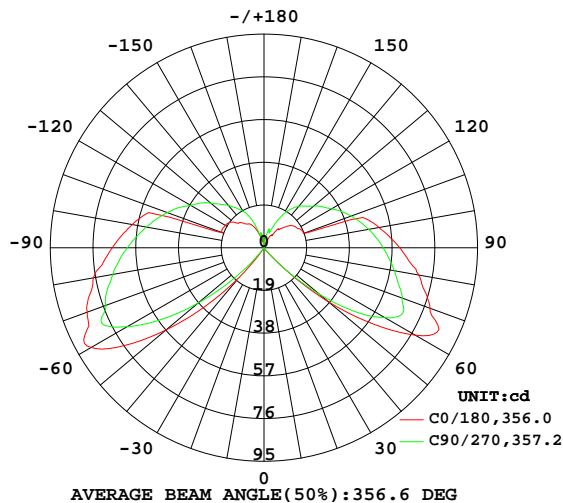


LUMINAIRE PHOTOMETRIC TEST REPORT

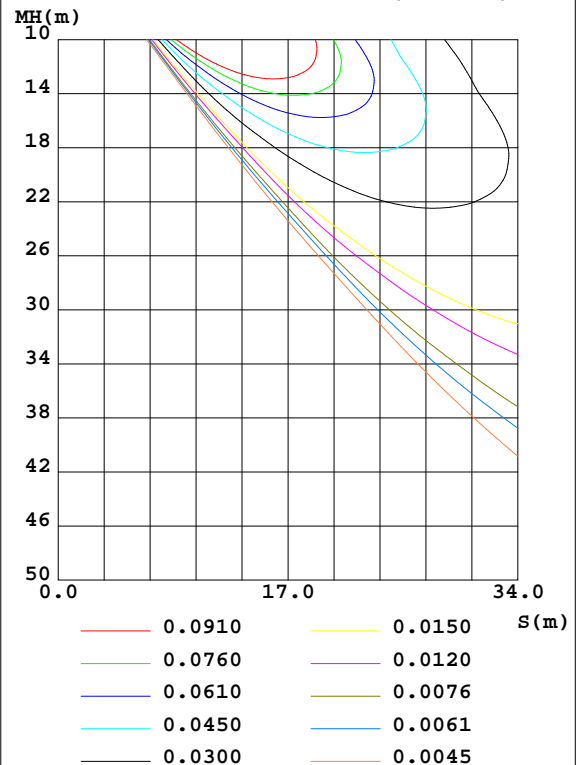
Test:U:120.0V I:0.0695A P:7.860W PF:0.9424 Lamp Flux:507.20lx1 lm		
NAME: LED Luminaires	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Maxim Lighting	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 64.53 lm/W			
MODEL: HRE-SZ2230628-37133E-EE		Imax(cd)	90.81	S/MH(C0/180)	12.61
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	12.04
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	507.20	η UP,DN(C0-180)	22.2,28.8
NOMINAL FLUX(lm)	507.201	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	21.1,28.0
LAMPS INSIDE	1	η up(%)	43.2	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	η down(%)	56.8	CIBSE SHR MAX	1.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Evan
Test Date:2023-06-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:30%
Test Distance:2.503m [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	0.3789	0.3712	0.3775	0.3637	0.3680	0.3679	0.3799	0.3791	0- 10	0.0356	0.0356	0.01,0.01
20	0.3880	0.3964	0.4285	0.3656	0.3679	0.3958	0.4328	0.4204	10- 20	0.1087	0.1442	0.03,0.03
30	0.5757	0.5550	0.5513	0.5293	0.5188	0.5774	0.5826	0.5258	20- 30	0.2102	0.3544	0.07,0.07
40	17.30	4.076	6.097	4.007	2.543	2.757	3.891	15.06	30- 40	1.353	1.708	0.34,0.34
50	56.99	34.31	38.39	38.74	37.45	25.83	32.12	56.25	40- 50	17.46	19.17	3.78,3.78
60	88.71	61.83	70.23	78.80	77.84	52.89	62.30	88.49	50- 60	51.54	70.70	13.9,13.9
70	83.62	64.65	74.92	81.19	78.54	61.31	65.48	81.45	60- 70	74.86	145.6	28.7,28.7
80	77.03	59.34	68.25	73.10	70.00	55.75	58.79	72.07	70- 80	73.92	219.5	43.3,43.3
90	67.47	53.67	60.82	66.18	60.43	50.43	53.01	64.06	80- 90	68.36	287.8	56.8,56.8
100	59.45	47.76	53.22	60.24	52.01	44.68	47.32	56.10	90-100	60.79	348.6	68.7,68.7
110	19.77	41.98	45.78	53.37	18.71	38.81	41.29	48.35	100-110	50.99	399.6	78.8,78.8
120	19.90	35.73	37.80	44.43	17.36	32.26	34.69	40.15	110-120	38.14	437.8	86.3,86.3
130	17.82	29.93	30.96	35.74	15.42	26.64	28.91	32.87	120-130	28.75	466.5	92,92
140	14.38	25.11	24.61	26.58	10.68	22.07	24.11	26.27	130-140	20.11	486.6	95.9,95.9
150	12.12	19.60	18.82	18.86	6.165	14.63	17.11	21.71	140-150	12.74	499.4	98.5,98.5
160	6.705	10.72	8.894	4.280	2.509	9.395	7.032	9.445	150-160	5.824	505.2	99.6,99.6
170	3.841	6.258	6.332	5.419	1.080	3.916	5.628	6.432	160-170	1.779	507.0	100,100
180	0	0.0041	0.0077	0.0098	0	0	0	0	170-180	0.2296	507.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 6.8419 lm

