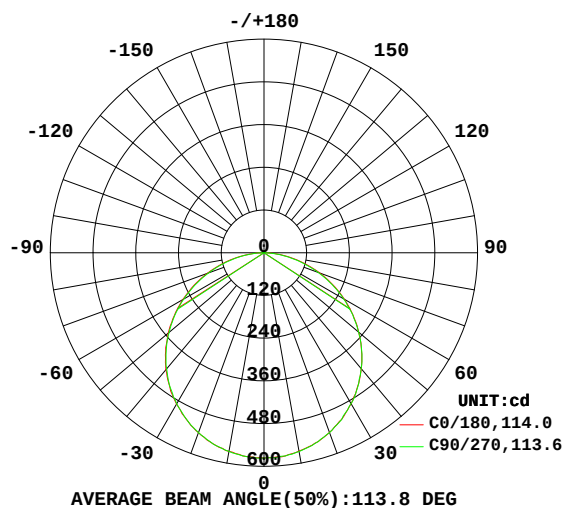


LUMINAIRE PHOTOMETRIC TEST REPORT

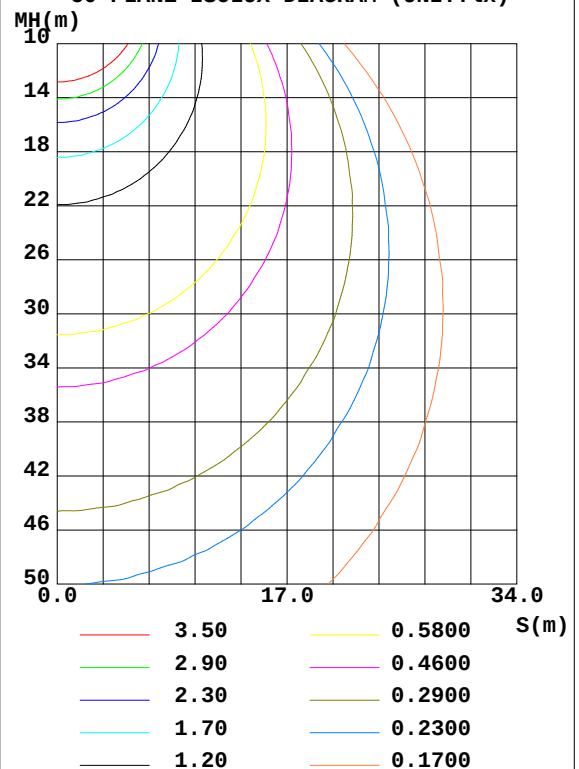
Test:U:120.0V I:0.1449A P:16.90W PF:0.9716 Lamp Flux:1686.2x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Youth green	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 99.77 lm/W			
MODEL	YG-9SM18-ETL 3CCT	Imax(cd)	578.0	S/MH(C0/180)	1.26
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	1686.2	η UP, DN(C0-180)	0.1, 50.2
NOMINAL FLUX(lm)	1686.2	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0, 49.7
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	99.9	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:25.5DEG
 Operators:Carl
 Test Date:2022-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
 Humidity:47%
 Test Distance:2.532m [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	566.6	568.5	566.7	568.0	565.5	565.7	566.9	566.1	0- 10	54.62	54.62	3.24, 3.24
20	537.9	539.9	537.8	539.1	537.3	538.2	537.6	538.8	10- 20	156.7	211.3	12.5, 12.5
30	491.2	492.1	490.2	492.4	489.7	490.4	489.1	490.9	20- 30	238.1	449.4	26.7, 26.7
40	428.6	428.0	425.6	428.6	425.3	426.0	425.1	425.9	30- 40	288.1	737.5	43.7, 43.7
50	350.9	350.4	348.3	350.7	347.8	348.1	347.3	347.0	40- 50	300.2	1038	61.5, 61.5
60	263.7	262.4	260.4	263.3	260.5	260.9	257.7	258.5	50- 60	273.3	1311	77.8, 77.8
70	168.9	168.7	165.4	168.2	166.7	165.9	162.2	163.7	60- 70	211.5	1523	90.3, 90.3
80	76.99	76.17	73.40	75.98	73.74	72.98	69.02	70.71	70- 80	125.8	1648	97.8, 97.8
90	3.124	3.135	3.128	3.354	0.0520	0.0434	0.0371	0.0369	80- 90	35.65	1684	99.9, 99.9
100	0.1671	0.1600	0.1579	0.1583	0.0733	0.0725	0.0714	0.0722	90-100	0.1889	1684	99.9, 99.9
110	0.2057	0.2000	0.1981	0.1995	0.1288	0.1274	0.1258	0.1275	100-110	0.1473	1684	99.9, 99.9
120	0.2678	0.2633	0.2622	0.2632	0.2012	0.1998	0.1985	0.2000	110-120	0.1935	1685	99.9, 99.9
130	0.3919	0.3904	0.3895	0.3909	0.2788	0.2760	0.2739	0.2773	120-130	0.2496	1685	99.9, 99.9
140	0.6232	0.6233	0.6218	0.6236	0.3492	0.3494	0.3467	0.3485	130-140	0.3102	1685	99.9, 99.9
150	0.9430	0.9423	0.9393	0.9424	0.4272	0.4261	0.4246	0.4263	140-150	0.3672	1686	100, 100
160	1.175	1.173	1.171	1.174	0.5513	0.5546	0.5506	0.5508	150-160	0.3587	1686	100, 100
170	1.107	1.105	1.103	1.107	0.6638	0.6683	0.6653	0.6636	160-170	0.2498	1686	100, 100
180	0.9275	0.9272	0.9303	0.9273	0.9290	0.9270	0.9273	0.9301	170-180	0.0862	1686	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

