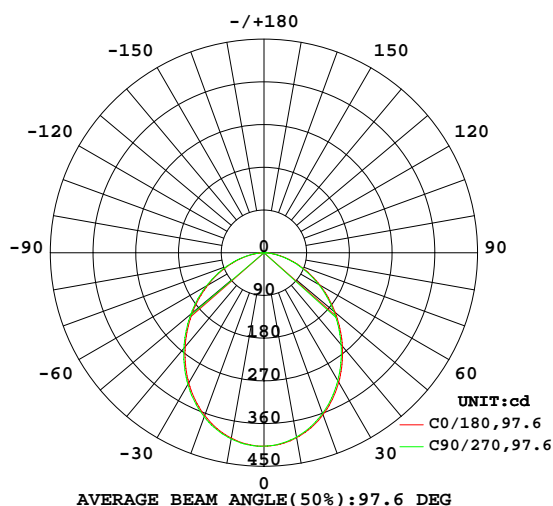


LUMINAIRE PHOTOMETRIC TEST REPORT

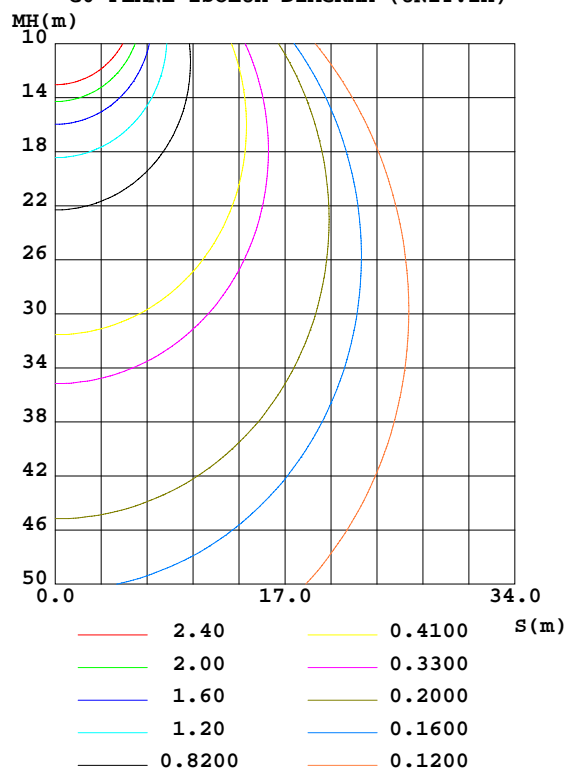
Test:U:240.1V I:0.0411A P:8.902W PF:0.9027 Lamp Flux:987.047x1 lm		
NAME: LED Downlight	TYPE:N/A	WEIGHT:N/A
SPEC.:N/A	DIM.: N/A	SERIAL No.:N/A
MFR.: Ulledlighting	SUR.:N/A	Shielding Angle:N/A

DATA OF LAMP		PHOTOMETRIC DATA Eff: 110.88 lm/W			
MODEL	R2DG200526800-10	Imax(cd)	407.7	S/MH(C0/180)	1.16
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.15
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	987.05	η UP,DN(C0-180)	0.1,50.7
NOMINAL FLUX(lm)	987.047	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.0,49.2
LAMPS INSIDE	1	η up(%)	0.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	240	η down(%)	99.9	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: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	396.6	397.9	398.3	397.4	395.6	394.5	394.3	395.1	0- 10	38.36	38.36	3.89,3.89
20	365.0	367.2	368.0	366.4	363.2	360.9	360.5	361.9	10- 20	107.8	146.1	14.8,14.8
30	316.9	319.6	320.6	318.8	315.0	311.9	311.1	313.0	20- 30	157.3	303.4	30.7,30.7
40	258.5	261.5	262.5	261.0	257.0	253.7	252.7	254.6	30- 40	179.8	483.1	48.9,48.9
50	197.0	199.9	201.0	199.6	195.8	192.8	191.8	193.4	40- 50	175.2	658.4	66.7,66.7
60	136.8	139.3	140.4	139.2	136.2	133.3	132.5	133.6	50- 60	148.6	807.0	81.8,81.8
70	80.42	82.54	83.34	82.45	79.51	77.48	76.67	77.41	60- 70	106.4	913.4	92.5,92.5
80	31.55	32.93	33.53	33.00	31.48	30.03	29.37	29.94	70- 80	57.84	971.2	98.4,98.4
90	0.0955	0.2002	0.2633	0.2014	0.0210	0.0136	0.0138	0.0140	80- 90	14.61	985.8	99.9,99.9
100	0.0824	0.0803	0.0792	0.0806	0.0311	0.0317	0.0331	0.0321	90-100	0.0517	985.9	99.9,99.9
110	0.1059	0.1038	0.1033	0.1048	0.0593	0.0604	0.0614	0.0610	100-110	0.0728	986.0	99.9,99.9
120	0.1446	0.1426	0.1427	0.1432	0.0990	0.1006	0.1019	0.1017	110-120	0.0994	986.1	99.9,99.9
130	0.2298	0.2266	0.2272	0.2281	0.1465	0.1479	0.1507	0.1497	120-130	0.1362	986.2	99.9,99.9
140	0.3879	0.3860	0.3852	0.3866	0.1972	0.1994	0.2003	0.1998	130-140	0.1822	986.4	99.9,99.9
150	0.6020	0.6004	0.6007	0.6021	0.2545	0.2569	0.2584	0.2569	140-150	0.2267	986.6	100,100
160	0.7507	0.7502	0.7491	0.7497	0.3374	0.3376	0.3363	0.3389	150-160	0.2262	986.8	100,100
170	0.6936	0.6943	0.6935	0.6935	0.3992	0.4005	0.3978	0.3993	160-170	0.1562	987.0	100,100
180	0.5670	0.5691	0.5658	0.5660	0.5688	0.5686	0.5709	0.5663	170-180	0.0526	987.0	100,100
DEG	LUMINOUS INTENSITY:cd Less than 25% Percent = 9.1 %									UNIT:lm		

