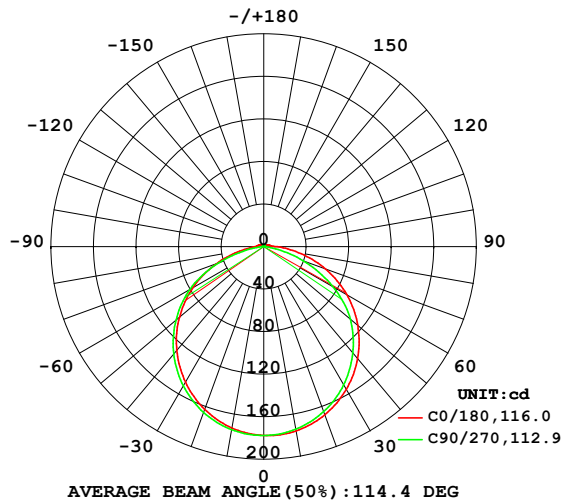


LUMINAIRE PHOTOMETRIC TEST REPORT

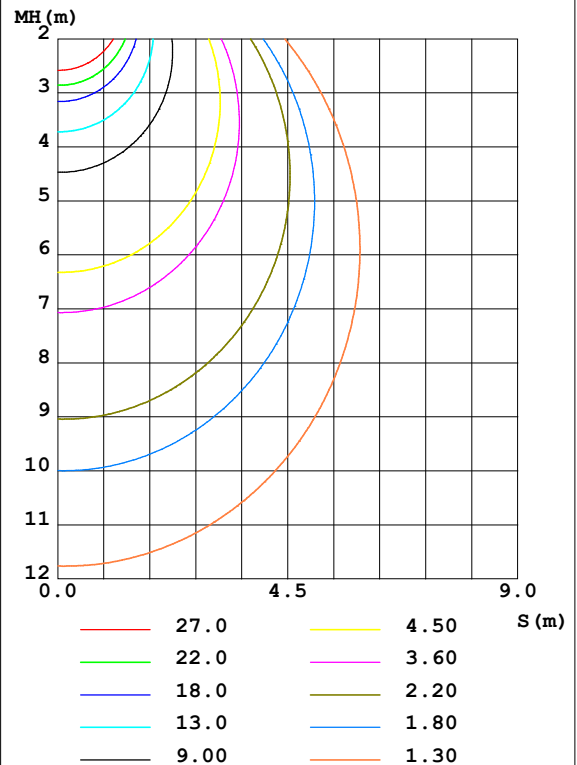
Test:U:23.998V I:0.3258A P:7.8185W PF:1.0000 Freq:0Hz Lamp Flux:537.062x1 lm		
NAME: 012012	TYPE:012012	WEIGHT:
SPEC.:1000*12*12	DIM.: 1000*12*12	SERIAL No.:
MFR.: BLUEVISION	SUR.:1000*12	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 68.69 lm/W			
MODEL	012012	I _{max} (cd)	177.8	S/MH(C0/180)	1.24
NOMINAL POWER(W)	7.75	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	537.06	η UP,DN(C0-180)	1.3,48.9
NOMINAL FLUX(lm)	537.062	CIE CLASS	DIRECT	η UP,DN(C180-360)	1.3,48.5
LAMPS INSIDE	1	η up(%)	2.6	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	η down(%)	97.4	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:KEVINLI
 Test Date:2020-08-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.412
 Humidity:65.0%
 Test Distance:9.650m [K=1.0000]
 Remarks: S2835L120Q24NW40K8IP67-8-006012

