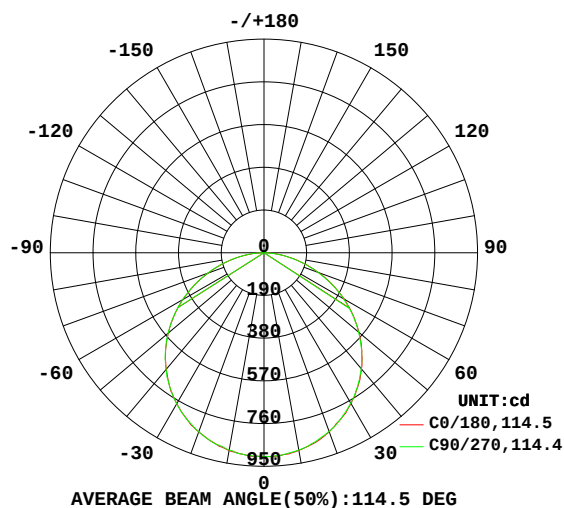


LUMINAIRE PHOTOMETRIC TEST REPORT

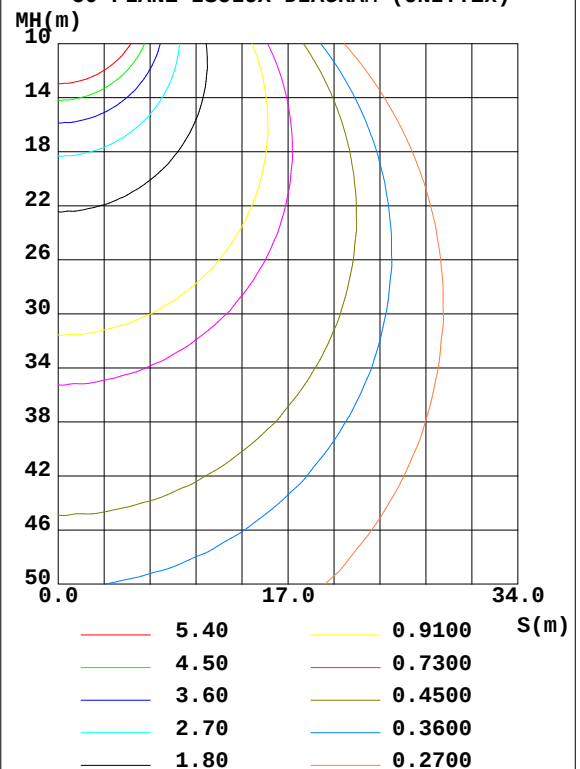
Test:U:120.0V I:0.2448A P:28.35W PF:0.9648 Lamp Flux:2664.74x1 lm		
NAME: LED Luminaire	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Youth green	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 93.99 lm/W			
MODEL	PSZ2S220818001-10	I _{max} (cd)	910.2	S/MH(C0/180)	1.27
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2664.7	η UP, DN(C0-180)	0.1, 50.3
NOMINAL FLUX(lm)	2664.74	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.1, 49.5
LAMPS INSIDE	1	η up(%)	0.2	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	120	η down(%)	99.8	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:25.7DEG
 Operators:Carl
 Test Date:2022-08-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
 Humidity:41%
 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	893.5	890.9	891.1	897.1	892.5	892.8	890.7	892.0	0- 10	85.85	85.85	3.22, 3.22
20	848.2	847.1	848.4	852.9	847.5	846.2	846.4	849.4	10- 20	246.5	332.4	12.5, 12.5
30	776.2	774.8	776.3	781.2	774.4	773.3	772.1	774.2	20- 30	375.4	707.7	26.6, 26.6
40	677.2	676.8	678.0	682.1	674.4	674.0	672.8	674.8	30- 40	455.5	1163	43.7, 43.7
50	556.4	557.1	557.0	559.7	552.1	550.2	549.4	551.1	40- 50	475.9	1639	61.5, 61.5
60	416.8	417.2	417.9	419.6	411.3	409.0	408.4	409.0	50- 60	433.7	2073	77.8, 77.8
70	264.6	267.7	267.0	266.7	258.3	258.6	255.9	255.6	60- 70	334.5	2407	90.3, 90.3
80	117.4	120.3	119.7	118.4	110.7	110.5	107.9	107.3	70- 80	196.9	2604	97.7, 97.7
90	3.735	5.853	6.068	5.658	0.1186	0.1121	0.1114	0.1121	80- 90	56.02	2660	99.8, 99.8
100	0.5326	0.5293	0.5262	0.5281	0.1680	0.1694	0.1690	0.1692	90-100	0.5645	2661	99.9, 99.9
110	0.5800	0.5768	0.5751	0.5750	0.2624	0.2673	0.2654	0.2678	100-110	0.4075	2661	99.9, 99.9
120	0.6249	0.6233	0.6237	0.6221	0.3988	0.3971	0.3952	0.4012	110-120	0.4601	2662	99.9, 99.9
130	0.7695	0.7683	0.7689	0.7681	0.5306	0.5239	0.5192	0.5262	120-130	0.5122	2662	99.9, 99.9
140	1.109	1.106	1.110	1.109	0.6420	0.6416	0.6368	0.6408	130-140	0.5775	2663	99.9, 99.9
150	1.584	1.580	1.582	1.589	0.7550	0.7575	0.7544	0.7562	140-150	0.6427	2664	100, 100
160	1.949	1.944	1.945	1.956	0.9445	0.9394	0.9483	0.9452	150-160	0.6055	2664	100, 100
170	1.827	1.822	1.823	1.831	1.121	1.119	1.124	1.123	160-170	0.4173	2665	100, 100
180	1.533	1.523	1.531	1.536	1.539	1.533	1.527	1.540	170-180	0.1429	2665	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1402.6 lm

