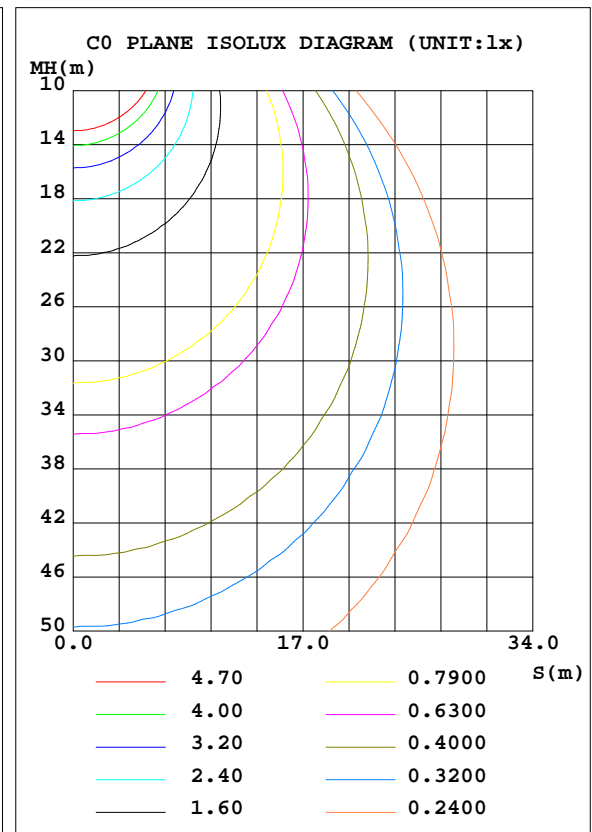
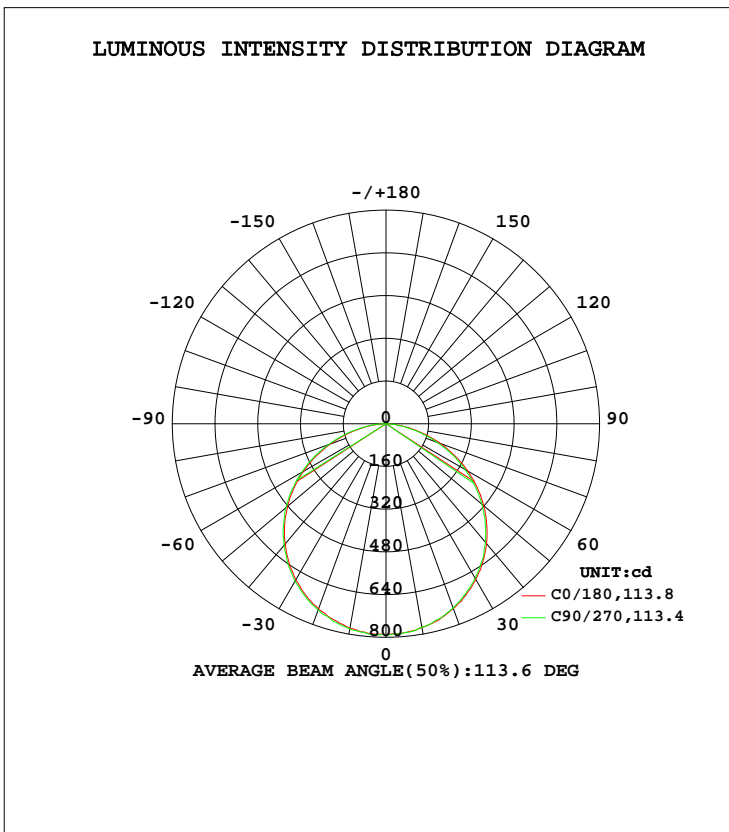


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.0V I:0.1721A P:20.14W PF:0.9752 Lamp Flux:2284.95x1 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: 113.45 lm/W			
MODEL	PSZ2S220818001-10	I _{max} (cd)	793.0	S/MH(C0/180)	1.27
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	2285.0	η UP, DN(C0-180)	0.1,50.9
NOMINAL FLUX(lm)	2284.95	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,49.0
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