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

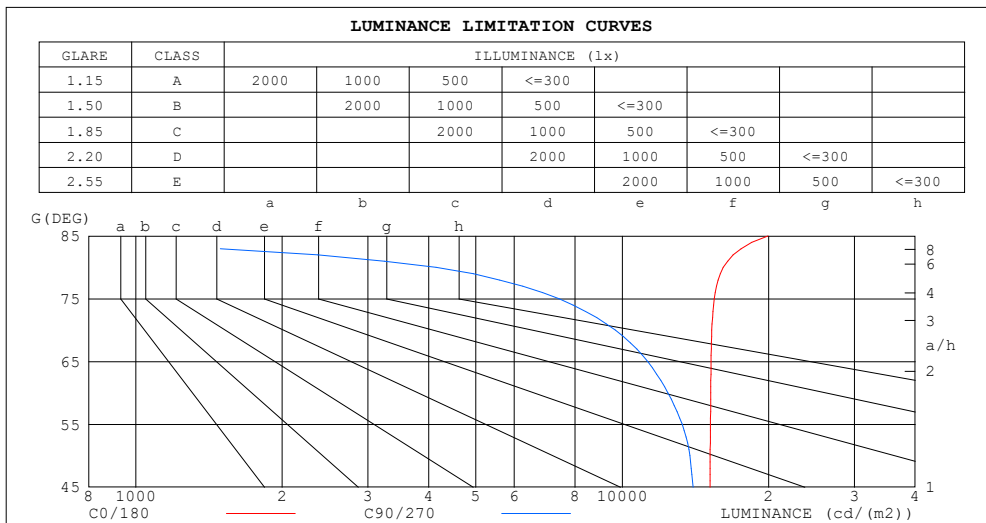
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	176.0	175.8	174.3	173.0	173.2	173.4	174.8	176.0	0- 10	16.81	16.81	3.13,3.13
20	168.3	167.8	165.0	162.6	162.8	163.2	165.9	168.4	10- 20	48.20	65.01	12.1,12.1
30	155.2	154.3	150.3	146.8	147.2	147.5	151.3	155.1	20- 30	73.23	138.2	25.7,25.7
40	137.4	135.9	130.5	126.4	127.3	127.2	131.7	136.9	30- 40	88.75	227.0	42.3,42.3
50	115.5	113.5	106.6	102.4	103.6	103.0	107.8	114.6	40- 50	92.92	319.9	59.6,59.6
60	90.10	87.52	74.76	75.03	76.60	75.54	79.83	88.48	50- 60	85.06	405.0	75.4,75.4
70	61.94	58.92	39.86	45.69	47.55	45.88	45.37	59.72	60- 70	65.81	470.8	87.7,87.7
80	33.21	29.85	8.668	18.29	20.79	18.28	11.43	30.36	70- 80	38.61	509.4	94.8,94.8
90	11.67	8.310	0.0637	5.376	8.116	5.539	0.0382	8.556	80- 90	13.85	523.2	97.4,97.4
100	6.010	3.774	0.1653	3.612	5.913	3.733	0.1848	3.706	90-100	4.759	528.0	98.3,98.3
110	4.400	2.464	0.3054	2.560	4.440	2.607	0.3122	2.316	100-110	3.060	531.1	98.9,98.9
120	3.072	1.463	0.4900	1.908	3.239	1.886	0.4775	1.378	110-120	2.030	533.1	99.3,99.3
130	2.138	1.089	0.6811	1.353	2.362	1.341	0.6687	0.9760	120-130	1.363	534.5	99.5,99.5
140	1.561	0.9497	0.8848	1.059	1.754	1.019	0.8787	0.8997	130-140	0.9373	535.4	99.7,99.7
150	1.210	1.051	1.050	1.110	1.147	1.095	1.031	1.027	140-150	0.6768	536.1	99.8,99.8
160	1.165	1.152	1.178	1.199	1.228	1.209	1.172	1.168	150-160	0.5226	536.6	99.9,99.9
170	1.253	1.253	1.254	1.263	1.316	1.298	1.292	1.270	160-170	0.3470	536.9	100,100
180	1.316	1.298	1.286	1.295	1.328	1.329	1.299	1.302	170-180	0.1226	537.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:KEVINLI
 Test Date:2020-08-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.412
 Humidity:65.0%
 Test Distance:9.650m [K=1.0000]
 Remarks: S2835L120Q24NW40K8IP67-8-006012

LUMINANCE LIMITATION CURVES

Test:U:23.998V I:0.3258A P:7.8185W PF:1.0000 Freq:0Hz Lamp Flux:537.062x1 lm		
NAME: 012012	TYPE:012012	WEIGHT:
SPEC.:1000*12*12	DIM.: 1000*12*12	SERIAL No.:
MFR.: BLUEVISION	SUR.:1000*12	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	19948	225
80	16134	4145
75	15456	7419
70	15281	9679
65	15229	11275
60	15205	12418
55	15185	13281
50	15163	13768
45	15150	13977

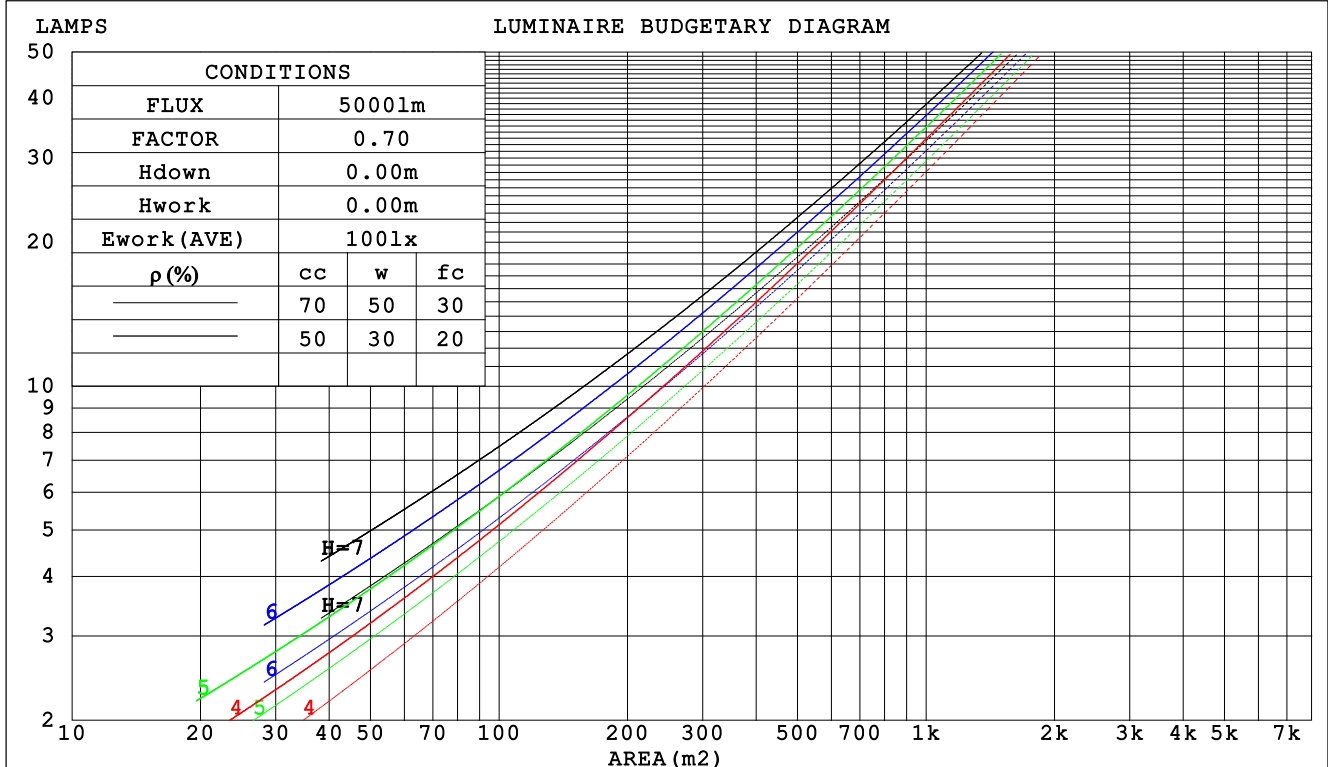
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:KEVINLI
Test Date:2020-08-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.412
Humidity:65.0%
Test Distance:9.650m [K=1.0000]
Remarks: S2835L120Q24NW40K8IP67-8-006012