%lum = 52.6%

%lamp = 52.6%

Conical surface Flux(120deg): 2072.9 lm

%lum = 77.8%

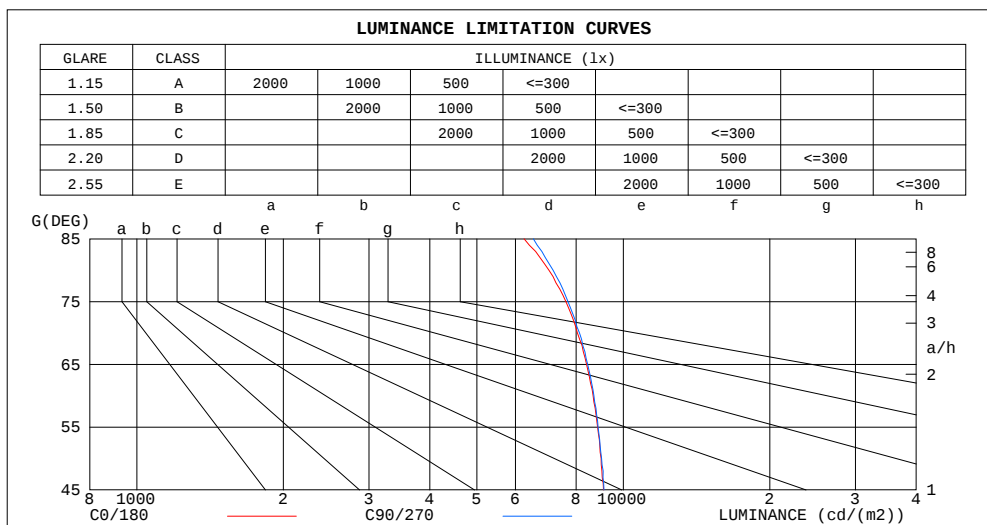
%lamp = 77.8%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.7DEG
 Operators: Carl
 Test Date: 2022-08-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.351
 Humidity: 41%
 Test Distance: 2.532m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.2448A P:28.35W PF:0.9648 Lamp Flux:2664.74x1 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	6251	6533
80	7032	7171
75	7616	7695
70	8043	8124
65	8404	8448
60	8668	8697
55	8852	8870
50	9001	9018
45	9102	9126

