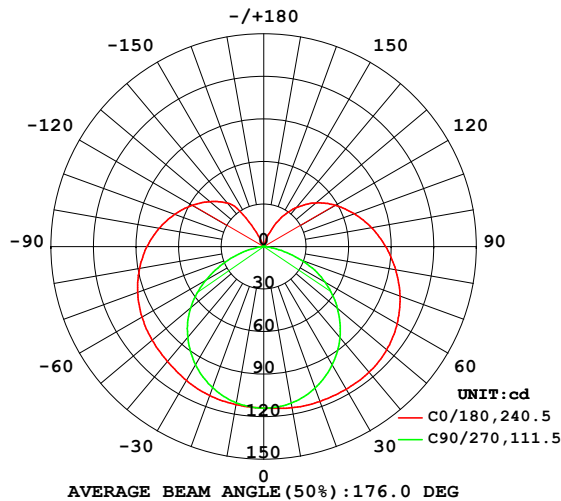


LUMINAIRE PHOTOMETRIC TEST REPORT

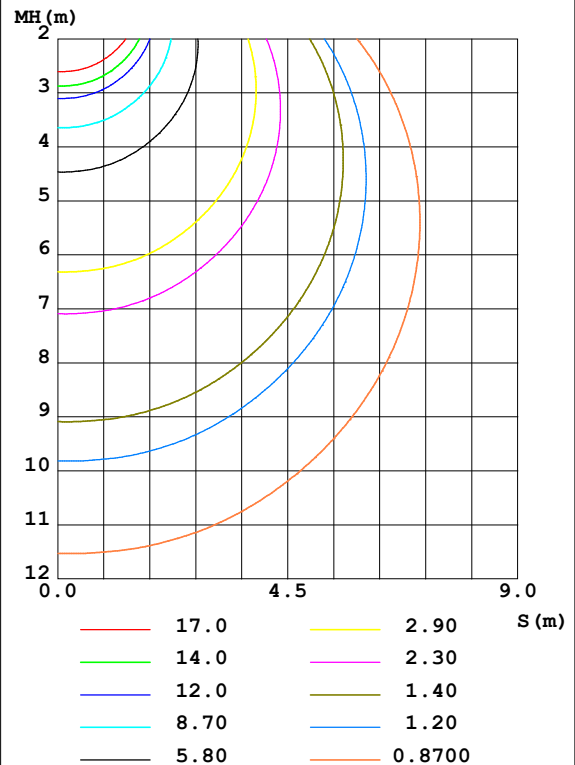
Test:U:23.999V I:0.6002A P:14.404W PF:1.0000 Freq:0Hz Lamp Flux:689.922x1 lm		
NAME: 012022	TYPE:012022	WEIGHT:
SPEC.:1000*20*20	DIM.: 1000*12*22	SERIAL No.:
MFR.: BLUEVISION	SUR.:1000*12	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 47.90 lm/W			
MODEL	012022	I _{max} (cd)	116.2	S/MH(C0/180)	1.45
NOMINAL POWER(W)	14.404	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	689.92	η UP,DN(C0-180)	13.3,36.9
NOMINAL FLUX(lm)	689.922	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	13.5,36.4
LAMPS INSIDE	1	η up(%)	26.8	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	24	η down(%)	73.2	CIBSE SHR MAX	1.55

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: S2835L120V24NW40K8IP67-10-012022

