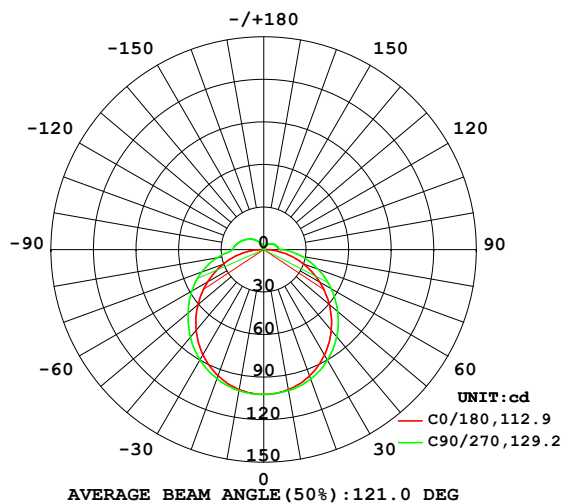


**LUMINAIRE PHOTOMETRIC TEST REPORT**

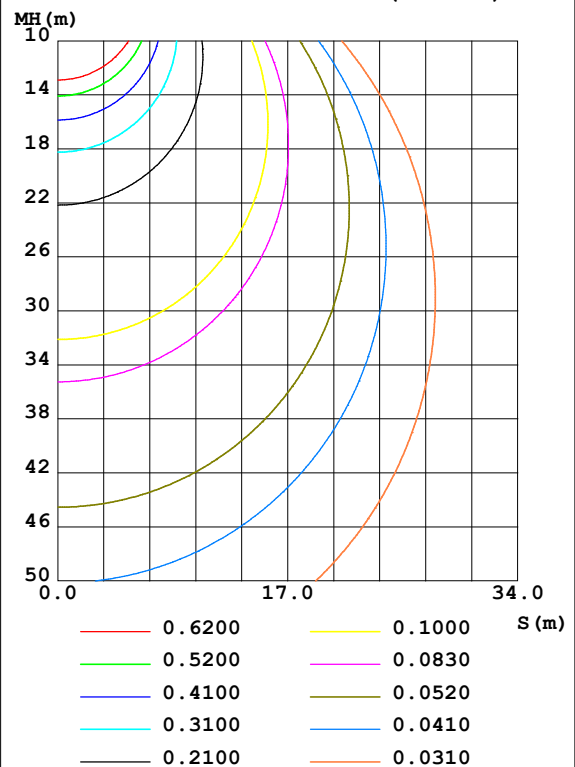
Test:U:240.0V I:0.0862A P:17.51W PF:0.8464 Lamp Flux:374.721x1 lm		
NAME: NEON FLEX_S1616_SIDE VIEW_15WM_RGB_ALL CHNLS TYPE:LED		WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 21.40 lm/W			
MODEL	NS-S1616-RGB-15-CV	Imax(cd)	102.4	S/MH(C0/180)	1.25
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.31
RATED VOLTAGE(V)	230.0	TOTAL FLUX(lm)	374.72	$\eta$ UP,DN(C0-180)	3.7,44.2
NOMINAL FLUX(lm)	374.721	CIE CLASS	SEMI-D.	$\eta$ UP,DN(C180-360)	6.5,45.5
LAMPS INSIDE	1	$\eta$ up(%)	10.3	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	230	$\eta$ down(%)	89.7	CIBSE SHR MAX	1.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:JEFF  
 Test Date:13 January 2025

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
 Humidity:65.0%  
 Test Distance:7.889m [K=1.0000]  
 Remarks:

### ZONAL FLUX DIAGRAM

#### ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	100.3	100.5	100.9	102.1	100.2	100.7	101.0	100.4	0- 10	9.679	9.679	2.58,2.58
20	94.73	96.12	97.11	100.4	94.64	95.95	96.86	96.66	10- 20	27.91	37.59	10,10
30	85.82	88.41	90.01	94.06	85.78	88.32	89.92	89.58	20- 30	42.75	80.34	21.4,21.4
40	74.16	77.90	80.16	83.10	74.22	78.14	80.56	79.28	30- 40	52.23	132.6	35.4,35.4
50	60.44	65.30	68.18	69.79	60.64	66.06	69.66	66.66	40- 50	55.36	187.9	50.2,50.2
60	45.52	51.34	54.89	55.05	45.86	53.09	58.66	53.08	50- 60	52.54	240.5	64.2,64.2
70	30.08	36.91	40.96	39.82	30.58	40.38	46.63	39.95	60- 70	44.70	285.2	76.1,76.1
80	14.59	22.48	26.88	24.59	15.34	27.05	33.33	26.45	70- 80	32.78	317.9	84.8,84.8
90	0.5001	8.376	12.76	9.640	0.9432	15.13	22.21	14.64	80- 90	18.32	336.3	89.7,89.7
100	0.1705	6.680	10.05	7.598	0.1960	12.86	19.94	12.76	90-100	10.54	346.8	92.5,92.5
110	0.2394	5.998	9.010	6.706	0.2650	10.19	17.27	10.95	100-110	8.873	355.7	94.9,94.9
120	0.3084	5.232	7.830	4.985	0.3339	8.060	14.49	9.282	110-120	7.082	362.8	96.8,96.8
130	0.3774	4.423	6.532	3.716	0.4065	5.992	11.71	7.357	120-130	5.214	368.0	98.2,98.2
140	0.4426	3.647	5.203	2.710	0.4645	4.141	8.798	5.133	130-140	3.443	371.4	99.1,99.1
150	0.4862	2.617	3.941	1.859	0.5226	2.607	4.528	4.719	140-150	2.024	373.4	99.7,99.7
160	0.5298	0.9740	2.547	1.083	0.5661	1.864	3.843	2.898	150-160	0.9427	374.4	99.9,99.9
170	0.5803	0.6059	0.5842	0.6158	0.5806	0.5841	0.5878	0.7312	160-170	0.2853	374.7	100,100
180	0.5806	0.6059	0.5842	0.6736	0.5806	0.5805	0.5878	0.6774	170-180	0.0579	374.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 160.26 lm

