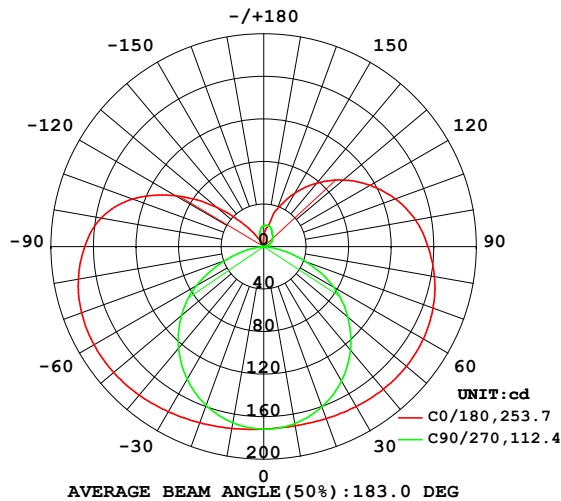


LUMINAIRE PHOTOMETRIC TEST REPORT

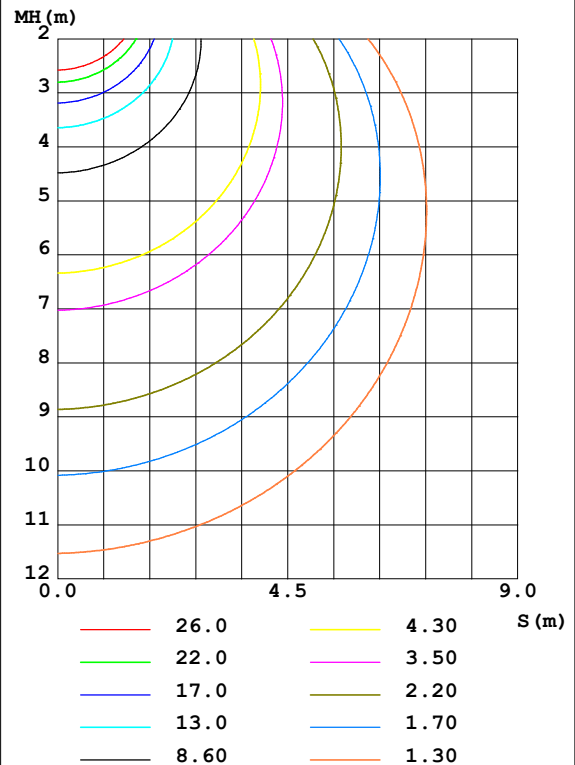
Test:U:24.057V I:0.6002A P:14.439W PF:1.0000 Freq:0Hz Lamp Flux:1166.81x1 lm		
NAME: D20D	TYPE:D20D	WEIGHT:
SPEC.:1000*20*20	DIM.: 1000*20*20	SERIAL No.:
MFR.: BLUEVISION	SUR.:1000*20	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 80.81 lm/W
MODEL	D20D	Imax(cd)	184.5	S/MH(C0/180)	1.62	
NOMINAL POWER(W)	14.458	LOR(%)	100.0	S/MH(C90/270)	1.25	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	1166.8	η UP,DN(C0-180)	15.0,35.8	
NOMINAL FLUX(lm)	1166.81	CIE CLASS	SEMI-D.	η UP,DN(C180-360)	13.6,35.7	
LAMPS INSIDE	1	η up(%)	28.5	CIBSE SHR NOM	1.50	
TEST VOLTAGE(V)	24	η down(%)	71.5	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: S2835L140V24NW40K8IP67-10-D20D