Conical surface Flux(90deg): 888.64 lm

%lum = 52.7%

%lamp = 52.7%

Conical surface Flux(120deg): 1311.1 lm

%lum = 77.8%

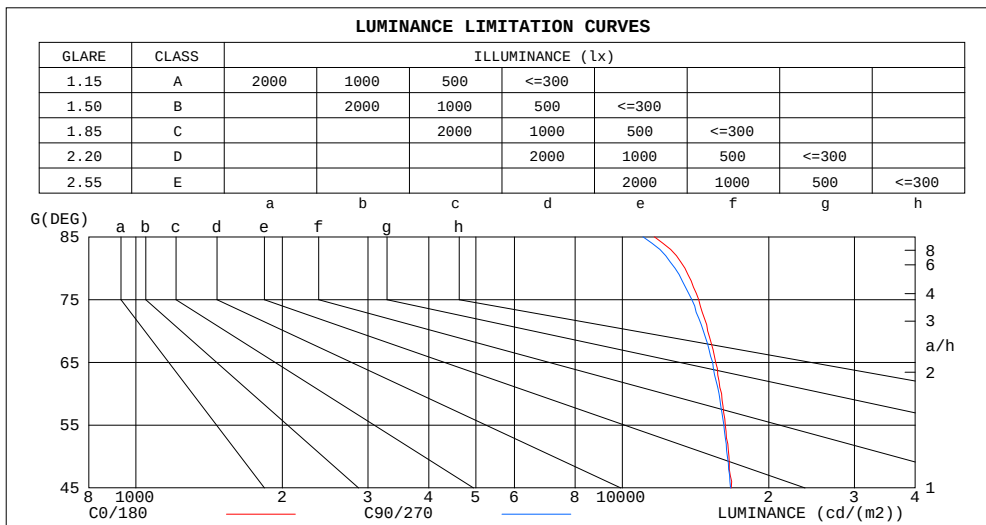
%lamp = 77.8%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.5DEG
 Operators: Carl
 Test Date: 2022-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.351
 Humidity: 47%
 Test Distance: 2.532m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.1449A P:16.90W PF:0.9716 Lamp Flux:1686.2x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Youth green	SUR.:N/A	Shielding Angle:N/A



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	11640	11027
80	13450	12828
75	14353	13896
70	14981	14674
65	15558	15333
60	16000	15806
55	16276	16172
50	16561	16446
45	16745	16690