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

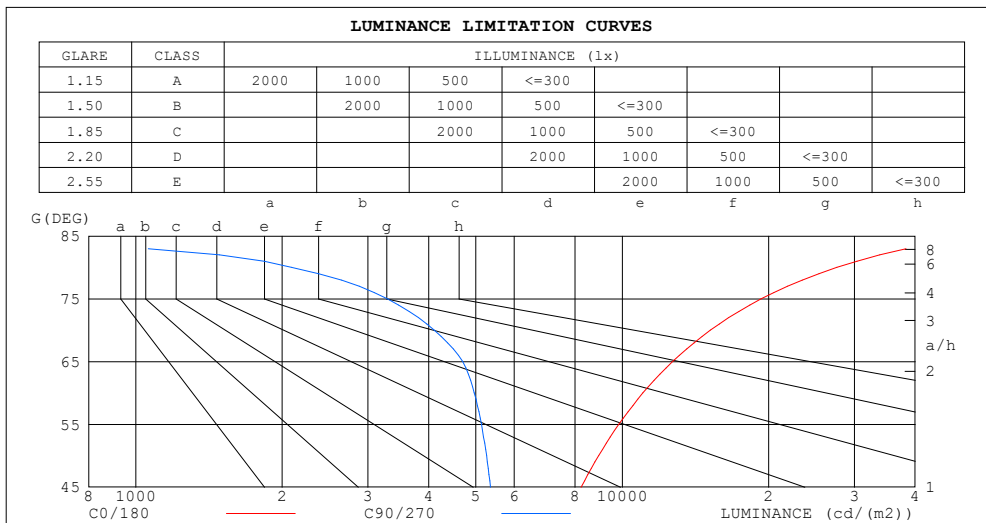
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	115.4	114.1	112.0	112.6	113.2	112.4	111.8	113.9	0- 10	10.84	10.84	1.57,1.57
20	116.2	112.1	106.1	109.0	111.8	108.7	105.8	112.0	10- 20	31.68	42.52	6.16,6.16
30	116.2	107.7	96.51	103.3	109.1	103.0	96.25	107.7	20- 30	49.83	92.35	13.4,13.4
40	115.7	101.8	83.67	95.46	105.8	95.08	83.46	102.0	30- 40	63.77	156.1	22.6,22.6
50	113.3	94.87	67.91	86.76	102.8	86.18	67.26	95.34	40- 50	72.63	228.8	33.2,33.2
60	108.7	86.32	49.85	78.26	99.22	77.76	46.83	87.12	50- 60	75.95	304.7	44.2,44.2
70	102.3	76.61	28.22	69.91	94.61	69.41	25.00	77.72	60- 70	73.83	378.5	54.9,54.9
80	94.48	66.85	7.285	61.90	88.96	61.49	5.805	68.22	70- 80	67.40	445.9	64.6,64.6
90	86.03	58.14	0.2615	54.81	82.36	54.52	0.2786	59.62	80- 90	59.38	505.3	73.2,73.2
100	77.27	50.95	0.2228	48.99	74.95	48.60	0.2615	52.37	90-100	52.35	557.7	80.8,80.8
110	67.99	43.95	0.2994	43.78	66.86	43.36	0.5482	44.92	100-110	45.22	602.9	87.4,87.4
120	58.41	32.00	0.4075	38.90	58.32	38.36	0.7074	33.86	110-120	36.09	639.0	92.6,92.6
130	48.07	21.77	0.5286	27.88	49.47	28.65	0.8665	23.59	120-130	25.72	664.7	96.3,96.3
140	36.07	12.47	0.6497	8.902	40.23	9.007	1.045	15.63	130-140	15.57	680.3	98.6,98.6
150	21.86	5.267	0.7326	1.853	17.48	1.801	1.166	10.06	140-150	6.940	687.2	99.6,99.6
160	7.639	2.036	0.9679	1.055	1.418	1.182	1.249	6.610	150-160	1.996	689.2	99.9,99.9
170	0.8625	2.275	1.204	1.023	0.9000	1.125	1.268	3.881	160-170	0.5805	689.8	100,100
180	0.8625	0.9355	1.280	1.081	0.9062	0.9039	1.261	1.151	170-180	0.1378	689.9	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: S2835L120V24NW40K8IP67-10-012022

LUMINANCE LIMITATION CURVES

Test:U:23.999V I:0.6002A P:14.404W PF:1.0000 Freq:0Hz Lamp Flux:689.922x1 lm		
NAME: 012022	TYPE:012022	WEIGHT:
SPEC.:1000*20*20	DIM.: 1000*12*22	SERIAL No.:
MFR.: BLUEVISION	SUR.:1000*12	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	52589	274
80	27615	2089
75	19315	3288
70	15177	4109
65	12695	4699
60	11034	4965
55	9842	5135
50	8943	5260
45	8236	5360

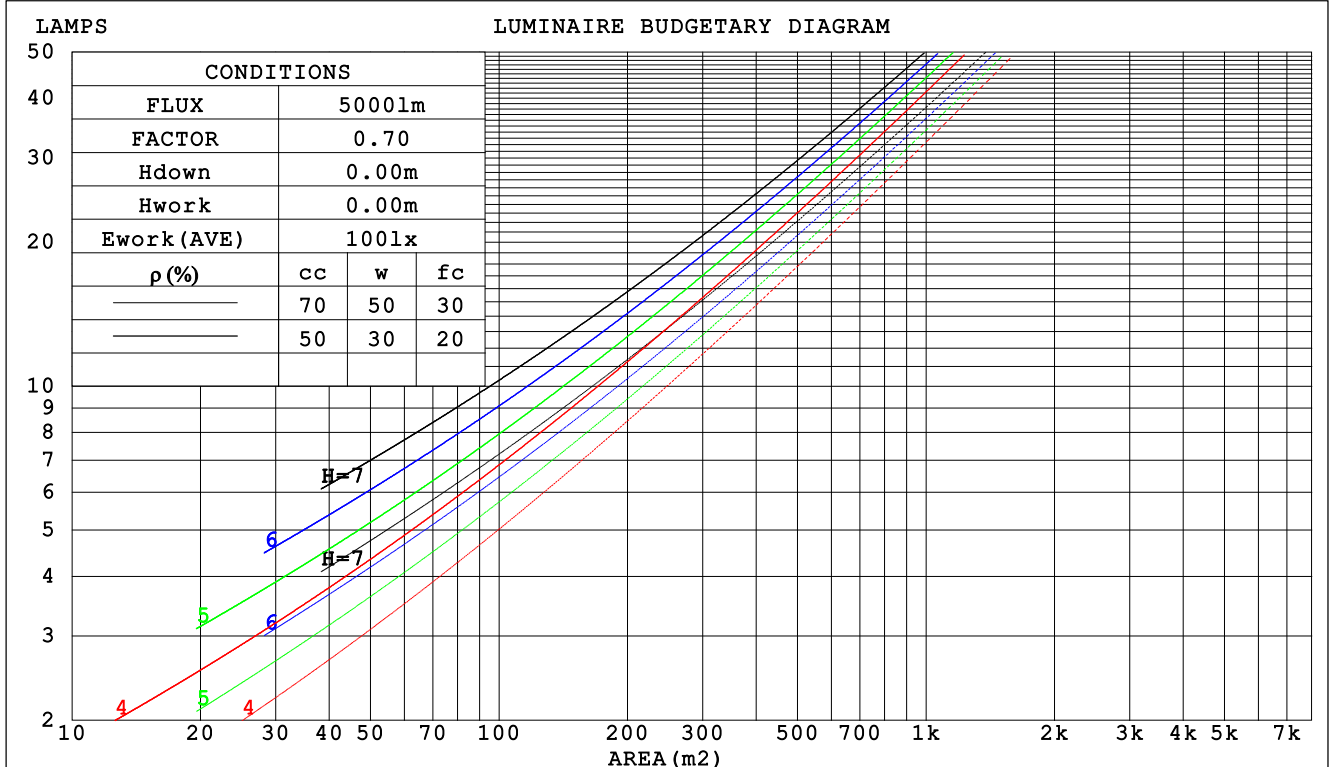
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:KEVINLI
Test Date:2020-08-13