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

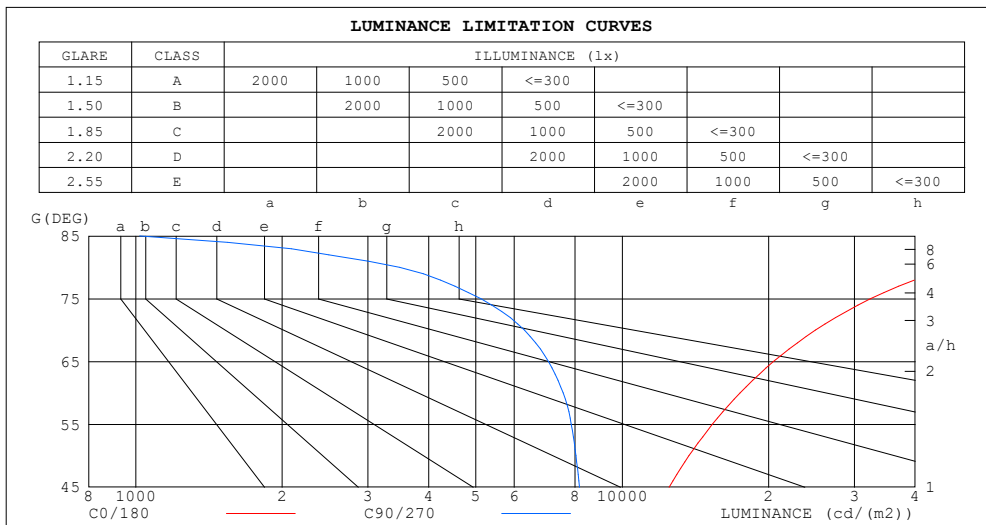
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	171.1	169.9	168.9	171.6	173.6	171.0	168.1	169.3	0- 10	16.32	16.32	1.4,1.4
20	172.1	166.1	160.3	169.0	176.2	168.2	158.8	164.8	10- 20	47.82	64.14	5.5,5.5
30	173.7	160.5	146.2	164.0	179.3	163.2	144.0	158.4	20- 30	75.94	140.1	12,12
40	175.0	153.4	126.9	157.4	182.3	156.7	124.6	150.4	30- 40	98.80	238.9	20.5,20.5
50	175.1	145.1	103.5	149.7	184.2	149.2	101.1	141.2	40- 50	115.0	353.9	30.3,30.3
60	173.4	135.9	75.75	141.4	184.4	141.2	72.69	131.3	50- 60	123.9	477.8	41,41
70	169.4	126.2	43.12	132.6	182.2	132.8	39.29	121.0	60- 70	125.1	602.9	51.7,51.7
80	163.0	116.3	12.14	123.0	177.0	123.8	10.71	110.7	70- 80	119.9	722.9	62,62
90	154.5	106.5	0.5928	111.7	168.2	113.2	0.5903	101.0	80- 90	110.9	833.7	71.5,71.5
100	144.9	98.17	2.360	95.11	155.3	98.00	1.131	93.11	90-100	100.6	934.4	80.1,80.1
110	131.6	88.39	5.082	63.88	131.1	69.84	1.176	82.96	100-110	83.91	1018	87.3,87.3
120	115.5	70.77	7.910	31.51	95.96	38.39	1.691	59.86	110-120	61.74	1080	92.6,92.6
130	97.53	52.91	10.78	12.33	57.17	15.27	2.384	41.34	120-130	39.86	1120	96,96
140	78.06	40.74	13.33	4.194	22.91	4.575	3.096	27.79	130-140	22.55	1142	97.9,97.9
150	57.96	32.29	15.81	2.728	5.768	2.012	5.949	16.16	140-150	12.03	1154	98.9,98.9
160	38.01	27.69	19.24	4.792	1.663	2.076	11.63	16.56	150-160	6.864	1161	99.5,99.5
170	18.47	25.38	20.25	11.02	1.726	7.313	16.84	20.19	160-170	4.010	1165	99.9,99.9
180	11.08	17.52	19.97	19.42	10.97	16.90	19.52	19.45	170-180	1.469	1167	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: S2835L140V24NW40K8IP67-10-D20D

LUMINANCE LIMITATION CURVES

Test:U:24.057V I:0.6002A P:14.439W PF:1.0000 Freq:0Hz Lamp Flux:1166.81x1 lm		
NAME: D20D	TYPE:D20D	WEIGHT:
SPEC.:1000*20*20	DIM.: 1000*20*20	SERIAL No.:
MFR.: BLUEVISION	SUR.:1000*20	Shielding Angle:



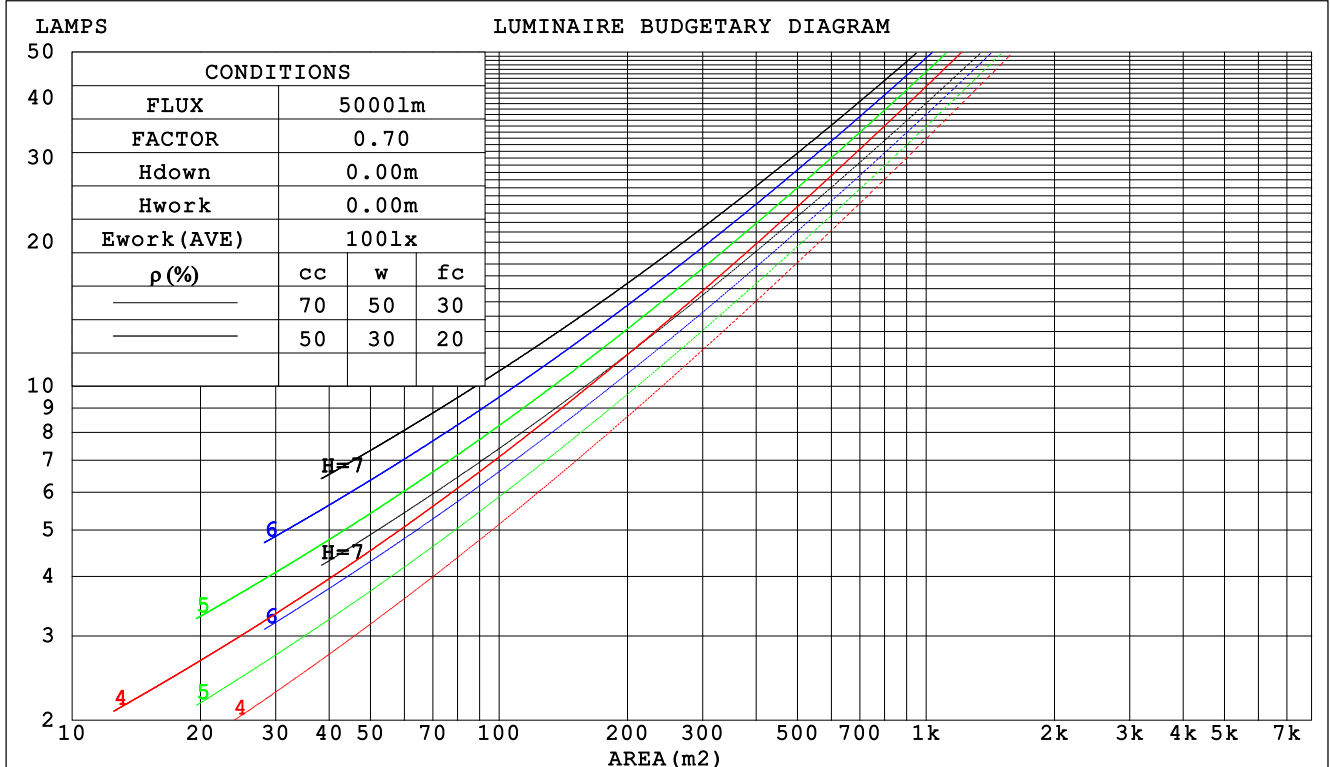
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:KEVINLI
Test Date:2020-08-13