Conical surface Flux(90deg): 572.85 lm

%lum = 58.0%

%lamp = 58.0%

Conical surface Flux(120deg): 806.96 lm

%lum = 81.8%

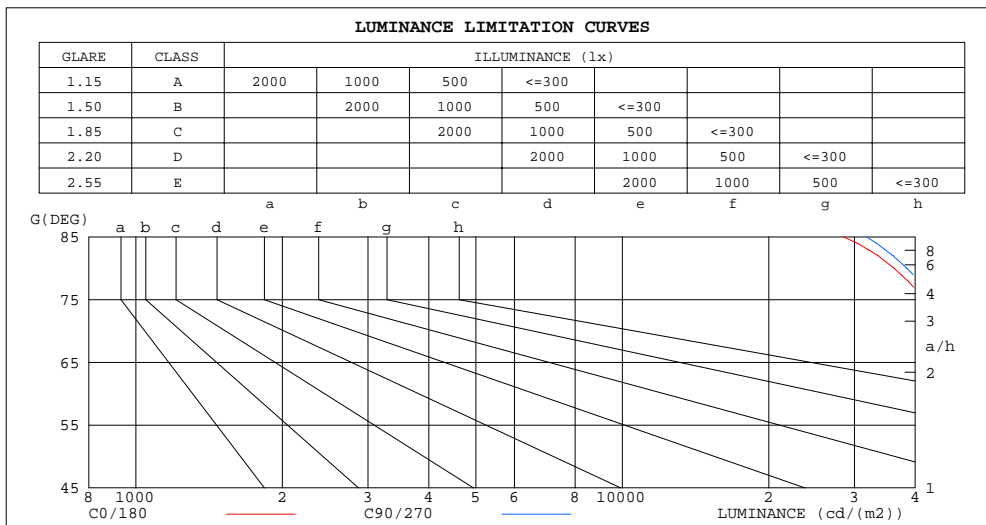
%lamp = 81.8%

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:

LUMINANCE LIMITATION CURVES

Test:U:240.1V I:0.0411A P:8.902W PF:0.9027 Lamp Flux:987.047x1 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