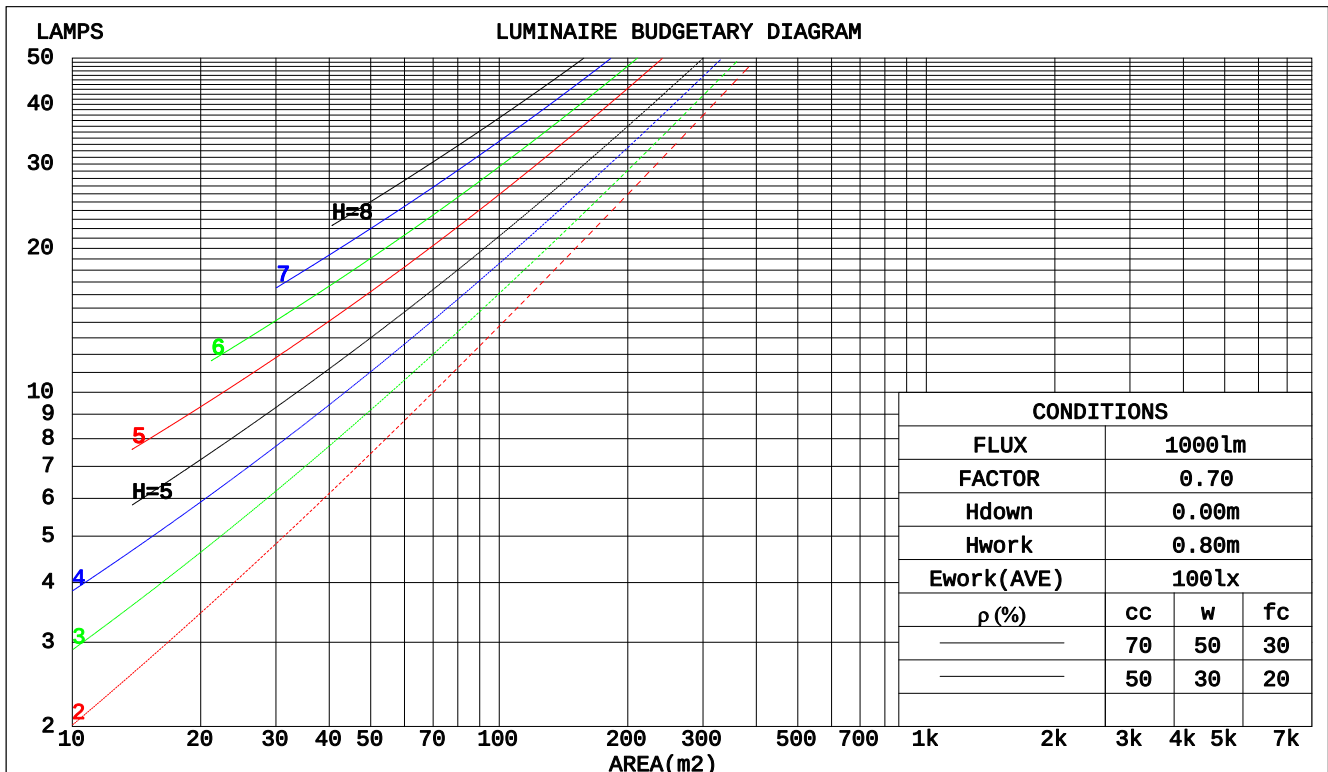
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.5DEG
Operators:Carl
Test Date:2022-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:47%
Test Distance:2.532m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.1449A P:16.90W PF:0.9716 Lamp Flux:1686.2x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Youth green	SUR.:N/A	Shielding Angle:N/A

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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.04	.99	.95	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.77	.88	.82	.76	.84	.79	.74	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.71	.64	.77	.70	.63	.74	.68	.62	.71	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.68	.60	.54	.66	.59	.53	.63	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.46	.61	.53	.46	.59	.51	.46	.57	.50	.45	.55	.49	.45	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.46	.40	.51	.45	.39	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.41	.35	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.31	.43	.36	.31	.42	.36	.31	.29
9.0	.42	.34	.29	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.24



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.5DEG
 Operators: Carl
 Test Date: 2022-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.351
 Humidity: 47%
 Test Distance: 2.532m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.0V I:0.1449A P:16.90W PF:0.9716 Lamp Flux:1686.2x1 lm									
NAME: LED luminaire					TYPE:N/A			WEIGHT:N/A	
SPEC.:N/A					DIM.: N/A			SERIAL No.:N/A	
MFR.: Youth green					SUR.:N/A			Shielding Angle:N/A	