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: S2835L140V24NW40K8IP67-10-D20D

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.057V I:0.6002A P:14.439W PF:1.0000 Freq:0Hz Lamp Flux:1166.81x1 lm		
NAME: D20D	TYPE:D20D	WEIGHT:
SPEC.:1000*20*20	DIM.: 1000*20*20	SERIAL No.:
MFR.: BLUEVISION	SUR.:1000*20	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.12	1.12	1.12	1.06	1.06	1.06	.95	.95	.95	.85	.85	.85	.76	.76	.76	.71
1.0	.92	.86	.81	.87	.81	.77	.77	.73	.69	.68	.65	.62	.60	.57	.55	.51
2.0	.78	.69	.63	.73	.66	.60	.65	.59	.54	.57	.53	.48	.50	.46	.43	.39
3.0	.67	.58	.50	.63	.55	.48	.56	.49	.43	.49	.44	.39	.43	.39	.35	.31
4.0	.58	.49	.41	.55	.46	.40	.49	.42	.36	.43	.37	.32	.38	.33	.29	.26
5.0	.52	.42	.35	.49	.40	.33	.43	.36	.30	.38	.32	.27	.34	.29	.25	.22
6.0	.46	.37	.30	.44	.35	.29	.39	.32	.26	.34	.28	.24	.30	.25	.21	.18
7.0	.41	.32	.26	.39	.31	.25	.35	.28	.23	.31	.25	.21	.28	.22	.19	.16
8.0	.38	.29	.23	.36	.27	.22	.32	.25	.20	.28	.23	.18	.25	.20	.16	.14
9.0	.34	.26	.20	.33	.25	.19	.29	.22	.18	.26	.20	.16	.23	.18	.15	.12
10.0	.31	.23	.18	.30	.22	.17	.27	.20	.16	.24	.18	.15	.21	.17	.13	.11



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: S2835L140V24NW40K8IP67-10-D20D

WEC AND CCEC

Test:U:24.057V I:0.6002A P:14.439W PF:1.0000 Freq:0Hz Lamp Flux:1166.81x1 lm		
NAME: D20D	TYPE:D20D	WEIGHT:
SPEC.:1000*20*20	DIM.: 1000*20*20	SERIAL No.:
MFR.: BLUEVISION	SUR.:1000*20	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	.413	.235	.074	.397	.226	.072	.367	.211	.067	.340	.196	.063	.314	.182	.059		
2.0	.348	.191	.059	.334	.184	.057	.307	.171	.053	.282	.158	.049	.258	.146	.046		
3.0	.305	.162	.049	.292	.156	.047	.267	.145	.044	.244	.134	.041	.223	.124	.038		
4.0	.272	.142	.042	.260	.136	.040	.238	.126	.038	.217	.116	.035	.197	.107	.033		
5.0	.246	.125	.036	.235	.121	.035	.215	.112	.033	.195	.103	.031	.177	.095	.028		
6.0	.224	.113	.032	.215	.108	.031	.196	.100	.029	.178	.092	.027	.161	.085	.025		
7.0	.206	.102	.029	.197	.098	.028	.180	.091	.026	.164	.084	.024	.148	.077	.023		
8.0	.191	.093	.026	.182	.090	.025	.166	.083	.024	.151	.077	.022	.137	.070	.021		
9.0	.177	.086	.024	.170	.083	.023	.155	.077	.022	.141	.071	.020	.128	.065	.019		
10.0	.166	.079	.022	.159	.077	.021	.145	.071	.020	.132	.065	.019	.119	.060	.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	.408	.408	.408	.349	.349	.349	.238	.238	.238	.137	.137	.137	.044	.044	.044	
1.0	.407	.375	.345	.348	.321	.297	.238	.221	.206	.137	.128	.120	.044	.041	.039	
2.0	.401	.352	.312	.343	.303	.270	.235	.210	.188	.136	.122	.110	.043	.039	.036	
3.0	.393	.336	.291	.337	.290	.253	.231	.202	.177	.134	.118	.104	.043	.038	.034	
4.0	.385	.324	.278	.331	.280	.241	.227	.195	.170	.132	.114	.101	.042	.037	.033	
5.0	.378	.315	.269	.324	.272	.234	.223	.190	.165	.129	.112	.098	.042	.036	.032	
6.0	.370	.307	.262	.318	.266	.228	.220	.186	.161	.127	.110	.096	.041	.036	.032	
7.0	.363	.301	.257	.312	.261	.224	.216	.183	.159	.125	.108	.094	.041	.035	.031	
8.0	.356	.295	.253	.307	.256	.221	.212	.180	.157	.124	.106	.093	.040	.035	.031	
9.0	.350	.291	.251	.302	.252	.219	.209	.177	.155	.122	.105	.093	.039	.034	.031	
10.0	.344	.287	.248	.297	.249	.217	.206	.175	.154	.120	.104	.092	.039	.034	.030	