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.7DEG
 Operators:Carl
 Test Date:2022-08-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-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	777.3	780.7	779.5	778.4	774.8	774.8	774.6	775.9	0- 10	74.82	74.82	3.27,3.27
20	738.0	742.9	742.5	741.9	736.9	735.4	734.2	736.4	10- 20	214.7	289.5	12.7,12.7
30	675.7	678.1	681.9	680.0	673.4	669.1	668.4	670.8	20- 30	326.8	616.4	27,27
40	586.9	593.6	594.1	594.5	586.2	579.3	579.1	580.6	30- 40	396.0	1012	44.3,44.3
50	481.2	484.9	488.4	488.6	477.4	471.8	470.0	471.8	40- 50	412.7	1425	62.4,62.4
60	356.7	361.2	364.4	365.9	353.0	344.0	342.0	345.1	50- 60	373.9	1799	78.7,78.7
70	220.4	226.5	230.1	229.9	216.4	207.3	203.9	208.5	60- 70	283.7	2083	91.1,91.1
80	89.94	94.66	97.71	97.51	85.01	76.97	74.75	78.71	70- 80	159.0	2242	98.1,98.1
90	3.338	3.160	5.319	3.379	0.0506	0.0515	0.0526	0.0526	80- 90	40.20	2282	99.9,99.9
100	0.2151	0.2085	0.2065	0.2097	0.0973	0.1010	0.1027	0.1030	90-100	0.2750	2282	99.9,99.9
110	0.2742	0.2678	0.2657	0.2691	0.1714	0.1764	0.1802	0.1794	100-110	0.1989	2282	99.9,99.9
120	0.3661	0.3594	0.3590	0.3619	0.2716	0.2765	0.2804	0.2798	110-120	0.2650	2283	99.9,99.9
130	0.5444	0.5401	0.5388	0.5406	0.3792	0.3837	0.3876	0.3872	120-130	0.3456	2283	99.9,99.9
140	0.8672	0.8631	0.8624	0.8633	0.4840	0.4862	0.4913	0.4894	130-140	0.4317	2283	99.9,99.9
150	1.306	1.305	1.304	1.308	0.5968	0.6007	0.6003	0.6008	140-150	0.5119	2284	100,100
160	1.628	1.626	1.628	1.629	0.7699	0.7723	0.7786	0.7745	150-160	0.4997	2284	100,100
170	1.536	1.534	1.536	1.538	0.9262	0.9273	0.9341	0.9305	160-170	0.3480	2285	100,100
180	1.300	1.292	1.294	1.300	1.300	1.294	1.292	1.299	170-180	0.1201	2285	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1220.1 lm

%lum = 53.4%
%lamp = 53.4%

Conical surface Flux(120deg): 1799 lm

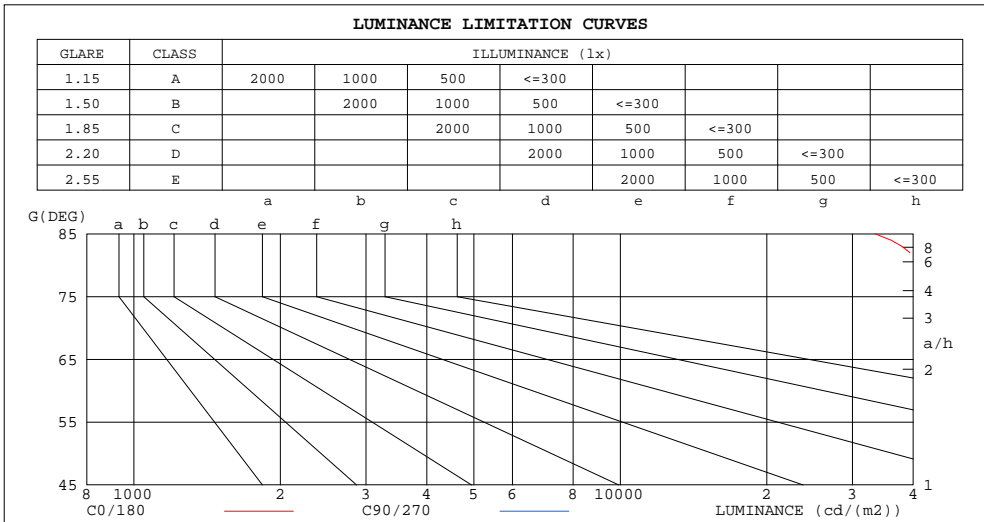
%lum = 78.7%
%lamp = 78.7%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.7DEG
Operators:Carl
Test Date:2022-08-19

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

LUMINANCE LIMITATION CURVES

Test:U:120.0V I:0.1721A P:20.14W PF:0.9752 Lamp Flux:2284.95x1 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	33395	40292
80	42273	45867
75	48134	50936
70	52592	54840
65	56103	57738
60	58231	59408
55	59885	61023
50	61096	61931
45	61997	62645