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:23.998V I:0.3258A P:7.8185W PF:1.0000 Freq:0Hz Lamp Flux:537.062x1 lm		
NAME: 012012	TYPE:012012	WEIGHT:
SPEC.:1000*12*12	DIM.: 1000*12*12	SERIAL No.:
MFR.: BLUEVISION	SUR.:1000*12	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	1.10	1.10	1.10	1.04	1.04	1.04	.00	.00	.00	.97
1.0	1.03	.98	.94	1.00	.96	.93	.95	.92	.89	.91	.88	.86	.87	.85	.83	.81
2.0	.89	.82	.76	.87	.81	.75	.83	.78	.73	.79	.75	.71	.76	.72	.69	.67
3.0	.78	.70	.63	.76	.69	.63	.73	.66	.61	.70	.64	.60	.67	.62	.58	.56
4.0	.69	.60	.53	.68	.59	.53	.65	.58	.52	.62	.56	.51	.60	.54	.50	.48
5.0	.62	.53	.46	.60	.52	.45	.58	.50	.45	.56	.49	.44	.54	.48	.43	.41
6.0	.55	.46	.40	.54	.46	.40	.52	.45	.39	.50	.44	.39	.49	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.47	.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	.32	.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:KEVINLI
 Test Date:2020-08-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.412
 Humidity:65.0%
 Test Distance:9.650m [K=1.0000]
 Remarks: S2835L120Q24NW40K8IP67-8-006012

WEC AND CCEC

Test:U:23.998V I:0.3258A P:7.8185W PF:1.0000 Freq:0Hz Lamp Flux:537.062x1 lm		
NAME: 012012	TYPE:012012	WEIGHT:
SPEC.:1000*12*12	DIM.: 1000*12*12	SERIAL No.:
MFR.: BLUEVISION	SUR.:1000*12	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	.319	.181	.057	.311	.178	.056	.296	.170	.054	.283	.163	.052	.270	.157	.051		
2.0	.297	.163	.050	.290	.160	.049	.277	.154	.048	.265	.149	.046	.254	.143	.045		
3.0	.273	.145	.044	.267	.143	.043	.255	.138	.042	.245	.134	.041	.235	.130	.040		
4.0	.251	.131	.038	.246	.129	.038	.236	.125	.037	.226	.121	.037	.217	.118	.036		
5.0	.232	.118	.034	.227	.117	.034	.218	.113	.033	.209	.110	.033	.201	.107	.032		
6.0	.215	.108	.031	.210	.106	.031	.202	.104	.030	.194	.101	.030	.187	.099	.029		
7.0	.200	.099	.028	.196	.098	.028	.188	.095	.027	.181	.093	.027	.175	.091	.027		
8.0	.186	.091	.026	.183	.090	.025	.176	.088	.025	.170	.086	.025	.164	.084	.024		
9.0	.175	.084	.024	.171	.083	.023	.165	.082	.023	.160	.080	.023	.154	.078	.023		
10.0	.164	.079	.022	.161	.078	.022	.156	.076	.021	.150	.075	.021	.145	.073	.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	.210	.210	.210	.180	.180	.180	.123	.123	.123	.070	.070	.070	.023	.023	.023	
1.0	.201	.176	.153	.172	.151	.132	.117	.104	.091	.068	.060	.053	.022	.019	.017	
2.0	.193	.152	.117	.165	.131	.101	.113	.090	.071	.065	.053	.041	.021	.017	.014	
3.0	.185	.134	.094	.159	.116	.081	.109	.081	.057	.063	.047	.034	.020	.015	.011	
4.0	.178	.121	.078	.152	.105	.068	.105	.073	.048	.061	.043	.028	.019	.014	.009	
5.0	.170	.111	.067	.146	.096	.058	.101	.067	.041	.058	.039	.024	.019	.013	.008	
6.0	.163	.103	.059	.140	.089	.052	.097	.062	.036	.056	.037	.022	.018	.012	.007	
7.0	.156	.096	.053	.134	.083	.046	.093	.058	.033	.054	.034	.020	.017	.011	.006	
8.0	.150	.090	.049	.129	.078	.043	.089	.055	.030	.052	.032	.018	.017	.011	.006	
9.0	.143	.085	.045	.124	.074	.040	.086	.052	.028	.050	.031	.017	.016	.010	.006	
10.0	.138	.081	.043	.119	.070	.037	.082	.049	.027	.048	.029	.016	.016	.010	.005	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:KEVINLI
Test Date:2020-08-13

