	53.7	54.3	54.2	54.8	55.3
	12H	53.3	53.9	53.9	54.4	54.9	54.4	54.9	54.9	55.4	55.9
12H	4H	52.4	53.2	52.9	53.7	54.2	52.7	53.5	53.2	54.0	54.4
	6H	53.0	53.7	53.6	54.2	54.7	53.3	53.9	53.8	54.4	54.9
	8H	53.3	53.8	53.8	54.3	54.9	53.8	54.3	54.3	54.8	55.4
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.1 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.4					

CIE Pub.117 Corrected 2320 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.9)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LY
Test Date:2020-02-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:9.660m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.6481A P:15.56W PF:1.000 Lamp Flux:2320.37x1 lm		
NAME: SAX12002155	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:0.01*1.0*0.002	Shielding Angle:

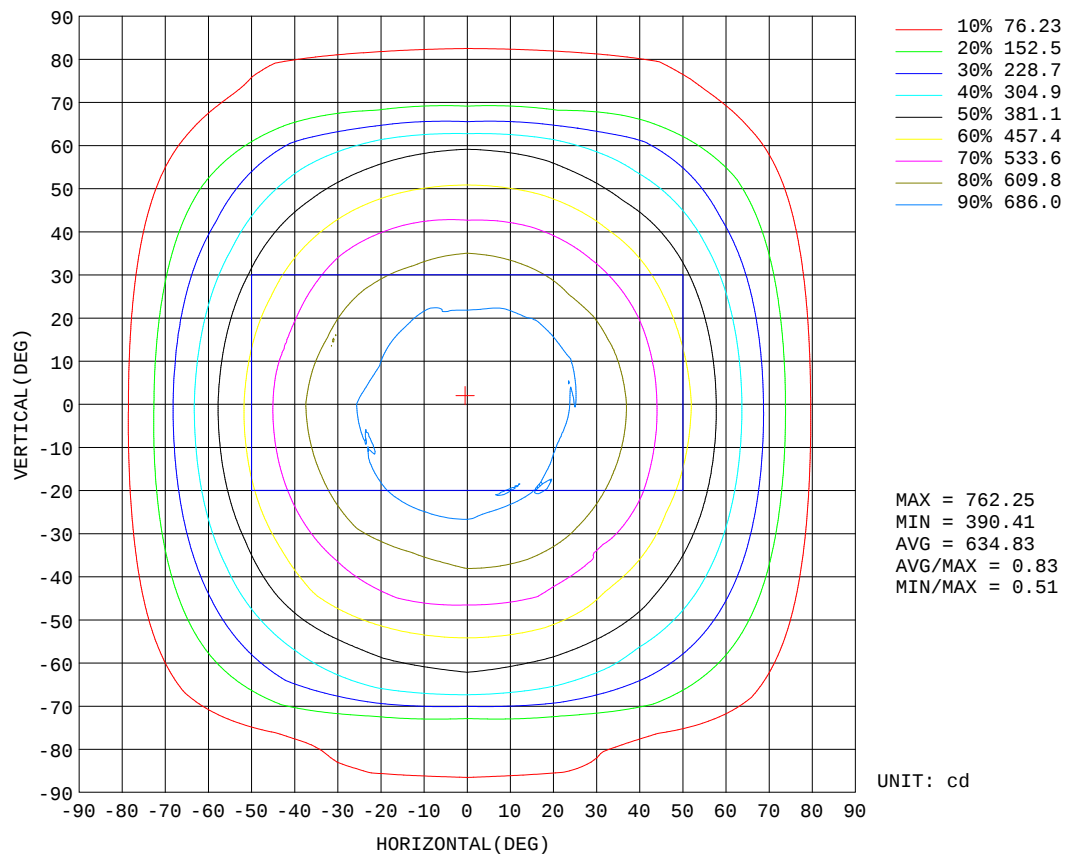
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	56	44	37	55	44	37	54	43	37	30
0.80	66	54	47	65	54	46	63	53	46	39
1.00	74	63	56	73	62	55	71	64	55	47
1.25	82	71	63	80	70	63	77	68	62	54
1.50	87	76	69	85	75	69	81	73	67	60
2.00	94	85	78	92	83	77	88	81	75	67
2.50	98	89	83	95	88	82	91	85	80	71
3.00	101	94	88	99	92	87	94	89	84	75
4.00	105	99	94	102	97	93	98	93	90	80
5.00	107	102	98	105	100	96	100	96	93	83
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:LY
Test Date:2020-02-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:9.660m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.6481A P:15.56W PF:1.000 Lamp Flux:2320.37x1 lm		
NAME: SAX12002155	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:0.01*1.0*0.002	Shielding Angle:

