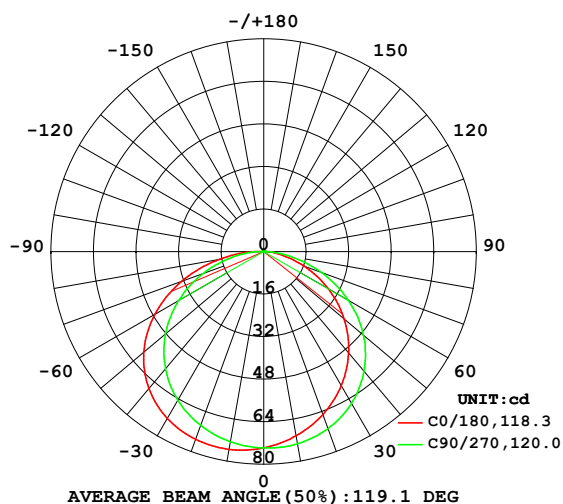


LUMINAIRE PHOTOMETRIC TEST REPORT

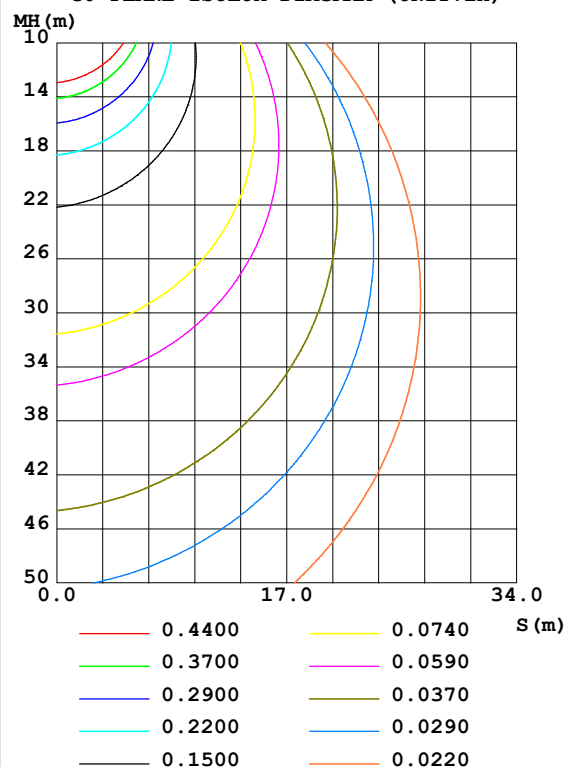
Test:U:24.001V I:0.2087A P:5.0090W PF:1.0000 Freq:0Hz Lamp Flux:235.015x1 lm		
NAME: CB-PXL-RGB	TYPE: LED Strip	WEIGHT:
SPEC.: 12W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: 0.02*1*0.01	Shielding Angle: 120

DATA OF LAMP		PHOTOMETRIC DATA Eff: 46.92 lm/W			
MODEL		I _{max} (cd)	75.56	S/MH (C0/180)	1.45
NOMINAL POWER (W)		LOR (%)	100.0	S/MH (C90/270)	1.30
RATED VOLTAGE (V)		TOTAL FLUX (lm)	235.02	η UP, DN (C0-180)	0.4, 48.3
NOMINAL FLUX (lm)	235.015	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.4, 50.9
LAMPS INSIDE	1	η up (%)	0.7	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)		η down (%)	99.3	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=
Test Date:2021-05-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446=
Humidity:65.0%
Test Distance:9.660m [K=1.0000]