%lum = 1.3%

%lamp = 1.3%

Conical surface Flux(120deg): 70.704 lm

%lum = 13.9%

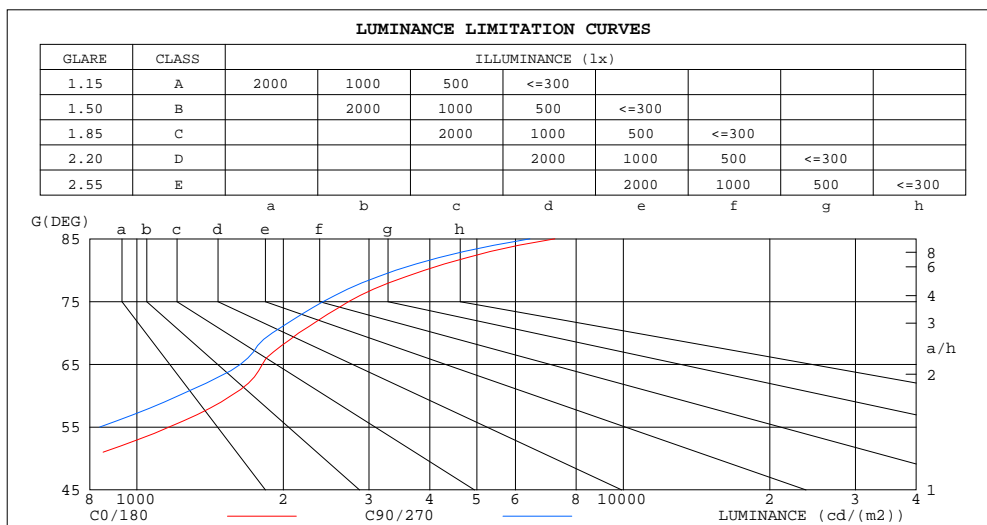
%lamp = 13.9%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:Evan
 Test Date:2023-06-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:30%
 Test Distance:2.503m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.0695A P:7.860W PF:0.9424 Lamp Flux:507.20lx1 lm		
NAME: LED Luminaires	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Maxim Lighting	SUR.:N/A	Shielding Angle:N/A



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	7229	6423
80	3904	3407
75	2726	2416
70	2152	1899
65	1811	1633
60	1562	1218
55	1165	839
50	780	518
45	454	258

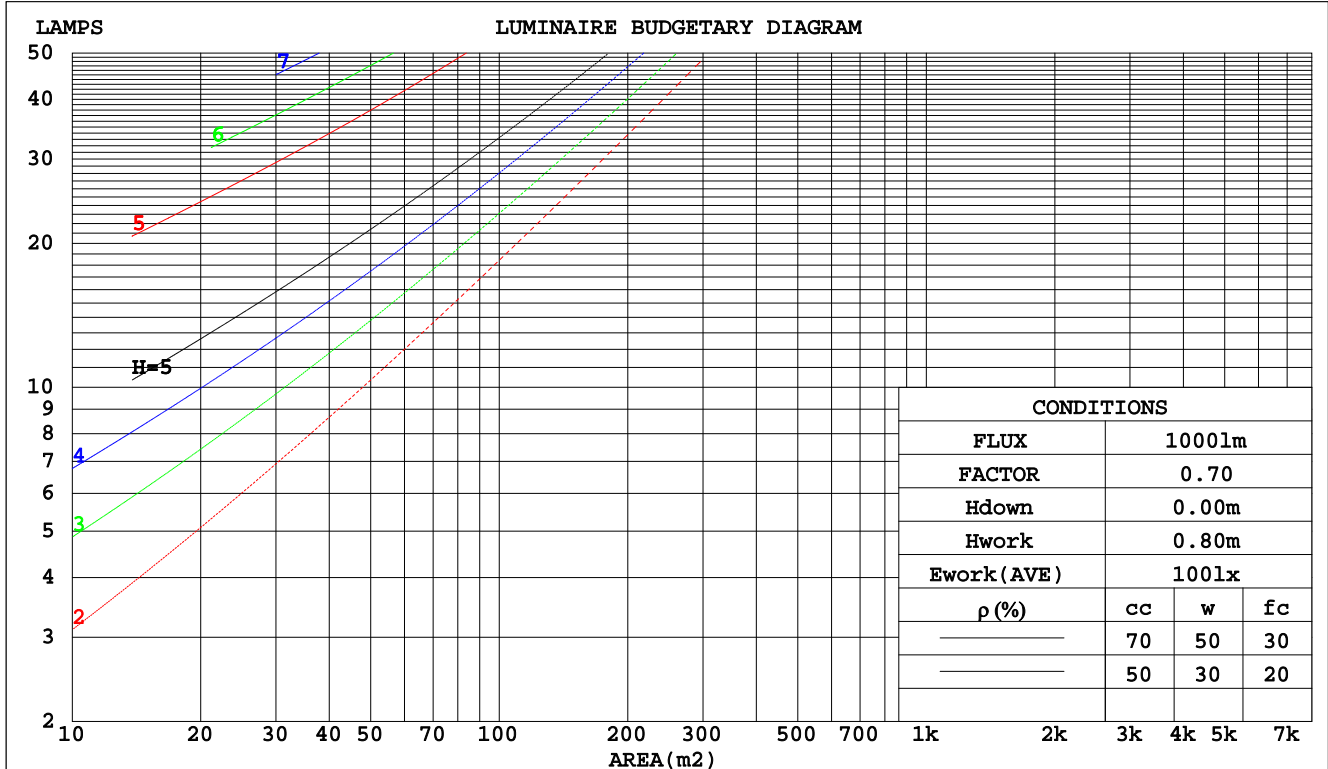
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Evan
Test Date:2023-06-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:30%
Test Distance:2.503m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.0695A P:7.860W PF:0.9424 Lamp Flux:507.20lx1 lm		
NAME: LED Luminaires	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Maxim Lighting	SUR.:N/A	Shielding Angle:N/A