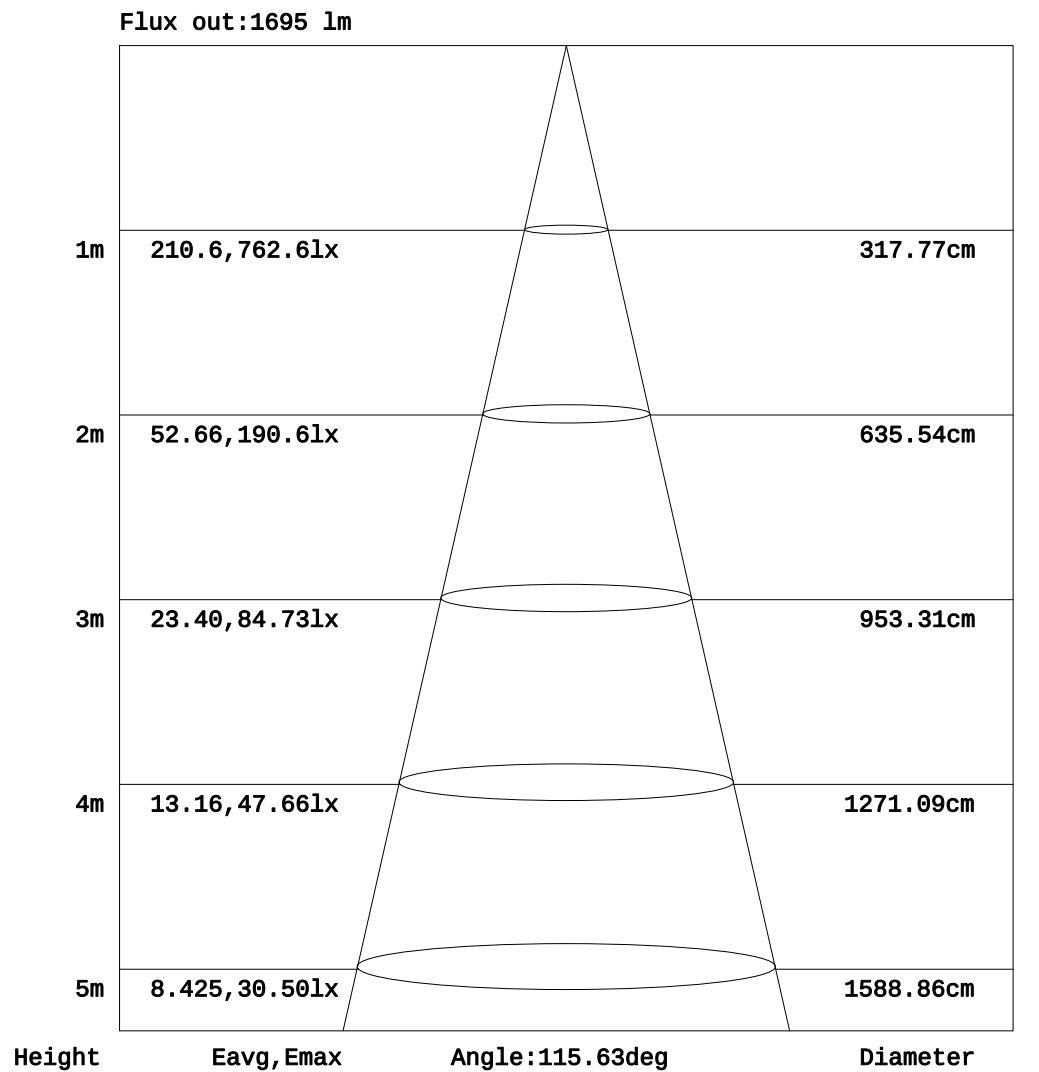


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LY
Test Date:2020-02-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:9.660m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.00V I:0.6481A P:15.56W PF:1.000 Lamp Flux:2320.37x1 lm		
NAME: SAX12002155	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:0.01*1.0*0.002	Shielding Angle:



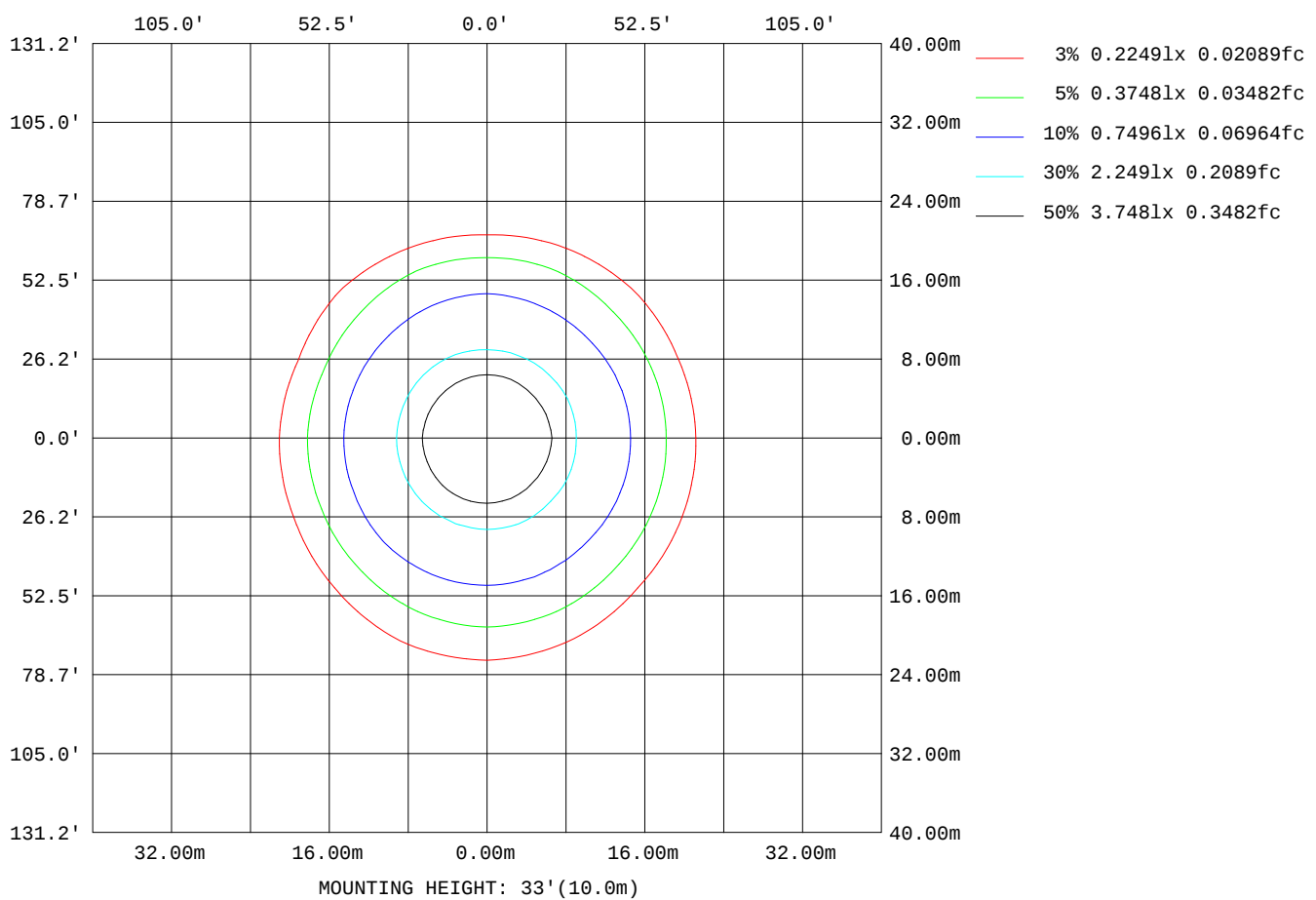
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LY
 Test Date:2020-02-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:9.660m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:24.00V I:0.6481A P:15.56W PF:1.000 Lamp Flux:2320.37x1 lm		
NAME: SAX12002155	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:0.01*1.0*0.002	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LY
Test Date: 2020-02-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 9.660m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:24.00V I:0.6481A P:15.56W PF:1.000 Lamp Flux:2320.37x1 lm		
NAME: SAX12002155	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:0.01*1.0*0.002	Shielding Angle:

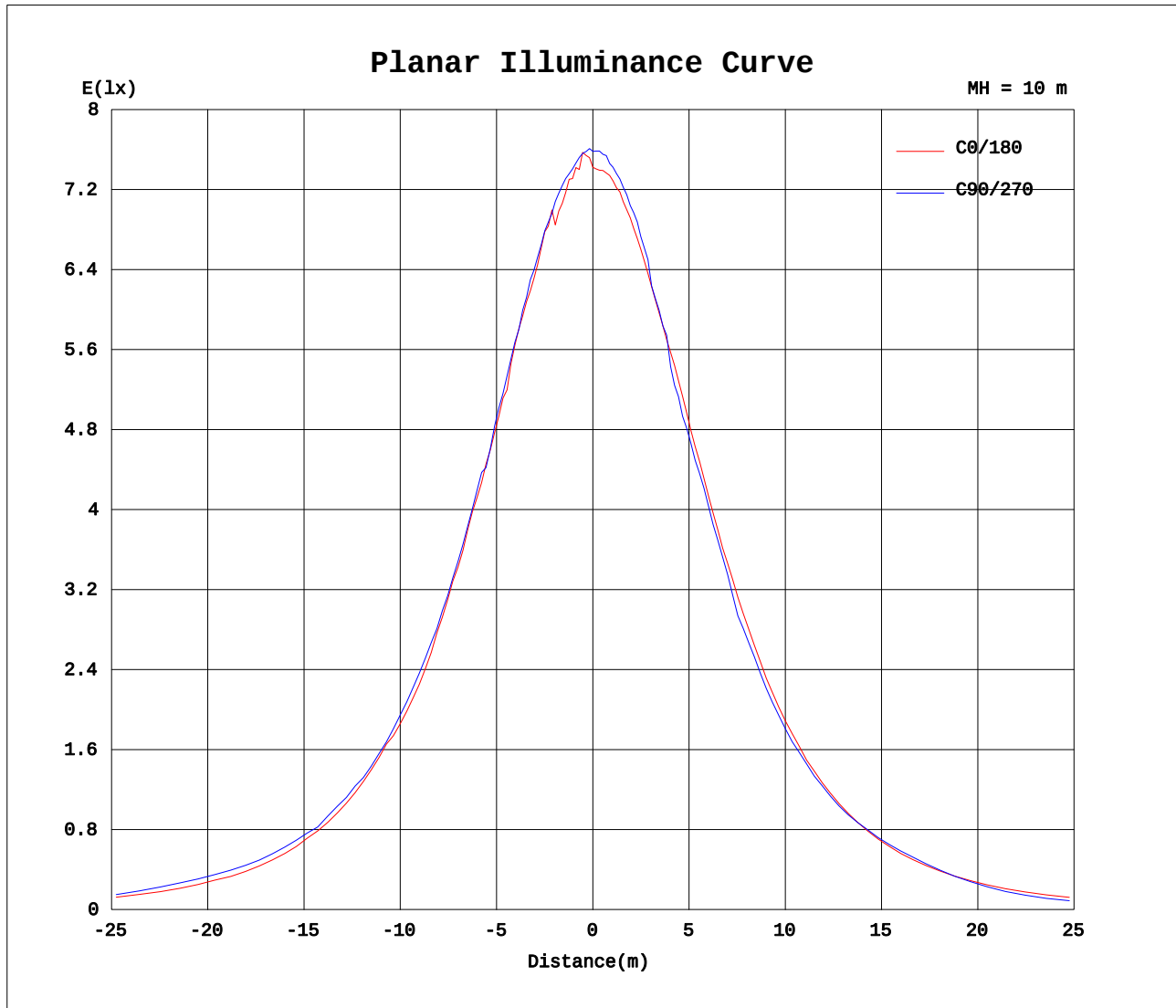
AvgL	cd/m2
L_0~180(65)av	33605101
L_0~180(75)av	24843466
L_0~180(85)av	13023374
L_90~270(65)av	34930366
L_90~270(75)av	24786664
L_90~270(85)av	40208483
L_45(65)av	35164362
L_45(75)av	24929667
L_45(85)av	33185910

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LY
 Test Date:2020-02-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:9.660m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LY
Test Date: 2020-02-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 9.660m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.6481A P:15.56W PF:1.000 Lamp Flux:2320.37x1 lm																	
NAME: SAX12002155									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.:0.01*1.0*0.002						Shielding Angle:		