%lum = 42.8%

%lamp = 42.8%

Conical surface Flux(120deg): 240.47 lm

%lum = 64.2%

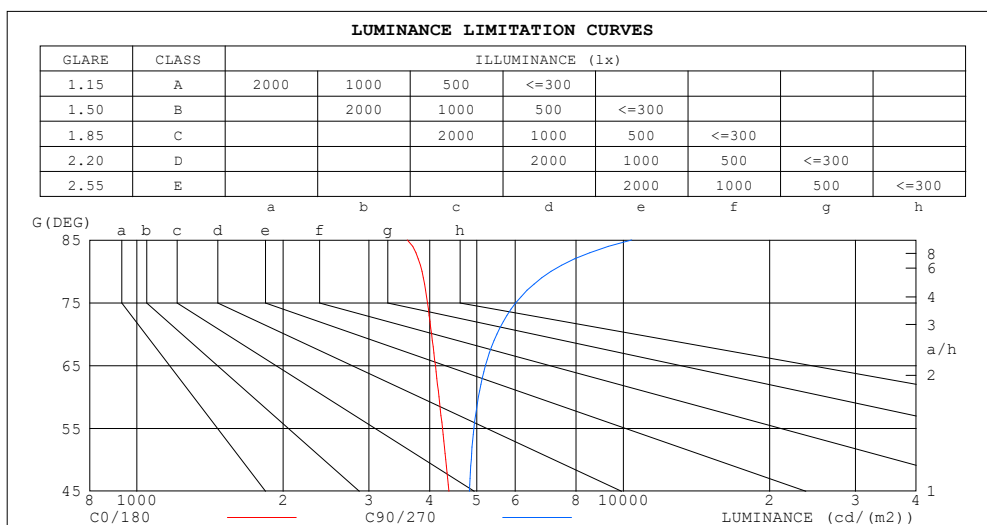
%lamp = 64.2%

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:13 January 2025

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:7.889m [K=1.0000]  
Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:240.0V I:0.0862A P:17.51W PF:0.8464 Lamp Flux:374.72lx1 lm		
NAME: NEON FLEX_S1616_SIDE VIEW_15WM_RGB_ALL CHNLS TYPE:LED		WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3600	10409
80	3857	7106
75	3960	6015
70	4038	5498
65	4109	5212
60	4179	5040
55	4250	4933
50	4317	4870
45	4384	4830

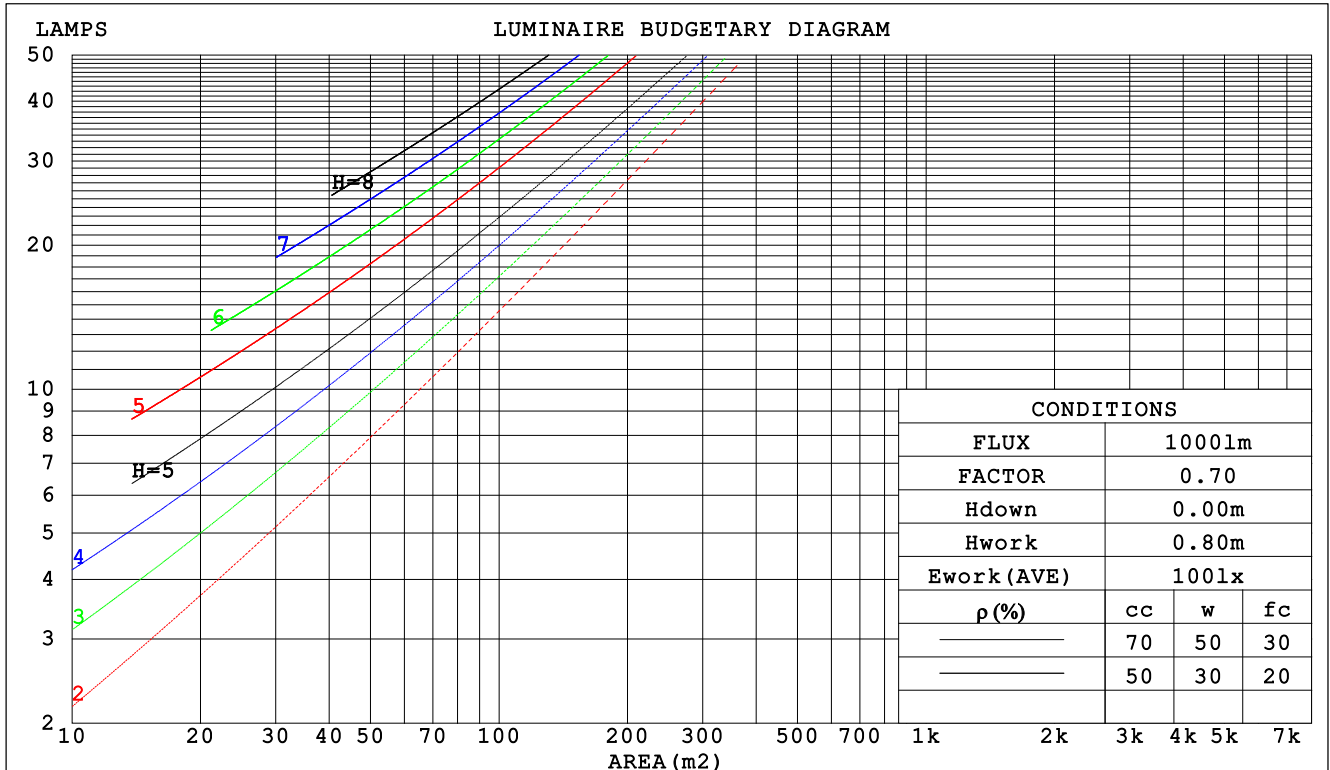
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:13 January 2025