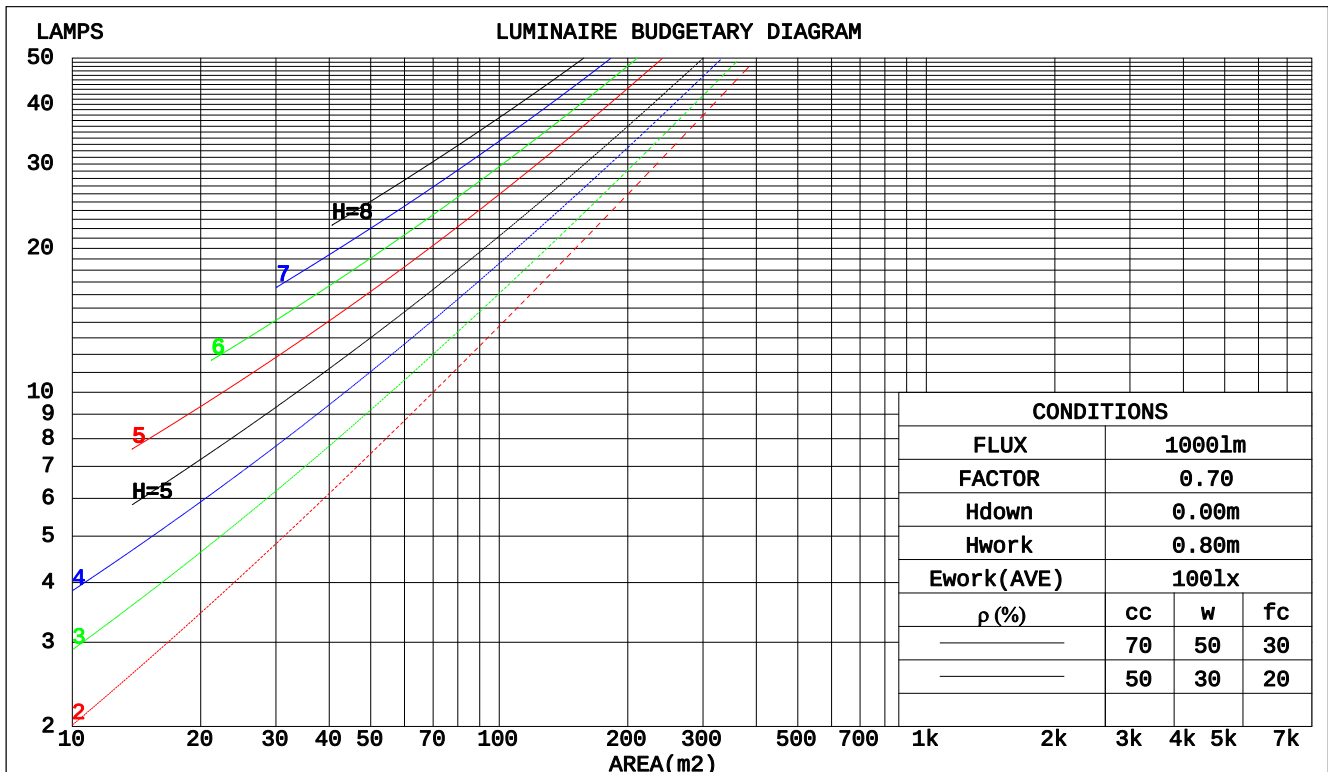
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.7DEG
Operators:Carl
Test Date:2022-08-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:41%
Test Distance:2.532m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.0V I:0.2448A P:28.35W PF:0.9648 Lamp Flux:2664.74x1 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	.28	.42	.34	.28	.41	.33	.28	.40	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.30	.26	.37	.30	.25	.36	.30	.25	.24