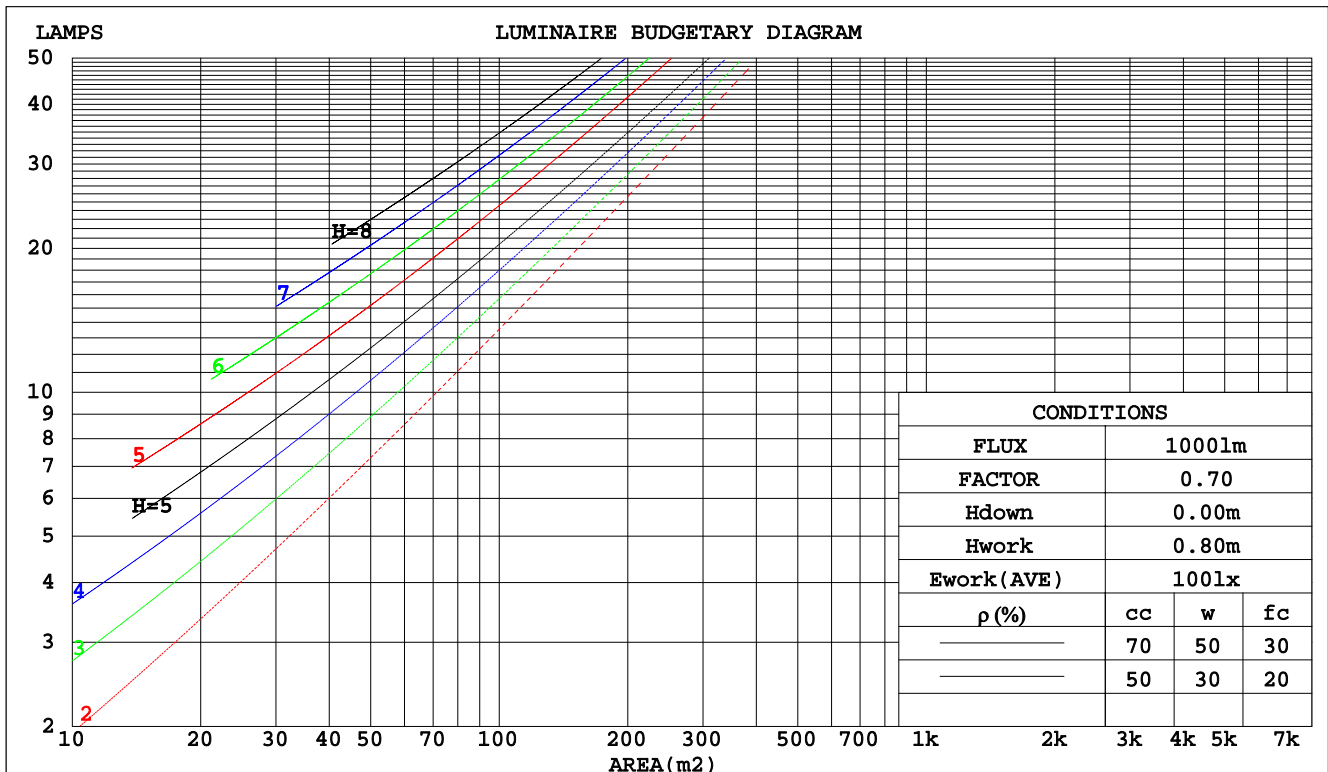
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.9DEG
Operators: Ben
Test Date: 2020-05-29