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:7.889m [K=1.0000]  
Remarks:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:240.0V I:0.0862A P:17.51W PF:0.8464 Lamp Flux:374.721x1 lm		
NAME: NEON FLEX_S1616_SIDE VIEW_15WM_RGB_ALL CHNLS TYPE:LED		WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	SUR.:	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	Coefficients of Utilization(CU)															
RCR:Room Cavity Ratio																
0.0	1.17	1.17	1.17	1.13	1.13	1.13	1.05	1.05	1.05	.99	.99	.99	.93	.93	.93	.90
1.0	.99	.94	.90	.96	.91	.87	.90	.86	.83	.84	.81	.78	.79	.76	.74	.71
2.0	.85	.78	.72	.83	.76	.70	.77	.72	.67	.72	.68	.64	.68	.64	.61	.58
3.0	.74	.66	.59	.72	.64	.58	.68	.61	.55	.63	.58	.53	.60	.55	.51	.48
4.0	.66	.56	.49	.64	.55	.48	.60	.52	.47	.56	.50	.45	.53	.48	.43	.41
5.0	.58	.49	.42	.57	.48	.41	.53	.46	.40	.50	.44	.39	.47	.42	.37	.35
6.0	.52	.43	.37	.51	.42	.36	.48	.40	.35	.45	.39	.34	.43	.37	.33	.30
7.0	.47	.38	.32	.46	.38	.32	.44	.36	.31	.41	.35	.30	.39	.33	.29	.27
8.0	.43	.34	.28	.42	.34	.28	.40	.32	.27	.38	.31	.26	.36	.30	.26	.24
9.0	.39	.31	.25	.38	.31	.25	.37	.29	.24	.35	.28	.24	.33	.27	.23	.21
10.0	.36	.28	.23	.35	.28	.23	.34	.27	.22	.32	.26	.22	.31	.25	.21	.19



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:13 January 2025

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:7.889m [K=1.0000]  
Remarks:

**WEC AND CCEC**

Test:U:240.0V I:0.0862A P:17.51W PF:0.8464 Lamp Flux:374.721x1 lm		
NAME: NEON FLEX_S1616_SIDE VIEW_15WM_RGB_ALL CHNLS TYPE:LED		WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	SUR.:	Shielding Angle:

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	.353	.201	.064	.343	.195	.062	.323	.185	.059	.306	.176	.057	.289	.168	.054		
2.0	.316	.173	.053	.307	.169	.052	.290	.161	.050	.274	.153	.048	.259	.146	.046		
3.0	.286	.152	.046	.277	.149	.045	.262	.142	.043	.247	.136	.042	.234	.130	.040		
4.0	.260	.135	.040	.252	.132	.039	.238	.126	.038	.225	.121	.036	.213	.116	.035		
5.0	.238	.121	.035	.231	.119	.035	.218	.114	.033	.206	.109	.032	.195	.104	.031		
6.0	.219	.110	.031	.213	.107	.031	.201	.103	.030	.191	.099	.029	.181	.095	.028		
7.0	.202	.100	.028	.197	.098	.028	.187	.094	.027	.177	.091	.026	.168	.087	.026		
8.0	.188	.092	.026	.183	.090	.026	.174	.087	.025	.165	.084	.024	.157	.080	.023		
9.0	.176	.085	.024	.171	.084	.023	.163	.080	.023	.154	.077	.022	.147	.075	.022		
10.0	.165	.079	.022	.161	.078	.022	.153	.075	.021	.145	.072	.021	.138	.069	.020		

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	.269	.269	.269	.230	.230	.230	.157	.157	.157	.090	.090	.090	.029	.029	.029	
1.0	.262	.235	.210	.224	.201	.181	.153	.139	.125	.088	.080	.073	.028	.026	.023	
2.0	.255	.211	.174	.218	.182	.151	.150	.126	.105	.086	.073	.062	.028	.024	.020	
3.0	.247	.194	.152	.212	.168	.132	.146	.116	.092	.084	.068	.054	.027	.022	.018	
4.0	.240	.181	.137	.206	.157	.119	.141	.109	.084	.082	.064	.050	.026	.021	.016	
5.0	.232	.171	.127	.199	.148	.110	.137	.104	.078	.080	.061	.046	.026	.020	.015	
6.0	.225	.163	.119	.193	.141	.104	.133	.099	.073	.077	.058	.044	.025	.019	.014	
7.0	.218	.156	.114	.187	.136	.099	.129	.095	.070	.075	.056	.042	.024	.018	.014	
8.0	.211	.151	.109	.182	.131	.095	.126	.092	.068	.073	.054	.040	.024	.018	.013	
9.0	.205	.146	.106	.176	.127	.093	.122	.089	.066	.071	.053	.039	.023	.017	.013	
10.0	.199	.142	.104	.172	.123	.090	.119	.087	.064	.069	.051	.038	.023	.017	.013	