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.412
Humidity:65.0%
Test Distance:9.650m [K=1.0000]
Remarks: S2835L120Q24NW40K8IP67-8-006012

UGR(Unified Glare Rating) Table

Test:U:23.998V I:0.3258A P:7.8185W PF:1.0000 Freq:0Hz Lamp Flux:537.062x1 lm										
NAME: 012012					TYPE:012012			WEIGHT:		
SPEC.:1000*12*12					DIM.: 1000*12*12			SERIAL No.:		
MFR.: BLUEVISION					SUR.:1000*12			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	24.7	26.2	25.0	26.4	26.7	24.1	25.6	24.4	25.8	26.1
3H	26.5	27.9	26.8	28.2	28.5	25.4	26.8	25.7	27.1	27.4
4H	27.3	28.6	27.7	28.9	29.2	25.8	27.1	26.2	27.4	27.8
6H	28.0	29.3	28.4	29.6	29.9	26.0	27.2	26.4	27.5	27.9
8H	28.3	29.5	28.7	29.9	30.2	26.0	27.2	26.4	27.5	27.9
12H	28.6	29.8	29.0	30.1	30.5	25.9	27.1	26.3	27.4	27.8
4H 2H	25.3	26.6	25.7	26.9	27.2	24.8	26.1	25.2	26.4	26.8
3H	27.3	28.5	27.7	28.8	29.2	26.4	27.6	26.8	27.9	28.3
4H	28.3	29.3	28.7	29.7	30.1	27.1	28.1	27.5	28.5	28.9
6H	29.2	30.1	29.6	30.5	30.9	27.4	28.3	27.8	28.7	29.2
8H	29.6	30.4	30.0	30.8	31.3	27.4	28.3	27.9	28.7	29.2
12H	29.9	30.7	30.4	31.2	31.6	27.4	28.2	27.9	28.7	29.1
8H 4H	28.6	29.5	29.0	29.9	30.3	27.5	28.4	28.0	28.8	29.3
6H	29.7	30.4	30.2	30.8	31.3	28.1	28.8	28.6	29.3	29.8
8H	30.2	30.8	30.7	31.3	31.8	28.3	28.9	28.8	29.4	29.9
12H	30.7	31.3	31.2	31.8	32.3	28.4	28.9	28.9	29.4	29.9
12H 4H	28.6	29.4	29.1	29.8	30.3	27.6	28.4	28.1	28.8	29.3
6H	29.7	30.4	30.2	30.9	31.4	28.3	28.9	28.8	29.4	29.9
8H	30.3	30.9	30.9	31.4	31.9	28.5	29.1	29.1	29.6	30.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.5				

CIE Pub.117, 537.1 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.2)
Area: 0.012 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:KEVINLI
Test Date:2020-08-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.412
Humidity:65.0%
Test Distance:9.650m [K=1.0000]
Remarks: S2835L120Q24NW40K8IP67-8-006012

UTILIZATION FACTORS TABLE

Test:U:23.998V I:0.3258A P:7.8185W PF:1.0000 Freq:0Hz Lamp Flux:537.062x1 lm		
NAME: 012012	TYPE:012012	WEIGHT:
SPEC.:1000*12*12	DIM.: 1000*12*12	SERIAL No.:
MFR.: BLUEVISION	SUR.:1000*12	Shielding Angle:

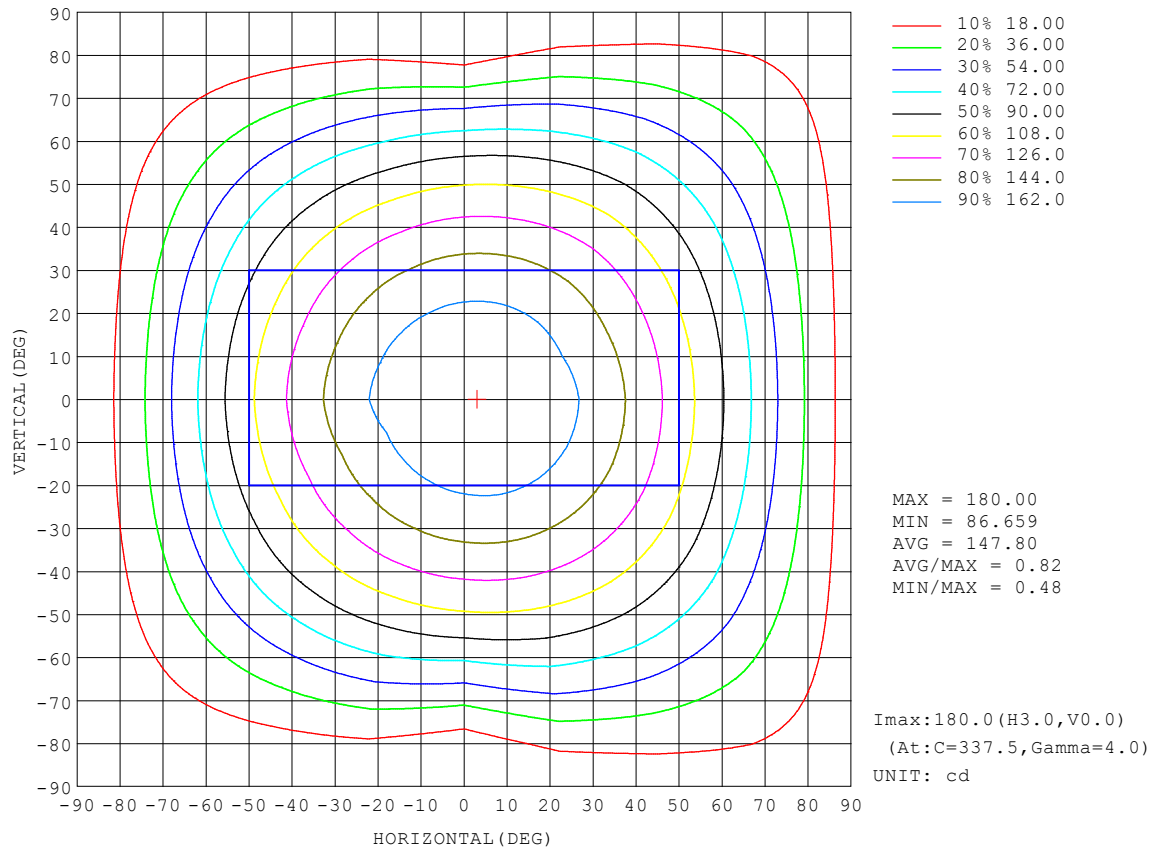
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	47	65	54	46	63	53	46	39
1.00	74	63	55	73	62	55	71	64	55	47
1.25	81	71	63	80	70	63	77	68	62	54
1.50	86	76	69	85	75	68	81	73	67	59
2.00	93	85	78	91	83	77	88	81	75	67
2.50	97	89	83	95	88	82	91	85	80	71
3.00	101	94	88	98	92	87	94	89	84	75
4.00	105	99	94	102	97	92	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					SHRNM = 1.25		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:KEVINLI
Test Date:2020-08-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.412
Humidity:65.0%
Test Distance:9.650m [K=1.0000]
Remarks: S2835L120Q24NW40K8IP67-8-006012