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	1.09	1.09	1.09	1.01	1.01	1.01	.87	.87	.87	.74	.74	.74	.62	.62	.62	.57
1.0	.84	.77	.71	.77	.71	.65	.65	.60	.55	.53	.50	.46	.43	.40	.37	.32
2.0	.68	.59	.51	.63	.54	.47	.52	.45	.39	.42	.36	.32	.33	.28	.25	.20
3.0	.57	.47	.38	.52	.43	.35	.43	.35	.29	.34	.28	.23	.26	.21	.17	.13
4.0	.49	.38	.30	.44	.35	.27	.36	.28	.22	.29	.22	.17	.21	.16	.12	.08
5.0	.42	.32	.24	.38	.29	.22	.31	.23	.17	.25	.18	.13	.18	.13	.09	.06
6.0	.37	.27	.19	.34	.24	.18	.27	.20	.14	.21	.15	.11	.16	.11	.07	.04
7.0	.33	.23	.16	.30	.21	.15	.24	.17	.12	.19	.13	.09	.14	.09	.06	.03
8.0	.29	.20	.14	.27	.18	.12	.22	.15	.10	.17	.11	.07	.13	.08	.05	.02
9.0	.27	.18	.12	.24	.16	.11	.20	.13	.08	.16	.10	.06	.12	.07	.04	.01
10.0	.24	.16	.10	.22	.14	.09	.18	.12	.07	.14	.09	.05	.11	.06	.03	.01



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Evan
 Test Date: 2023-06-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 30%
 Test Distance: 2.503m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.0V I:0.0695A P:7.860W PF:0.9424 Lamp Flux:507.201x1 lm								
NAME: LED Luminaires				TYPE:N/A			WEIGHT:N/A	
SPEC.:N/A				DIM.: N/A			SERIAL No.:N/A	
MFR.: Maxim Lighting				SUR.:N/A			Shielding Angle:N/A	

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	.495	.281	.089	.474	.271	.086	.436	.250	.080	.400	.231	.074	.367	.213	.069	
2.0	.404	.221	.068	.385	.212	.065	.350	.194	.060	.317	.178	.056	.287	.162	.051	
3.0	.346	.184	.055	.328	.176	.053	.296	.160	.049	.266	.146	.045	.238	.132	.041	
4.0	.303	.157	.046	.287	.150	.044	.257	.136	.041	.230	.123	.037	.204	.111	.034	
5.0	.269	.137	.040	.255	.131	.038	.227	.118	.035	.202	.107	.032	.178	.095	.029	
6.0	.242	.121	.035	.229	.116	.033	.204	.105	.030	.180	.094	.028	.159	.083	.025	
7.0	.220	.109	.031	.208	.104	.030	.185	.093	.027	.163	.084	.024	.143	.074	.022	
8.0	.202	.099	.028	.191	.094	.027	.169	.084	.024	.149	.075	.022	.130	.067	.019	
9.0	.186	.090	.025	.176	.086	.024	.156	.077	.022	.137	.069	.020	.119	.061	.018	
10.0	.173	.083	.023	.163	.079	.022	.144	.071	.020	.127	.063	.018	.110	.055	.016	