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.1V I:0.0411A P:8.902W PF:0.9027 Lamp Flux:987.047x1 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	.90	.91	.89	.87	.85
2.0	.92	.85	.80	.90	.84	.79	.86	.81	.77	.83	.79	.75	.80	.77	.74	.71
3.0	.81	.73	.67	.80	.72	.66	.77	.70	.65	.74	.69	.64	.71	.67	.63	.61
4.0	.72	.64	.57	.71	.63	.57	.68	.62	.56	.66	.60	.55	.64	.59	.55	.52
5.0	.65	.56	.50	.64	.56	.49	.62	.54	.49	.60	.53	.48	.58	.52	.48	.46
6.0	.59	.50	.44	.58	.49	.43	.56	.49	.43	.54	.48	.43	.53	.47	.42	.40
7.0	.53	.45	.39	.53	.44	.39	.51	.44	.38	.50	.43	.38	.48	.42	.38	.36
8.0	.49	.40	.35	.48	.40	.35	.47	.40	.34	.46	.39	.34	.44	.38	.34	.32
9.0	.45	.37	.31	.44	.37	.31	.43	.36	.31	.42	.36	.31	.41	.35	.31	.29
10.0	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.33	.28	.38	.32	.28	.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:0.0411A P:8.902W PF:0.9027 Lamp Flux:987.047x1 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	.293	.166	.053	.286	.163	.052	.272	.156	.050	.260	.150	.048	.249	.144	.047	
2.0	.277	.152	.047	.271	.149	.046	.260	.144	.045	.249	.140	.044	.239	.135	.043	
3.0	.258	.137	.041	.253	.135	.041	.242	.131	.040	.233	.128	.039	.224	.124	.038	
4.0	.239	.124	.037	.234	.123	.036	.225	.120	.036	.217	.116	.035	.209	.114	.035	
5.0	.222	.113	.033	.218	.112	.033	.210	.109	.032	.202	.107	.032	.195	.104	.031	
6.0	.207	.104	.030	.203	.102	.029	.196	.100	.029	.189	.098	.029	.183	.096	.029	
7.0	.193	.095	.027	.189	.094	.027	.183	.093	.027	.177	.091	.026	.171	.089	.026	
8.0	.181	.088	.025	.177	.087	.025	.172	.086	.025	.166	.084	.024	.161	.083	.024	
9.0	.170	.082	.023	.167	.081	.023	.162	.080	.023	.157	.079	.022	.152	.077	.022	
10.0	.160	.077	.021	.157	.076	.021	.153	.075	.021	.148	.074	.021	.144	.072	.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	.137	.154	.135	.118	.105	.093	.081	.061	.054	.047	.019	.017	.015	
2.0	.171	.133	.101	.147	.114	.087	.101	.079	.061	.058	.046	.036	.019	.015	.012	
3.0	.163	.115	.077	.140	.099	.067	.096	.069	.047	.055	.040	.028	.018	.013	.009	
4.0	.155	.102	.061	.133	.088	.053	.092	.061	.037	.053	.036	.022	.017	.012	.007	
5.0	.148	.091	.049	.127	.079	.043	.087	.055	.030	.051	.032	.018	.016	.011	.006	
6.0	.141	.083	.041	.121	.072	.036	.084	.050	.025	.048	.030	.015	.016	.010	.005	
7.0	.134	.076	.035	.115	.066	.030	.080	.046	.022	.046	.027	.013	.015	.009	.004	
8.0	.128	.070	.030	.110	.061	.026	.076	.043	.019	.044	.025	.011	.014	.008	.004	
9.0	.122	.065	.027	.105	.056	.023	.073	.040	.017	.042	.023	.010	.014	.008	.003	
10.0	.116	.061	.024	.100	.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:0.0411A P:8.902W PF:0.9027 Lamp Flux:987.047x1 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	28.3	27.1	28.5	28.7	26.9	28.4	27.2	28.6	28.8	
	3H	28.1	29.5	28.4	29.7	29.9	28.2	29.6	28.5	29.8	30.1
	4H	28.6	29.9	28.9	30.2	30.4	28.8	30.0	29.1	30.3	30.5
	6H	29.0	30.2	29.3	30.4	30.7	29.1	30.3	29.4	30.6	30.9
	8H	29.0	30.2	29.4	30.5	30.8	29.2	30.4	29.6	30.7	31.0
	12H	29.1	30.2	29.4	30.5	30.8	29.3	30.4	29.6	30.7	31.0
4H	2H	27.4	28.7	27.7	28.9	29.2	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	29.9	30.8	31.2	29.6	30.6	30.0	30.9	31.3
	6H	29.9	30.8	30.3	31.2	31.6	30.1	31.0	30.5	31.3	31.7
	8H	30.1	30.9	30.5	31.3	31.7	30.2	31.1	30.7	31.5	31.8
	12H	30.2	30.9	30.6	31.3	31.7	30.3	31.1	30.8	31.5	31.9
8H	4H	29.7	30.6	30.1	30.9	31.3	29.8	30.7	30.2	31.0	31.4
	6H	30.3	31.0	30.7	31.4	31.8	30.4	31.1	30.9	31.5	32.0
	8H	30.5	31.1	31.0	31.6	32.0	30.7	31.3	31.1	31.7	32.2
	12H	30.7	31.2	31.1	31.6	32.1	30.8	31.4	31.3	31.8	32.3
12H	4H	29.7	30.5	30.1	30.9	31.3	29.8	30.6	30.3	31.0	31.4
	6H	30.3	31.0	30.8	31.4	31.8	30.5	31.1	30.9	31.5	32.0
	8H	30.6	31.1	31.1	31.6	32.1	30.7	31.3	31.2	31.7	32.2
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.1 / - 0.3					
2.0H	+ 0.3 / - 0.3					+ 0.3 / - 0.3					

CIE Pub.117 Corrected 987.0 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.0)

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:0.0411A P:8.902W PF:0.9027 Lamp Flux:987.047x1 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