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: S2835L120V24NW40K8IP67-10-012022

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:23.999V I:0.6002A P:14.404W PF:1.0000 Freq:0Hz Lamp Flux:689.922x1 lm		
NAME: 012022	TYPE:012022	WEIGHT:
SPEC.:1000*20*20	DIM.: 1000*12*22	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			Coefficients of Utilization(CU)												
0.0	1.13	1.13	1.13	1.07	1.07	1.07	.96	.96	.96	.86	.86	.86	.77	.77	.77	.73
1.0	.93	.87	.82	.88	.83	.78	.79	.75	.71	.70	.67	.64	.62	.60	.57	.53
2.0	.79	.71	.64	.75	.67	.61	.67	.61	.56	.59	.55	.50	.52	.49	.45	.42
3.0	.68	.59	.52	.64	.56	.49	.58	.51	.45	.51	.46	.41	.45	.41	.37	.34
4.0	.60	.50	.43	.56	.48	.41	.51	.43	.38	.45	.39	.34	.40	.35	.31	.28
5.0	.53	.43	.36	.50	.41	.35	.45	.37	.32	.40	.34	.29	.35	.30	.26	.23
6.0	.47	.38	.31	.45	.36	.30	.40	.33	.27	.36	.30	.25	.32	.27	.23	.20
7.0	.42	.33	.27	.40	.32	.26	.36	.29	.24	.33	.26	.22	.29	.24	.20	.18
8.0	.38	.30	.24	.37	.28	.23	.33	.26	.21	.30	.24	.19	.27	.22	.18	.15
9.0	.35	.27	.21	.33	.26	.20	.30	.24	.19	.27	.21	.17	.25	.20	.16	.14
10.0	.32	.24	.19	.31	.23	.18	.28	.21	.17	.25	.20	.16	.23	.18	.14	.12



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: S2835L120V24NW40K8IP67-10-012022

WEC AND CCEC

Test:U:23.999V I:0.6002A P:14.404W PF:1.0000 Freq:0Hz Lamp Flux:689.922x1 lm					
NAME: 012022			TYPE:012022		WEIGHT:
SPEC.:1000*20*20			DIM.: 1000*12*22		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	.400	.228	.072	.385	.219	.070	.356	.204	.065	.329	.190	.061	.305	.177	.057		
2.0	.341	.187	.057	.327	.180	.055	.301	.167	.052	.277	.155	.049	.254	.144	.045		
3.0	.300	.160	.048	.288	.154	.046	.264	.143	.043	.242	.132	.041	.221	.123	.038		
4.0	.269	.140	.041	.257	.135	.040	.236	.125	.037	.216	.116	.035	.197	.107	.033		
5.0	.244	.124	.036	.233	.120	.035	.213	.111	.033	.195	.103	.031	.178	.095	.029		
6.0	.223	.112	.032	.213	.108	.031	.195	.100	.029	.178	.092	.027	.162	.085	.025		
7.0	.205	.101	.029	.196	.098	.028	.179	.091	.026	.164	.084	.024	.149	.077	.023		
8.0	.190	.093	.026	.182	.089	.025	.166	.083	.024	.152	.077	.022	.138	.071	.021		
9.0	.177	.085	.024	.169	.082	.023	.155	.077	.022	.141	.071	.020	.129	.065	.019		
10.0	.165	.079	.022	.158	.076	.021	.145	.071	.020	.132	.066	.019	.121	.061	.017		

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	.394	.394	.394	.337	.337	.337	.230	.230	.230	.132	.132	.132	.042	.042	.042	
1.0	.392	.361	.333	.336	.310	.286	.229	.213	.198	.132	.123	.115	.042	.040	.037	
2.0	.386	.339	.299	.330	.291	.258	.226	.202	.180	.131	.117	.106	.042	.038	.034	
3.0	.378	.323	.278	.324	.278	.241	.223	.193	.169	.129	.113	.100	.041	.037	.033	
4.0	.371	.310	.264	.318	.268	.230	.219	.187	.162	.127	.109	.096	.041	.036	.031	
5.0	.363	.301	.255	.312	.260	.222	.215	.182	.157	.124	.107	.093	.040	.035	.031	
6.0	.356	.293	.248	.306	.254	.216	.211	.178	.153	.122	.105	.091	.039	.034	.030	
7.0	.349	.287	.243	.300	.248	.212	.207	.174	.150	.120	.103	.089	.039	.034	.030	
8.0	.342	.281	.239	.294	.244	.209	.204	.171	.148	.118	.101	.088	.038	.033	.029	
9.0	.336	.276	.237	.289	.240	.206	.200	.169	.146	.117	.100	.087	.038	.033	.029	
10.0	.330	.272	.234	.284	.237	.204	.197	.166	.145	.115	.098	.087	.037	.032	.029	