ISOCANDELA DIAGRAM

Test:U:23.998V I:0.3258A P:7.8185W PF:1.0000 Freq:0Hz Lamp Flux:537.062x1 lm		
NAME: 012012	TYPE:012012	WEIGHT:
SPEC.:1000*12*12	DIM.: 1000*12*12	SERIAL No.:
MFR.: BLUEVISION	SUR.:1000*12	Shielding Angle:

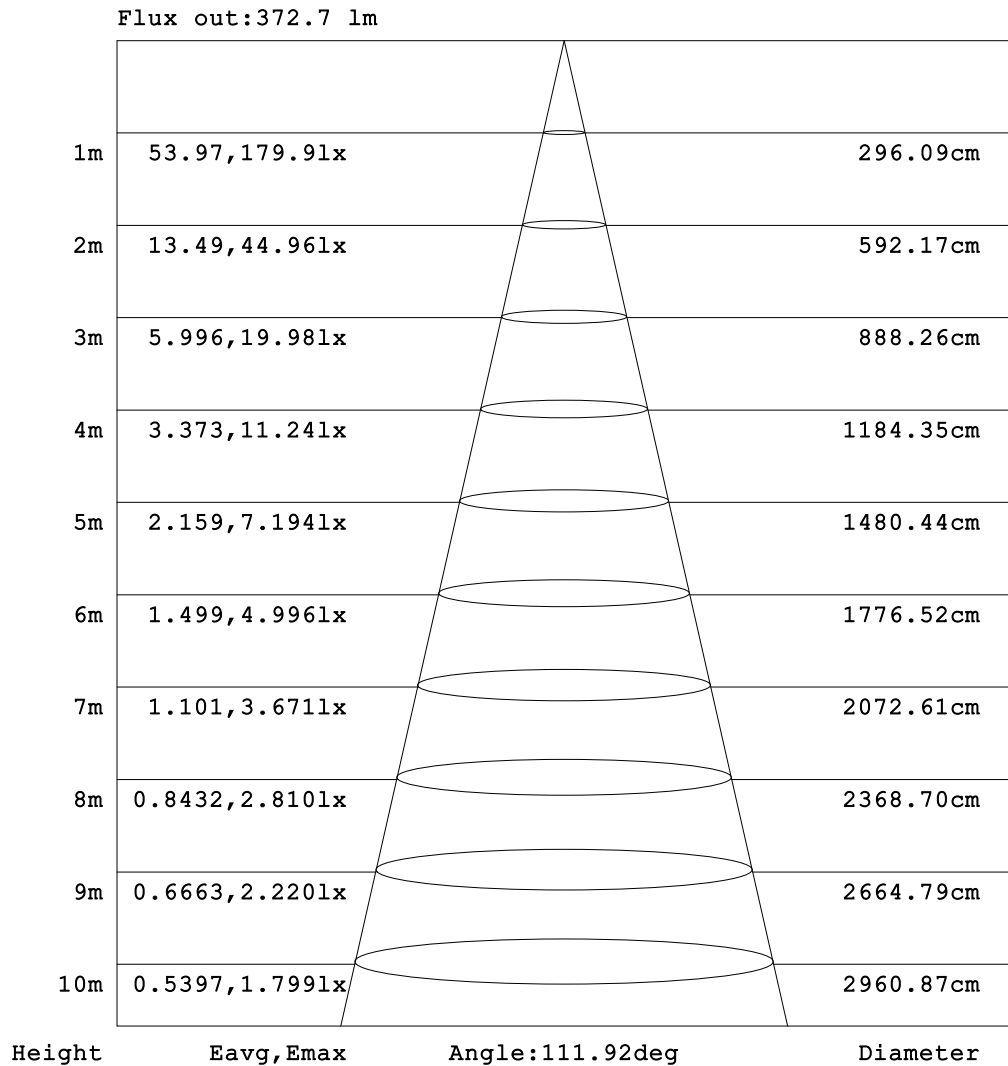


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:KEVINLI
Test Date:2020-08-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.412
Humidity:65.0%
Test Distance:9.650m [K=1.0000]
Remarks: S2835L120Q24NW40K8IP67-8-006012

