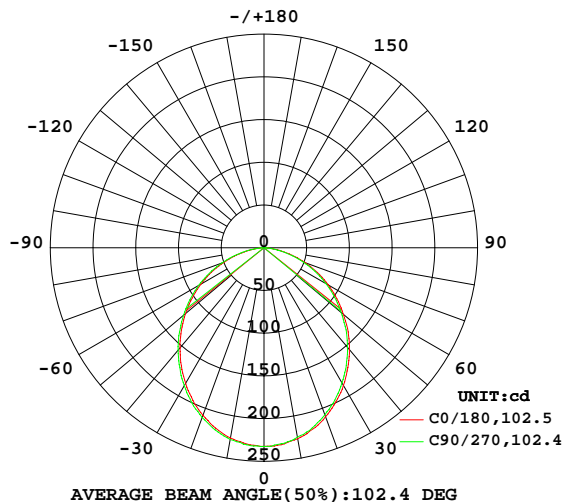


LUMINAIRE PHOTOMETRIC TEST REPORT

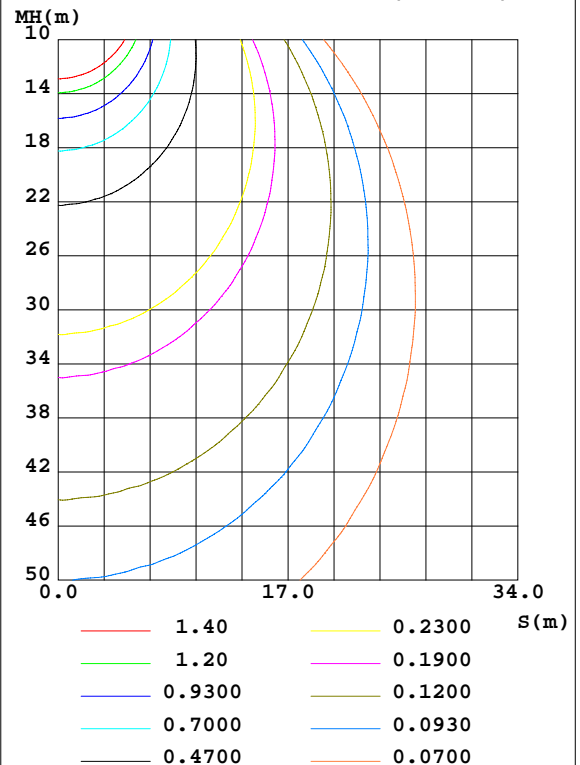
Test:U:240.1V I:0.0244A P:5.286W PF:0.9016 Lamp Flux:591.544x1 lm		
NAME: LED Downlight	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Ulledlighting	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 111.91 lm/W			
MODEL	R2DG200526801-10	Imax(cd)	233.1	S/MH(C0/180)	1.20
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.18
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	591.54	η UP,DN(C0-180)	0.1,50.5
NOMINAL FLUX(lm)	591.544	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.4
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	240	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:24.9DEG
 Operators:Ben
 Test Date:2020-05-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.485m [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	226.3	226.7	227.9	227.4	227.0	225.9	225.2	225.1	0- 10	21.91	21.91	3.7,3.7
20	208.7	210.0	211.5	212.0	210.6	209.7	208.2	207.5	10- 20	61.84	83.75	14.2,14.2
30	183.5	185.2	186.6	186.9	186.0	184.4	182.5	182.1	20- 30	91.26	175.0	29.6,29.6
40	152.9	154.8	156.3	156.8	155.4	153.9	152.0	151.6	30- 40	106.3	281.3	47.6,47.6
50	119.8	121.5	123.0	123.5	121.4	119.9	118.1	117.4	40- 50	106.3	387.6	65.5,65.5
60	85.24	86.99	88.31	88.52	86.71	85.10	83.52	83.18	50- 60	92.45	480.1	81.2,81.2
70	50.01	51.62	52.53	52.82	51.44	49.87	48.83	48.67	60- 70	67.68	547.8	92.6,92.6
80	17.71	18.59	19.30	19.24	18.20	17.17	16.52	16.61	70- 80	35.70	583.4	98.6,98.6
90	0.0373	0.0434	0.0475	0.0629	0.0073	0.0047	0.0053	0.0055	80- 90	7.406	590.9	99.9,99.9
100	0.0478	0.0456	0.0449	0.0457	0.0150	0.0162	0.0171	0.0169	90-100	0.0262	590.9	99.9,99.9
110	0.0632	0.0610	0.0597	0.0609	0.0321	0.0341	0.0348	0.0312	100-110	0.0415	590.9	99.9,99.9
120	0.0858	0.0832	0.0817	0.0823	0.0570	0.0588	0.0596	0.0604	110-120	0.0578	591.0	99.9,99.9
130	0.1380	0.1328	0.1321	0.1319	0.0846	0.0864	0.0875	0.0883	120-130	0.0796	591.1	99.9,99.9
140	0.2262	0.2234	0.2224	0.2217	0.1132	0.1154	0.1164	0.1177	130-140	0.1062	591.2	99.9,99.9
150	0.3473	0.3450	0.3451	0.3440	0.1448	0.1471	0.1475	0.1485	140-150	0.1306	591.3	100,100
160	0.4310	0.4290	0.4290	0.4282	0.1918	0.1930	0.1919	0.1944	150-160	0.1298	591.4	100,100
170	0.3974	0.3955	0.3969	0.3962	0.2287	0.2289	0.2278	0.2299	160-170	0.0895	591.5	100,100
180	0.3227	0.3235	0.3223	0.3256	0.3234	0.3231	0.3248	0.3249	170-180	0.0301	591.5	100,100
DEG	LUMINOUS INTENSITY:cd Less than 25% Percent = 9.1 %									UNIT:lm		