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: S2835L120V24NW40K8IP67-10-012022

UGR(Unified Glare Rating) Table

Test:U:23.999V I:0.6002A P:14.404W PF:1.0000 Freq:0Hz Lamp Flux:689.922x1 lm										
NAME: 012022					TYPE:012022			WEIGHT:		
SPEC.:1000*20*20					DIM.: 1000*12*22			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	21.2	22.5	21.8	23.1	23.9	18.0	19.3	18.7	20.0	20.7
3H	24.2	25.4	24.9	26.1	26.9	19.6	20.7	20.2	21.4	22.2
4H	25.9	27.1	26.6	27.7	28.5	20.1	21.2	20.8	21.9	22.7
6H	27.8	28.8	28.5	29.5	30.4	20.4	21.5	21.1	22.2	23.0
8H	28.8	29.8	29.5	30.5	31.4	20.5	21.5	21.2	22.2	23.1
12H	30.0	31.0	30.7	31.7	32.6	20.5	21.5	21.2	22.2	23.0
4H 2H	21.8	22.9	22.4	23.6	24.4	19.6	20.7	20.2	21.4	22.2
3H	25.0	26.0	25.7	26.7	27.6	21.4	22.4	22.1	23.1	24.0
4H	26.9	27.8	27.6	28.6	29.4	22.2	23.1	23.0	23.9	24.7
6H	29.0	29.8	29.8	30.6	31.5	22.8	23.6	23.6	24.4	25.3
8H	30.2	30.9	30.9	31.7	32.6	23.0	23.8	23.8	24.6	25.5
12H	31.5	32.2	32.3	33.0	33.9	23.1	23.8	23.9	24.6	25.5
8H 4H	27.3	28.0	28.0	28.8	29.7	23.7	24.5	24.5	25.3	26.2
6H	29.7	30.3	30.5	31.1	32.1	24.9	25.5	25.6	26.3	27.3
8H	31.1	31.6	31.9	32.4	33.4	25.3	25.9	26.1	26.7	27.7
12H	32.7	33.2	33.5	34.0	35.0	25.7	26.2	26.5	27.0	28.0
12H 4H	27.3	28.0	28.0	28.8	29.7	24.3	25.0	25.0	25.7	26.7
6H	29.8	30.4	30.6	31.2	32.2	25.7	26.3	26.5	27.1	28.0
8H	31.3	31.8	32.1	32.6	33.6	26.4	26.9	27.2	27.7	28.7
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.2				
2.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.4				

CIE Pub.117, 689.9 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.3)
Area: 0.02 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: S2835L120V24NW40K8IP67-10-012022

UTILIZATION FACTORS TABLE

Test:U:23.999V I:0.6002A P:14.404W PF:1.0000 Freq:0Hz Lamp Flux:689.922x1 lm		
NAME: 012022	TYPE:012022	WEIGHT:
SPEC.:1000*20*20	DIM.: 1000*12*22	SERIAL No.:
MFR.: BLUEVISION	SUR.:1000*12	Shielding Angle:

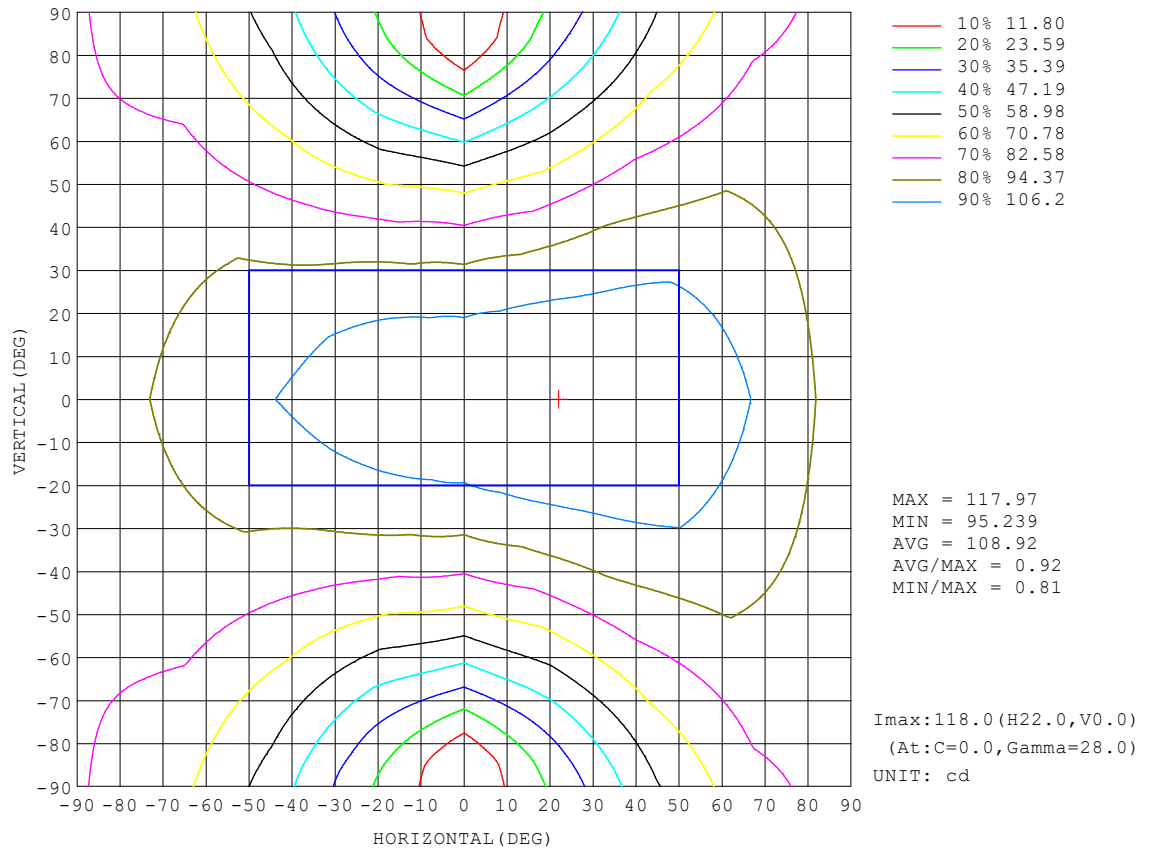
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	44	31	24	43	31	24	40	30	23	16
0.80	53	39	31	51	38	31	48	37	30	21
1.00	60	47	38	58	46	37	54	45	36	26
1.25	67	54	45	64	52	44	59	49	42	31
1.50	72	59	50	69	57	49	63	54	46	35
2.00	80	68	59	76	65	57	69	61	54	40
2.50	85	74	65	81	71	63	73	65	59	44
3.00	88	78	70	84	75	68	76	69	63	47
4.00	93	85	78	89	81	75	80	74	69	52
5.00	97	89	83	92	85	79	83	77	73	55
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: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: S2835L120V24NW40K8IP67-10-012022

ISOCANDELA DIAGRAM

Test:U:23.999V I:0.6002A P:14.404W PF:1.0000 Freq:0Hz Lamp Flux:689.922x1 lm		
NAME: 012022	TYPE:012022	WEIGHT:
SPEC.:1000*20*20	DIM.: 1000*12*22	SERIAL No.:
MFR.: BLUEVISION	SUR.:1000*12	Shielding Angle:

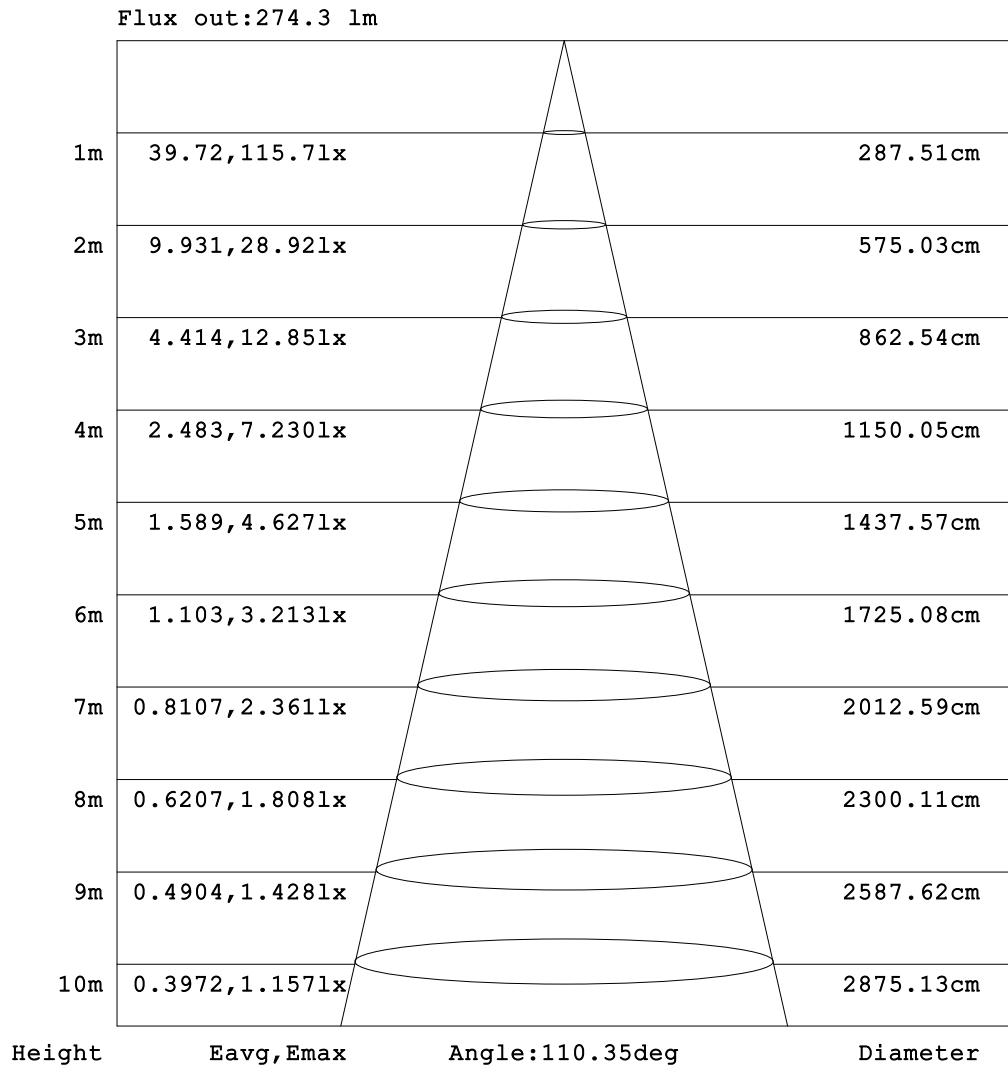


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:KEVINLI
Test Date:2020-08-13

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: S2835L120V24NW40K8IP67-10-012022

AAI Figure

Test:U:23.999V I:0.6002A P:14.404W PF:1.0000 Freq:0Hz Lamp Flux:689.922x1 lm		
NAME: 012022	TYPE:012022	WEIGHT:
SPEC.:1000*20*20	DIM.: 1000*12*22	SERIAL No.:
MFR.: BLUEVISION	SUR.:1000*12	Shielding Angle:



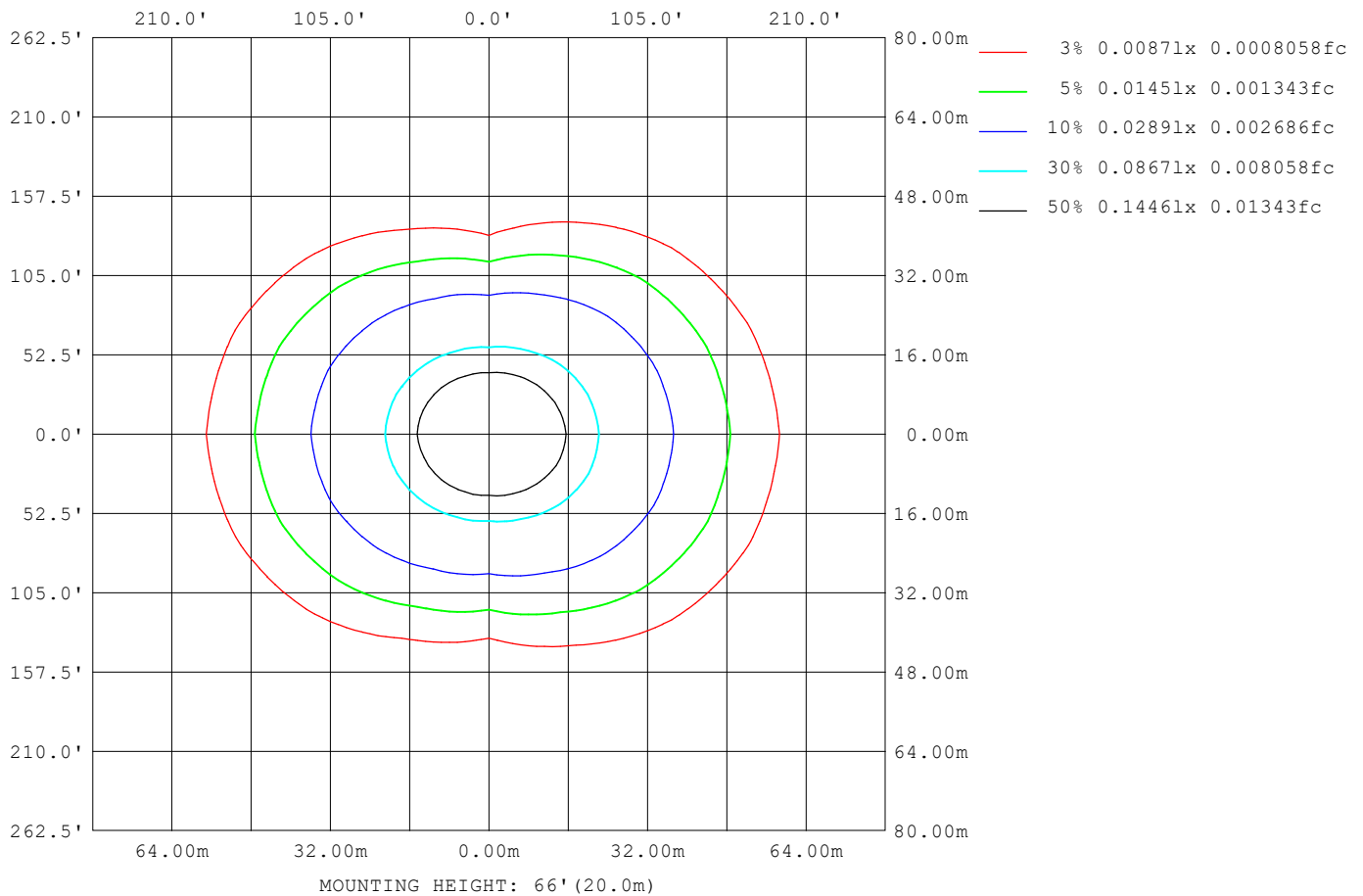
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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: S2835L120V24NW40K8IP67-10-012022