AAI Figure

Test:U:23.998V I:0.3258A P:7.8185W PF:1.0000 Freq:0Hz Lamp Flux:537.062x1 lm		
NAME: 012012	TYPE:012012	WEIGHT:
SPEC.:1000*12*12	DIM.: 1000*12*12	SERIAL No.:
MFR.: BLUEVISION	SUR.:1000*12	Shielding Angle:



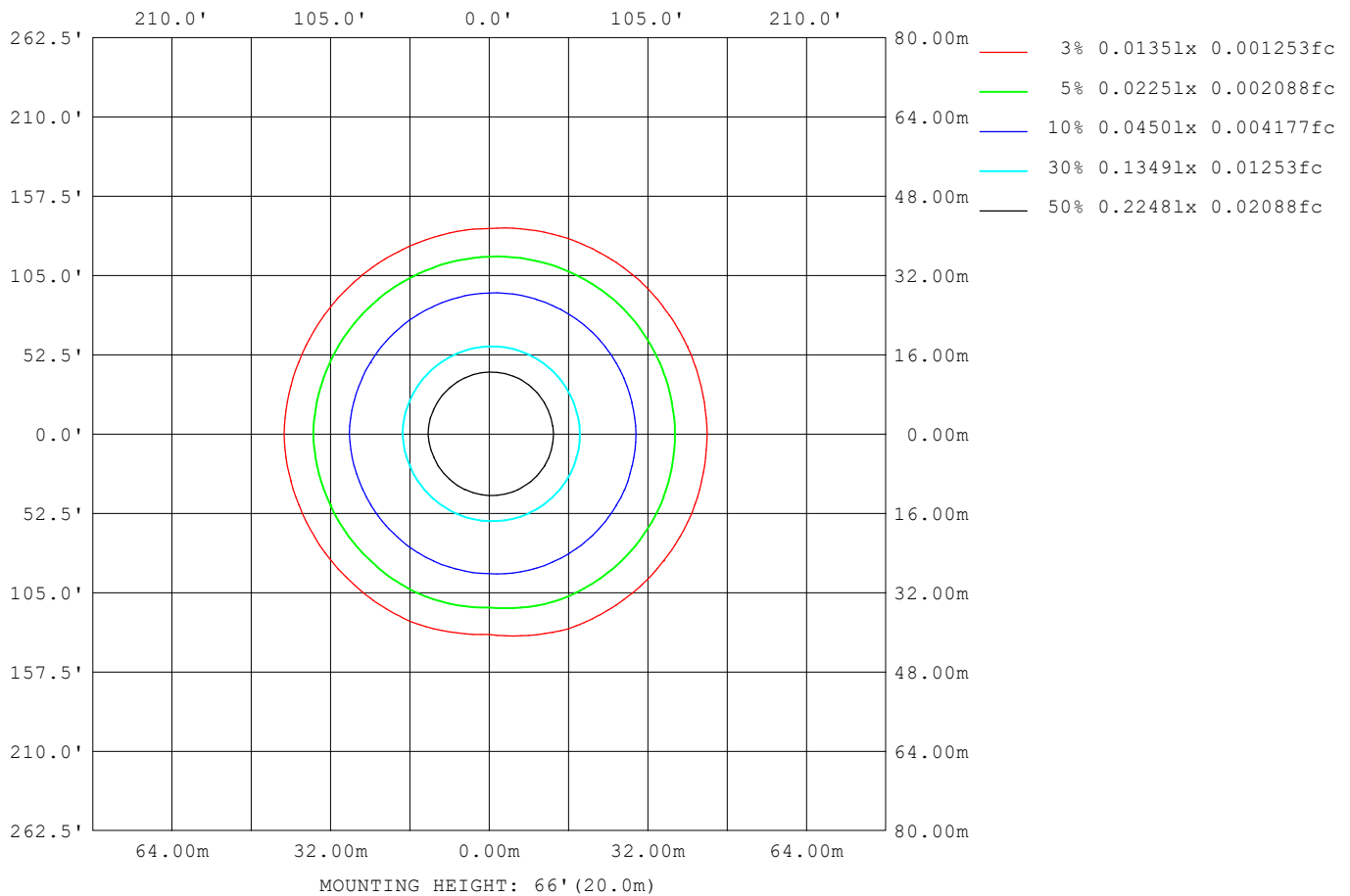
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:KEVINLI
Test Date:2020-08-13

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.412
Humidity:65.0%
Test Distance:9.650m [K=1.0000]
Remarks: S2835L120Q24NW40K8IP67-8-006012

ISOLUX DIAGRAM

Test:U:23.998V I:0.3258A P:7.8185W PF:1.0000 Freq:0Hz Lamp Flux:537.062x1 lm		
NAME: 012012	TYPE:012012	WEIGHT:
SPEC.:1000*12*12	DIM.: 1000*12*12	SERIAL No.:
MFR.: BLUEVISION	SUR.:1000*12	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:KEVINLI
Test Date:2020-08-13