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	.315	.179	.057	.308	.176	.056	.295	.169	.054	.283	.163	.052	.271	.157	.051	
2.0	.296	.162	.050	.289	.159	.049	.278	.154	.048	.267	.150	.047	.257	.145	.046	
3.0	.273	.145	.044	.267	.143	.043	.257	.139	.042	.247	.136	.042	.238	.132	.041	
4.0	.251	.131	.038	.247	.129	.038	.237	.126	.038	.229	.123	.037	.221	.120	.037	
5.0	.232	.118	.034	.228	.117	.034	.220	.114	.034	.212	.112	.033	.205	.109	.033	
6.0	.215	.108	.031	.211	.107	.031	.204	.105	.030	.197	.102	.030	.191	.100	.030	
7.0	.200	.099	.028	.197	.098	.028	.190	.096	.028	.184	.094	.027	.178	.093	.027	
8.0	.187	.091	.026	.184	.090	.026	.178	.089	.025	.172	.087	.025	.167	.086	.025	
9.0	.175	.085	.024	.172	.084	.024	.167	.082	.023	.162	.081	.023	.157	.080	.023	
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.153	.076	.022	.148	.075	.021	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.191	.191	.191	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.182	.157	.135	.155	.135	.116	.106	.093	.080	.061	.054	.047	.020	.017	.015	
2.0	.174	.133	.099	.149	.114	.085	.102	.079	.059	.059	.046	.035	.019	.015	.011	
3.0	.166	.115	.075	.142	.099	.065	.098	.069	.046	.056	.040	.027	.018	.013	.009	
4.0	.158	.102	.059	.136	.088	.051	.093	.061	.036	.054	.036	.021	.017	.012	.007	
5.0	.151	.092	.048	.130	.079	.042	.089	.055	.029	.052	.033	.017	.017	.011	.006	
6.0	.144	.083	.040	.124	.072	.035	.085	.051	.025	.049	.030	.015	.016	.010	.005	
7.0	.137	.076	.034	.118	.066	.030	.081	.046	.021	.047	.027	.013	.015	.009	.004	
8.0	.130	.071	.030	.112	.061	.026	.078	.043	.018	.045	.025	.011	.015	.008	.004	
9.0	.124	.066	.026	.107	.057	.023	.074	.040	.016	.043	.024	.010	.014	.008	.003	
10.0	.119	.061	.023	.102	.053	.020	.071	.038	.014	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.5DEG
Operators:Carl
Test Date:2022-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:47%
Test Distance:2.532m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.1449A P:16.90W PF:0.9716 Lamp Flux:1686.2x1 lm											
NAME: LED luminaire					TYPE:N/A			WEIGHT:N/A			
SPEC.:N/A					DIM.: N/A			SERIAL No.:N/A			
MFR.: Youth green					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		22.6	24.1	22.9	24.3	24.5	22.6	24.1	22.8	24.3	24.5
	3H	24.2	25.6	24.5	25.9	26.1	24.1	25.6	24.4	25.8	26.0
	4H	24.9	26.2	25.2	26.5	26.7	24.8	26.1	25.1	26.4	26.7
	6H	25.4	26.7	25.7	26.9	27.2	25.3	26.5	25.6	26.8	27.1
	8H	25.6	26.8	25.9	27.1	27.4	25.4	26.7	25.8	26.9	27.2
	12H	25.7	26.8	26.0	27.1	27.5	25.5	26.7	25.9	27.0	27.3
4H	2H	23.2	24.6	23.5	24.8	25.1	23.2	24.6	23.5	24.8	25.1
	3H	25.0	26.2	25.4	26.5	26.8	25.0	26.2	25.3	26.5	26.8
	4H	25.8	26.9	26.2	27.2	27.6	25.7	26.8	26.1	27.2	27.5
	6H	26.5	27.4	26.9	27.8	28.2	26.4	27.3	26.8	27.7	28.1
	8H	26.7	27.6	27.1	28.0	28.4	26.6	27.5	27.0	27.9	28.2
	12H	26.9	27.7	27.3	28.1	28.5	26.7	27.6	27.2	27.9	28.3
8H	4H	26.1	27.0	26.5	27.4	27.8	26.1	27.0	26.5	27.3	27.7
	6H	26.9	27.7	27.4	28.1	28.5	26.8	27.6	27.3	28.0	28.4
	8H	27.3	27.9	27.7	28.4	28.8	27.1	27.8	27.6	28.2	28.7
	12H	27.5	28.1	28.0	28.5	29.0	27.4	27.9	27.8	28.4	28.9
12H	4H	26.1	27.0	26.6	27.4	27.8	26.1	26.9	26.5	27.3	27.7
	6H	27.0	27.7	27.5	28.1	28.5	26.9	27.6	27.4	28.0	28.5
	8H	27.4	27.9	27.9	28.4	28.9	27.3	27.8	27.7	28.3	28.8
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3					

CIE Pub.117 Corrected 1686 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.8)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.5DEG
Operators:Carl
Test Date:2022-08-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:47%
Test Distance:2.532m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.1449A P:16.90W PF:0.9716 Lamp Flux:1686.2x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Youth green	SUR.:N/A	Shielding Angle:N/A