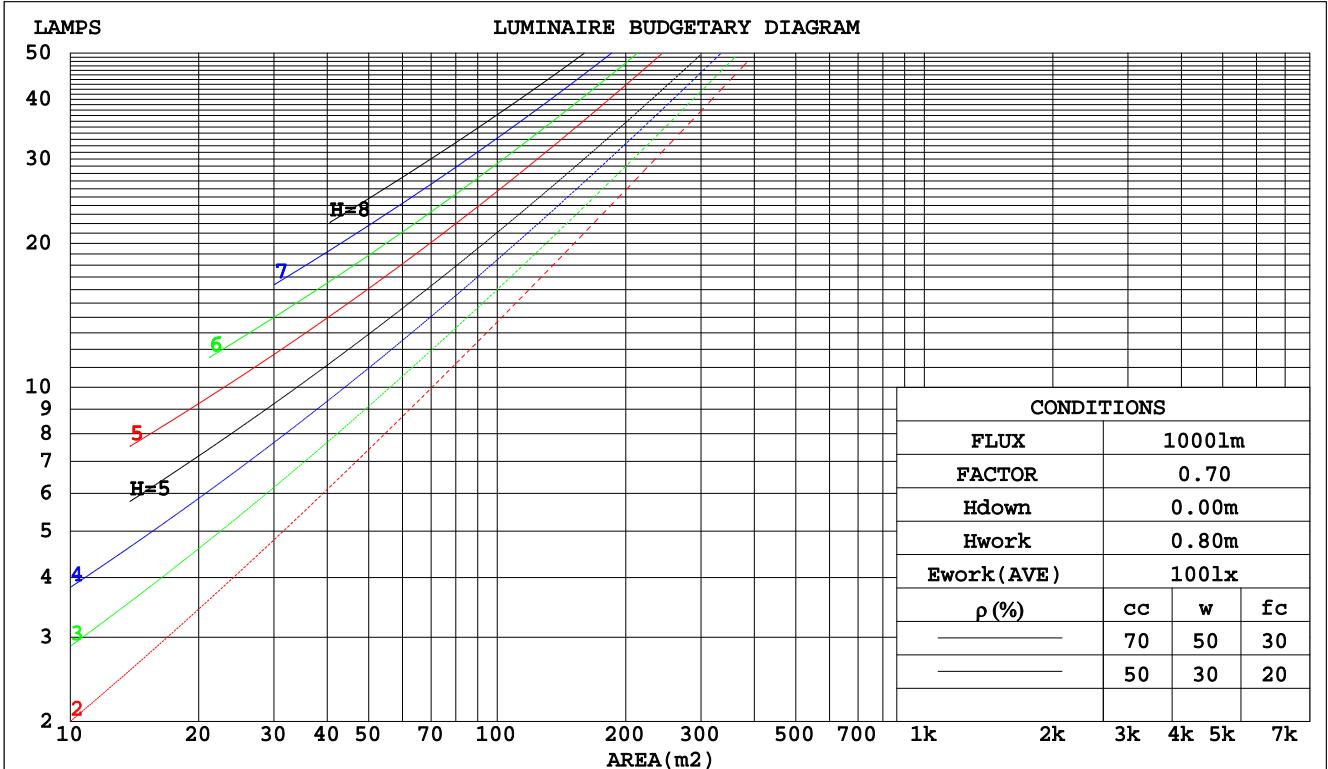
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.7DEG
 Operators:Carl
 Test Date:2022-08-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-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:0.1721A P:20.14W PF:0.9752 Lamp Flux:2284.95x1 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

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	1.19	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	.00	.96	1.02	.98	.94	.97	.94	.91	.93	.91	.88	.90	.88	.86	.84
2.0	.90	.84	.78	.89	.82	.77	.85	.80	.75	.82	.77	.73	.79	.75	.72	.69
3.0	.79	.71	.65	.78	.70	.64	.75	.68	.63	.72	.66	.62	.69	.65	.61	.58
4.0	.70	.61	.55	.69	.61	.54	.66	.59	.53	.64	.58	.53	.62	.56	.52	.50
5.0	.63	.54	.47	.61	.53	.47	.59	.52	.46	.57	.51	.46	.55	.50	.45	.43
6.0	.56	.47	.41	.55	.47	.41	.54	.46	.40	.52	.45	.40	.50	.44	.40	.37
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.40	.35	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.32	.42	.36	.31	.29
9.0	.43	.34	.29	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.7DEG
Operators:Carl
Test Date:2022-08-19

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

WEC AND CCEC

Test:U:120.0V I:0.1721A P:20.14W PF:0.9752 Lamp Flux:2284.95x1 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