ISOLUX DIAGRAM

Test:U:23.999V I:0.6002A P:14.404W PF:1.0000 Freq:0Hz Lamp Flux:689.922x1 lm		
NAME: 012022	TYPE:012022	WEIGHT:
SPEC.:1000*20*20	DIM.: 1000*12*22	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: S2835L120V24NW40K8IP67-10-012022

LED Avg.L Report

Test:U:23.999V I:0.6002A P:14.404W PF:1.0000 Freq:0Hz Lamp Flux:689.922x1 lm		
NAME: 012022	TYPE:012022	WEIGHT:
SPEC.:1000*20*20	DIM.: 1000*12*22	SERIAL No.:
MFR.: BLUEVISION	SUR.:1000*12	Shielding Angle:

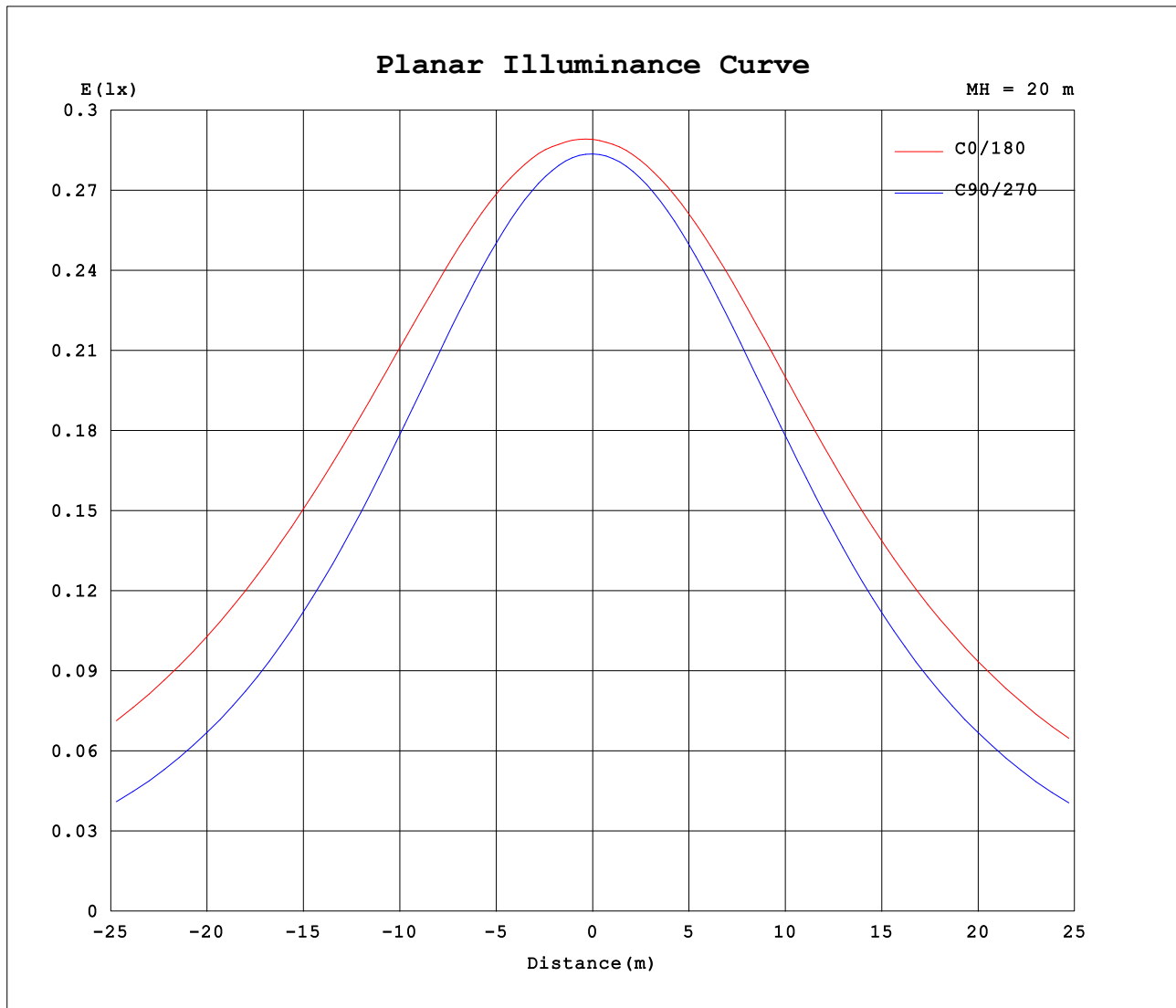
AvgL	cd/m2
L_0~180 (65) av	11994
L_0~180 (75) av	18390
L_0~180 (85) av	50505
L_90~270 (65) av	4479
L_90~270 (75) av	3077
L_90~270 (85) av	238
L_45 (65) av	9219
L_45 (75) av	13320
L_45 (85) av	34734

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: S2835L120V24NW40K8IP67-10-012022

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: S2835L120V24NW40K8IP67-10-012022