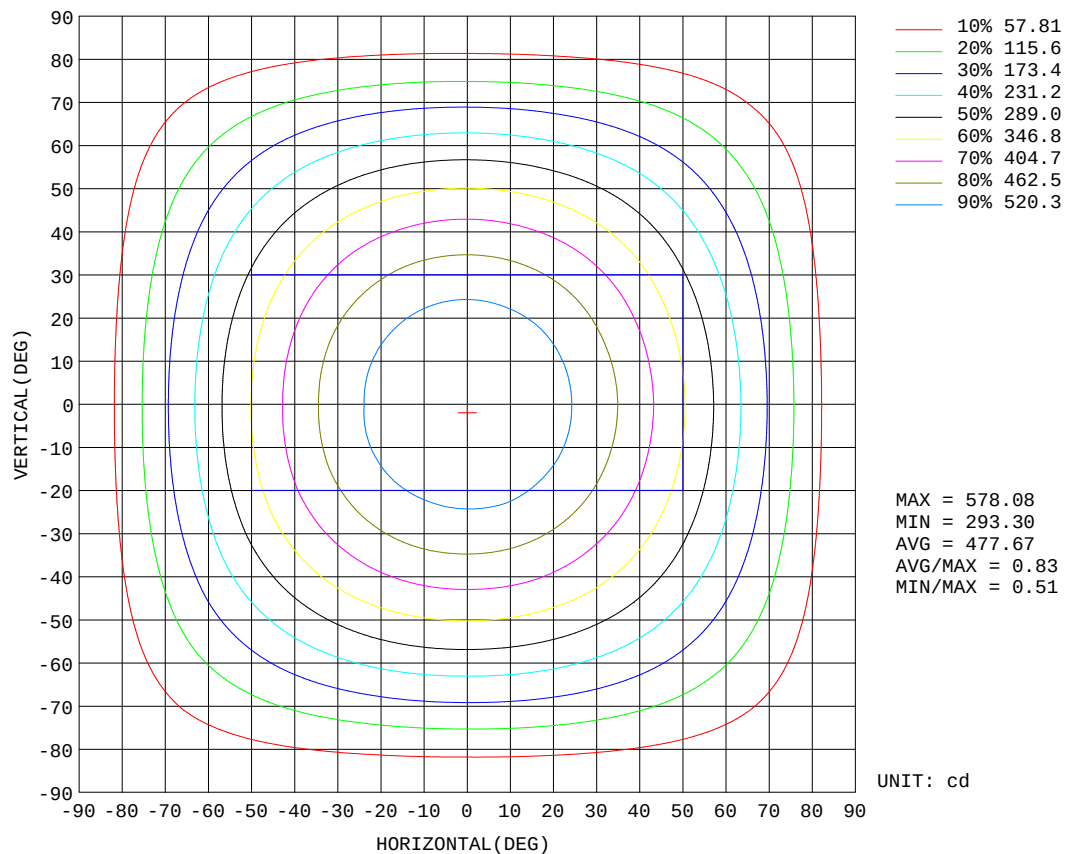
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	45	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	64	57	72	65	56	49
1.25	83	72	65	81	71	64	78	70	63	56
1.50	88	78	70	86	77	70	83	75	69	61
2.00	95	86	79	93	85	78	89	82	77	69
2.50	98	91	84	96	89	84	93	86	82	73
3.00	102	95	89	100	93	88	96	90	86	77
4.00	106	100	95	104	98	94	99	95	91	82
5.00	108	103	99	106	102	98	101	98	95	85
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:25.5DEG
Operators:Carl
Test Date:2022-08-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:47%
Test Distance:2.532m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.1449A P:16.90W PF:0.9716 Lamp Flux:1686.2x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Youth green	SUR.:N/A	Shielding Angle:N/A