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	.520	.520	.520	.444	.444	.444	.303	.303	.303	.174	.174	.174	.056	.056	.056		
1.0	.525	.487	.452	.450	.418	.389	.307	.287	.269	.177	.166	.156	.057	.054	.051		
2.0	.522	.466	.419	.447	.401	.362	.306	.277	.253	.177	.161	.148	.057	.052	.048		
3.0	.515	.451	.400	.442	.389	.347	.303	.270	.243	.175	.158	.143	.056	.051	.047		
4.0	.508	.440	.388	.436	.380	.337	.300	.265	.237	.173	.155	.140	.056	.051	.046		
5.0	.500	.431	.380	.429	.373	.331	.296	.261	.234	.171	.153	.139	.055	.050	.046		
6.0	.492	.424	.375	.423	.367	.327	.292	.257	.231	.169	.151	.137	.055	.049	.045		
7.0	.484	.418	.371	.417	.362	.323	.288	.254	.229	.167	.150	.136	.054	.049	.045		
8.0	.477	.412	.368	.411	.358	.321	.284	.251	.228	.165	.148	.136	.053	.049	.045		
9.0	.470	.408	.366	.405	.354	.319	.281	.249	.227	.164	.147	.135	.053	.048	.045		
10.0	.464	.404	.364	.400	.351	.318	.277	.247	.226	.162	.146	.135	.052	.048	.045		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Evan
Test Date:2023-06-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:30%
Test Distance:2.503m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.0695A P:7.860W PF:0.9424 Lamp Flux:507.20lx1 lm											
NAME: LED Luminaires					TYPE:N/A			WEIGHT:N/A			
SPEC.:N/A					DIM.: N/A			SERIAL No.:N/A			
MFR.: Maxim Lighting					SUR.:N/A			Shielding Angle:N/A			
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		12.4	13.6	13.2	14.5	15.6	12.0	13.3	12.8	14.2	15.3
	3H	15.9	17.1	16.7	17.9	19.1	15.7	16.9	16.5	17.8	18.9
	4H	17.7	18.8	18.5	19.7	20.8	17.4	18.5	18.3	19.4	20.6
	6H	19.5	20.6	20.4	21.5	22.7	19.2	20.2	20.0	21.1	22.3
	8H	20.6	21.6	21.4	22.5	23.7	20.1	21.1	21.0	22.1	23.2
	12H	21.7	22.7	22.6	23.6	24.8	21.2	22.2	22.1	23.1	24.3
4H	2H	13.2	14.3	14.0	15.2	16.3	13.0	14.1	13.8	15.0	16.1
	3H	16.8	17.8	17.6	18.7	19.8	16.8	17.7	17.6	18.7	19.8
	4H	18.7	19.6	19.6	20.5	21.7	18.7	19.6	19.6	20.5	21.7
	6H	20.8	21.6	21.7	22.5	23.7	20.6	21.5	21.5	22.4	23.6
	8H	21.9	22.7	22.8	23.6	24.9	21.7	22.5	22.6	23.4	24.6
	12H	23.2	23.9	24.1	24.9	26.1	22.9	23.6	23.8	24.5	25.8
8H	4H	19.2	20.0	20.1	20.9	22.1	19.2	20.0	20.1	20.9	22.1
	6H	21.5	22.2	22.5	23.2	24.4	21.5	22.1	22.4	23.1	24.3
	8H	22.9	23.5	23.8	24.4	25.7	22.8	23.4	23.7	24.3	25.6
	12H	24.4	24.9	25.3	25.9	27.2	24.2	24.8	25.2	25.7	27.0
12H	4H	19.3	20.1	20.3	21.0	22.3	19.3	20.0	20.3	21.0	22.2
	6H	21.7	22.3	22.7	23.3	24.6	21.7	22.3	22.6	23.3	24.5
	8H	23.2	23.7	24.1	24.7	26.0	23.1	23.6	24.1	24.6	25.9
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.2					+ 0.2 / - 0.3					
2.0H	+ 0.3 / - 0.4					+ 0.4 / - 0.5					

CIE Pub.117 Corrected 507.2 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.4)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Evan
Test Date:2023-06-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:30%
Test Distance:2.503m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.0695A P:7.860W PF:0.9424 Lamp Flux:507.20lx1 lm		
NAME: LED Luminaires	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Maxim Lighting	SUR.:N/A	Shielding Angle:N/A