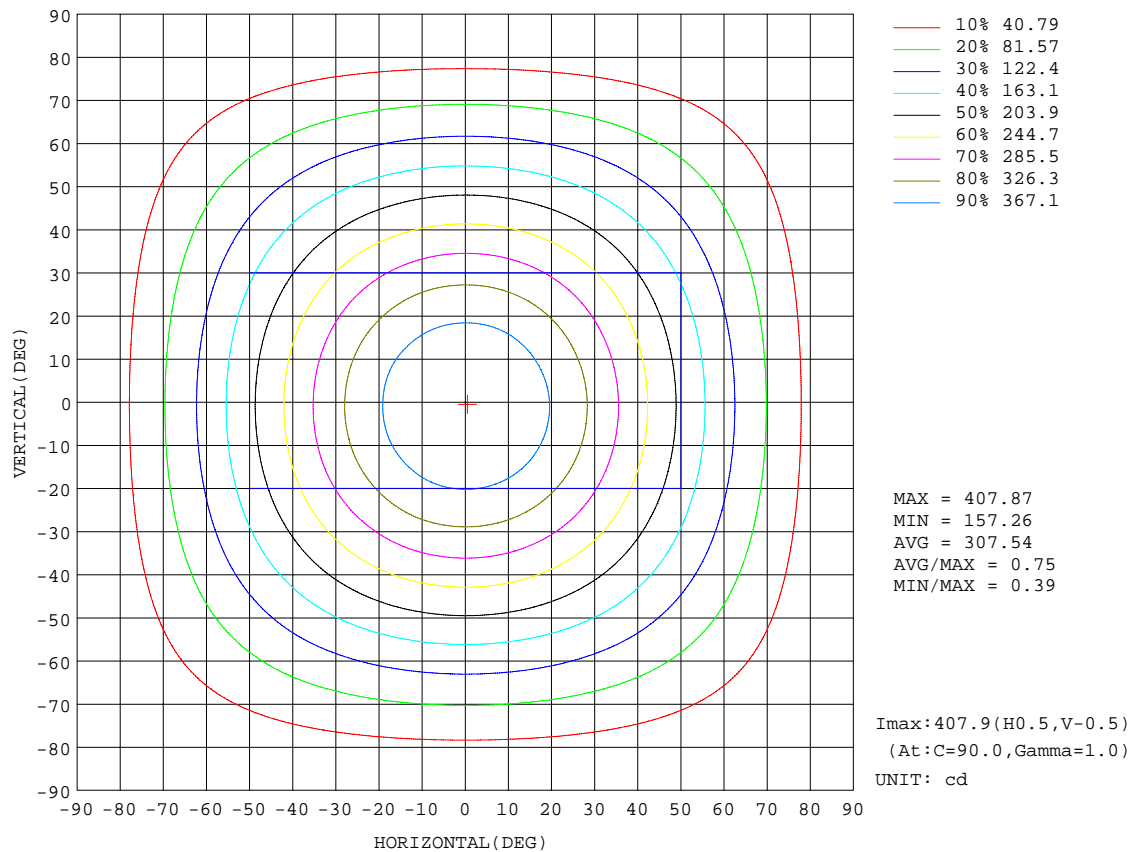
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	60	49	42	59	49	42	58	48	42	36
0.80	70	59	52	69	58	52	67	58	51	45
1.00	78	68	61	77	67	60	75	68	60	53
1.25	85	75	68	84	74	68	81	73	67	60
1.50	90	81	74	88	80	73	85	78	72	65
2.00	96	88	82	95	87	82	91	85	80	72
2.50	100	93	87	98	91	86	94	89	84	76
3.00	103	97	92	101	95	91	97	92	88	80
4.00	107	102	97	105	100	96	101	97	93	85
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:0.0411A P:8.902W PF:0.9027 Lamp Flux:987.047x1 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