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: S2835L140V24NW40K8IP67-10-D20D

UGR(Unified Glare Rating) Table

Test:U:24.057V I:0.6002A P:14.439W PF:1.0000 Freq:0Hz Lamp Flux:1166.81x1 lm										
NAME: D20D					TYPE:D20D			WEIGHT:		
SPEC.:1000*20*20					DIM.: 1000*20*20			SERIAL No.:		
MFR.: BLUEVISION					SUR.:1000*20			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	20.7	22.0	21.3	22.6	23.4	17.3	18.6	17.9	19.2	20.0
3H	23.9	25.1	24.5	25.8	26.6	18.9	20.0	19.5	20.7	21.5
4H	25.7	26.8	26.4	27.5	28.3	19.5	20.6	20.1	21.3	22.1
6H	27.6	28.7	28.3	29.4	30.3	19.8	20.9	20.5	21.6	22.5
8H	28.7	29.8	29.5	30.5	31.4	19.9	20.9	20.6	21.7	22.5
12H	30.0	31.0	30.7	31.7	32.6	19.9	20.9	20.7	21.7	22.5
4H 2H	21.2	22.4	21.9	23.1	23.9	19.0	20.1	19.7	20.8	21.6
3H	24.7	25.7	25.4	26.4	27.3	20.9	21.9	21.6	22.6	23.5
4H	26.7	27.6	27.4	28.4	29.3	21.7	22.6	22.5	23.4	24.3
6H	28.9	29.7	29.7	30.5	31.4	22.4	23.2	23.2	24.0	24.9
8H	30.1	30.9	30.9	31.7	32.6	22.6	23.4	23.4	24.2	25.1
12H	31.5	32.2	32.3	33.0	34.0	22.8	23.5	23.6	24.3	25.3
8H 4H	27.1	27.8	27.8	28.6	29.6	23.4	24.2	24.2	25.0	25.9
6H	29.6	30.2	30.4	31.1	32.1	24.6	25.3	25.4	26.1	27.1
8H	31.1	31.6	31.9	32.5	33.5	25.2	25.7	26.0	26.6	27.6
12H	32.7	33.2	33.6	34.1	35.1	25.6	26.1	26.4	26.9	28.0
12H 4H	27.1	27.8	27.9	28.6	29.6	24.0	24.7	24.8	25.5	26.5
6H	29.7	30.3	30.6	31.1	32.2	25.5	26.1	26.4	27.0	28.0
8H	31.3	31.8	32.1	32.7	33.7	26.3	26.8	27.1	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, 1167 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.5)
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: S2835L140V24NW40K8IP67-10-D20D

UTILIZATION FACTORS TABLE

Test:U:24.057V I:0.6002A P:14.439W PF:1.0000 Freq:0Hz Lamp Flux:1166.81x1 lm		
NAME: D20D	TYPE:D20D	WEIGHT:
SPEC.:1000*20*20	DIM.: 1000*20*20	SERIAL No.:
MFR.: BLUEVISION	SUR.:1000*20	Shielding Angle:

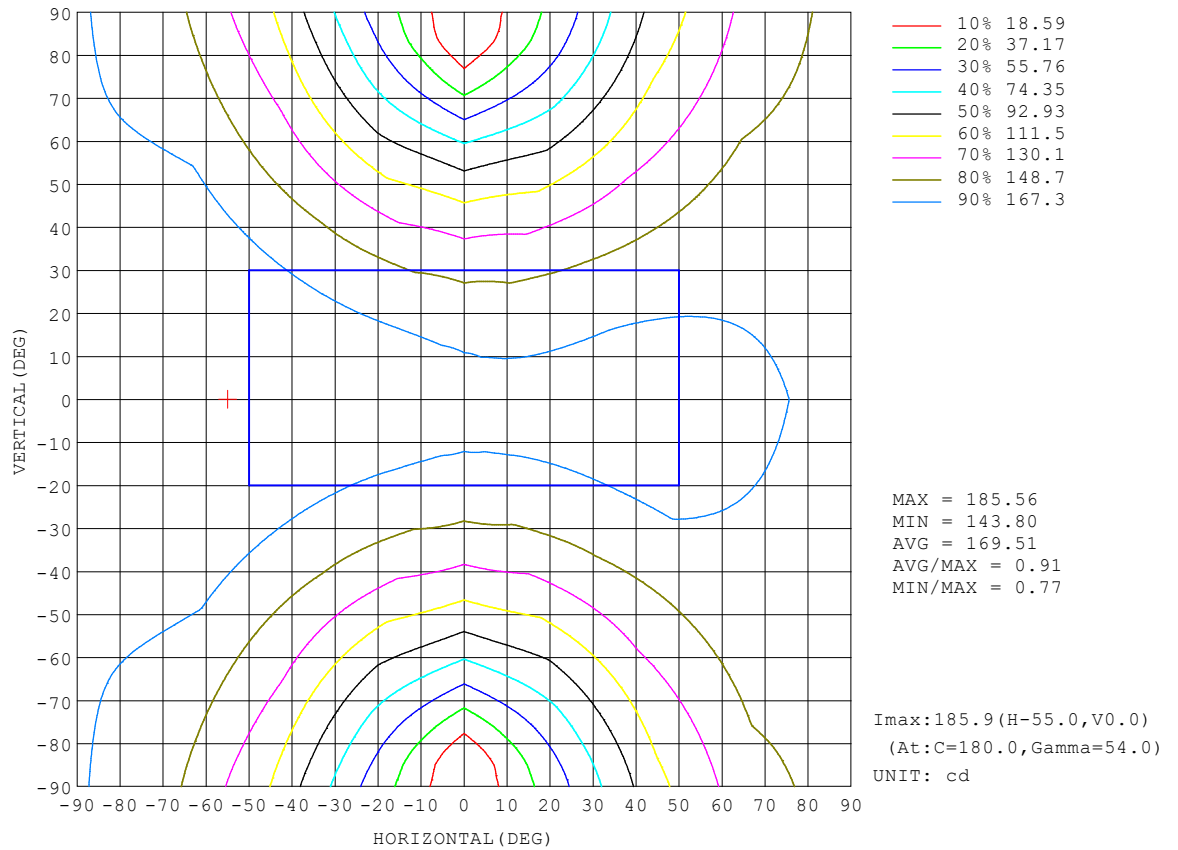
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	43	30	22	41	29	22	39	28	22	15
0.80	51	38	29	49	37	29	46	35	28	19
1.00	59	45	36	56	44	35	52	44	34	24
1.25	66	52	43	63	50	42	58	47	40	29
1.50	71	58	48	68	55	47	62	52	44	32
2.00	78	66	57	75	63	55	68	59	51	38
2.50	83	72	63	79	69	61	71	63	56	41
3.00	87	77	68	83	73	66	74	67	61	45
4.00	92	83	76	87	79	73	79	72	67	49
5.00	95	88	81	90	83	77	81	76	71	52
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: S2835L140V24NW40K8IP67-10-D20D

ISOCANDELA DIAGRAM

Test:U:24.057V I:0.6002A P:14.439W PF:1.0000 Freq:0Hz Lamp Flux:1166.81x1 lm		
NAME: D20D	TYPE:D20D	WEIGHT:
SPEC.:1000*20*20	DIM.: 1000*20*20	SERIAL No.:
MFR.: BLUEVISION	SUR.:1000*20	Shielding Angle:

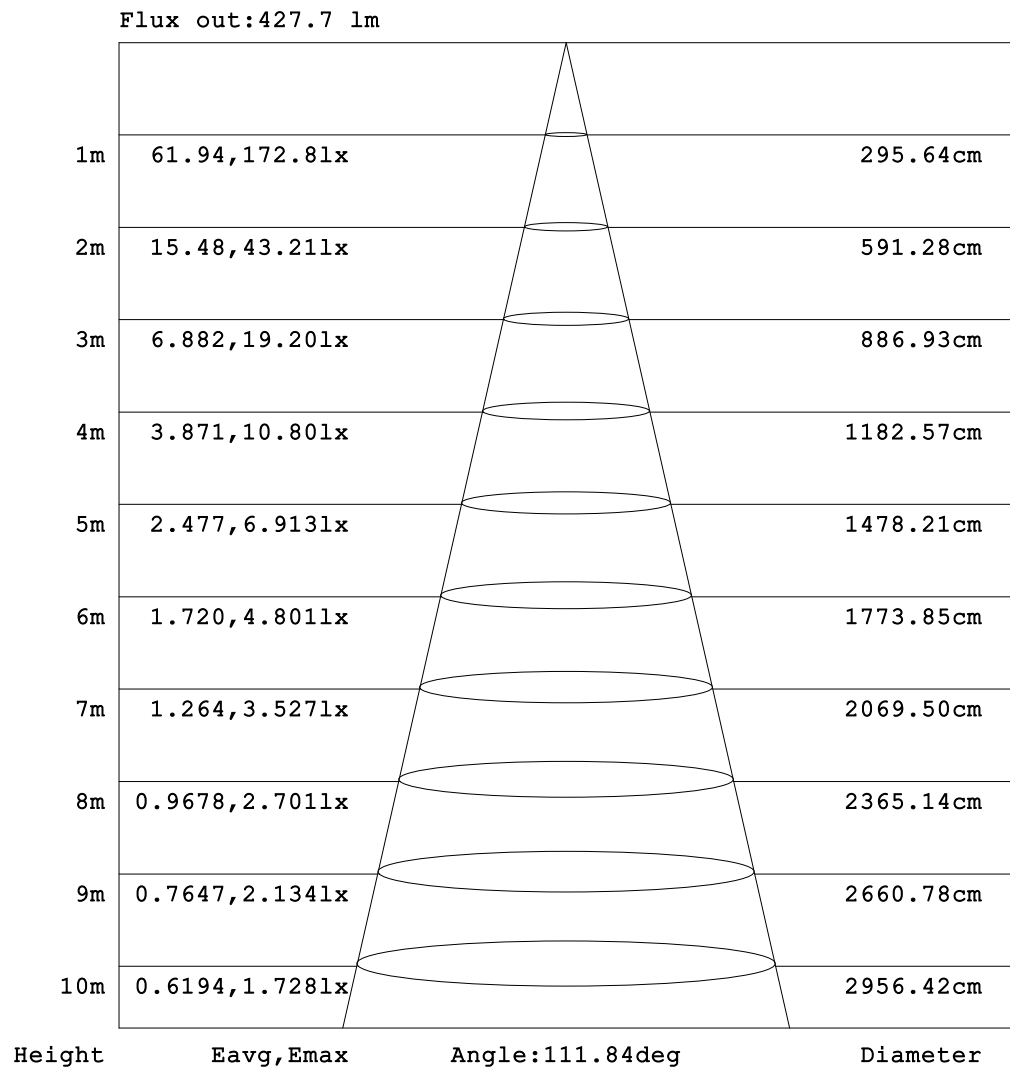


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:KEVINLI
Test Date:2020-08-13

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: S2835L140V24NW40K8IP67-10-D20D

AAI Figure

Test:U:24.057V I:0.6002A P:14.439W PF:1.0000 Freq:0Hz Lamp Flux:1166.81x1 lm		
NAME: D20D	TYPE:D20D	WEIGHT:
SPEC.:1000*20*20	DIM.: 1000*20*20	SERIAL No.:
MFR.: BLUEVISION	SUR.:1000*20	Shielding Angle:



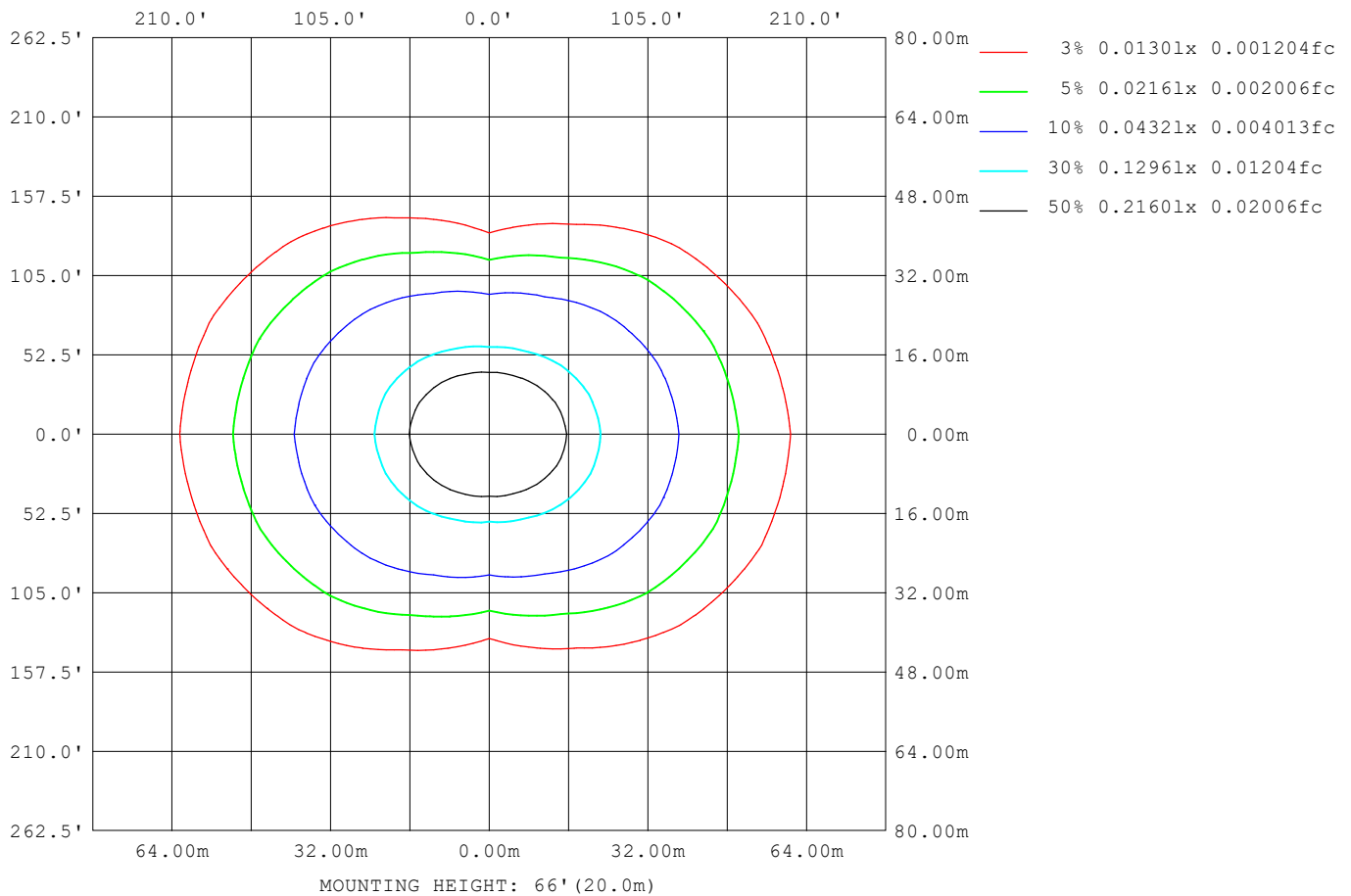
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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: S2835L140V24NW40K8IP67-10-D20D