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.999V I:0.6002A P:14.404W PF:1.0000 Freq:0Hz Lamp Flux:689.922x1 lm		
NAME: 012022	TYPE:012022	WEIGHT:
SPEC.:1000*20*20	DIM.: 1000*12*22	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	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114			
5	115	114	114	114	114	113	114	114	114	114	113	113	113	114	114	114			
10	115	115	114	113	112	112	113	113	113	113	112	112	112	113	114	115			
15	116	115	113	111	110	110	111	112	113	112	111	110	109	111	113	115			
20	116	115	112	108	106	107	109	111	112	111	109	106	106	108	112	115			
25	116	115	110	105	102	103	106	110	111	109	106	103	101	105	110	115			
30	116	114	108	101	96.5	98.6	103	108	109	107	103	98.0	96.3	101	108	114			
35	116	113	105	95.8	90.5	93.4	99.6	105	107	105	99.3	92.7	90.2	95.8	105	113			
40	116	112	102	90.4	83.7	87.5	95.5	103	106	102	95.1	86.9	83.5	90.3	102	112			
45	115	111	98.6	84.2	76.1	81.0	91.1	101	104	100	90.6	80.6	76.0	84.3	98.8	111			
50	113	109	94.9	77.8	67.9	74.1	86.8	98.7	103	98.0	86.2	73.8	67.3	78.0	95.3	109			
55	111	106	90.8	71.0	59.1	66.9	82.5	96.4	101	95.6	81.9	66.5	57.6	71.4	91.5	106			
60	109	103	86.3	64.1	49.9	59.5	78.3	94.0	99.2	93.1	77.8	59.1	46.8	64.6	87.1	103			
65	106	99.4	81.6	57.1	39.9	52.3	74.1	91.4	97.1	90.5	73.5	51.9	35.8	57.8	82.5	100			
70	102	95.7	76.6	50.0	28.2	45.5	69.9	88.5	94.6	87.6	69.4	45.1	25.0	51.0	77.7	96.3			
75	98.5	91.6	71.7	43.2	17.1	39.2	65.8	85.5	91.9	84.6	65.4	38.8	14.8	44.4	72.9	92.3			
80	94.5	87.4	66.8	37.1	7.28	33.6	61.9	82.4	89.0	81.4	61.5	33.3	5.81	38.3	68.2	88.1			
85	90.3	83.1	62.3	31.8	0.48	28.7	58.2	79.1	85.8	78.1	57.9	28.8	0.35	33.2	63.8	83.9			
90	86.0	78.9	58.1	27.9	0.26	25.2	54.8	75.7	82.4	74.7	54.5	25.5	0.28	28.8	59.6	79.6			
95	81.7	74.7	54.4	25.1	0.19	23.4	51.8	72.2	78.7	71.2	51.4	23.4	0.21	25.2	55.8	75.5			
100	77.3	70.5	51.0	23.2	0.22	22.1	49.0	68.6	74.9	67.6	48.6	22.1	0.26	24.1	52.4	71.2			
105	72.7	66.3	47.7	21.9	0.25	21.4	46.3	65.0	71.0	64.0	45.9	21.2	0.41	22.8	49.0	67.0			
110	68.0	61.9	43.9	19.5	0.30	20.7	43.8	61.3	66.9	60.3	43.4	20.0	0.55	20.2	44.9	62.6			
115	63.2	57.6	38.5	16.1	0.35	15.6	41.3	57.5	62.6	56.5	40.8	14.3	0.65	17.0	40.2	58.2			
120	58.4	53.3	32.0	12.9	0.41	8.75	38.9	53.6	58.3	52.7	38.4	7.65	0.71	14.6	33.9	52.8			
125	53.5	47.9	26.6	9.71	0.46	4.17	35.6	49.7	53.9	48.8	35.7	3.57	0.78	12.1	28.3	47.9			
130	48.1	38.8	21.8	6.47	0.53	2.08	27.9	45.7	49.5	44.8	28.6	1.83	0.87	9.34	23.6	39.3			
135	42.2	30.4	17.3	4.50	0.59	1.16	17.4	39.8	44.9	40.6	18.3	1.08	0.95	7.96	19.5	32.7			
140	36.1	23.5	12.5	3.22	0.65	0.89	8.90	28.7	40.2	31.4	9.01	0.90	1.04	7.07	15.6	24.6			
145	29.3	16.8	8.12	2.35	0.69	0.89	3.96	15.6	32.8	18.0	3.69	0.90	1.11	6.29	12.3	19.2			
150	21.9	9.70	5.27	1.40	0.73	0.92	1.85	6.42	17.5	7.26	1.80	0.91	1.17	5.56	10.06	14.3			
155	13.6	4.63	3.43	1.33	0.78	0.94	1.11	2.17	5.12	2.32	1.19	0.95	1.22	4.91	8.23	10.8			
160	7.64	1.59	2.04	1.92	0.97	0.94	1.06	0.92	1.42	1.13	1.18	0.97	1.25	4.26	6.61	8.37			
165	0.86	0.87	1.98	2.28	1.13	0.94	1.05	0.89	0.90	1.05	1.16	0.98	1.27	3.54	5.20	6.22			
170	0.86	0.87	2.28	2.27	1.20	0.94	1.02	0.89	0.90	1.05	1.12	0.98	1.27	2.75	3.88	4.30			
175	0.86	0.87	2.00	1.71	1.25	0.95	0.97	0.89	0.90	1.02	1.04	0.98	1.27	1.97	2.37	2.28			
180	0.86	0.87	0.94	1.13	1.28	1.28	1.08	0.91	0.91	0.92	0.90	1.19	1.26	1.30	1.15	0.89			

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