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.412
Humidity:65.0%
Test Distance:9.650m [K=1.0000]
Remarks: S2835L120Q24NW40K8IP67-8-006012

LED Avg.L Report

Test:U:23.998V I:0.3258A P:7.8185W PF:1.0000 Freq:0Hz Lamp Flux:537.062x1 lm		
NAME: 012012	TYPE:012012	WEIGHT:
SPEC.:1000*12*12	DIM.: 1000*12*12	SERIAL No.:
MFR.: BLUEVISION	SUR.:1000*12	Shielding Angle:

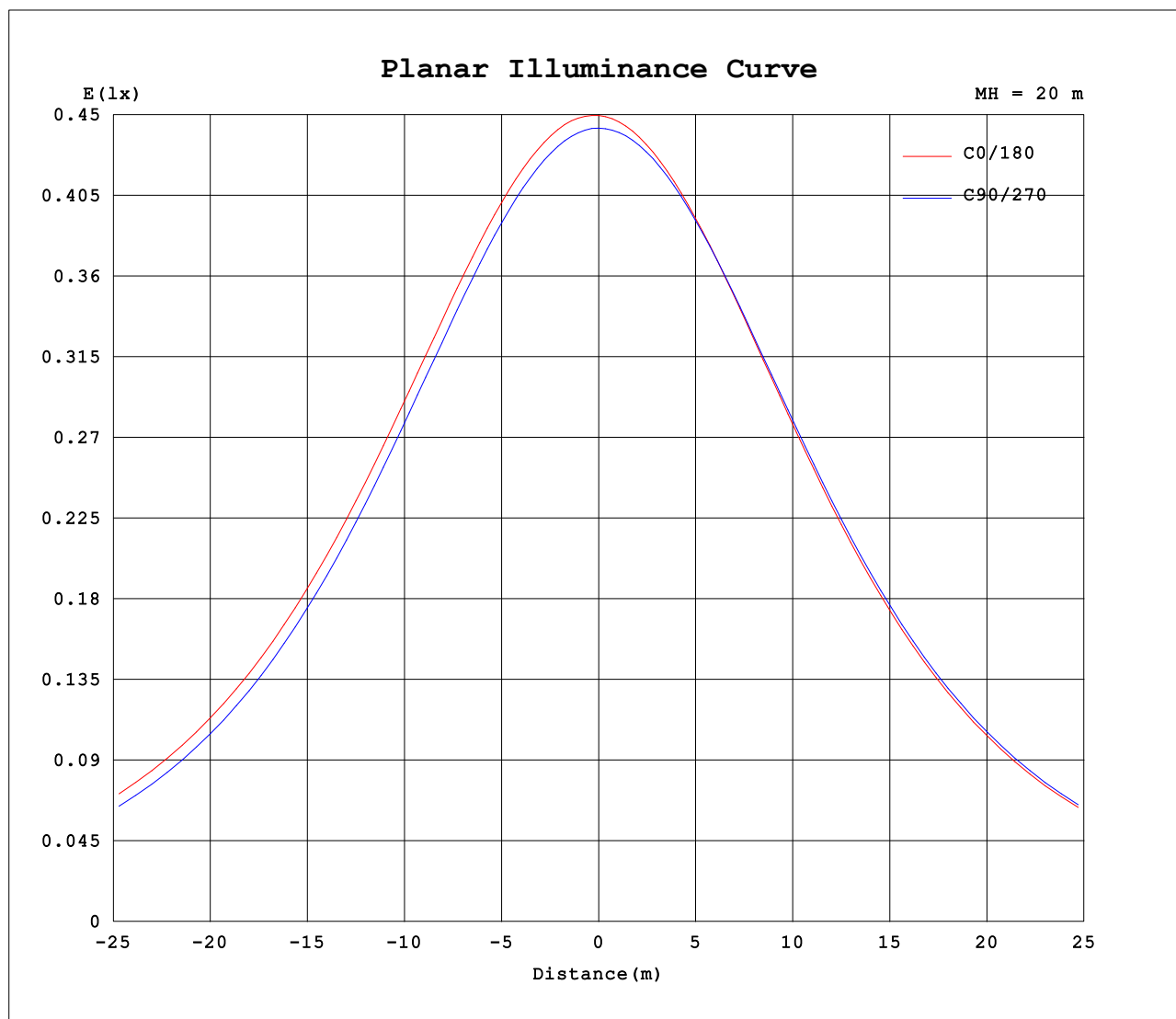
AvgL	cd/m2
L_0~180 (65) av	13656
L_0~180 (75) av	12995
L_0~180 (85) av	15641
L_90~270 (65) av	11914
L_90~270 (75) av	8109
L_90~270 (85) av	601
L_45 (65) av	13269
L_45 (75) av	12201
L_45 (85) av	12695

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:KEVINLI
 Test Date:2020-08-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.412
 Humidity:65.0%
 Test Distance:9.650m [K=1.0000]
 Remarks: S2835L120Q24NW40K8IP67-8-006012

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: KEVINLI
Test Date: 2020-08-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.412
Humidity: 65.0%
Test Distance: 9.650m [K=1.0000]
Remarks: S2835L120Q24NW40K8IP67-8-006012