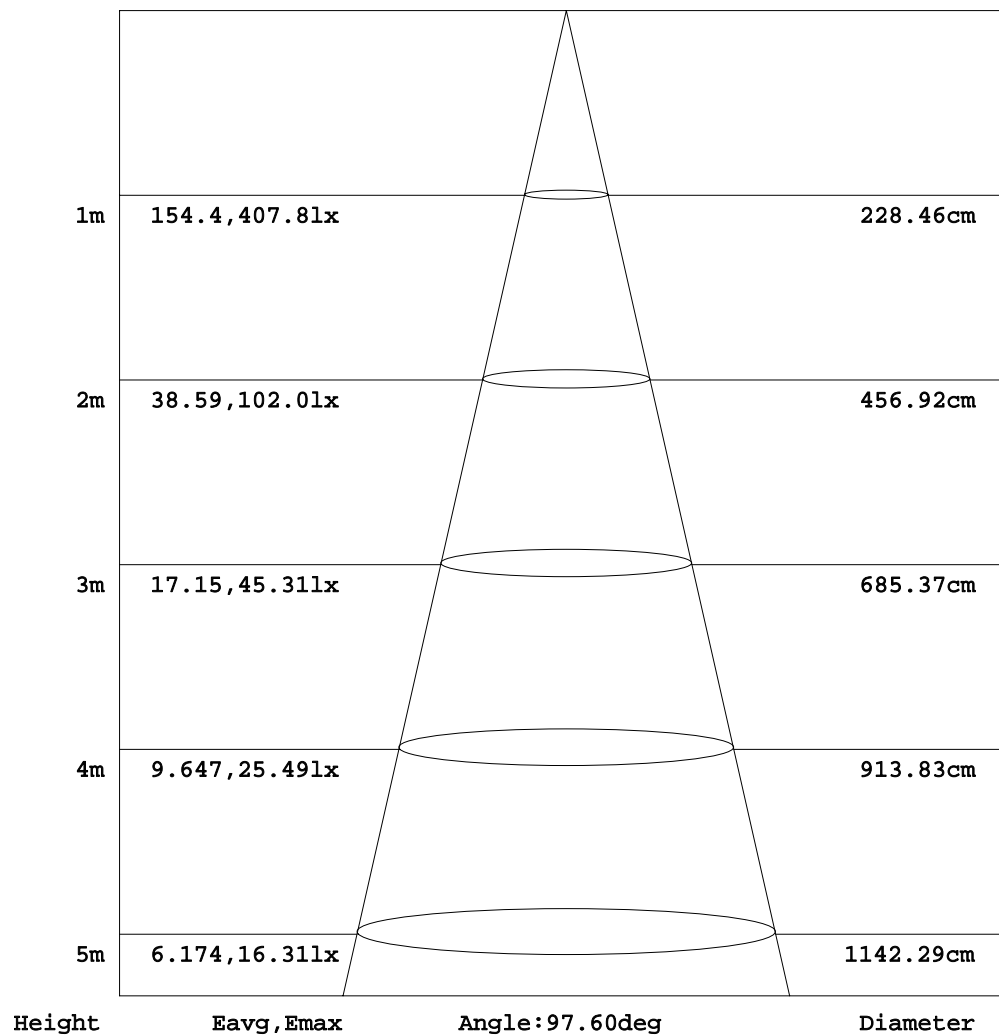
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.9DEG
Operators: Ben
Test Date: 2020-05-29

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:0.0411A P:8.902W PF:0.9027 Lamp Flux:987.047x1 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

Flux out:641.7 lm



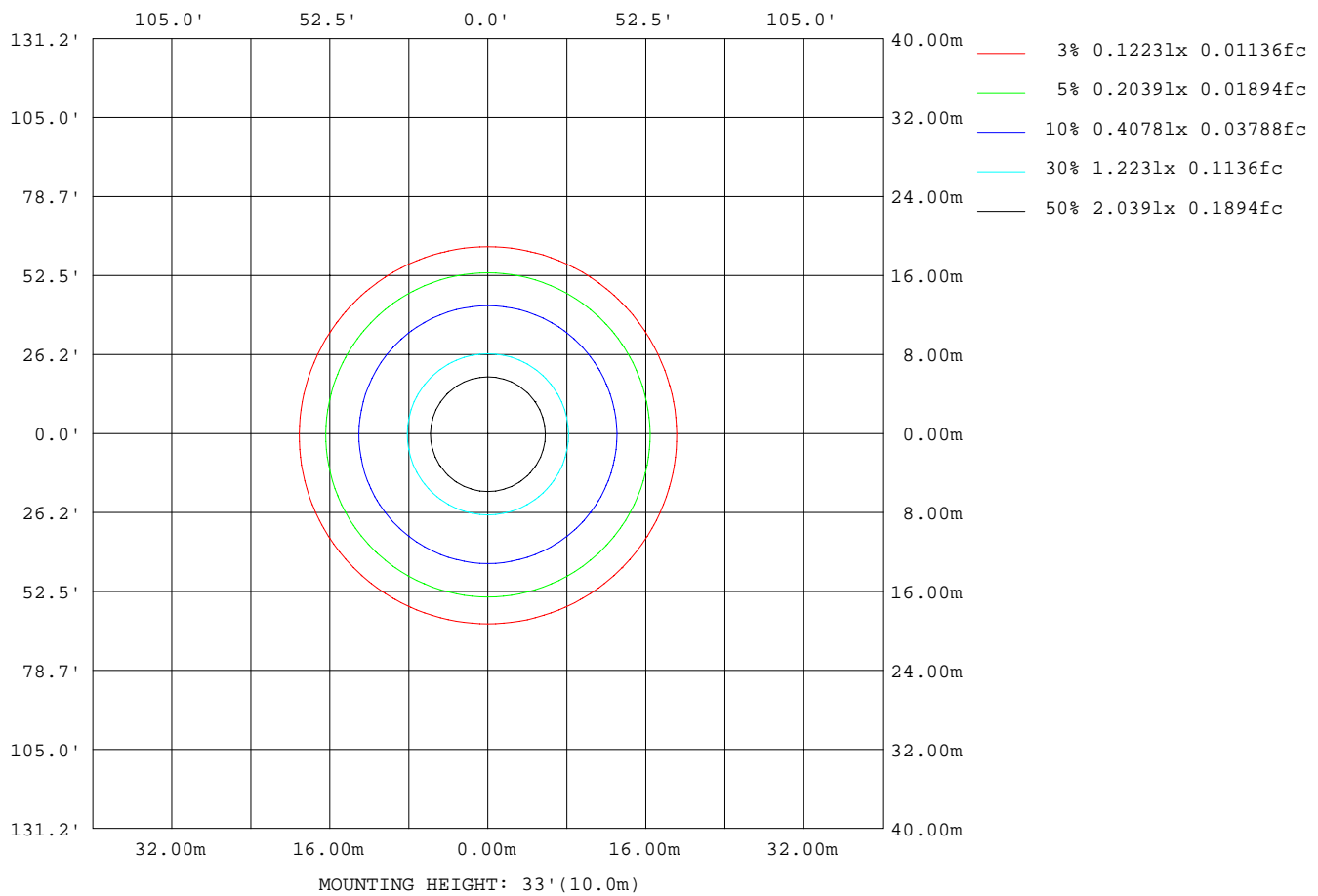
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.0411A P:8.902W PF:0.9027 Lamp Flux:987.047x1 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:0.0411A P:8.902W PF:0.9027 Lamp Flux:987.047x1 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