ISOLUX DIAGRAM

Test:U:24.057V I:0.6002A P:14.439W PF:1.0000 Freq:0Hz Lamp Flux:1166.81x1 lm		
NAME: D20D	TYPE:D20D	WEIGHT:
SPEC.:1000*20*20	DIM.: 1000*20*20	SERIAL No.:
MFR.: BLUEVISION	SUR.:1000*20	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: S2835L140V24NW40K8IP67-10-D20D

LED Avg.L Report

Test:U:24.057V I:0.6002A P:14.439W PF:1.0000 Freq:0Hz Lamp Flux:1166.81x1 lm		
NAME: D20D	TYPE:D20D	WEIGHT:
SPEC.:1000*20*20	DIM.: 1000*20*20	SERIAL No.:
MFR.: BLUEVISION	SUR.:1000*20	Shielding Angle:

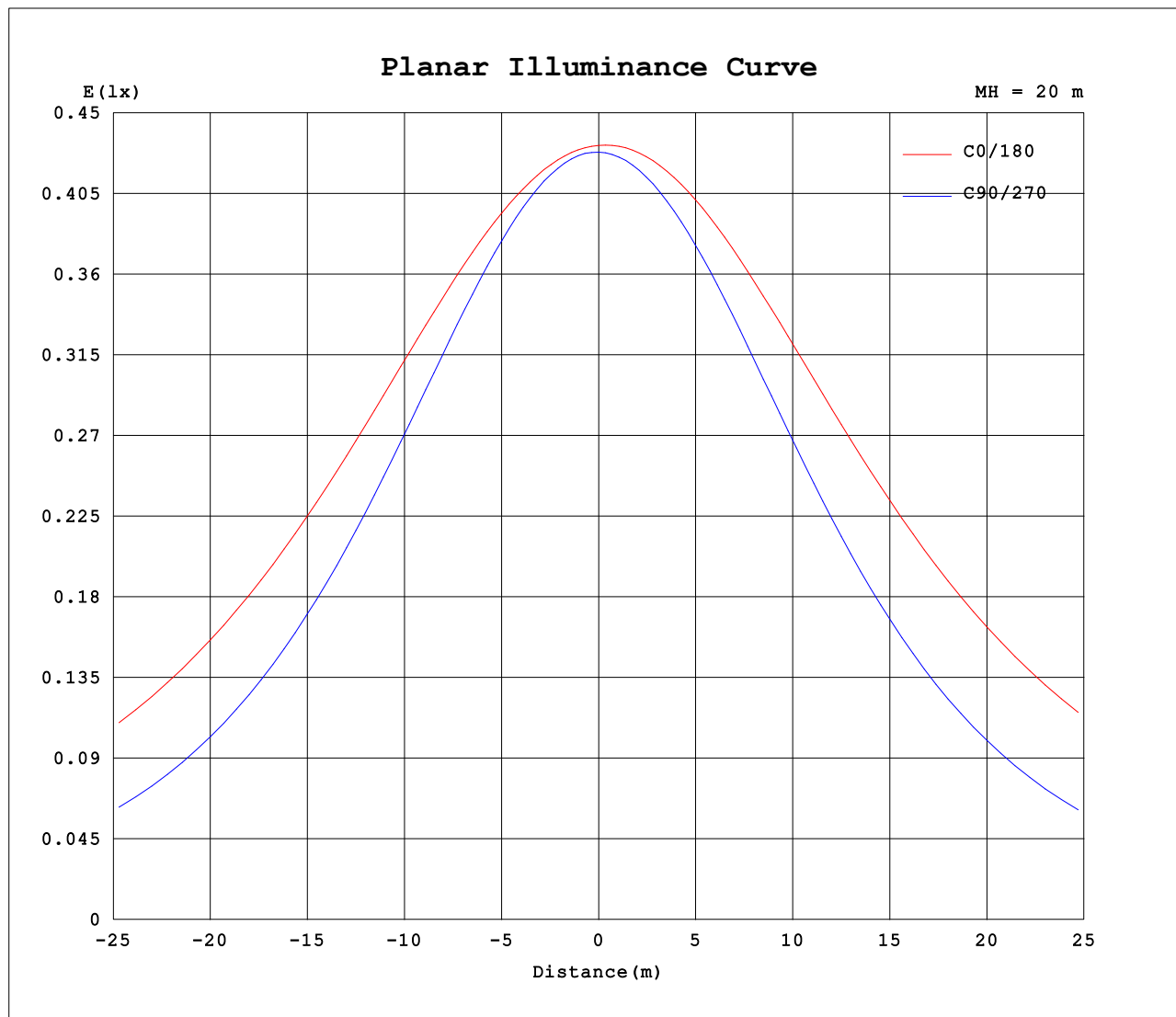
AvgL	cd/m2
L_0~180 (65) av	21020
L_0~180 (75) av	33473
L_0~180 (85) av	95196
L_90~270 (65) av	6838
L_90~270 (75) av	4862
L_90~270 (85) av	935
L_45 (65) av	15720
L_45 (75) av	23840
L_45 (85) av	65010