Conical surface Flux(90deg): 335.43 lm

%lum = 56.7%

%lamp = 56.7%

Conical surface Flux(120deg): 480.07 lm

%lum = 81.2%

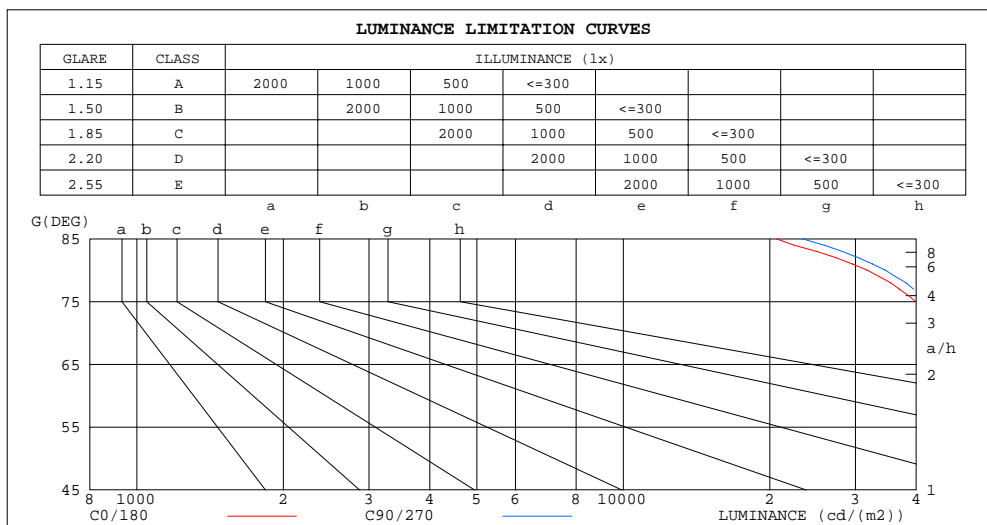
%lamp = 81.2%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators:Ben
 Test Date:2020-05-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.485m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:240.1V I:0.0244A P:5.286W PF:0.9016 Lamp Flux:591.544x1 lm		
NAME: LED Downlight	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Ulledlighting	SUR.:N/A	Shielding Angle:N/A



LUMINANCE $\text{cd}/(\text{m}^2)$		
G (DEG)	$C0/180$	$C90/270$
85	20631	23356
80	31759	34567
75	39930	42361
70	45531	47775
65	49949	51958
60	53085	54933
55	55638	57275
50	58041	59529
45	60226	61598