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.998V I:0.3258A P:7.8185W PF:1.0000 Freq:0Hz Lamp Flux:537.062x1 lm		
NAME: 012012	TYPE:012012	WEIGHT:
SPEC.:1000*12*12	DIM.: 1000*12*12	SERIAL No.:
MFR.: BLUEVISION	SUR.:1000*12	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	178	178	178	178	178	178	178	178	178	178	178	178	178	178	178	178			
5	178	178	177	177	177	176	176	176	176	176	176	177	177	177	178	178			
10	176	176	176	175	174	174	173	173	173	173	173	174	175	176	176	176			
15	173	173	173	172	170	169	169	168	169	168	169	170	171	172	173	173			
20	168	169	168	167	165	164	163	162	163	162	163	164	166	167	168	169			
25	162	163	162	160	158	157	155	155	156	155	156	157	159	161	162	163			
30	155	155	154	153	150	148	147	147	147	147	148	149	151	153	155	156			
35	147	147	146	144	141	139	137	137	138	137	138	139	142	145	147	147			
40	137	138	136	134	131	128	126	126	127	126	127	129	132	134	137	138			
45	127	127	125	122	119	116	115	115	116	115	116	117	120	123	126	127			
50	116	116	113	110	107	104	102	103	104	103	103	104	108	111	115	116			
55	103	103	101	97.2	91.7	90.3	89.1	89.4	90.5	89.3	89.7	90.9	94.4	98.2	102	104			
60	90.1	90.2	87.5	83.4	74.8	76.1	75.0	75.5	76.6	75.3	75.5	76.6	79.8	84.4	88.5	90.5			
65	76.3	76.4	73.5	69.0	57.4	61.3	60.5	61.1	62.2	60.8	60.8	61.7	63.5	69.8	74.4	76.6			
70	61.9	62.0	58.9	54.0	39.9	46.2	45.7	46.4	47.5	46.1	45.9	46.5	45.4	54.7	59.7	62.1			
75	47.4	47.5	44.2	38.9	23.1	31.2	31.3	32.2	33.3	31.8	31.3	31.4	27.3	39.5	44.9	47.5			
80	33.2	33.2	29.8	24.4	8.67	17.5	18.3	19.8	20.8	19.3	18.3	17.6	11.4	24.8	30.4	33.2			
85	20.6	20.5	17.1	12.0	0.24	7.06	9.25	11.3	12.1	10.9	9.19	7.31	1.02	12.1	17.5	20.4			
90	11.7	11.2	8.31	4.03	0.06	2.57	5.38	7.36	8.12	7.40	5.54	3.10	0.04	4.22	8.56	11.3			
95	7.37	6.80	4.74	1.89	0.06	1.76	4.30	6.05	6.74	6.18	4.44	2.26	0.09	2.06	4.76	6.85			
100	6.01	5.44	3.77	1.33	0.17	1.30	3.61	5.26	5.91	5.37	3.73	1.75	0.18	1.35	3.71	5.45			
105	5.17	4.64	3.10	0.99	0.24	1.06	3.04	4.54	5.14	4.64	3.12	1.32	0.24	1.09	2.96	4.61			
110	4.40	3.91	2.46	0.72	0.31	0.92	2.56	3.91	4.44	3.99	2.61	1.05	0.31	0.77	2.32	3.83			
115	3.69	3.25	1.86	0.61	0.40	0.72	2.18	3.34	3.81	3.41	2.20	0.83	0.39	0.61	1.84	3.12			
120	3.07	2.70	1.46	0.62	0.49	0.70	1.91	2.85	3.24	2.90	1.89	0.69	0.48	0.55	1.38	2.63			
125	2.55	2.19	1.24	0.69	0.59	0.76	1.68	2.45	2.76	2.49	1.63	0.67	0.59	0.55	1.14	2.16			
130	2.14	1.70	1.09	0.75	0.68	0.85	1.35	2.11	2.36	2.15	1.34	0.71	0.67	0.59	0.98	1.70			
135	1.85	1.41	1.00	0.83	0.78	0.91	1.12	1.84	2.02	1.87	1.04	0.78	0.76	0.69	0.89	1.40			
140	1.56	1.20	0.95	0.93	0.88	0.99	1.06	1.42	1.75	1.46	1.02	0.86	0.88	0.77	0.90	1.19			
145	1.31	1.12	0.97	1.02	0.97	1.07	1.07	1.19	1.25	1.22	1.02	0.94	0.97	0.89	0.93	1.06			
150	1.21	1.12	1.05	1.09	1.05	1.14	1.11	1.19	1.15	1.13	1.10	1.01	1.03	0.97	1.03	1.03			
155	1.15	1.17	1.09	1.16	1.11	1.21	1.15	1.22	1.16	1.13	1.15	1.07	1.11	1.05	1.10	1.05			
160	1.17	1.22	1.15	1.21	1.18	1.24	1.20	1.26	1.23	1.15	1.21	1.13	1.17	1.12	1.17	1.11			
165	1.21	1.27	1.20	1.26	1.21	1.29	1.23	1.30	1.27	1.21	1.25	1.19	1.24	1.17	1.23	1.17			
170	1.25	1.31	1.25	1.30	1.25	1.30	1.26	1.30	1.32	1.25	1.30	1.23	1.29	1.22	1.27	1.21			
175	1.28	1.32	1.28	1.30	1.27	1.30	1.29	1.30	1.33	1.28	1.33	1.26	1.30	1.26	1.30	1.26			
180	1.32	1.32	1.30	1.30	1.29	1.30	1.30	1.30	1.33	1.30	1.33	1.30	1.30	1.29	1.30	1.30			

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