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.7DEG
 Operators: Carl
 Test Date: 2022-08-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.351
 Humidity: 41%
 Test Distance: 2.532m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:120.0V I:0.2448A P:28.35W PF:0.9648 Lamp Flux:2664.74x1 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	.282	.163	.052	.271	.157	.051	
2.0	.296	.162	.050	.289	.159	.049	.277	.154	.048	.267	.150	.047	.256	.145	.046	
3.0	.273	.145	.044	.267	.143	.043	.257	.139	.042	.247	.135	.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	.083	.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	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.182	.157	.135	.156	.135	.116	.106	.093	.080	.061	.054	.047	.020	.017	.015	
2.0	.174	.133	.099	.149	.115	.085	.102	.079	.060	.059	.046	.035	.019	.015	.011	
3.0	.166	.116	.075	.143	.100	.065	.098	.069	.046	.057	.040	.027	.018	.013	.009	
4.0	.159	.102	.059	.136	.088	.051	.094	.062	.036	.054	.036	.021	.017	.012	.007	
5.0	.151	.092	.048	.130	.080	.042	.089	.056	.030	.052	.033	.018	.017	.011	.006	
6.0	.144	.084	.040	.124	.072	.035	.085	.051	.025	.050	.030	.015	.016	.010	.005	
7.0	.137	.077	.034	.118	.066	.030	.082	.047	.021	.047	.027	.013	.015	.009	.004	
8.0	.131	.071	.030	.112	.061	.026	.078	.043	.018	.045	.025	.011	.015	.008	.004	
9.0	.125	.066	.026	.107	.057	.023	.074	.040	.016	.043	.024	.010	.014	.008	.003	
10.0	.119	.062	.024	.102	.054	.021	.071	.038	.015	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.7DEG
Operators:Carl
Test Date:2022-08-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:41%
Test Distance:2.532m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.0V I:0.2448A P:28.35W PF:0.9648 Lamp Flux:2664.74x1 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	20.5	22.0	20.8	22.2	22.4	20.5	22.0	20.8	22.2	22.5
3H	22.1	23.5	22.4	23.7	24.0	22.1	23.5	22.4	23.8	24.0
4H	22.7	24.1	23.0	24.3	24.6	22.8	24.1	23.1	24.4	24.6
6H	23.2	24.5	23.5	24.8	25.0	23.3	24.5	23.6	24.8	25.1
8H	23.4	24.6	23.7	24.9	25.2	23.4	24.7	23.8	24.9	25.2
12H	23.5	24.7	23.8	25.0	25.3	23.5	24.7	23.9	25.0	25.3
4H 2H	21.1	22.5	21.4	22.7	23.0	21.1	22.5	21.5	22.7	23.0
3H	22.9	24.1	23.3	24.4	24.7	22.9	24.1	23.3	24.4	24.7
4H	23.7	24.8	24.1	25.1	25.4	23.7	24.8	24.1	25.1	25.5
6H	24.3	25.3	24.7	25.6	26.0	24.3	25.3	24.7	25.7	26.0
8H	24.5	25.4	24.9	25.8	26.2	24.6	25.5	25.0	25.8	26.2
12H	24.7	25.5	25.1	25.9	26.3	24.7	25.6	25.2	25.9	26.4
8H 4H	24.0	24.9	24.4	25.2	25.6	24.0	24.9	24.4	25.3	25.7
6H	24.8	25.5	25.2	25.9	26.3	24.8	25.5	25.2	26.0	26.4
8H	25.1	25.7	25.5	26.2	26.6	25.1	25.8	25.6	26.2	26.7
12H	25.3	25.9	25.8	26.3	26.8	25.4	25.9	25.9	26.4	26.9
12H 4H	24.0	24.8	24.4	25.2	25.6	24.0	24.8	24.5	25.2	25.6
6H	24.8	25.5	25.3	25.9	26.4	24.9	25.5	25.3	26.0	26.4
8H	25.2	25.8	25.7	26.2	26.7	25.2	25.8	25.7	26.3	26.7
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 2665 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.4)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.7DEG
Operators:Carl
Test Date:2022-08-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:41%
Test Distance:2.532m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.2448A P:28.35W PF:0.9648 Lamp Flux:2664.74x1 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

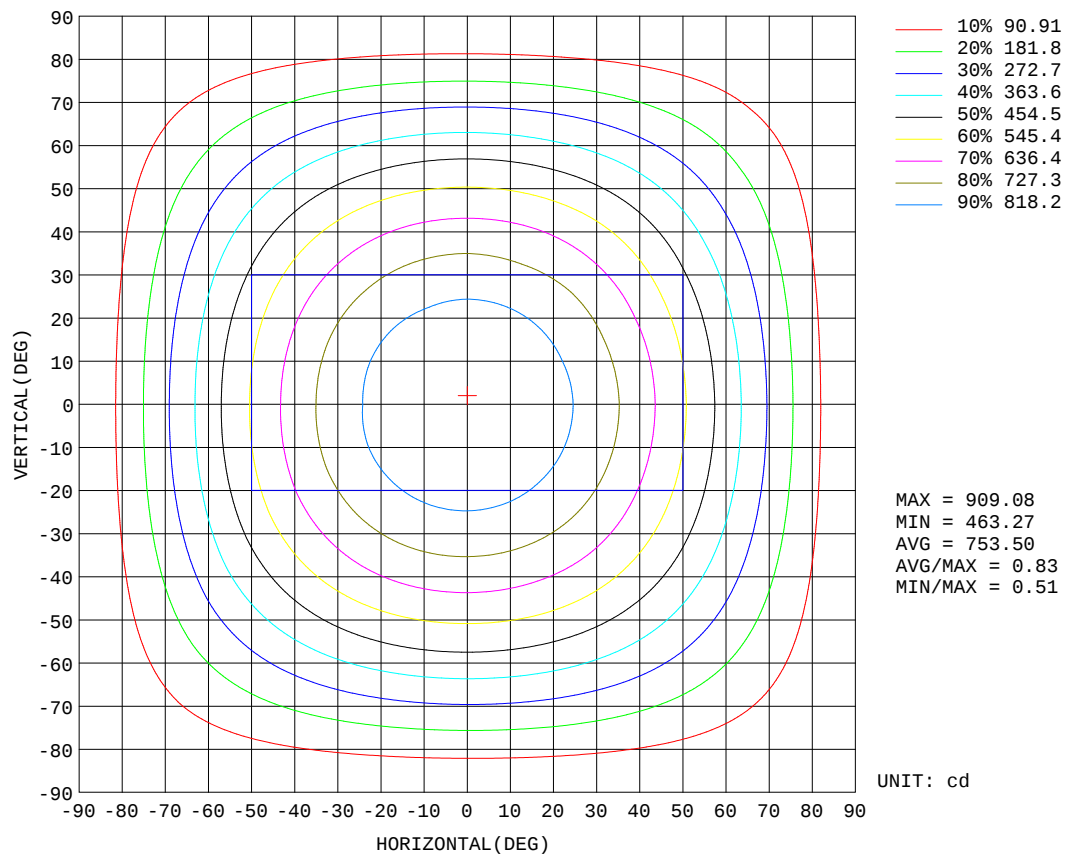
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	45	38	31
0.80	67	55	48	66	55	48	64	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:25.7DEG
Operators:Carl
Test Date:2022-08-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:41%
Test Distance:2.532m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.2448A P:28.35W PF:0.9648 Lamp Flux:2664.74x1 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