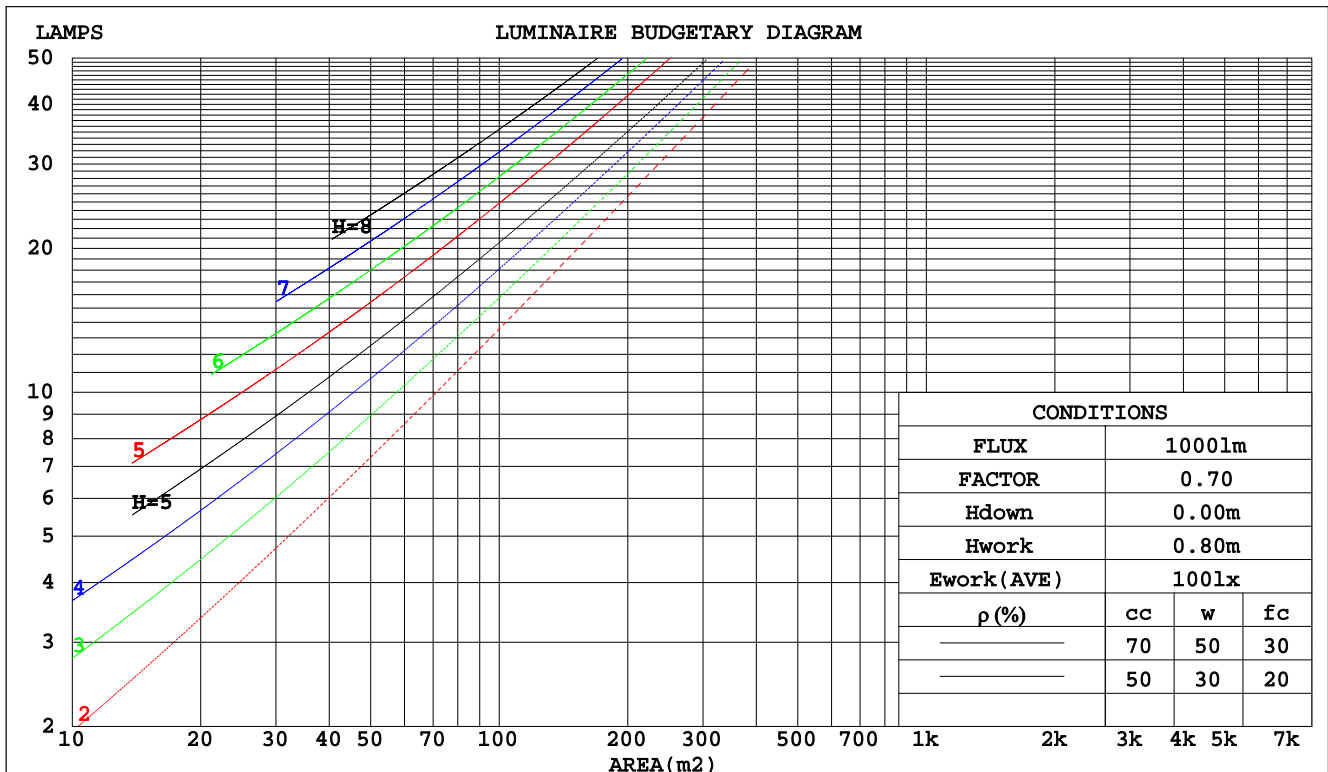
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.9DEG
Operators: Ben
Test Date: 2020-05-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity: 45%
Test Distance: 2.485m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.1V I:0.0244A P:5.286W PF:0.9016 Lamp Flux:591.544x1 lm		
NAME: LED Downlight	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Ulledlighting	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	1.05	1.01	.97	1.02	.99	.95	.98	.95	.92	.94	.92	.89	.91	.89	.87	.85
2.0	.92	.85	.79	.90	.84	.79	.86	.81	.77	.83	.79	.75	.80	.76	.73	.71
3.0	.81	.73	.66	.79	.72	.66	.76	.70	.65	.73	.68	.64	.71	.66	.62	.60
4.0	.72	.63	.57	.70	.62	.56	.68	.61	.55	.66	.60	.55	.63	.58	.54	.52
5.0	.64	.55	.49	.63	.55	.49	.61	.54	.48	.59	.53	.48	.57	.52	.47	.45
6.0	.58	.49	.43	.57	.49	.43	.55	.48	.42	.54	.47	.42	.52	.46	.42	.40
7.0	.53	.44	.38	.52	.44	.38	.50	.43	.38	.49	.42	.37	.48	.42	.37	.35
8.0	.48	.40	.34	.47	.39	.34	.46	.39	.34	.45	.38	.33	.44	.38	.33	.31
9.0	.44	.36	.31	.44	.36	.31	.43	.35	.30	.41	.35	.30	.40	.34	.30	.28
10.0	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.28	.38	.32	.27	.26



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.9DEG
 Operators: Ben
 Test Date: 2020-05-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 45%
 Test Distance: 2.485m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:240.1V I:0.0244A P:5.286W PF:0.9016 Lamp Flux:591.544x1 lm								
NAME: LED Downlight			TYPE:N/A			WEIGHT:N/A		
SPEC.:N/A			DIM.: N/A			SERIAL No.:N/A		
MFR.: Ulledlighting			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	.294	.167	.053	.287	.164	.052	.274	.157	.050	.262	.151	.048	.250	.145	.047	
2.0	.280	.153	.047	.274	.151	.046	.262	.146	.045	.251	.141	.044	.241	.137	.043	
3.0	.261	.139	.042	.255	.137	.041	.245	.133	.040	.235	.129	.040	.227	.125	.039	
4.0	.242	.126	.037	.237	.124	.037	.228	.121	.036	.219	.118	.036	.211	.115	.035	
5.0	.224	.114	.033	.220	.113	.033	.212	.110	.032	.204	.108	.032	.197	.105	.032	
6.0	.209	.105	.030	.205	.103	.030	.198	.101	.029	.191	.099	.029	.185	.097	.029	
7.0	.195	.096	.027	.191	.095	.027	.185	.093	.027	.179	.092	.027	.173	.090	.026	
8.0	.182	.089	.025	.179	.088	.025	.173	.087	.025	.168	.085	.025	.163	.084	.024	
9.0	.171	.083	.023	.168	.082	.023	.163	.081	.023	.158	.079	.023	.153	.078	.023	
10.0	.161	.077	.021	.158	.077	.021	.154	.075	.021	.149	.074	.021	.145	.073	.021	