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:13 January 2025

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:7.889m [K=1.0000]  
Remarks:

**UGR(Unified Glare Rating) Table**

Test:U:240.0V I:0.0862A P:17.51W PF:0.8464 Lamp Flux:374.721x1 lm										
NAME: NEON FLEX_S1616_SIDE VIEW_15WM_RGB_ALL CHNLS TYPE:LED								WEIGHT:		
SPEC.:				DIM.:				SERIAL No.:1		
MFR.: DARKON				SUR.:				Shielding Angle:		
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	17.2	18.6	17.6	19.0	19.4	17.9	19.4	18.3	19.7	20.2
3H	18.8	20.2	19.3	20.6	21.0	20.0	21.3	20.4	21.7	22.1
4H	19.6	20.8	20.0	21.2	21.7	21.0	22.2	21.4	22.7	23.1
6H	20.1	21.3	20.6	21.8	22.3	22.0	23.2	22.5	23.6	24.1
8H	20.3	21.5	20.8	21.9	22.5	22.5	23.6	23.0	24.1	24.6
12H	20.5	21.6	21.0	22.1	22.6	23.0	24.1	23.5	24.6	25.1
4H 2H	18.0	19.2	18.4	19.7	20.1	18.5	19.8	19.0	20.2	20.7
3H	19.8	20.9	20.3	21.4	21.9	20.8	21.9	21.3	22.4	22.9
4H	20.7	21.7	21.2	22.2	22.8	22.0	23.0	22.5	23.5	24.0
6H	21.4	22.3	22.0	22.9	23.5	23.1	24.1	23.7	24.6	25.2
8H	21.7	22.6	22.3	23.1	23.7	23.8	24.6	24.3	25.1	25.7
12H	21.9	22.7	22.5	23.3	23.9	24.4	25.2	25.0	25.7	26.4
8H 4H	21.2	22.1	21.8	22.6	23.2	22.3	23.1	22.8	23.7	24.3
6H	22.2	22.9	22.8	23.5	24.1	23.7	24.4	24.3	25.0	25.7
8H	22.6	23.3	23.2	23.9	24.5	24.5	25.1	25.1	25.7	26.4
12H	23.0	23.5	23.6	24.1	24.8	25.3	25.9	26.0	26.5	27.2
12H 4H	21.3	22.1	21.9	22.7	23.3	22.3	23.1	22.9	23.6	24.3
6H	22.4	23.1	23.0	23.6	24.3	23.8	24.5	24.4	25.1	25.7
8H	22.9	23.5	23.6	24.1	24.8	24.7	25.2	25.3	25.8	26.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.4					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 374.7 lm Total Lamp Luminous Flux.(8log(F/F0) = -3.4)

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:13 January 2025

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:7.889m [K=1.0000]  
Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:240.0V I:0.0862A P:17.51W PF:0.8464 Lamp Flux:374.721x1 lm		
NAME: NEON FLEX_S1616_SIDE VIEW_15WM_RGB_ALL CHNLS TYPE:LED	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	SUR.:	Shielding Angle:

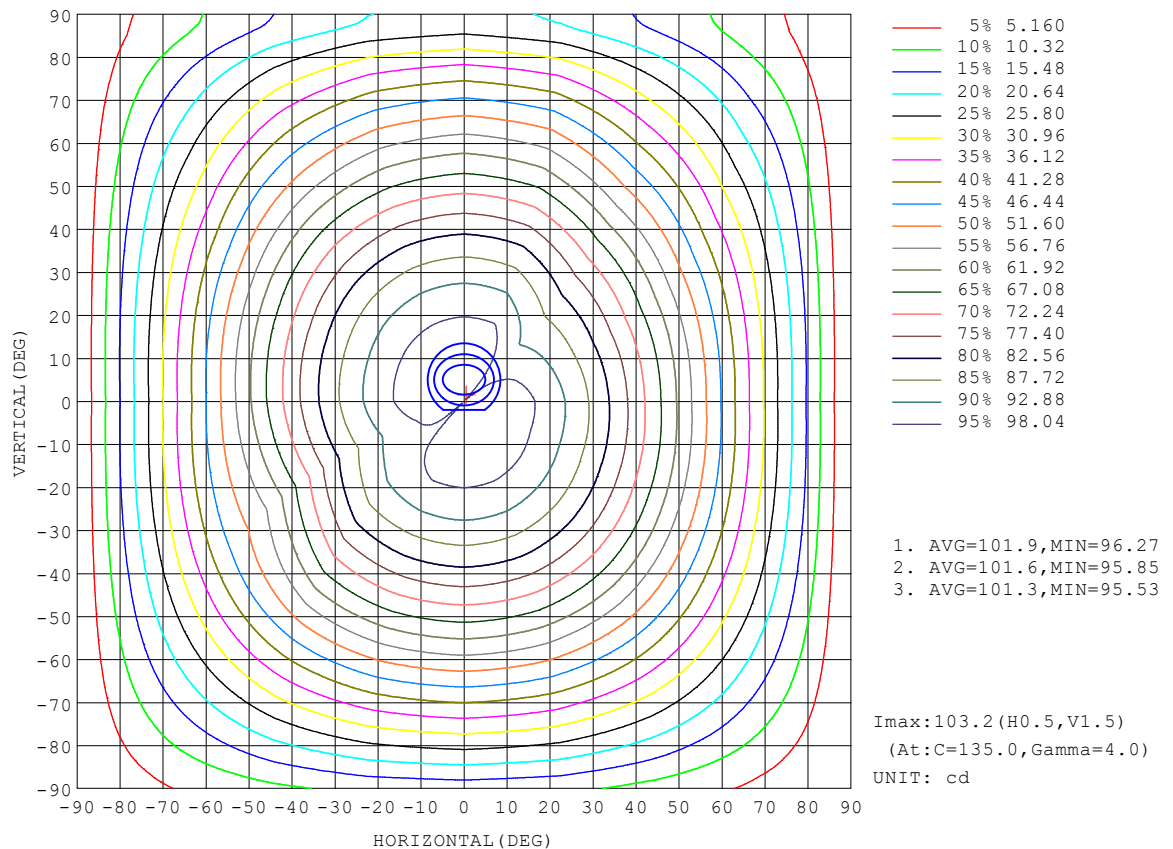
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	52	40	33	51	40	33	49	39	32	26
0.80	61	49	41	60	48	41	58	47	40	33
1.00	69	57	49	68	56	49	65	57	48	40
1.25	76	65	57	74	64	56	71	62	55	46
1.50	82	70	62	79	69	62	75	66	60	51
2.00	89	79	71	86	77	70	81	74	68	58
2.50	93	84	77	90	82	75	85	78	72	62
3.00	97	88	82	94	86	80	88	82	77	65
4.00	101	94	88	98	91	86	92	87	82	70
5.00	104	98	93	100	95	90	94	90	86	73
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:25.3DEG  
Operators:JEFF  
Test Date:13 January 2025