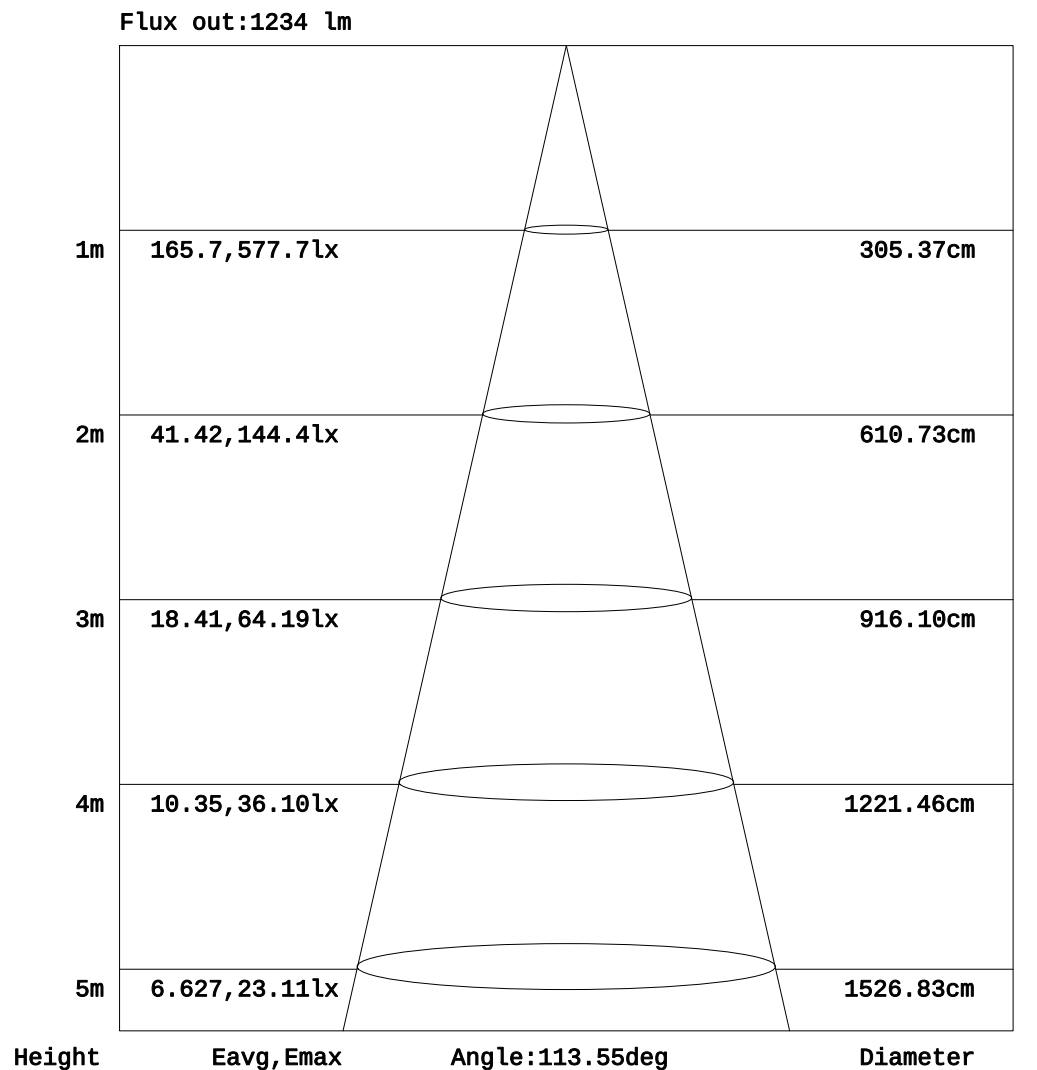


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.5DEG
Operators:Carl
Test Date:2022-08-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:47%
Test Distance:2.532m [K=1.0000]
Remarks:

AAI Figure

Test:U:120.0V I:0.1449A P:16.90W PF:0.9716 Lamp Flux:1686.2x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Youth green	SUR.:N/A	Shielding Angle:N/A



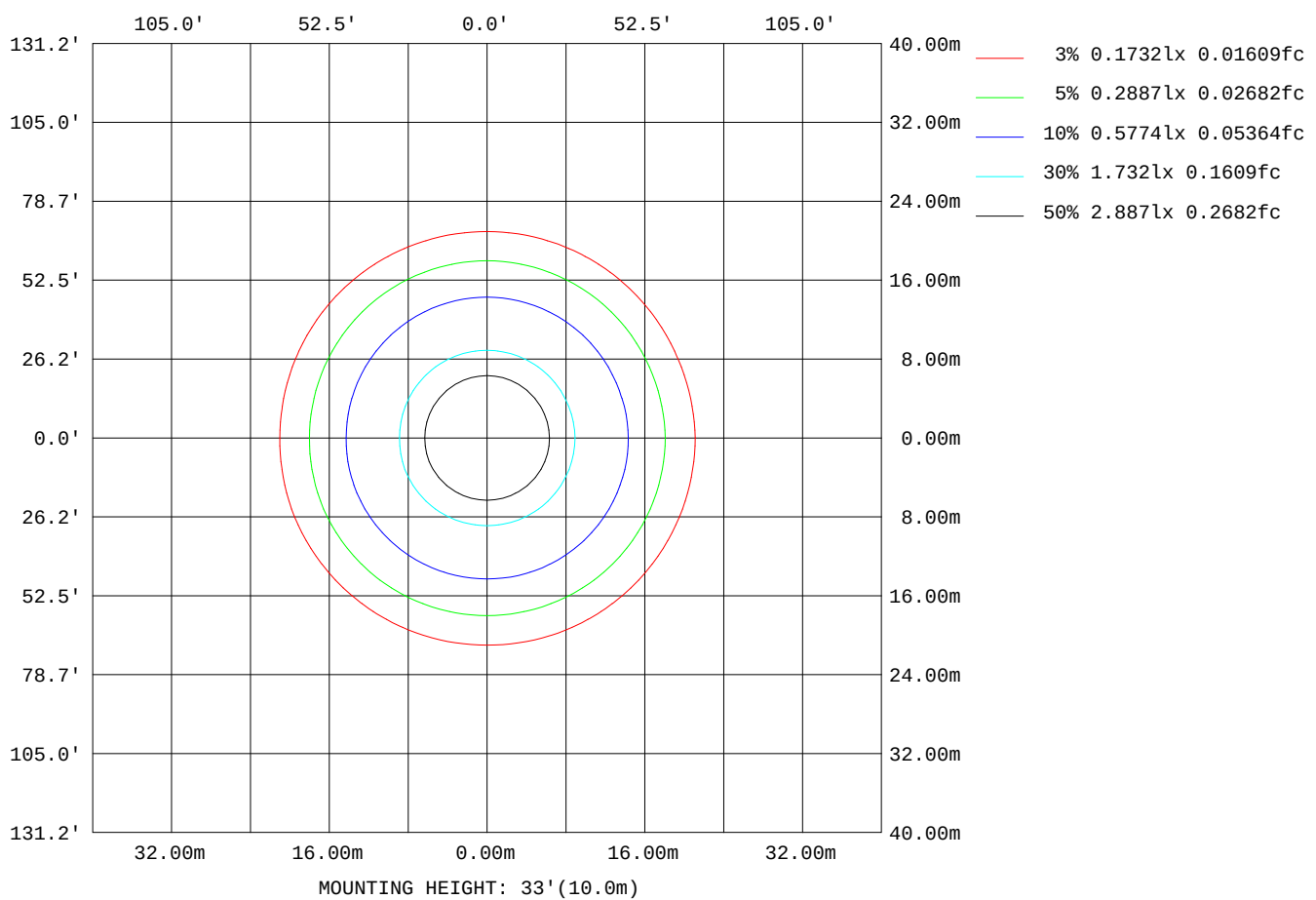
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.5DEG
 Operators:Carl
 Test Date:2022-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
 Humidity:47%
 Test Distance:2.532m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.1449A P:16.90W PF:0.9716 Lamp Flux:1686.2x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Youth green	SUR.:N/A	Shielding Angle:N/A