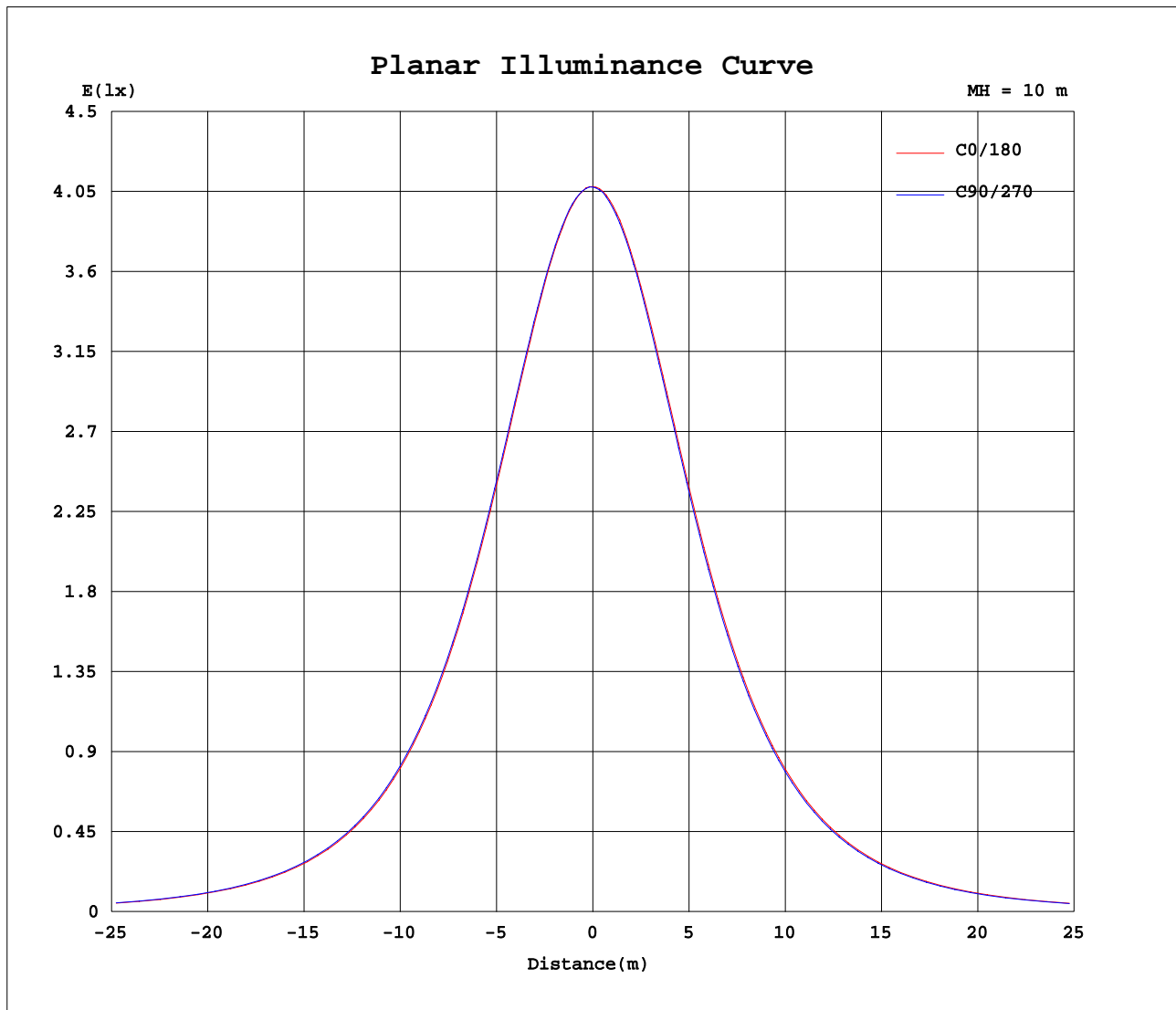
AvgL	cd/m2
L_0~180(65)av	50558
L_0~180(75)av	41846
L_0~180(85)av	28568
L_90~270(65)av	50525
L_90~270(75)av	41809
L_90~270(85)av	28482
L_45(65)av	50547
L_45(75)av	41832
L_45(85)av	28481