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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.309	.176	.056	.302	.172	.055	.288	.166	.053	.276	.159	.051	.265	.154	.050	
2.0	.292	.160	.049	.285	.157	.048	.274	.152	.047	.263	.147	.046	.253	.143	.045	
3.0	.270	.144	.043	.265	.142	.043	.254	.138	.042	.245	.134	.041	.236	.130	.040	
4.0	.249	.130	.038	.245	.128	.038	.235	.125	.037	.227	.122	.037	.219	.119	.036	
5.0	.231	.118	.034	.226	.116	.034	.218	.114	.033	.210	.111	.033	.203	.109	.033	
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.190	.100	.030	
7.0	.199	.098	.028	.196	.097	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027	
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.172	.087	.025	.166	.085	.025	
9.0	.174	.084	.024	.172	.084	.023	.166	.082	.023	.161	.081	.023	.157	.080	.023	
10.0	.164	.079	.022	.161	.078	.022	.157	.077	.022	.152	.076	.021	.148	.074	.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	.181	.157	.135	.155	.135	.117	.106	.093	.081	.061	.054	.047	.020	.017	.015	
2.0	.173	.133	.099	.148	.114	.086	.102	.079	.060	.059	.046	.035	.019	.015	.011	
3.0	.166	.115	.075	.142	.099	.065	.097	.069	.046	.056	.040	.027	.018	.013	.009	
4.0	.158	.102	.059	.136	.088	.052	.093	.061	.036	.054	.036	.021	.017	.012	.007	
5.0	.151	.092	.048	.129	.079	.042	.089	.055	.030	.052	.033	.018	.017	.011	.006	
6.0	.143	.083	.040	.123	.072	.035	.085	.050	.025	.049	.030	.015	.016	.010	.005	
7.0	.137	.076	.034	.117	.066	.030	.081	.046	.021	.047	.027	.013	.015	.009	.004	
8.0	.130	.071	.030	.112	.061	.026	.077	.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	.118	.061	.023	.102	.053	.020	.071	.037	.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:2022-08-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-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:0.1721A P:20.14W PF:0.9752 Lamp Flux:2284.95x1 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	27.2	28.7	27.4	28.9	29.1	27.2	28.8	27.5	29.0	29.2
3H	28.7	30.1	29.0	30.3	30.6	28.8	30.2	29.1	30.5	30.7
4H	29.3	30.6	29.6	30.9	31.1	29.4	30.8	29.7	31.0	31.3
6H	29.7	30.9	30.0	31.2	31.5	29.9	31.1	30.2	31.4	31.7
8H	29.8	31.0	30.1	31.3	31.6	30.0	31.2	30.4	31.5	31.8
12H	29.9	31.0	30.2	31.3	31.6	30.1	31.3	30.5	31.6	31.9
4H 2H	27.8	29.1	28.1	29.4	29.7	27.9	29.2	28.2	29.5	29.7
3H	29.5	30.7	29.8	31.0	31.3	29.6	30.8	30.0	31.1	31.4
4H	30.2	31.3	30.6	31.6	31.9	30.3	31.4	30.7	31.7	32.1
6H	30.7	31.7	31.1	32.0	32.4	30.9	31.9	31.3	32.2	32.6
8H	30.9	31.8	31.3	32.2	32.5	31.1	32.0	31.5	32.4	32.8
12H	31.0	31.8	31.4	32.2	32.6	31.2	32.1	31.7	32.4	32.9
8H 4H	30.5	31.4	30.9	31.7	32.1	30.6	31.5	31.0	31.9	32.2
6H	31.2	31.9	31.6	32.3	32.7	31.3	32.1	31.8	32.5	32.9
8H	31.4	32.1	31.9	32.5	32.9	31.6	32.3	32.1	32.7	33.1
12H	31.6	32.1	32.1	32.6	33.1	31.8	32.4	32.3	32.8	33.3
12H 4H	30.5	31.3	30.9	31.7	32.1	30.6	31.4	31.0	31.8	32.2
6H	31.2	31.9	31.7	32.3	32.8	31.4	32.0	31.8	32.5	32.9
8H	31.5	32.1	32.0	32.5	33.0	31.7	32.3	32.2	32.7	33.2
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	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 2285 lm Total Lamp Luminous Flux.(8log(F/F0) = 2.9)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.7DEG
 Operators:Carl
 Test Date:2022-08-19

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

UTILIZATION FACTORS TABLE

Test:U:120.0V I:0.1721A P:20.14W PF:0.9752 Lamp Flux:2284.95x1 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