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.5DEG
 Operators: Carl
 Test Date: 2022-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.351
 Humidity: 47%
 Test Distance: 2.532m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:120.0V I:0.1449A P:16.90W PF:0.9716 Lamp Flux:1686.2x1 lm		
NAME: LED luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Youth green	SUR.:N/A	Shielding Angle:N/A

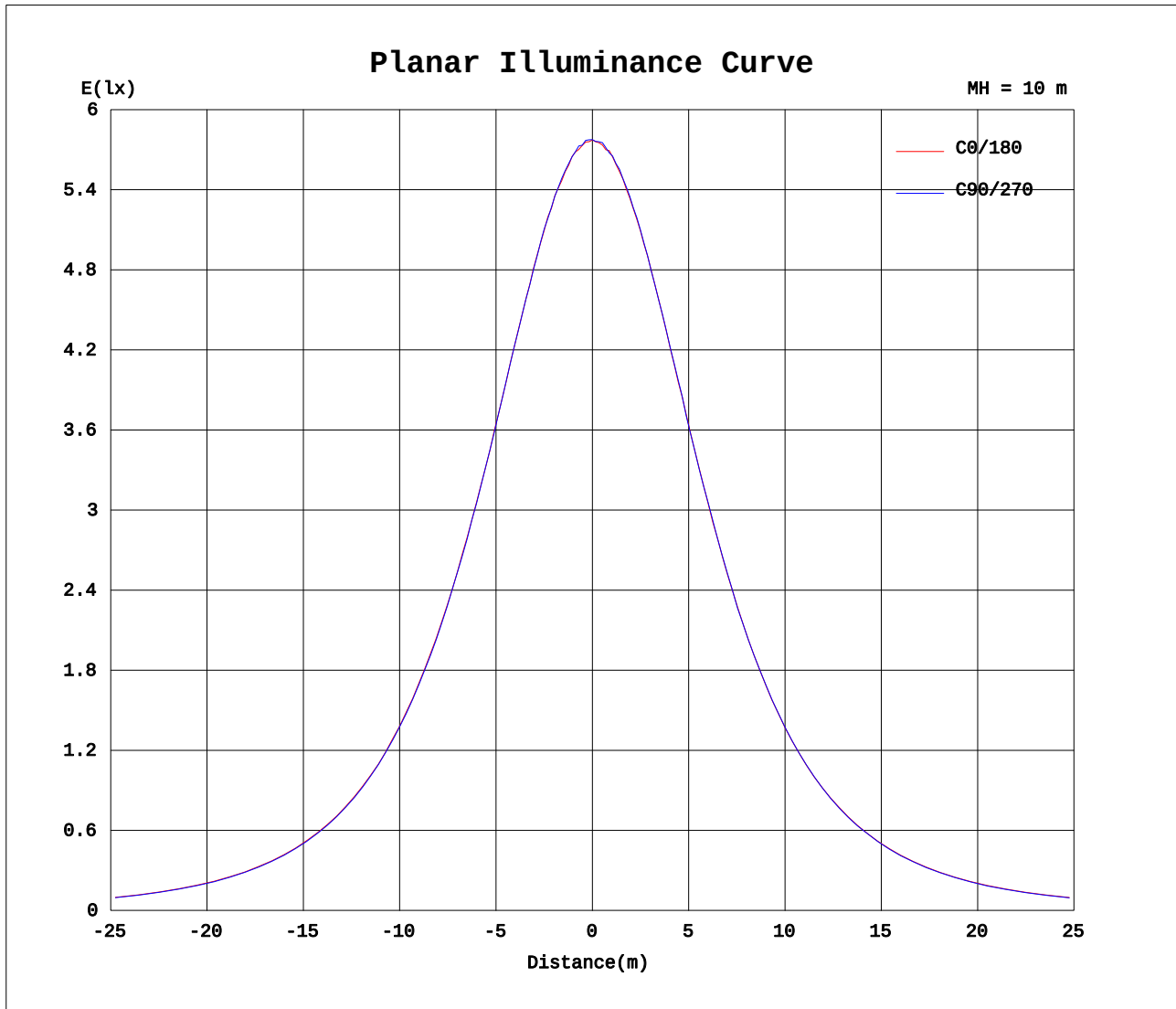
AvgL	cd/m2
L_0~180(65)av	15429
L_0~180(75)av	14127
L_0~180(85)av	11178
L_90~270(65)av	15220
L_90~270(75)av	13612
L_90~270(85)av	10360
L_45(65)av	15382
L_45(75)av	13985
L_45(85)av	10905