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	.191	.191	.191	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.180	.157	.136	.154	.135	.117	.105	.093	.081	.061	.054	.047	.019	.017	.015	
2.0	.172	.133	.100	.147	.114	.087	.101	.079	.060	.058	.046	.035	.019	.015	.012	
3.0	.164	.115	.077	.140	.099	.066	.096	.069	.047	.056	.040	.027	.018	.013	.009	
4.0	.156	.102	.060	.134	.088	.052	.092	.061	.037	.053	.036	.022	.017	.012	.007	
5.0	.149	.091	.049	.128	.079	.043	.088	.055	.030	.051	.032	.018	.016	.011	.006	
6.0	.141	.083	.041	.122	.072	.036	.084	.050	.025	.049	.030	.015	.016	.010	.005	
7.0	.135	.076	.035	.116	.066	.030	.080	.046	.021	.047	.027	.013	.015	.009	.004	
8.0	.128	.070	.030	.111	.061	.026	.076	.043	.019	.044	.025	.011	.014	.008	.004	
9.0	.122	.065	.026	.105	.057	.023	.073	.040	.016	.043	.023	.010	.014	.008	.003	
10.0	.117	.061	.024	.101	.053	.021	.070	.037	.015	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.9DEG
Operators:Ben
Test Date:2020-05-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:45%
Test Distance:2.485m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:240.1V I:0.0244A P:5.286W PF:0.9016 Lamp Flux:591.544x1 lm											
NAME: LED Downlight					TYPE:N/A			WEIGHT:N/A			
SPEC.:N/A					DIM.: N/A			SERIAL No.:N/A			
MFR.: Ulledlighting					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		26.8	28.2	27.0	28.4	28.6	26.9	28.4	27.1	28.6	28.8
	3H	28.1	29.5	28.4	29.7	29.9	28.3	29.6	28.6	29.9	30.1
	4H	28.6	29.9	28.9	30.1	30.4	28.8	30.1	29.1	30.3	30.6
	6H	28.9	30.1	29.2	30.4	30.7	29.1	30.3	29.4	30.6	30.9
	8H	28.9	30.1	29.3	30.4	30.7	29.2	30.3	29.5	30.6	30.9
	12H	28.9	30.1	29.3	30.4	30.7	29.2	30.3	29.5	30.6	30.9
4H	2H	27.3	28.6	27.6	28.9	29.1	27.4	28.7	27.7	29.0	29.2
	3H	28.9	30.0	29.2	30.3	30.6	29.0	30.1	29.3	30.4	30.7
	4H	29.5	30.5	29.8	30.8	31.2	29.6	30.7	30.0	31.0	31.3
	6H	29.9	30.8	30.3	31.1	31.5	30.0	31.0	30.4	31.3	31.7
	8H	29.9	30.8	30.4	31.2	31.6	30.2	31.0	30.6	31.4	31.8
	12H	30.0	30.8	30.4	31.2	31.6	30.2	31.0	30.6	31.4	31.8
8H	4H	29.7	30.5	30.1	30.9	31.3	29.8	30.7	30.2	31.1	31.4
	6H	30.2	30.9	30.6	31.3	31.7	30.4	31.1	30.8	31.5	31.9
	8H	30.3	31.0	30.8	31.4	31.8	30.5	31.2	31.0	31.6	32.0
	12H	30.4	31.0	30.9	31.4	31.9	30.6	31.2	31.1	31.6	32.1
12H	4H	29.7	30.5	30.1	30.9	31.3	29.8	30.6	30.3	31.0	31.4
	6H	30.2	30.8	30.7	31.3	31.7	30.4	31.0	30.9	31.4	31.9
	8H	30.4	30.9	30.9	31.4	31.9	30.6	31.1	31.1	31.6	32.1
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 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 591.5 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.8)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:24.9DEG
Operators:Ben
Test Date:2020-05-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:45%
Test Distance:2.485m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:240.1V I:0.0244A P:5.286W PF:0.9016 Lamp Flux:591.544x1 lm		
NAME: LED Downlight	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Ulledlighting	SUR.:N/A	Shielding Angle:N/A