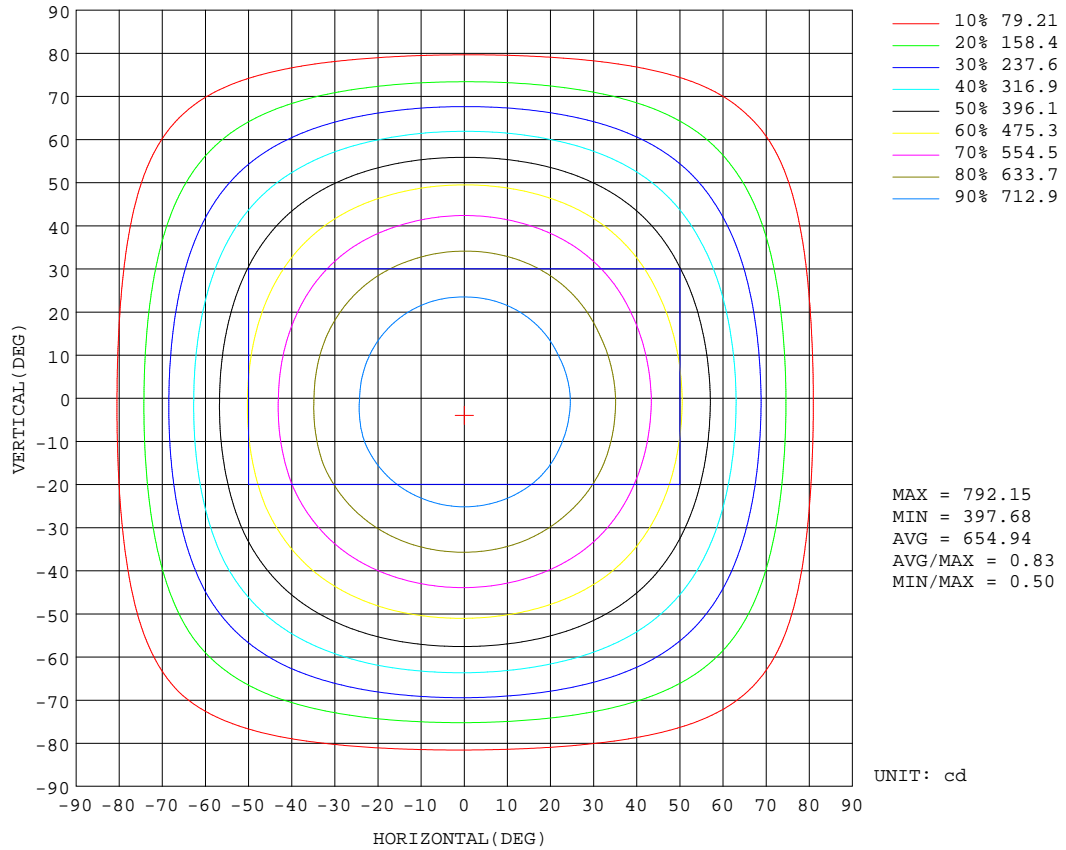
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	46	39	57	45	39	55	45	38	32
0.80	67	56	48	66	55	48	65	54	48	41
1.00	76	65	57	75	64	57	72	66	57	49
1.25	83	72	65	82	72	65	79	70	64	57
1.50	88	78	71	86	77	71	83	75	69	62
2.00	95	86	80	93	85	79	90	83	78	70
2.50	99	91	85	97	90	84	93	87	82	74
3.00	102	95	90	100	94	89	96	91	87	78
4.00	106	101	96	104	99	94	100	95	92	83
5.00	109	104	100	106	102	98	102	98	95	86
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:2022-08-19

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

ISOCANDELA DIAGRAM

Test:U:120.0V I:0.1721A P:20.14W PF:0.9752 Lamp Flux:2284.95x1 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