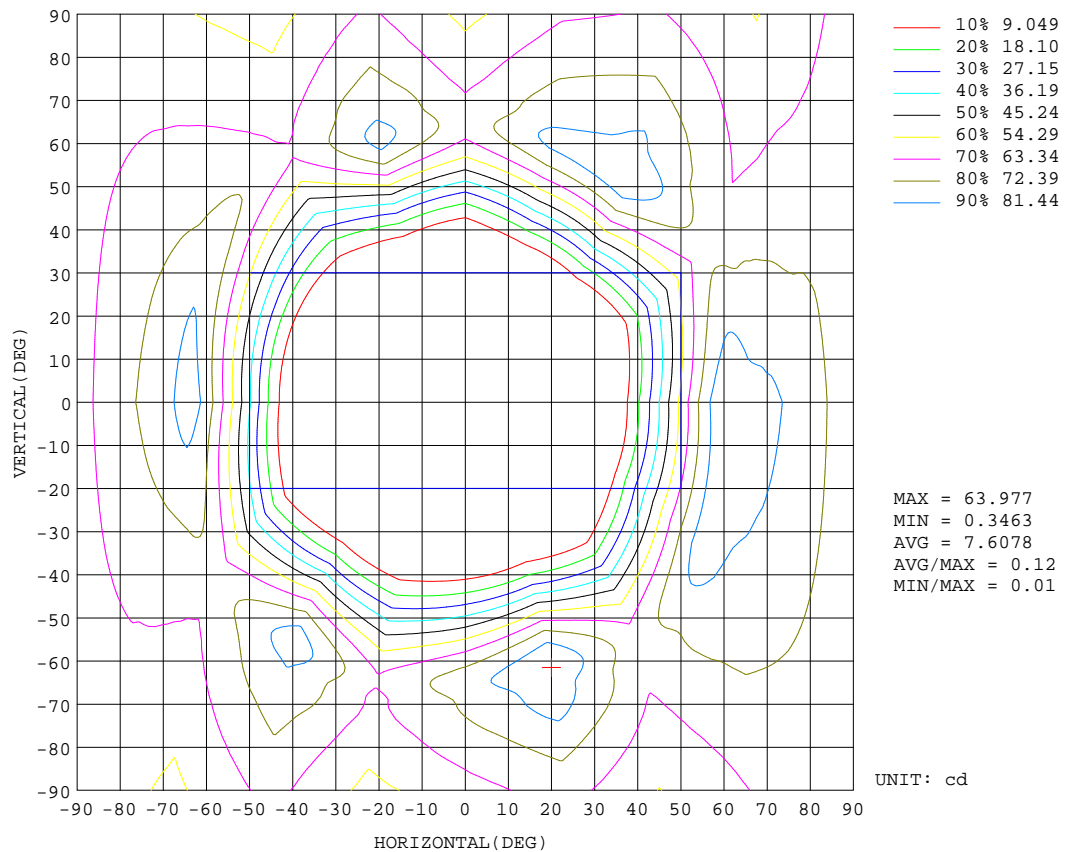
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	31	17	9	29	16	8	26	14	8	-0
0.80	39	23	14	36	22	13	32	20	12	2
1.00	46	30	19	43	28	18	37	27	16	4
1.25	53	37	26	49	34	24	42	30	21	8
1.50	58	42	31	54	40	29	46	34	26	10
2.00	67	52	41	62	48	38	53	42	33	16
2.50	73	59	48	67	55	45	58	47	39	20
3.00	77	65	54	72	60	51	61	52	44	24
4.00	84	72	63	77	67	59	66	58	51	29
5.00	88	78	69	81	72	65	69	62	56	33
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:25.1DEG
Operators:Evan
Test Date:2023-06-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:30%
Test Distance:2.503m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.0695A P:7.860W PF:0.9424 Lamp Flux:507.20lx1 lm		
NAME: LED Luminaires	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Maxim Lighting	SUR.:N/A	Shielding Angle:N/A

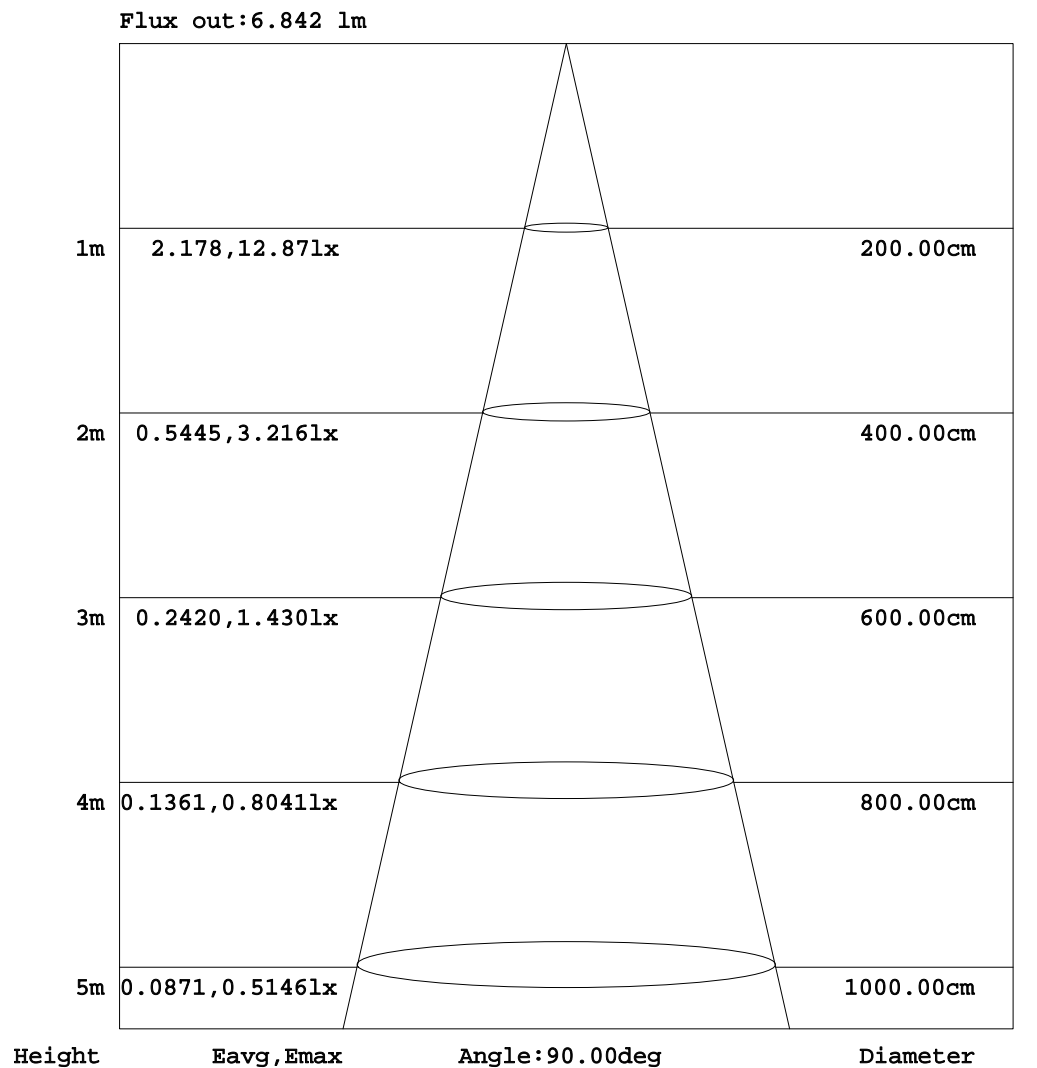


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Evan
Test Date:2023-06-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:30%
Test Distance:2.503m [K=1.0000]
Remarks:

AAI Figure

Test:U:120.0V I:0.0695A P:7.860W PF:0.9424 Lamp Flux:507.20lx1 lm		
NAME: LED Luminaires	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Maxim Lighting	SUR.:N/A	Shielding Angle:N/A



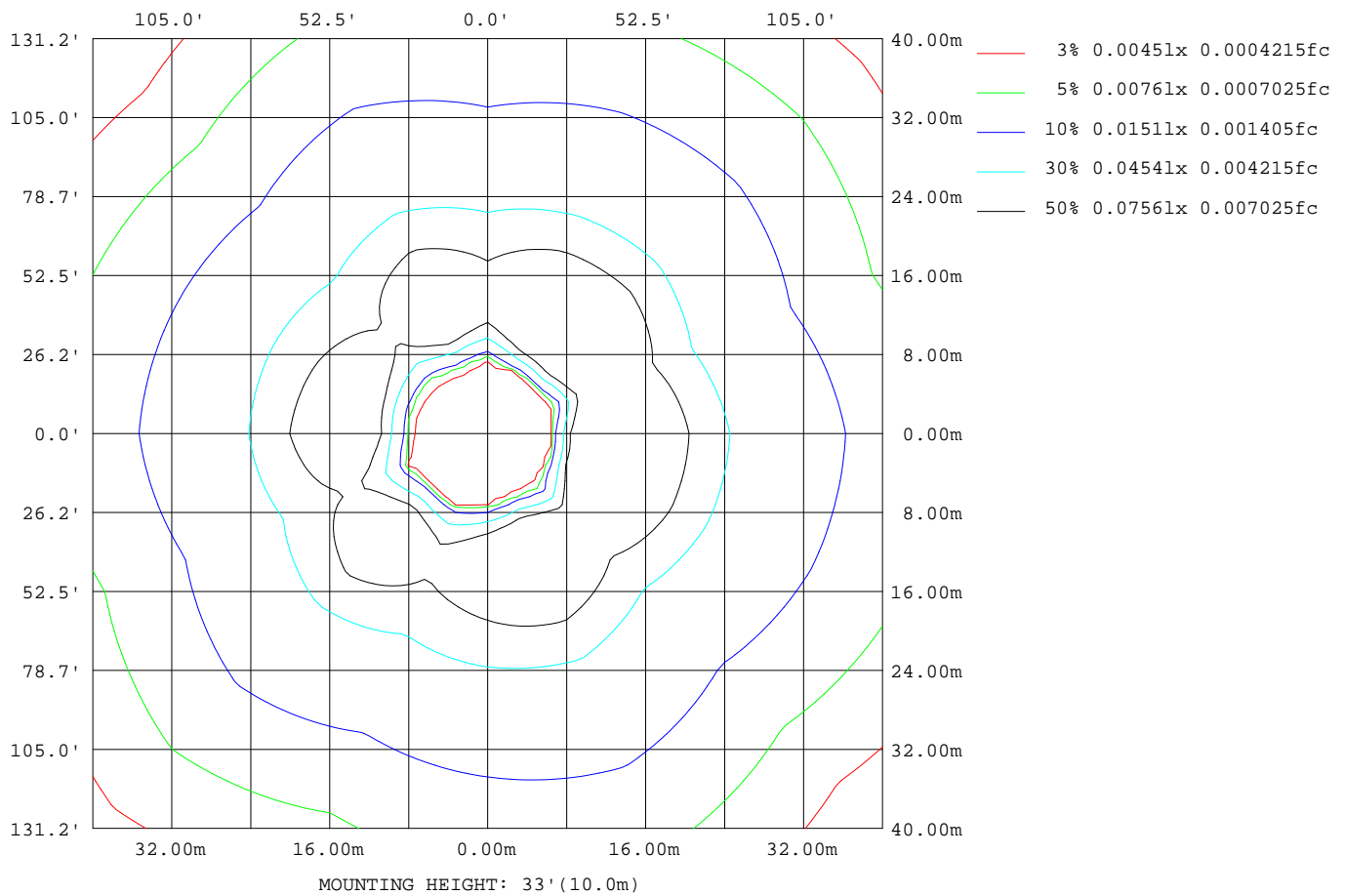
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: Evan
 Test Date: 2023-06-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 30%
 Test Distance: 2.503m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.0695A P:7.860W PF:0.9424 Lamp Flux:507.20lx1 lm		
NAME: LED Luminaires	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Maxim Lighting	SUR.:N/A	Shielding Angle:N/A



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Evan
Test Date: 2023-06-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity: 30%
Test Distance: 2.503m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.0V I:0.0695A P:7.860W PF:0.9424 Lamp Flux:507.20lx1 lm		
NAME: LED Luminaires	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Maxim Lighting	SUR.:N/A	Shielding Angle:N/A