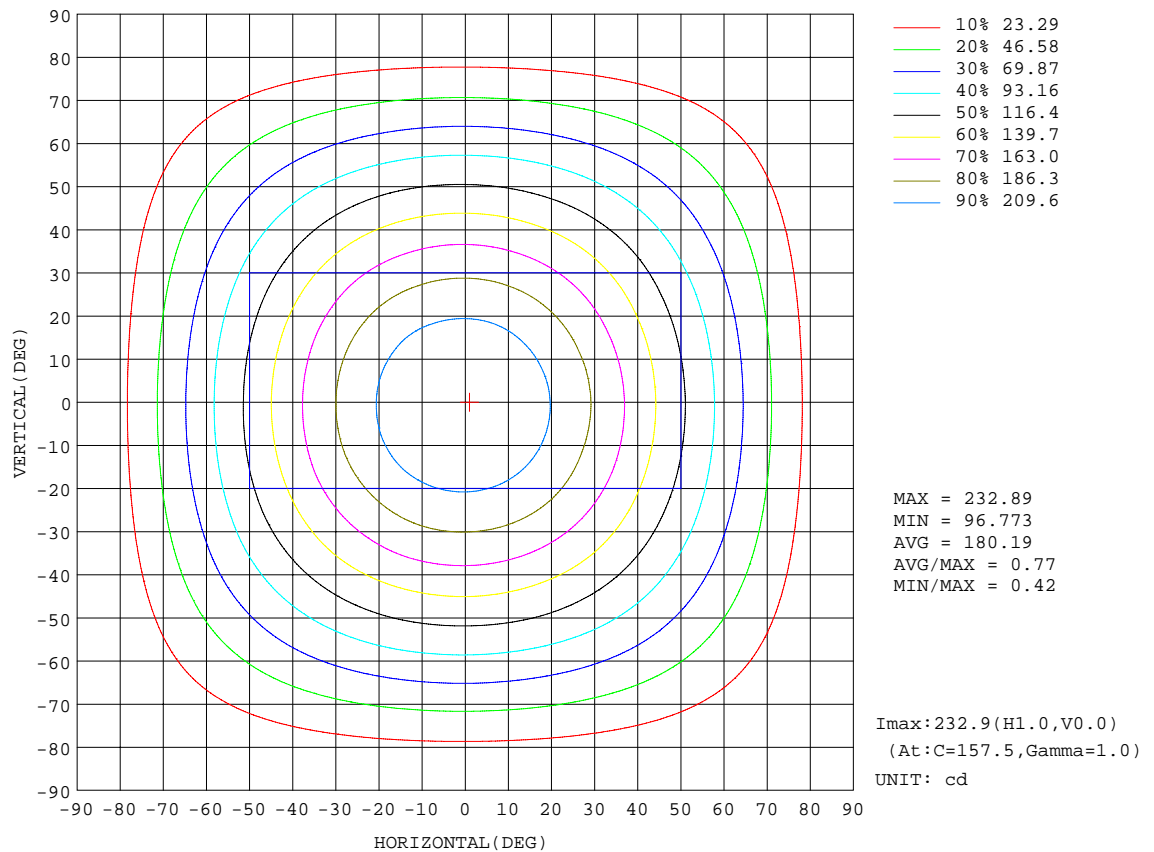
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	59	48	41	58	48	41	57	47	41	35
0.80	69	58	51	68	58	51	66	57	50	44
1.00	78	67	60	76	66	60	74	68	59	52
1.25	85	74	68	83	74	67	80	72	66	59
1.50	89	80	73	88	79	73	85	77	72	64
2.00	96	88	82	94	87	81	91	85	79	72
2.50	100	92	87	98	91	86	94	88	84	76
3.00	103	97	91	101	95	90	97	92	88	80
4.00	107	102	97	105	100	96	100	96	93	84
5.00	109	105	101	107	103	99	102	99	96	87
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004										
Suspended										
SHRNM = 1.25										

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators:Ben
 Test Date:2020-05-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.485m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:240.1V I:0.0244A P:5.286W PF:0.9016 Lamp Flux:591.544x1 lm		
NAME: LED Downlight	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Ulledlighting	SUR.:N/A	Shielding Angle:N/A