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:7.889m [K=1.0000]  
Remarks:

# ISOCANDELA DIAGRAM

Test:U:240.0V I:0.0862A P:17.51W PF:0.8464 Lamp Flux:374.72lx1 lm		
NAME: NEON FLEX_S1616_SIDE VIEW_15WM_RGB_ALL CHNLS TYPE:LED	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	SUR.:	Shielding Angle:



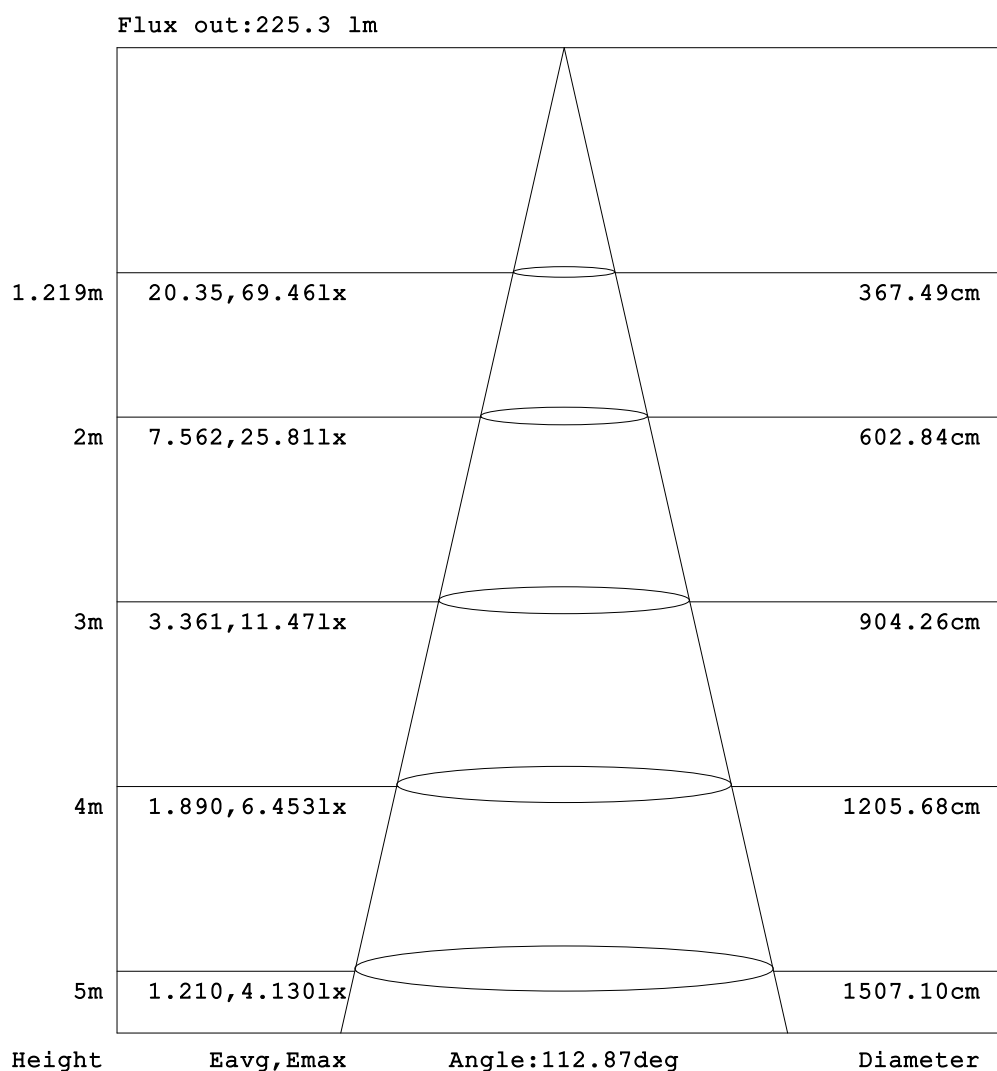
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:13 January 2025