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: S2835L140V24NW40K8IP67-10-D20D

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: S2835L140V24NW40K8IP67-10-D20D

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.057V I:0.6002A P:14.439W PF:1.0000 Freq:0Hz Lamp Flux:1166.81x1 lm		
NAME: D20D	TYPE:D20D	WEIGHT:
SPEC.:1000*20*20	DIM.: 1000*20*20	SERIAL No.:
MFR.: BLUEVISION	SUR.:1000*20	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	172	172	172	172	172	172	172	172	172	172	172	172	172	172	172	172			
5	171	171	171	171	171	171	172	172	172	172	172	171	171	170	171	171			
10	171	171	170	169	169	170	172	173	174	173	171	169	168	168	169	171			
15	171	171	168	166	165	167	171	173	175	173	170	166	164	165	167	170			
20	172	171	166	162	160	163	169	174	176	174	168	162	159	160	165	170			
25	173	171	164	157	154	158	167	174	178	174	166	157	152	154	162	170			
30	174	170	161	150	146	152	164	175	179	174	163	151	144	148	158	169			
35	174	170	157	143	137	145	161	175	181	175	160	144	135	140	155	168			
40	175	170	153	135	127	137	157	175	182	175	157	136	125	132	150	168			
45	175	169	149	126	116	129	154	175	183	175	153	127	113	122	146	166			
50	175	168	145	117	103	119	150	175	184	175	149	118	101	113	141	165			
55	175	166	141	108	90.3	110	146	174	185	174	145	109	87.9	103	136	163			
60	173	164	136	97.8	75.8	100	141	173	184	173	141	99.7	72.7	93.1	131	161			
65	172	162	131	88.3	59.7	90.7	137	171	184	171	137	90.6	55.9	83.2	126	158			
70	169	159	126	79.2	43.1	81.6	133	169	182	169	133	81.9	39.3	73.7	121	155			
75	166	156	121	70.7	26.6	73.1	128	166	180	166	128	73.8	23.8	65.0	116	152			
80	163	152	116	63.0	12.1	65.2	123	162	177	163	124	66.6	10.7	57.4	111	148			
85	159	148	111	56.1	1.78	58.2	118	158	173	158	119	60.1	1.48	51.0	106	143			
90	155	143	107	50.9	0.59	51.9	112	153	168	153	113	54.1	0.59	46.3	101	139			
95	150	139	102	47.4	0.67	45.1	106	147	163	148	107	47.4	0.77	43.4	97.1	135			
100	145	134	98.2	44.1	2.36	33.2	95.1	138	155	140	98.0	36.3	1.13	41.4	93.1	130			
105	139	128	93.7	43.7	3.77	20.7	80.4	125	145	128	85.0	24.2	1.13	40.0	88.7	125			
110	132	122	88.4	42.3	5.08	11.4	63.9	108	131	113	69.8	14.2	1.18	35.4	83.0	119			
115	124	114	81.0	37.8	6.47	6.03	47.1	88.7	115	95.7	53.9	7.81	1.38	30.0	72.5	110			
120	115	107	70.8	33.5	7.91	3.34	31.5	69.2	96.0	77.2	38.4	4.16	1.69	25.2	59.9	104			
125	107	99.0	61.8	30.0	9.33	2.04	20.4	50.0	76.6	58.5	24.9	2.34	2.03	21.3	49.7	91.5			
130	97.5	86.2	52.9	27.7	10.8	1.78	12.3	33.0	57.2	40.4	15.3	1.62	2.38	17.4	41.3	75.9			
135	87.9	72.2	46.0	26.2	12.1	1.88	7.15	20.7	38.6	25.2	8.57	1.48	2.74	13.4	34.1	60.0			
140	78.1	58.6	40.7	25.3	13.3	2.12	4.19	11.5	22.9	14.3	4.57	1.48	3.10	11.1	27.8	46.4			
145	68.0	47.5	36.3	24.6	14.4	3.67	2.79	6.15	12.0	7.45	2.54	1.93	3.70	10.1	22.1	36.4			
150	58.0	39.6	32.3	24.1	15.8	5.57	2.73	3.28	5.77	3.41	2.01	3.48	5.95	11.8	16.2	27.2			
155	47.3	32.9	29.1	24.7	17.7	7.70	2.84	2.69	2.18	2.07	2.01	4.94	8.68	14.3	14.9	18.5			
160	38.0	28.2	27.7	25.3	19.2	9.86	4.79	2.94	1.66	1.96	2.08	6.37	11.6	16.9	16.6	13.5			
165	25.6	23.9	27.0	25.0	20.0	12.0	7.88	4.45	1.56	1.97	3.85	8.49	14.4	19.0	18.5	10.6			
170	18.5	20.2	25.4	23.2	20.3	14.5	11.0	8.35	1.73	3.51	7.31	11.6	16.8	20.4	20.2	10.3			
175	15.0	18.4	21.7	21.1	20.2	17.1	14.8	11.7	4.50	8.32	11.2	15.5	18.9	21.1	20.5	13.3			
180	11.1	14.7	17.5	18.5	20.0	19.9	19.4	15.3	11.0	15.3	16.9	19.1	19.5	20.1	19.5	15.2			

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