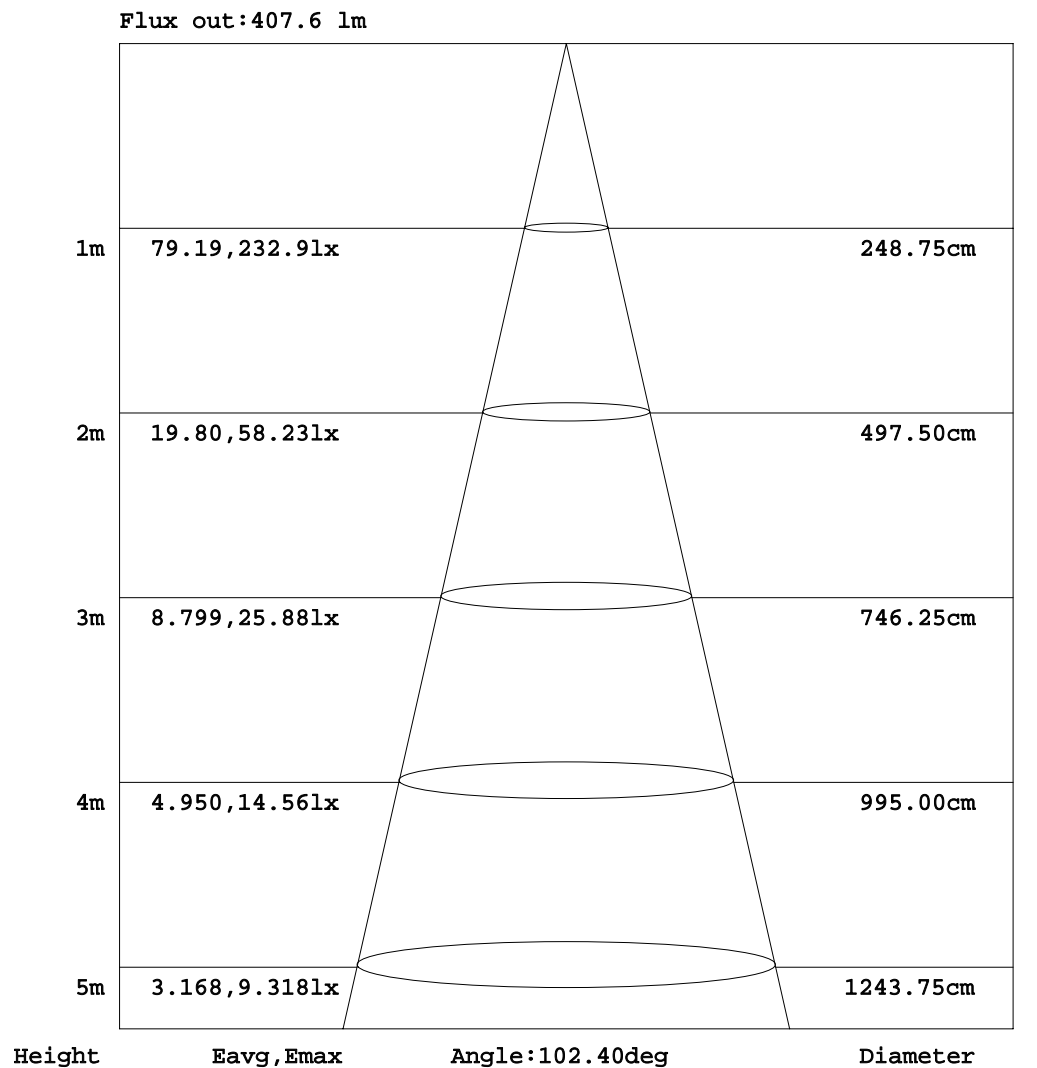


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.9DEG
 Operators: Ben
 Test Date: 2020-05-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 45%
 Test Distance: 2.485m [K=1.0000]
 Remarks:

AAI Figure

Test:U:240.1V I:0.0244A P:5.286W PF:0.9016 Lamp Flux:591.544x1 lm		
NAME: LED Downlight	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Ulledlighting	SUR.:N/A	Shielding Angle:N/A



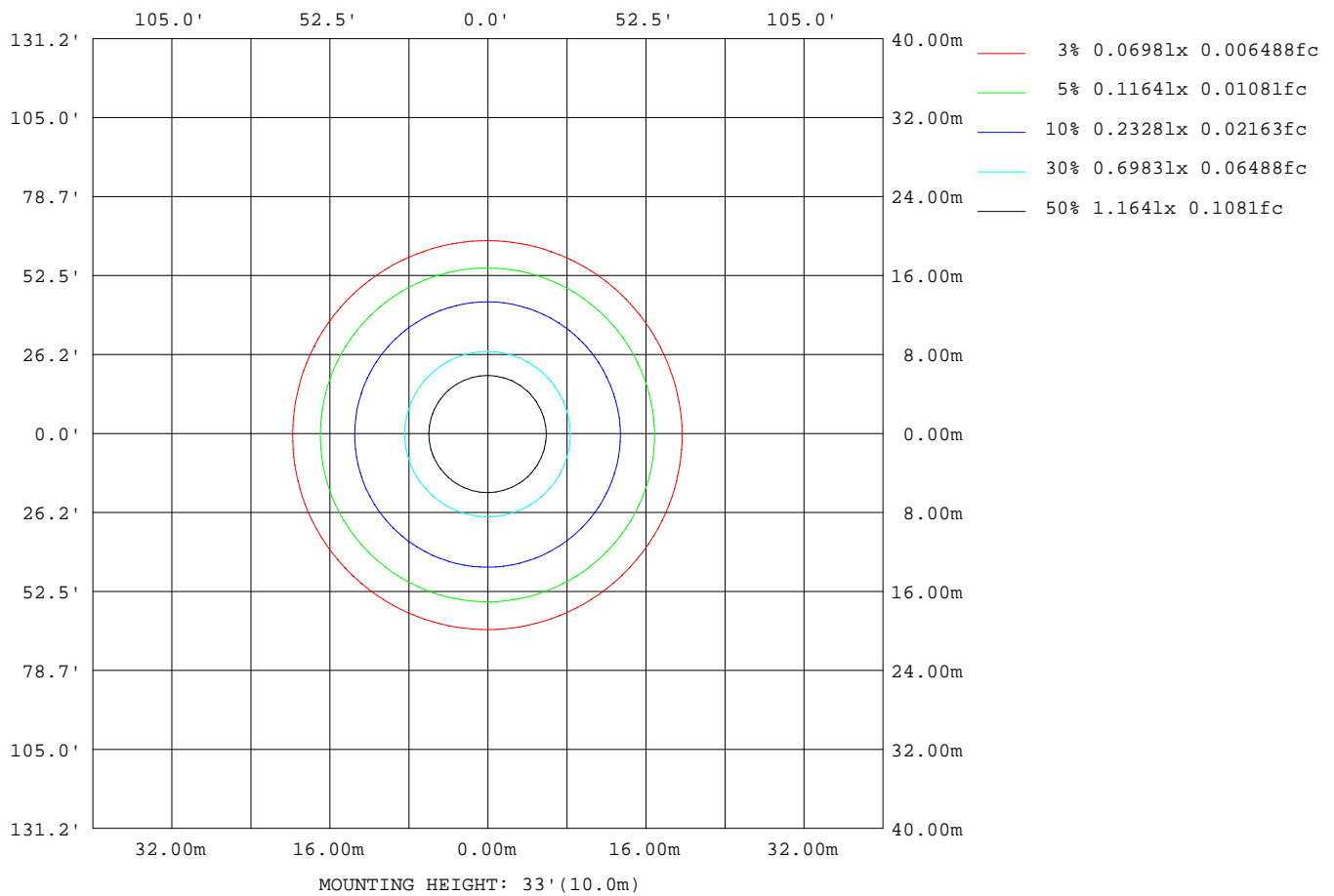
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators:Ben
 Test Date:2020-05-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.485m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:240.1V I:0.0244A P:5.286W PF:0.9016 Lamp Flux:591.544x1 lm		
NAME: LED Downlight	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Ulledlighting	SUR.:N/A	Shielding Angle:N/A