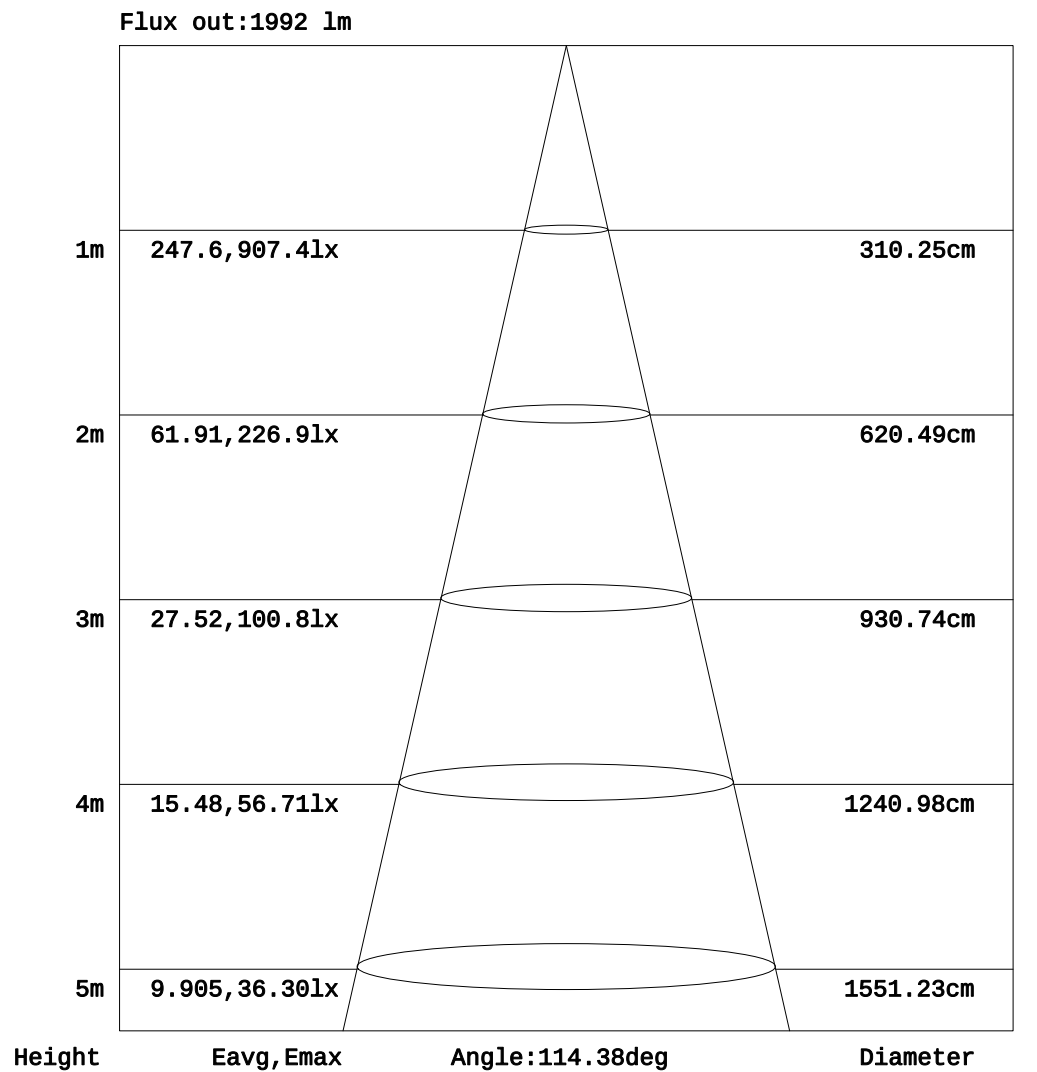


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.7DEG
Operators:Carl
Test Date:2022-08-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity:41%
Test Distance:2.532m [K=1.0000]
Remarks:

AAI Figure

Test:U:120.0V I:0.2448A P:28.35W PF:0.9648 Lamp Flux:2664.74x1 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



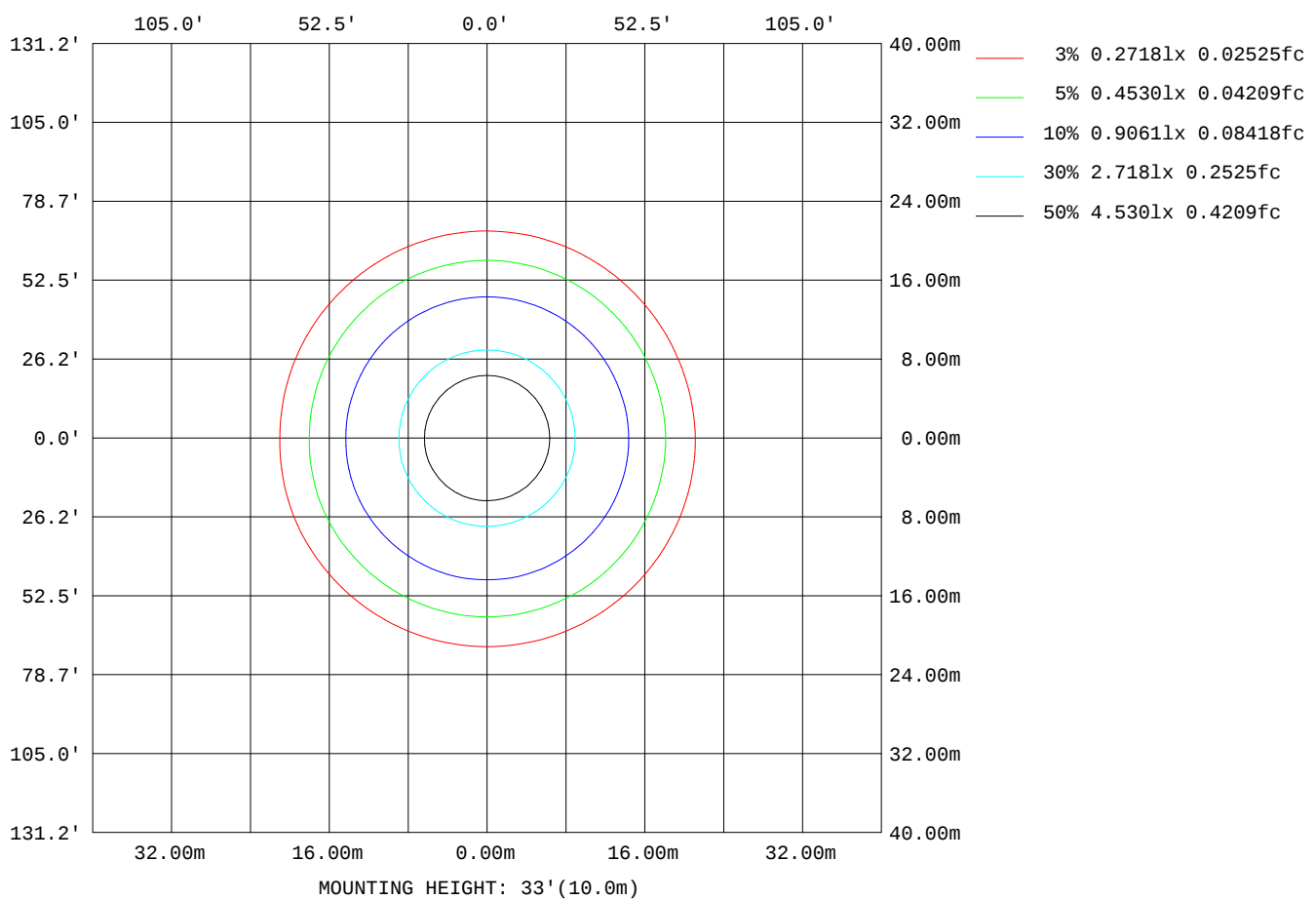
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.7DEG
 Operators:Carl
 Test Date:2022-08-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
 Humidity:41%
 Test Distance:2.532m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:120.0V I:0.2448A P:28.35W PF:0.9648 Lamp Flux:2664.74x1 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: 25.7DEG
Operators: Carl
Test Date: 2022-08-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity: 41%
Test Distance: 2.532m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:120.0V I:0.2448A P:28.35W PF:0.9648 Lamp Flux:2664.74x1 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