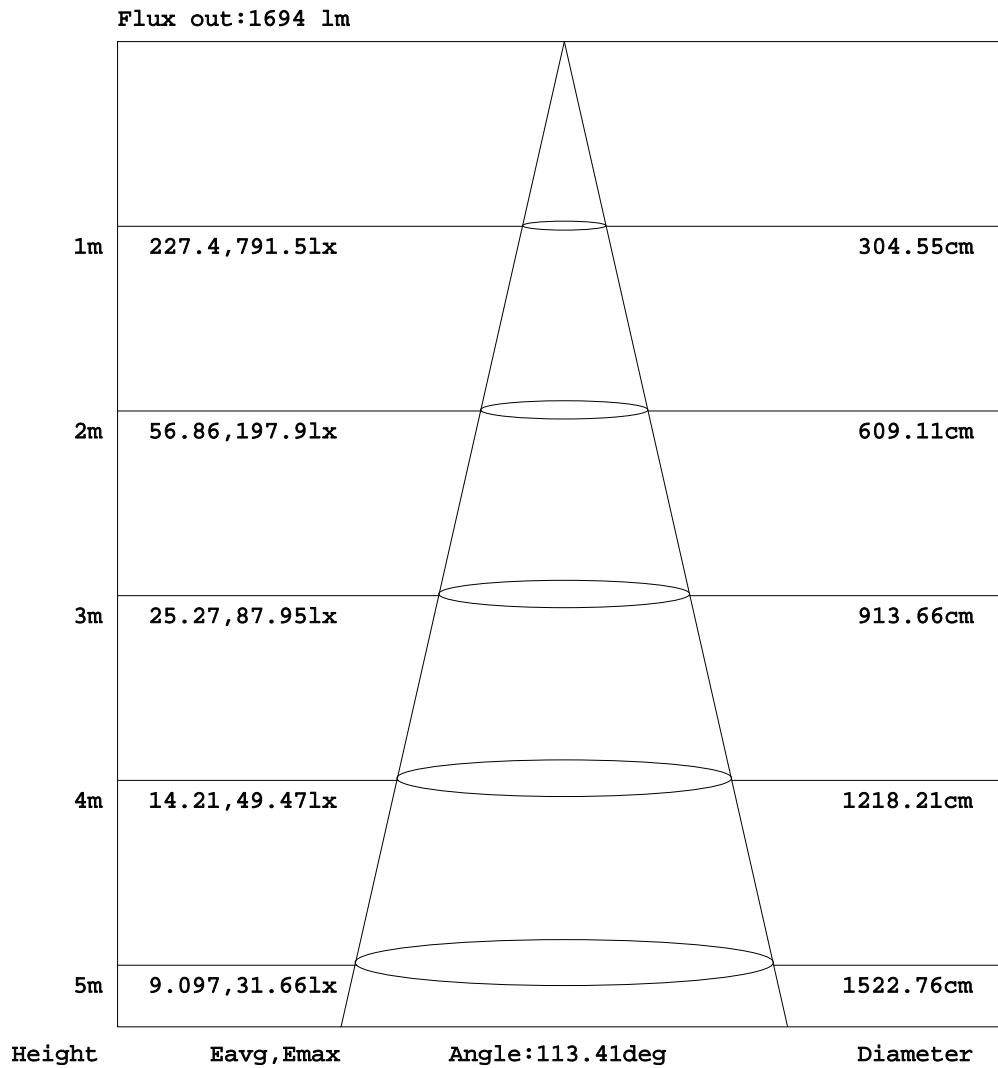


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.7DEG
 Operators:Carl
 Test Date:2022-08-19

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

AAI Figure

Test:U:120.0V I:0.1721A P:20.14W PF:0.9752 Lamp Flux:2284.95x1 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



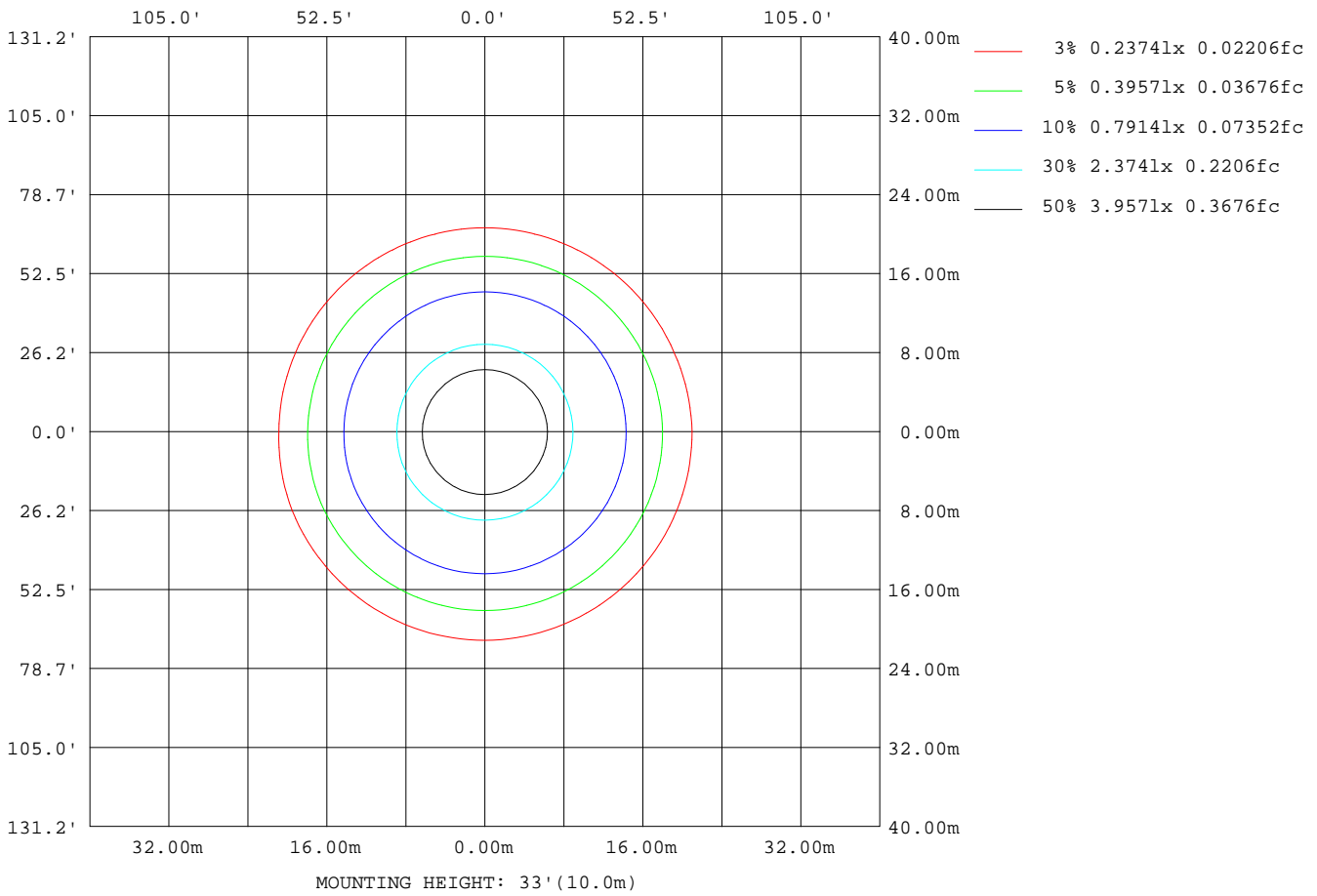
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.7DEG
 Operators:Carl
 Test Date:2022-08-19