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.5DEG
 Operators:Carl
 Test Date:2022-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
 Humidity:47%
 Test Distance:2.532m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.5DEG
Operators: Carl
Test Date: 2022-08-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity: 47%
Test Distance: 2.532m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.1449A P:16.90W PF:0.9716 Lamp Flux:1686.2x1 lm																	
NAME: LED luminaire									TYPE:N/A						WEIGHT:N/A		
SPEC.:N/A									DIM.: N/A						SERIAL No.:N/A		
MFR.: Youth green									SUR.:N/A						Shielding Angle:N/A		

Table--1

UNIT: cd

C(°)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
γ (°)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	577	577	577	577	577	577	577	577	577	577	577	577	577	577	577	577			
5	574	575	576	574	574	575	575	573	575	574	575	574	574	574	575	574			
10	567	567	568	567	567	567	568	568	566	568	566	566	567	569	566	566			
15	555	556	556	555	556	555	556	555	554	555	556	554	554	555	556	554			
20	538	539	540	539	538	538	539	540	537	539	538	537	538	539	539	538			
25	516	517	518	518	516	516	518	517	516	516	517	516	517	516	517	516			
30	491	493	492	491	490	490	492	493	490	491	490	490	489	490	491	490			
35	461	462	461	460	460	462	463	463	459	462	461	460	460	459	460	459			
40	429	428	428	426	426	428	429	429	425	427	426	426	425	425	426	424			
45	390	391	391	389	389	391	391	392	387	390	390	388	388	388	388	388			
50	351	351	350	348	348	349	351	352	348	349	348	348	347	347	347	347			
55	308	308	307	306	306	307	308	308	305	306	306	305	305	303	304	302			
60	264	263	262	261	260	261	263	264	261	261	261	259	258	258	258	258			
65	217	217	216	215	214	214	216	217	213	214	214	211	211	210	211	212			
70	169	169	169	167	165	166	168	170	167	167	166	164	162	162	164	165			
75	122	123	122	120	119	119	121	123	119	119	118	116	114	114	116	117			
80	77.0	76.9	76.2	74.6	73.4	74.1	76.0	77.7	73.7	73.8	73.0	70.8	69.0	69.0	70.7	71.8			
85	33.4	33.5	33.1	32.2	31.7	32.1	33.2	34.2	30.8	30.9	30.3	29.0	27.9	27.7	28.7	29.3			
90	3.12	3.14	3.13	3.09	3.13	3.22	3.35	3.51	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.04			
95	0.14	0.14	0.13	0.13	0.13	0.13	0.13	0.13	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05			
100	0.17	0.17	0.16	0.16	0.16	0.16	0.16	0.16	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07			
105	0.19	0.19	0.18	0.18	0.18	0.18	0.18	0.18	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10			
110	0.21	0.21	0.20	0.20	0.20	0.20	0.20	0.20	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13			
115	0.23	0.23	0.23	0.22	0.22	0.22	0.23	0.23	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16			
120	0.27	0.27	0.26	0.26	0.26	0.26	0.26	0.26	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20			
125	0.32	0.32	0.32	0.32	0.31	0.32	0.32	0.32	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24			
130	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.28	0.28	0.28	0.27	0.27	0.28	0.28	0.28			
135	0.49	0.49	0.49	0.49	0.48	0.49	0.49	0.49	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31			
140	0.62	0.63	0.62	0.62	0.62	0.62	0.62	0.62	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35			
145	0.79	0.80	0.79	0.79	0.79	0.79	0.79	0.79	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39			
150	0.94	0.95	0.94	0.94	0.94	0.94	0.94	0.94	0.43	0.43	0.43	0.42	0.42	0.43	0.43	0.43			
155	1.08	1.08	1.08	1.07	1.08	1.08	1.08	1.08	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49			
160	1.18	1.18	1.17	1.17	1.17	1.17	1.17	1.17	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55			
165	1.17	1.17	1.17	1.16	1.17	1.17	1.17	1.17	0.60	0.61	0.61	0.61	0.61	0.60	0.60	0.61			
170	1.11	1.11	1.11	1.10	1.10	1.11	1.11	1.11	0.66	0.67	0.67	0.67	0.67	0.66	0.66	0.67			
175	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79			
180	0.93	0.92	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93			

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