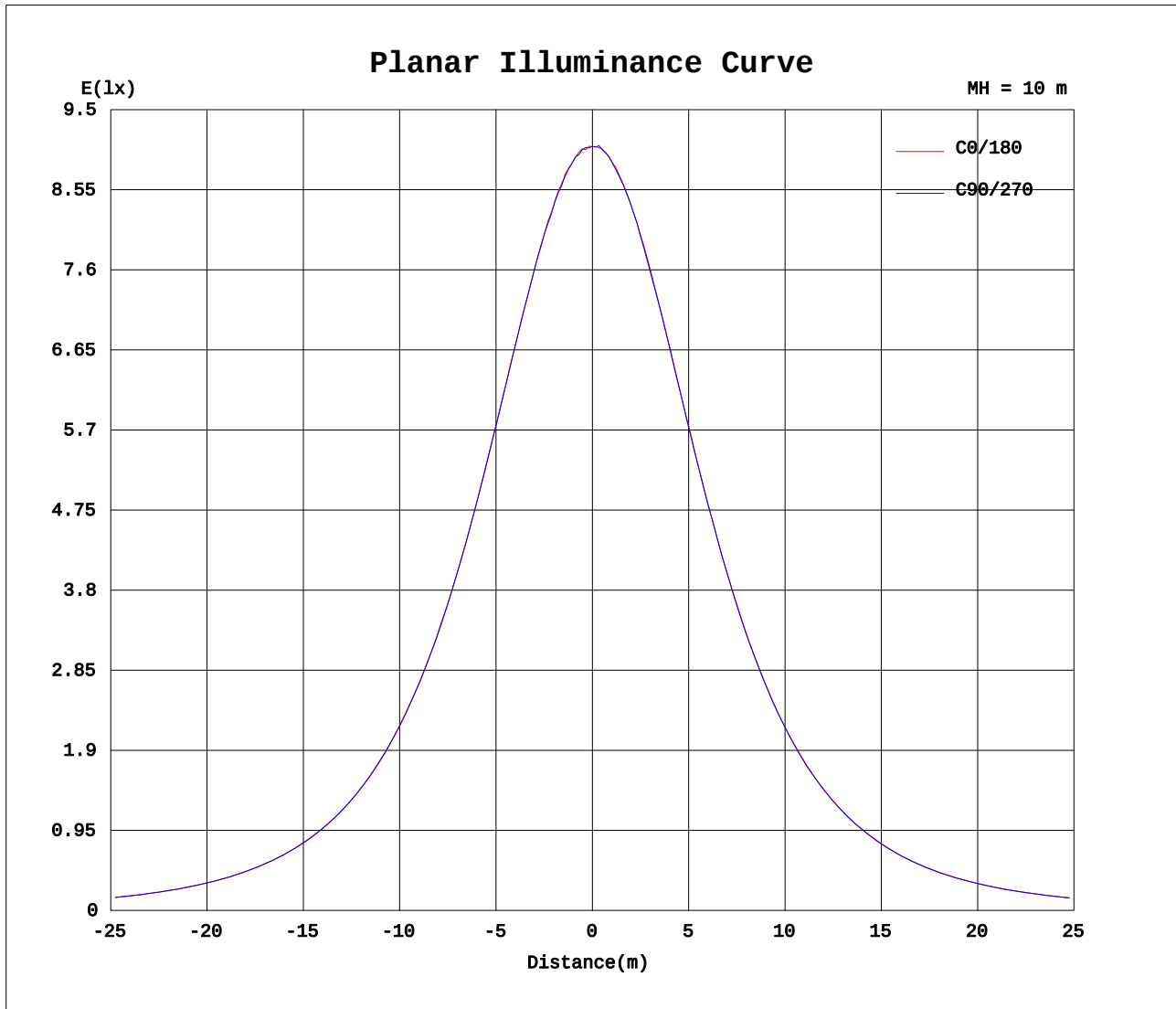
AvgL	cd/m2
L_0~180(65)av	8329
L_0~180(75)av	7483
L_0~180(85)av	5910
L_90~270(65)av	8318
L_90~270(75)av	7468
L_90~270(85)av	5884
L_45(65)av	8331
L_45(75)av	7491
L_45(85)av	5880