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

ISOLUX DIAGRAM

Test:U:120.0V I:0.1721A P:20.14W PF:0.9752 Lamp Flux:2284.95x1 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:2022-08-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-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:0.1721A P:20.14W PF:0.9752 Lamp Flux:2284.95x1 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

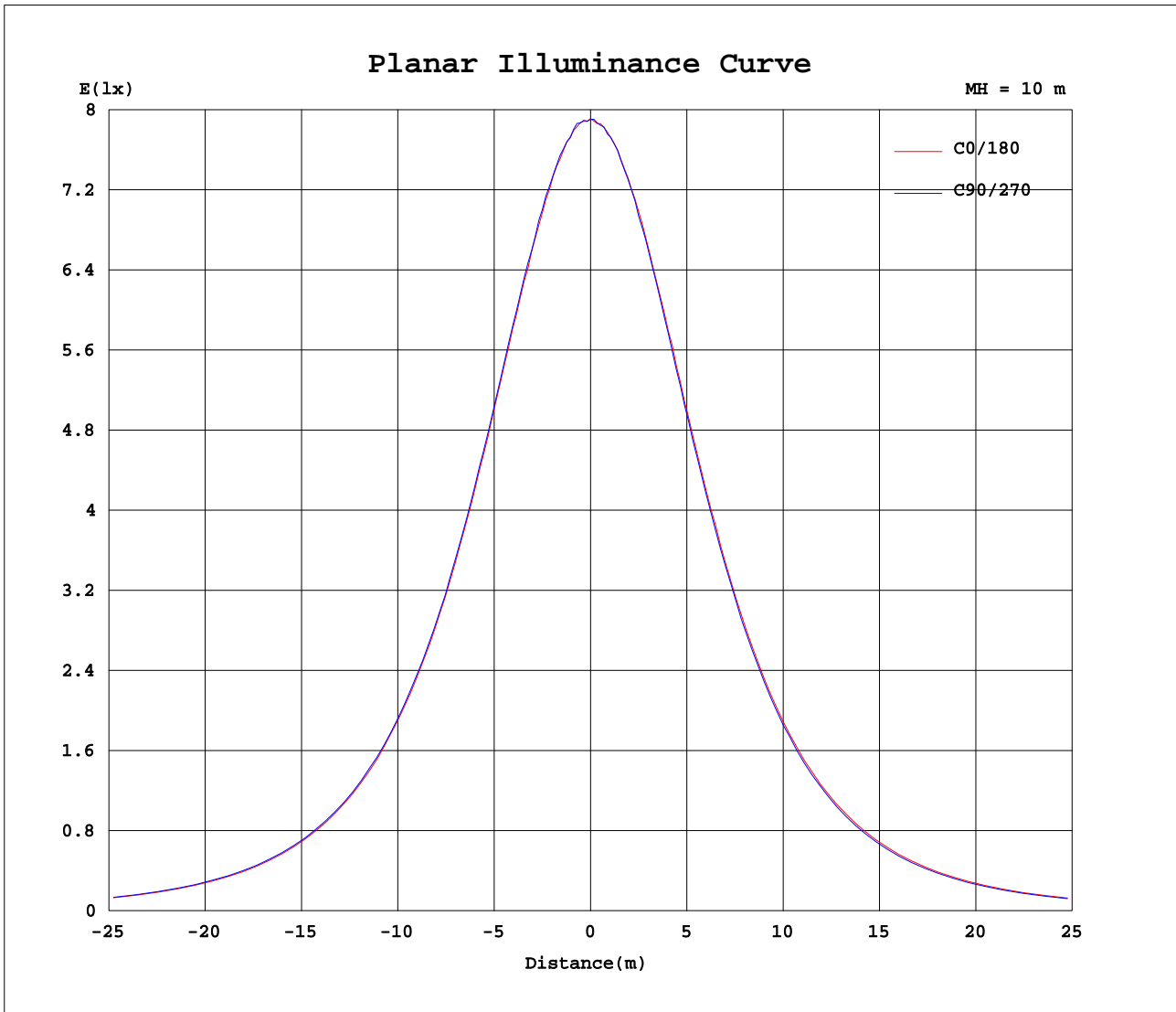
AvgL	cd/m2
L_0~180(65)av	55525
L_0~180(75)av	47406
L_0~180(85)av	31695
L_90~270(65)av	55253
L_90~270(75)av	46969
L_90~270(85)av	31442
L_45(65)av	55323
L_45(75)av	47262
L_45(85)av	31757