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:7.889m [K=1.0000]  
Remarks:



**AAI Figure**

Test:U:240.0V I:0.0862A P:17.51W PF:0.8464 Lamp Flux:374.72lx1 lm		
NAME: NEON FLEX_S1616_SIDE VIEW_15WM_RGB_ALL CHNLS TYPE:LED	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	SUR.:	Shielding Angle:



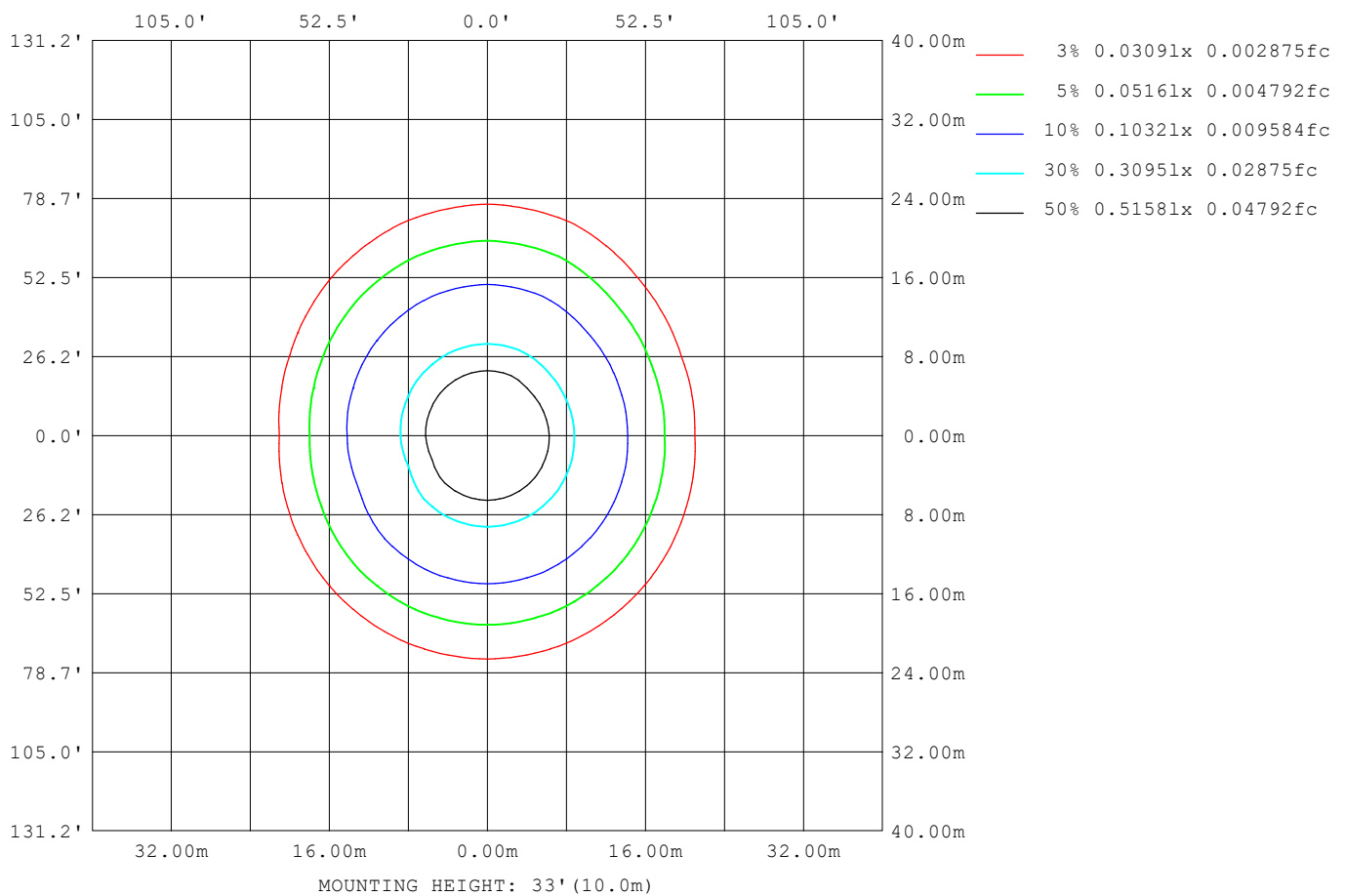
**Note:**The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:13 January 2025

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:7.889m [K=1.0000]  
Remarks:

### ISOLUX DIAGRAM

Test:U:240.0V I:0.0862A P:17.51W PF:0.8464 Lamp Flux:374.721x1 lm		
NAME: NEON FLEX_S1616_SIDE VIEW_15WM_RGB_ALL CHNLS TYPE:LED	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:13 January 2025

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:7.889m [K=1.0000]  
Remarks:

### LED Avg.L Report

Test:U:240.0V I:0.0862A P:17.51W PF:0.8464 Lamp Flux:374.721x1 lm		
NAME: NEON FLEX_S1616_SIDE VIEW_15WM_RGB_ALL CHNLS TYPE:LED	WEIGHT:	
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	SUR.:	Shielding Angle:

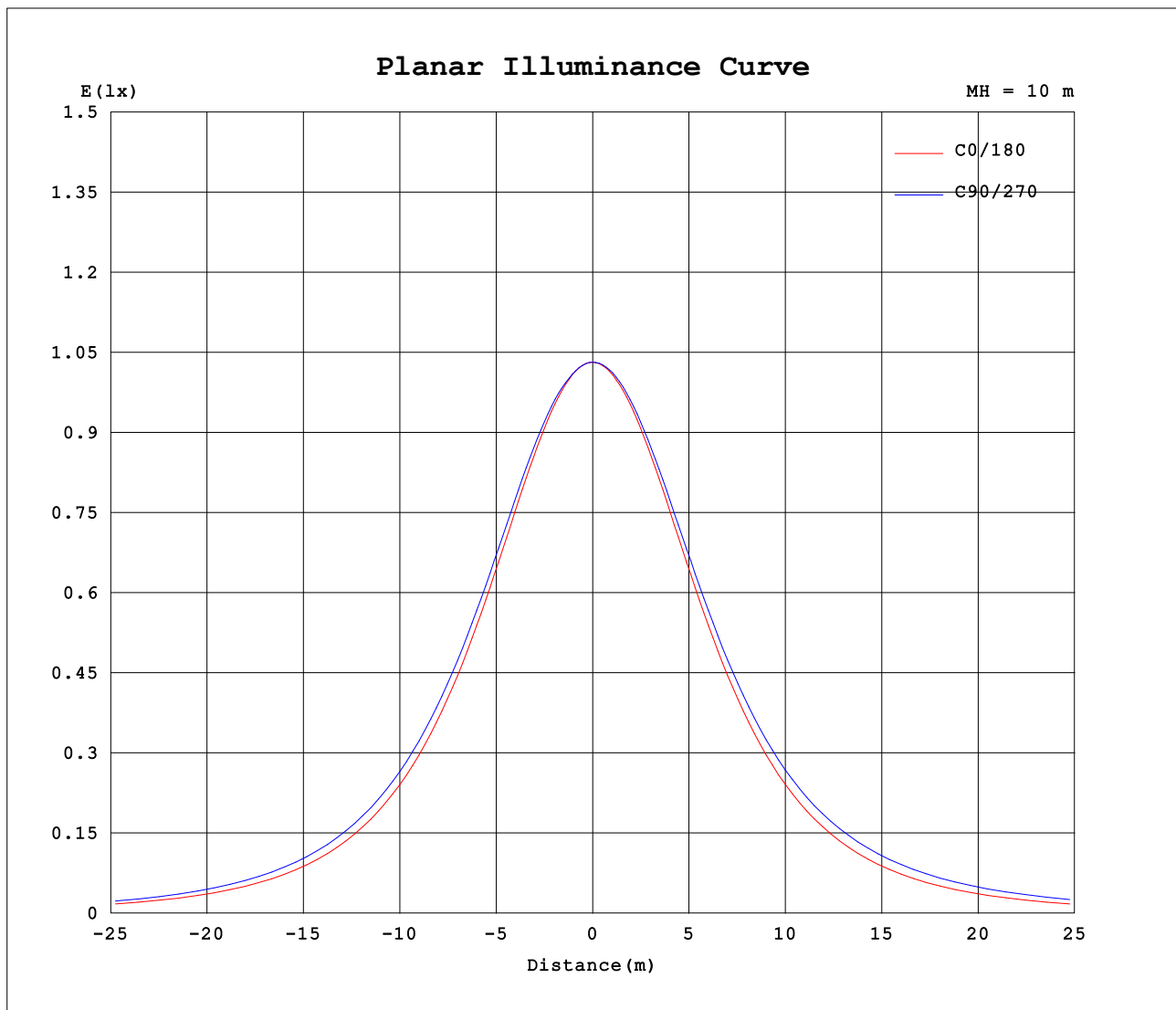
AvgL	cd/m2
L_0~180 (65) av	4091
L_0~180 (75) av	3976
L_0~180 (85) av	3778
L_90~270 (65) av	5418
L_90~270 (75) av	6507
L_90~270 (85) av	11946
L_45 (65) av	4970
L_45 (75) av	5664
L_45 (85) av	9286

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:JEFF  
Test Date:13 January 2025

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity:65.0%  
Test Distance:7.889m [K=1.0000]  
Remarks:

### Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: JEFF  
Test Date: 13 January 2025

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.0.295  
Humidity: 65.0%  
Test Distance: 7.889m [K=1.0000]  
Remarks:

**LUMINOUS DISTRIBUTION INTENSITY DATA**

Test:U:240.0V I:0.0862A P:17.51W PF:0.8464 Lamp Flux:374.721x1 lm		
NAME: NEON FLEX_S1616_SIDE VIEW_15WM_RGB_ALL CHNLS TYPE:LED		WEIGHT:
SPEC.:	DIM.:	SERIAL No.:1
MFR.: DARKON	SUR.:	Shielding Angle:

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	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102			
5	102	102	102	102	102	102	102	102	102	102	102	102	102	102	101	102			
10	100	100	101	101	101	101	102	100	100	100	101	101	101	101	100	100			
15	98.0	98.1	98.7	99.3	99.5	99.2	102	97.7	97.9	98.2	98.7	99.1	99.3	99.1	98.9	98.3			
20	94.7	95.1	96.1	96.9	97.1	96.8	100	94.5	94.6	95.2	96.0	96.6	96.9	96.6	96.7	95.2			
25	90.7	91.3	92.7	93.7	94.0	93.6	97.9	90.5	90.6	91.3	92.5	93.4	93.7	93.4	93.6	91.2			
30	85.8	86.8	88.4	89.7	90.0	89.6	94.1	85.6	85.8	86.8	88.3	89.5	89.9	89.4	89.6	86.5			
35	80.3	81.6	83.5	85.0	85.4	84.9	89.0	79.5	80.3	81.6	83.5	84.9	85.5	84.9	84.8	81.1			
40	74.2	75.7	77.9	79.6	80.2	79.6	83.1	72.5	74.2	75.8	78.1	79.8	80.6	79.8	79.3	75.1			
45	67.5	69.4	71.8	73.8	74.4	73.8	76.7	65.3	67.6	69.5	72.3	74.3	75.2	74.3	73.2	68.7			
50	60.4	62.6	65.3	67.5	68.2	67.5	69.8	58.6	60.6	62.9	66.1	68.5	69.7	68.5	66.7	61.9			
55	53.1	55.5	58.4	60.8	61.6	60.9	62.5	53.4	53.3	56.0	59.6	62.8	64.2	62.8	59.8	54.7			
60	45.5	48.1	51.3	54.0	54.9	54.0	55.0	48.5	45.9	48.8	53.1	57.1	58.7	57.0	53.1	47.5			
65	37.8	40.7	44.1	47.0	48.0	47.1	47.4	42.2	38.2	41.6	46.8	51.1	52.8	51.0	46.5	40.1			
70	30.1	33.2	36.9	40.0	41.0	40.0	39.8	34.8	30.6	34.3	40.4	44.9	46.6	44.7	39.9	32.8			
75	22.3	25.7	29.7	32.8	33.9	32.9	32.2	27.1	22.9	27.4	33.8	38.4	40.2	38.2	33.3	25.8			
80	14.6	18.3	22.5	25.8	26.9	25.9	24.6	19.6	15.3	20.6	27.1	31.6	33.3	31.2	26.5	18.9			
85	6.84	11.0	15.3	18.6	19.8	18.8	17.0	12.2	7.65	13.5	19.8	24.3	26.1	23.8	19.1	12.0			
90	0.50	4.27	8.38	11.6	12.8	11.8	9.64	5.24	0.94	8.08	15.1	20.3	22.2	19.7	14.6	7.37			
95	0.17	3.56	7.00	9.55	10.5	9.59	7.98	4.32	0.17	7.36	14.2	19.3	21.1	18.6	13.7	6.46			
100	0.17	3.37	6.68	9.13	10.0	9.18	7.60	4.08	0.20	6.54	12.9	18.0	19.9	17.4	12.8	5.66			
105	0.20	3.19	6.34	8.69	9.56	8.73	7.04	3.83	0.23	6.03	11.8	16.3	18.7	16.2	11.8	5.22			
110	0.24	2.99	6.00	8.21	9.01	8.24	6.71	3.55	0.26	5.65	10.2	15.2	17.3	15.0	10.9	4.63			
115	0.29	2.82	5.64	7.68	8.43	7.70	5.86	2.98	0.29	4.78	9.75	13.5	15.9	13.7	10.1	4.41			
120	0.31	2.67	5.23	7.14	7.83	7.14	4.99	2.44	0.33	3.98	8.06	12.7	14.5	12.5	9.28	4.31			
125	0.34	2.52	4.82	6.57	7.20	6.45	4.26	2.02	0.37	3.34	6.93	11.4	13.1	11.3	8.36	4.03			
130	0.38	2.31	4.42	5.96	6.53	5.37	3.72	1.67	0.41	2.81	5.99	9.27	11.7	10.2	7.36	3.60			
135	0.41	2.01	4.03	5.36	5.86	4.47	3.17	1.53	0.44	2.23	5.01	7.48	10.3	9.06	6.03	3.23			
140	0.44	1.73	3.65	4.77	5.20	3.66	2.71	1.36	0.46	1.90	4.14	6.19	8.80	7.99	5.13	2.76			
145	0.46	1.32	3.25	4.20	4.57	3.06	2.21	1.19	0.50	1.60	3.39	5.00	7.50	6.91	5.24	2.30			
150	0.49	0.55	2.62	3.65	3.94	2.50	1.86	0.52	0.52	0.54	2.61	3.92	4.53	4.88	4.72	0.64			
155	0.52	0.57	2.23	2.84	3.17	1.80	1.65	0.58	0.55	0.52	2.16	2.93	4.98	3.20	3.81	0.60			
160	0.53	0.58	0.97	2.35	2.55	1.52	1.08	0.63	0.57	0.52	1.86	2.15	3.84	3.05	2.90	0.59			
165	0.55	0.58	0.61	0.66	1.21	0.70	0.62	0.66	0.58	0.54	0.58	1.48	1.62	2.07	0.77	0.59			
170	0.58	0.58	0.61	0.61	0.58	0.60	0.62	0.66	0.58	0.56	0.58	0.58	0.59	0.63	0.73	0.63			
175	0.58	0.58	0.61	0.61	0.58	0.60	0.62	0.66	0.58	0.58	0.58	0.58	0.59	0.63	0.69	0.64			
180	0.58	0.58	0.61	0.61	0.58	0.60	0.67	0.65	0.58	0.58	0.58	0.59	0.59	0.63	0.68	0.65			

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

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γ Range: 0 - 180DEG

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