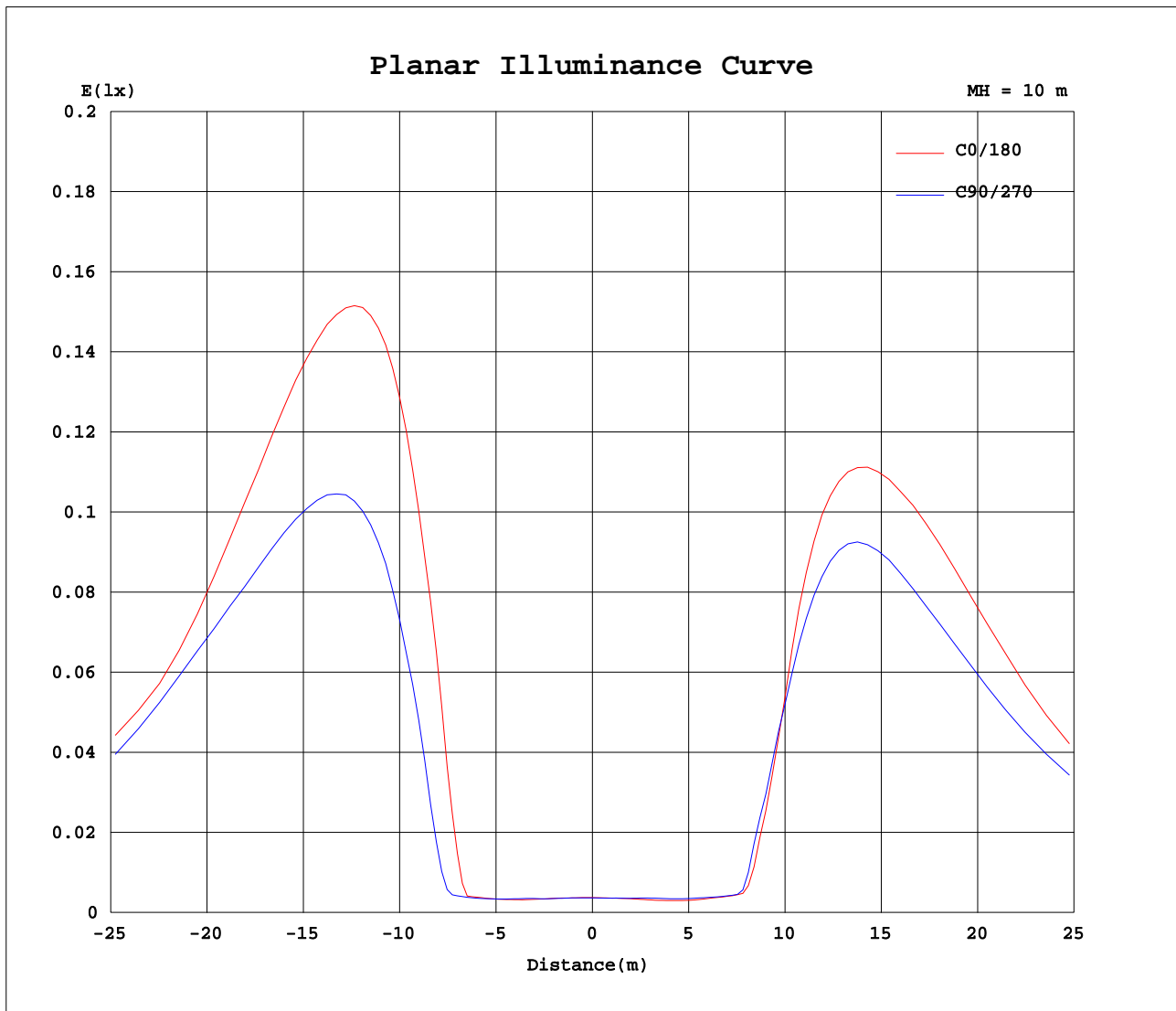
AvgL	cd/m2
L_0~180(65)av	1803
L_0~180(75)av	2625
L_0~180(85)av	6887
L_90~270(65)av	1542
L_90~270(75)av	2283
L_90~270(85)av	6094
L_45(65)av	1574
L_45(75)av	2343
L_45(85)av	6254

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:Evan
Test Date:2023-06-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:30%
Test Distance:2.503m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators: Evan
Test Date: 2023-06-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity: 30%
Test Distance: 2.503m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.0695A P:7.860W PF:0.9424 Lamp Flux:507.20lx1 lm																	
NAME: LED Luminaires									TYPE:N/A						WEIGHT:N/A		
SPEC.:N/A									DIM.: N/A						SERIAL No.:N/A		
MFR.: Maxim Lighting									SUR.:N/A						Shielding Angle:N/A		