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.7DEG
 Operators:Carl
 Test Date:2022-08-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-R5000_V2 SYSTEM V2.0.351
 Humidity:41%
 Test Distance:2.532m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.7DEG
Operators: Carl
Test Date: 2022-08-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-R5000_V2 SYSTEM V2.0.351
Humidity: 41%
Test Distance: 2.532m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.0V I:0.2448A P:28.35W PF:0.9648 Lamp Flux:2664.74x1 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 (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	906	906	906	906	906	906	906	906	906	906	906	906	906	906	906	906			
5	904	901	901	902	904	904	906	904	903	902	902	903	904	902	906	902			
10	894	892	891	893	891	892	897	893	893	891	893	891	891	892	892	890			
15	873	874	871	874	874	875	877	875	875	873	874	872	872	873	874	869			
20	848	848	847	848	848	849	853	850	847	848	846	846	846	845	849	841			
25	814	813	814	815	816	817	819	816	813	814	814	814	813	813	814	811			
30	776	775	775	776	776	777	781	778	774	774	773	773	772	772	774	770			
35	730	729	729	729	730	733	734	732	728	727	725	726	726	723	728	723			
40	677	677	677	678	678	680	682	680	674	674	674	673	673	672	675	670			
45	619	618	619	620	620	622	624	621	615	615	614	614	615	613	615	612			
50	556	556	557	557	557	557	560	558	552	551	550	550	549	549	551	548			
55	488	488	489	489	489	491	492	490	484	482	483	482	482	481	482	480			
60	417	417	417	419	418	417	420	418	411	410	409	409	408	408	409	407			
65	342	343	343	344	343	343	344	343	335	335	335	334	333	332	332	332			
70	265	266	268	268	267	266	267	266	258	258	259	258	256	255	256	255			
75	190	191	192	192	191	191	191	190	183	183	183	182	180	179	180	180			
80	117	119	120	121	120	119	118	118	111	111	110	110	108	107	107	108			
85	52.4	53.8	54.6	55.2	54.7	53.9	53.5	53.0	46.7	46.3	45.6	44.7	43.9	43.2	43.4	44.3			
90	3.73	4.18	5.85	6.02	6.07	5.97	5.66	4.05	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11			
95	0.49	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.13			
100	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.52	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17			
105	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21			
110	0.58	0.58	0.58	0.58	0.58	0.57	0.57	0.57	0.26	0.26	0.27	0.27	0.27	0.27	0.27	0.27			
115	0.60	0.60	0.59	0.59	0.59	0.59	0.59	0.59	0.33	0.33	0.33	0.33	0.33	0.33	0.34	0.34			
120	0.62	0.63	0.62	0.62	0.62	0.62	0.62	0.62	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40			
125	0.68	0.68	0.67	0.67	0.67	0.67	0.67	0.67	0.46	0.46	0.46	0.46	0.46	0.46	0.47	0.47			
130	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.76	0.53	0.52	0.52	0.53	0.52	0.53	0.53	0.52			
135	0.91	0.91	0.90	0.90	0.91	0.90	0.90	0.90	0.59	0.58	0.58	0.59	0.58	0.59	0.59	0.58			
140	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.10	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64			
145	1.37	1.37	1.36	1.36	1.36	1.36	1.37	1.36	0.71	0.70	0.71	0.71	0.71	0.70	0.71	0.70			
150	1.58	1.58	1.58	1.58	1.58	1.58	1.59	1.58	0.76	0.75	0.76	0.76	0.75	0.75	0.76	0.75			
155	1.79	1.79	1.79	1.79	1.79	1.79	1.80	1.79	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85			
160	1.95	1.95	1.94	1.94	1.94	1.95	1.96	1.94	0.94	0.94	0.94	0.94	0.95	0.95	0.94	0.95			
165	1.94	1.93	1.93	1.93	1.93	1.94	1.94	1.93	1.03	1.02	1.02	1.03	1.03	1.03	1.03	1.02			
170	1.83	1.82	1.82	1.82	1.82	1.83	1.83	1.82	1.12	1.12	1.12	1.12	1.12	1.13	1.12	1.11			
175	1.73	1.73	1.73	1.73	1.73	1.73	1.74	1.73	1.31	1.31	1.31	1.31	1.32	1.31	1.32	1.31			
180	1.53	1.53	1.52	1.52	1.53	1.54	1.54	1.54	1.54	1.53	1.53	1.53	1.53	1.53	1.54	1.53			

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