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators:Ben
 Test Date:2020-05-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.485m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:240.1V I:0.0244A P:5.286W PF:0.9016 Lamp Flux:591.544x1 lm		
NAME: LED Downlight	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Ulledlighting	SUR.:N/A	Shielding Angle:N/A

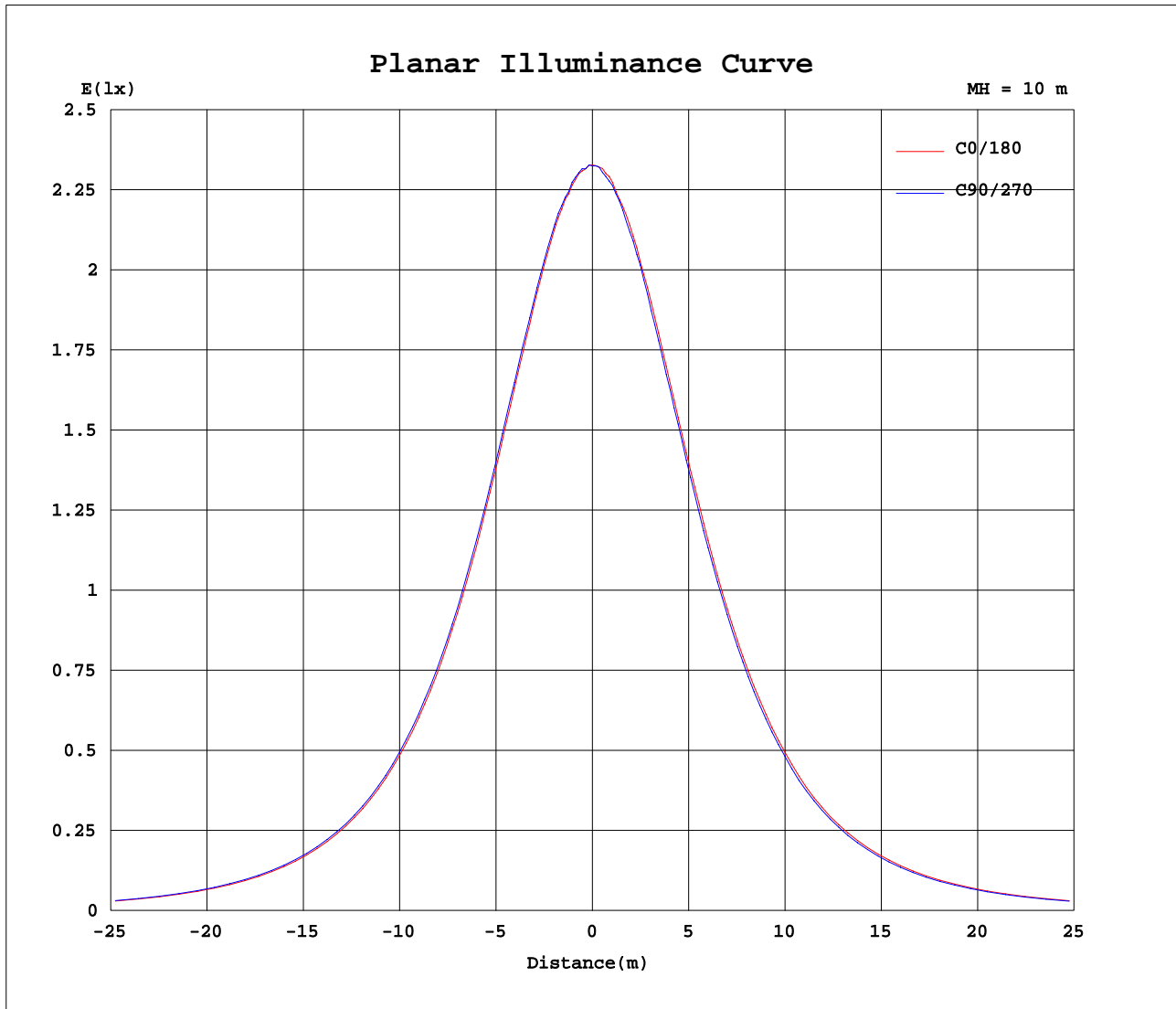
AvgL	cd/m2
L_0~180(65)av	50353
L_0~180(75)av	40499
L_0~180(85)av	20657
L_90~270(65)av	50320
L_90~270(75)av	40397
L_90~270(85)av	20362
L_45(65)av	50333
L_45(75)av	40394
L_45(85)av	20294