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.7DEG
 Operators:Carl
 Test Date:2022-08-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-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: 2022-08-19

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-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:0.1721A P:20.14W PF:0.9752 Lamp Flux:2284.95x1 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	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790	790			
5	787	786	788	789	790	789	788	790	786	788	786	788	785	786	787	787			
10	777	779	781	778	780	779	778	778	775	776	775	777	775	776	776	776			
15	759	763	762	765	766	766	762	764	761	759	758	758	758	759	757	758			
20	738	738	743	742	743	743	742	740	737	736	735	735	734	736	736	736			
25	709	710	714	716	714	714	714	714	708	706	706	705	704	705	705	705			
30	676	676	678	679	682	680	680	680	673	671	669	669	668	668	671	670			
35	634	636	636	639	640	641	639	640	632	630	627	627	627	627	626	627			
40	587	590	594	593	594	594	595	595	586	583	579	582	579	580	581	582			
45	537	538	540	542	543	545	544	542	534	531	527	526	525	527	528	529			
50	481	483	485	487	488	489	489	487	477	474	472	471	470	471	472	473			
55	421	422	424	427	429	430	430	426	418	414	410	409	407	409	410	413			
60	357	358	361	364	364	367	366	364	353	349	344	343	342	344	345	349			
65	290	292	295	297	299	299	299	296	285	281	276	275	273	275	277	281			
70	220	223	227	229	230	231	230	227	216	211	207	205	204	206	209	212			
75	153	156	158	161	162	163	162	159	148	143	139	137	136	138	141	144			
80	89.9	92.3	94.7	96.6	97.7	98.6	97.5	94.8	85.0	80.6	77.0	75.1	74.7	76.3	78.7	81.6			
85	35.7	38.0	40.5	42.1	43.1	43.3	42.3	40.1	32.1	28.8	26.1	24.5	24.1	25.1	26.8	29.2			
90	3.34	4.05	3.16	3.75	5.32	5.14	3.38	2.53	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05			
95	0.18	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.07			
100	0.22	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10			
105	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.14			
110	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.18			
115	0.31	0.31	0.31	0.30	0.30	0.31	0.31	0.31	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.23			
120	0.37	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.27	0.27	0.28	0.28	0.28	0.28	0.28	0.28			
125	0.44	0.44	0.43	0.43	0.43	0.44	0.44	0.44	0.33	0.33	0.33	0.33	0.33	0.34	0.33	0.33			
130	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.38	0.38	0.38	0.39	0.39	0.39	0.39	0.39			
135	0.68	0.68	0.67	0.67	0.67	0.68	0.68	0.68	0.43	0.43	0.44	0.44	0.44	0.44	0.44	0.44			
140	0.87	0.86	0.86	0.86	0.86	0.86	0.86	0.87	0.48	0.48	0.49	0.49	0.49	0.49	0.49	0.49			
145	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	0.55	0.54	0.55	0.55	0.55	0.55	0.55	0.55			
150	1.31	1.30	1.30	1.31	1.30	1.31	1.31	1.31	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60			
155	1.50	1.50	1.49	1.50	1.49	1.50	1.50	1.50	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69			
160	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	0.77	0.77	0.77	0.78	0.78	0.77	0.77	0.77			
165	1.62	1.62	1.62	1.62	1.62	1.63	1.62	1.62	0.84	0.84	0.84	0.85	0.85	0.85	0.85	0.85			
170	1.54	1.53	1.53	1.54	1.54	1.54	1.54	1.54	0.93	0.92	0.93	0.93	0.93	0.93	0.93	0.93			
175	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.46	1.10	1.10	1.10	1.10	1.11	1.11	1.10	1.10			
180	1.30	1.29	1.29	1.29	1.29	1.30	1.30	1.29	1.30	1.30	1.29	1.29	1.29	1.30	1.30	1.30			

C Range: 0 - 360DEG
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