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	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750			
5	758	750	750	747	747	747	759	759	750	737	749	751	746	747	755	744			
10	739	735	738	742	742	744	759	736	740	732	720	730	740	736	747	731			
15	742	721	725	736	730	731	760	721	727	716	718	715	726	730	740	738			
20	723	708	718	710	714	708	739	711	711	699	699	685	696	703	724	714			
25	694	671	683	685	686	686	712	683	696	667	672	662	655	676	704	690			
30	664	657	650	660	666	663	682	658	671	659	648	643	642	641	649	653			
35	629	624	630	633	626	632	651	623	636	614	610	598	603	601	621	610			
40	578	574	586	584	587	567	604	583	594	571	573	567	556	548	584	569			
45	531	532	532	546	545	552	555	536	539	527	520	515	506	503	523	519			
50	488	469	493	492	492	501	504	481	483	462	462	466	462	462	470	467			
55	422	424	428	442	434	442	455	420	421	406	404	412	418	408	411	413			
60	354	357	370	386	392	385	380	354	356	334	344	363	362	362	351	345			
65	287	292	302	331	352	341	317	283	281	261	282	260	239	260	288	274			
70	212	221	235	245	228	247	249	212	188	186	186	146	141	146	201	203			
75	135	146	156	124	115	125	163	143	122	119	95.1	125	141	122	102	132			
80	72.2	88.6	77.9	84.3	95.4	86.9	79.4	82.7	60.5	59.7	86.0	96.2	99.1	96.4	88.5	69.8			
85	26.5	41.9	57.7	78.7	84.7	78.6	61.8	37.1	18.9	30.9	52.8	53.4	55.5	55.3	59.1	32.8			
90	4.39	21.6	41.8	50.4	53.7	52.0	44.8	20.0	1.99	17.8	26.5	29.5	31.3	30.1	29.6	20.2			
95	0.86	15.8	25.4	31.3	31.2	31.9	26.9	14.9	0.81	15.5	24.9	28.5	30.1	28.8	25.0	14.8			
100	1.03	13.2	24.1	28.8	29.4	29.1	25.1	9.72	1.06	17.7	30.0	32.7	33.8	32.5	30.9	17.3			
105	1.26	2.51	23.2	29.9	31.7	29.5	22.2	1.83	1.30	8.27	37.6	39.2	39.1	39.6	39.3	8.61			
110	1.61	1.62	12.8	25.3	27.9	24.5	11.9	1.66	1.53	3.54	27.6	42.5	44.3	43.4	29.8	3.54			
115	1.87	1.90	3.54	14.4	18.0	14.3	3.51	1.89	1.81	1.88	13.7	31.8	36.7	31.4	14.4	1.91			
120	2.19	2.15	2.12	4.91	7.18	5.03	2.11	2.16	2.02	1.99	7.20	17.4	21.9	17.3	7.86	2.03			
125	2.39	2.38	2.24	2.31	2.93	2.32	2.30	2.39	2.29	2.21	4.57	10.7	14.1	10.9	4.75	2.21			
130	2.62	2.59	2.41	2.49	2.40	2.50	2.46	2.56	2.44	2.41	2.50	6.28	8.56	6.75	2.61	2.43			
135	2.70	2.76	2.65	2.68	2.49	2.68	2.77	2.77	2.62	2.67	2.62	3.73	5.37	3.64	2.78	2.63			
140	2.90	2.94	2.79	2.88	2.73	2.85	2.84	2.93	2.81	2.74	2.81	2.74	2.82	2.68	2.94	2.72			
145	2.94	3.02	2.93	2.95	2.91	2.97	2.95	3.05	2.98	2.88	2.87	2.85	2.93	2.76	3.06	2.89			
150	3.08	3.19	3.06	3.09	3.06	3.11	3.14	3.07	3.08	3.05	3.05	2.89	3.05	3.03	3.17	3.01			
155	3.16	3.31	3.15	3.27	3.15	3.26	3.25	3.22	3.19	3.14	3.17	3.11	3.23	3.17	3.36	3.14			
160	3.28	3.37	3.32	3.44	3.38	3.39	3.47	3.40	3.30	3.23	3.23	3.17	3.39	3.38	3.47	3.22			
165	3.48	3.44	3.40	3.47	3.39	3.51	3.51	3.46	3.39	3.41	3.41	3.47	3.44	3.39	3.59	3.40			
170	3.56	3.49	3.46	3.50	3.63	3.62	3.70	3.55	3.51	3.44	3.49	3.48	3.53	3.54	3.73	3.48			
175	3.71	3.58	3.62	3.63	3.63	3.62	3.78	3.63	3.59	3.64	3.53	3.56	3.63	3.63	3.70	3.61			
180	3.65	3.64	3.68	3.65	3.65	3.62	3.78	3.67	3.67	3.69	3.65	3.65	3.63	3.53	3.76	3.63			

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