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	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37			
5	0.37	0.38	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.38	0.38	0.38		
10	0.38	0.38	0.37	0.37	0.38	0.37	0.36	0.36	0.37	0.37	0.37	0.37	0.38	0.38	0.38	0.38	0.38		
15	0.38	0.37	0.37	0.39	0.39	0.37	0.36	0.35	0.36	0.36	0.38	0.40	0.41	0.41	0.39	0.38			
20	0.39	0.38	0.40	0.42	0.43	0.41	0.37	0.35	0.37	0.37	0.40	0.43	0.43	0.43	0.42	0.39			
25	0.44	0.43	0.43	0.47	0.46	0.44	0.43	0.36	0.41	0.40	0.45	0.49	0.47	0.46	0.47	0.42			
30	0.58	0.55	0.56	0.59	0.55	0.50	0.53	0.41	0.52	0.51	0.58	0.62	0.58	0.53	0.53	0.52			
35	2.69	2.03	0.88	1.10	0.77	0.62	0.62	0.52	0.74	0.78	0.84	0.97	0.77	1.08	2.38	0.69			
40	17.3	15.6	4.08	11.4	6.10	1.99	4.01	0.71	2.54	2.26	2.76	7.51	3.89	12.4	15.1	6.31			
45	36.5	33.3	17.8	29.1	21.0	12.8	17.8	6.25	15.2	13.9	12.3	23.0	15.0	29.9	35.3	21.5			
50	57.0	52.1	34.3	51.1	38.4	27.1	38.7	21.1	37.4	32.8	25.8	43.7	32.1	48.6	56.2	38.6			
55	75.9	69.5	50.2	72.4	55.5	42.0	60.6	39.4	59.1	51.0	40.0	64.3	49.5	65.6	75.2	53.8			
60	88.7	83.0	61.8	87.1	70.2	54.5	78.8	55.8	77.8	67.0	52.9	80.5	62.3	79.2	88.5	64.8			
65	87.0	83.2	65.9	89.5	79.6	63.0	87.1	66.1	85.9	76.8	62.8	84.6	68.2	82.2	86.0	67.1			
70	83.6	79.0	64.6	85.9	74.9	61.1	81.2	64.9	78.5	70.6	61.3	80.2	65.5	76.7	81.4	64.8			
75	80.2	75.2	61.9	81.7	72.1	59.7	77.9	61.2	73.9	66.6	58.4	75.8	61.8	72.9	77.0	61.9			
80	77.0	71.5	59.3	76.0	68.2	57.0	73.1	58.3	70.0	62.8	55.8	71.7	58.8	69.2	72.1	59.3			
85	71.6	67.7	56.5	71.5	64.6	54.2	69.5	55.4	64.5	59.0	53.2	68.4	55.9	65.5	68.0	56.5			
90	67.5	63.9	53.7	67.5	60.8	51.4	66.2	52.2	60.4	55.1	50.4	65.1	53.0	61.8	64.1	53.7			
95	63.5	60.1	50.8	63.3	57.0	49.0	63.2	49.0	56.1	51.2	47.7	61.6	50.2	58.1	60.1	50.7			
100	59.5	56.1	47.8	59.3	53.2	46.3	60.2	45.8	52.0	47.5	44.7	58.0	47.3	54.4	56.1	47.7			
105	55.5	52.4	44.8	55.1	49.5	43.6	57.2	42.8	48.0	43.9	41.8	53.9	44.4	50.8	52.3	44.9			
110	19.8	48.5	42.0	50.6	45.8	40.5	53.4	39.7	18.7	40.2	38.8	49.6	41.3	46.9	48.3	41.9			
115	20.3	44.6	39.0	46.0	42.1	37.5	49.0	36.4	18.5	36.6	35.7	45.2	38.1	43.3	44.1	38.8			
120	19.9	40.4	35.7	41.7	37.8	33.7	44.4	32.8	17.4	32.5	32.3	41.0	34.7	38.7	40.2	35.8			
125	19.3	37.2	32.7	37.7	34.7	30.7	40.2	29.3	16.7	29.7	29.5	37.5	31.8	36.1	36.6	32.9			
130	17.8	33.3	29.9	33.7	31.0	28.0	35.7	26.4	15.4	26.9	26.6	34.0	28.9	32.1	32.9	30.3			
135	15.9	29.7	27.8	29.8	27.4	24.6	31.1	24.7	13.1	23.2	24.3	30.5	26.2	28.5	29.0	27.8			
140	14.4	26.7	25.1	26.4	24.6	22.3	26.6	21.7	10.7	20.3	22.1	26.9	24.1	25.4	26.3	25.3			
145	12.9	23.8	22.5	23.2	21.7	19.9	22.8	18.7	8.93	17.4	18.7	23.3	21.1	21.9	24.1	22.7			
150	12.1	20.4	19.6	19.6	18.8	16.9	18.9	15.1	6.17	13.4	14.6	19.1	17.1	18.0	21.7	19.8			
155	10.00	17.0	16.2	15.1	15.1	12.1	12.5	9.75	4.83	6.22	7.84	11.2	12.1	13.8	17.5	15.9			
160	6.71	12.1	10.7	10.8	8.89	6.74	4.28	7.32	2.51	2.85	9.39	4.68	7.03	8.15	9.44	10.2			
165	3.64	5.40	6.76	6.57	4.64	9.86	7.95	6.56	1.32	1.78	6.97	7.27	8.68	8.82	4.19	6.56			
170	3.84	4.54	6.26	8.18	6.33	5.82	5.42	3.52	1.08	0.88	3.92	4.32	5.63	5.08	6.43	6.12			
175	1.34	2.20	3.32	2.67	1.17	1.60	0.76	0.62	0.51	0.51	0.49	0.49	0.55	1.21	0.85	0.78			
180	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

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