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:0.0411A P:8.902W PF:0.9027 Lamp Flux:987.047x1 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	407	407	407	407	407	407	407	407	407	407	407	407	407	407	407	407			
5	405	405	405	406	406	405	405	405	404	405	404	404	404	404	404	404			
10	397	398	398	398	398	398	397	396	396	395	394	394	394	395	395	396			
15	383	384	385	386	386	385	384	383	382	381	380	380	380	380	381	382			
20	365	366	367	368	368	368	366	365	363	362	361	361	361	361	362	363			
25	343	344	345	346	346	346	344	343	341	340	338	338	338	338	339	341			
30	317	319	320	321	321	320	319	318	315	313	312	311	311	312	313	315			
35	288	290	291	292	292	292	291	289	287	285	283	283	283	283	285	286			
40	258	260	262	263	263	262	261	260	257	255	254	253	253	253	255	256			
45	228	230	231	232	232	231	230	229	226	225	223	222	222	223	224	226			
50	197	199	200	201	201	201	200	198	196	194	193	192	192	192	193	195			
55	167	168	169	170	170	170	169	168	166	164	163	162	162	162	163	165			
60	137	138	139	140	140	140	139	138	136	134	133	133	132	133	134	135			
65	108	109	110	111	111	111	110	109	107	105	104	104	103	104	104	106			
70	80.4	81.6	82.5	83.2	83.3	83.1	82.5	81.5	79.5	78.5	77.5	76.9	76.7	76.9	77.4	78.4			
75	54.7	55.8	56.4	57.1	57.2	57.0	56.6	56.1	54.1	53.3	52.4	51.9	51.6	51.8	52.3	53.1			
80	31.5	32.3	32.9	33.4	33.5	33.4	33.0	32.4	31.5	30.7	30.0	29.6	29.4	29.5	29.9	30.5			
85	12.4	13.0	13.4	13.8	13.9	13.8	13.5	13.1	12.6	12.0	11.5	11.2	11.0	11.1	11.4	11.9			
90	0.10	0.12	0.20	0.25	0.26	0.24	0.20	0.13	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01			
95	0.07	0.07	0.07	0.07	0.06	0.07	0.07	0.07	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02			
100	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03			
105	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.04	0.05	0.05	0.05	0.05	0.05	0.04	0.05			
110	0.11	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06			
115	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08			
120	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10			
125	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.12			
130	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15			
135	0.30	0.30	0.29	0.29	0.29	0.29	0.30	0.30	0.17	0.17	0.17	0.18	0.18	0.17	0.18	0.17			
140	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20			
145	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.22	0.23	0.23	0.23	0.23	0.23	0.23	0.23			
150	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.25	0.26	0.26	0.26	0.26	0.26	0.26	0.26			
155	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30			
160	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34			
165	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.37	0.37	0.37	0.37	0.37	0.37	0.36	0.37			
170	0.69	0.69	0.69	0.70	0.69	0.69	0.69	0.69	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40			
175	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.47	0.47	0.47	0.47	0.47	0.46	0.47	0.47			
180	0.57	0.57	0.57	0.57	0.57	0.56	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57			

C Range: 0 - 360DEG
C Interval: 22.5DEG
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