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.9DEG
 Operators:Ben
 Test Date:2020-05-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:45%
 Test Distance:2.485m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.9DEG
Operators: Ben
Test Date: 2020-05-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity: 45%
Test Distance: 2.485m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:240.1V I:0.0244A P:5.286W PF:0.9016 Lamp Flux:591.544x1 lm		
NAME: LED Downlight	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Ulledlighting	SUR.:N/A	Shielding Angle:N/A

Table--1

UNIT: cd

C(DEC) γ (DEC)	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	232	232	232	232	232	232	232	232	232	232	232	232	232	232	232	232			
5	231	231	231	231	232	232	232	231	231	231	230	231	230	230	230	231			
10	226	226	227	228	228	227	227	228	227	227	226	226	225	225	225	226			
15	219	219	220	221	221	221	221	221	220	220	219	219	218	218	218	218			
20	209	210	210	212	212	211	212	212	211	210	210	209	208	208	207	209			
25	197	198	198	200	200	200	200	200	199	199	198	197	197	196	196	196			
30	183	185	185	186	187	187	187	187	186	186	184	184	183	182	182	183			
35	169	170	171	172	172	172	172	172	171	171	170	169	168	167	167	168			
40	153	154	155	156	156	157	157	157	155	155	154	153	152	151	152	152			
45	137	138	139	139	140	140	140	140	139	139	137	137	136	136	135	136			
50	120	121	121	123	123	123	123	123	121	121	120	119	118	117	117	118			
55	102	104	104	105	106	106	106	106	104	104	103	102	101	101	100	101			
60	85.2	86.3	87.0	87.9	88.3	88.5	88.5	88.3	86.7	86.2	85.1	84.5	83.5	83.4	83.2	83.9			
65	67.8	68.7	69.3	70.0	70.6	70.7	70.9	70.6	69.1	68.4	67.5	66.9	66.2	65.8	65.9	66.4			
70	50.0	50.9	51.6	52.3	52.5	52.8	52.8	52.6	51.4	50.8	49.9	49.3	48.8	48.6	48.7	49.0			
75	33.2	33.9	34.4	35.0	35.3	35.4	35.3	35.1	34.2	33.6	32.8	32.4	32.0	31.7	32.0	32.3			
80	17.7	18.2	18.6	19.1	19.3	19.3	19.2	18.9	18.2	17.7	17.2	16.8	16.5	16.4	16.6	16.9			
85	5.77	5.85	6.13	6.42	6.54	6.59	6.50	6.28	5.80	5.49	5.21	5.01	4.87	4.84	4.91	5.09			
90	0.04	0.04	0.04	0.04	0.05	0.06	0.06	0.05	0.01	0.01	0.00	0.01	0.01	0.00	0.01	0.01			
95	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01			
100	0.05	0.05	0.05	0.05	0.04	0.05	0.05	0.05	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02			
105	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02			
110	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.03	0.03	0.03	0.04	0.03	0.03	0.03	0.04			
115	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05			
120	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06			
125	0.11	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08			
130	0.14	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09			
135	0.18	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.11			
140	0.23	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12			
145	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13			
150	0.35	0.35	0.35	0.35	0.35	0.34	0.34	0.34	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.15			
155	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17			
160	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19			
165	0.43	0.42	0.42	0.43	0.42	0.43	0.42	0.43	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21			
170	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23			
175	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27			
180	0.32	0.32	0.32	0.33	0.32	0.32	0.33	0.32	0.32	0.32	0.32	0.33	0.32	0.32	0.32	0.33			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
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