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	70.34	71.30	73.38	75.00	75.52	74.39	72.60	70.87	0- 10	7.006	7.006	2.98,2.98
20	65.20	66.99	70.81	74.32	75.12	73.14	69.51	66.31	10- 20	20.28	27.29	11.6,11.6
30	58.31	60.70	66.01	71.19	72.52	69.78	64.60	59.96	20- 30	31.38	58.67	25,25
40	49.72	52.47	58.75	65.32	67.22	63.92	57.50	51.85	30- 40	38.89	97.56	41.5,41.5
50	39.54	42.30	48.97	56.42	58.90	55.38	48.26	42.08	40- 50	41.61	139.2	59.2,59.2
60	28.13	30.50	36.84	44.39	47.34	44.12	36.99	30.79	50- 60	38.79	178.0	75.7,75.7
70	16.18	17.84	23.12	29.87	32.92	30.60	24.36	18.75	60- 70	30.54	208.5	88.7,88.7
80	5.909	6.526	9.589	14.20	16.91	15.89	11.61	7.665	70- 80	18.43	226.9	96.6,96.6
90	0.4144	0.7771	1.417	1.934	2.282	3.332	2.259	1.225	80- 90	6.371	233.3	99.3,99.3
100	0.1369	0.1823	0.2128	0.1518	0.1215	0.1217	0.1217	0.1365	90-100	0.5567	233.9	99.5,99.5
110	0.1669	0.1671	0.1520	0.1062	0.1521	0.1519	0.1673	0.1972	100-110	0.1553	234.0	99.6,99.6
120	0.2129	0.2430	0.1672	0.1361	0.1978	0.1974	0.2430	0.2427	110-120	0.1818	234.2	99.7,99.7
130	0.2281	0.2582	0.2430	0.2123	0.2433	0.2280	0.2586	0.2882	120-130	0.2011	234.4	99.7,99.7
140	0.2433	0.2582	0.2584	0.2578	0.2739	0.2430	0.2888	0.3337	130-140	0.2008	234.6	99.8,99.8
150	0.2433	0.2734	0.2584	0.2578	0.2889	0.2430	0.3040	0.3337	140-150	0.1727	234.8	99.9,99.9
160	0.2736	0.2886	0.2584	0.2578	0.2889	0.2430	0.3040	0.3337	150-160	0.1291	234.9	100,100
170	0.2737	0.3036	0.2886	0.2730	0.2889	0.3038	0.3040	0.3337	160-170	0.0809	235.0	100,100
180	0.2889	0.3341	0.3040	0.2882	0.2889	0.3038	0.3040	0.3337	170-180	0.0285	235.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 118.36 lm

%lum = 50.4%

%lamp = 50.4%

Conical surface Flux(120deg): 177.96 lm

%lum = 75.7%

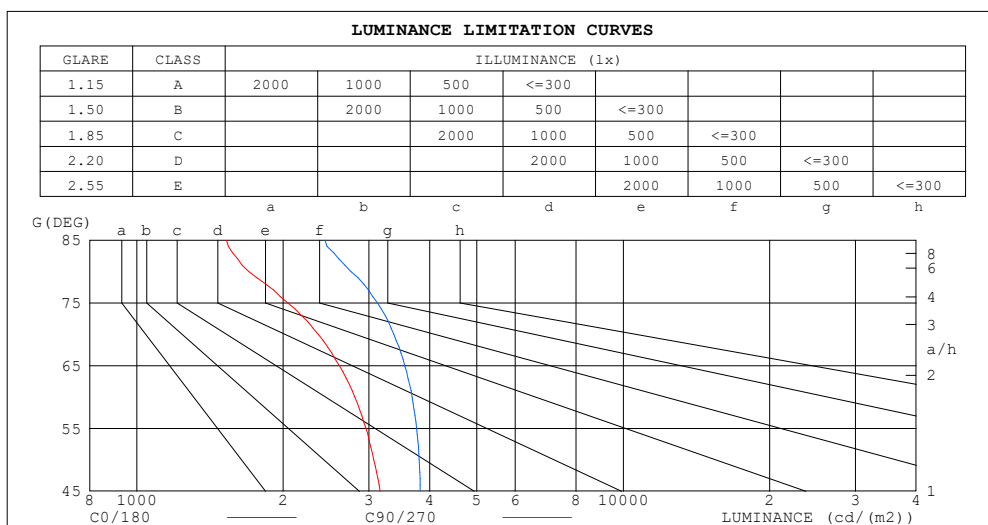
%lamp = 75.7%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Test Date:2021-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:9.660m [K=1.0000]

LUMINANCE LIMITATION CURVES

Test:U:24.001V I:0.2087A P:5.0090W PF:1.0000 Freq:0Hz Lamp Flux:235.015x1 lm		
NAME: CB-PXL-RGB	TYPE: LED Strip	WEIGHT:
SPEC.: 12W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: 0.02*1*0.01	Shielding Angle: 120



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1528	2437
80	1699	2758
75	2044	3124
70	2361	3376
65	2608	3555
60	2809	3680
55	2958	3762
50	3071	3805
45	3165	3826

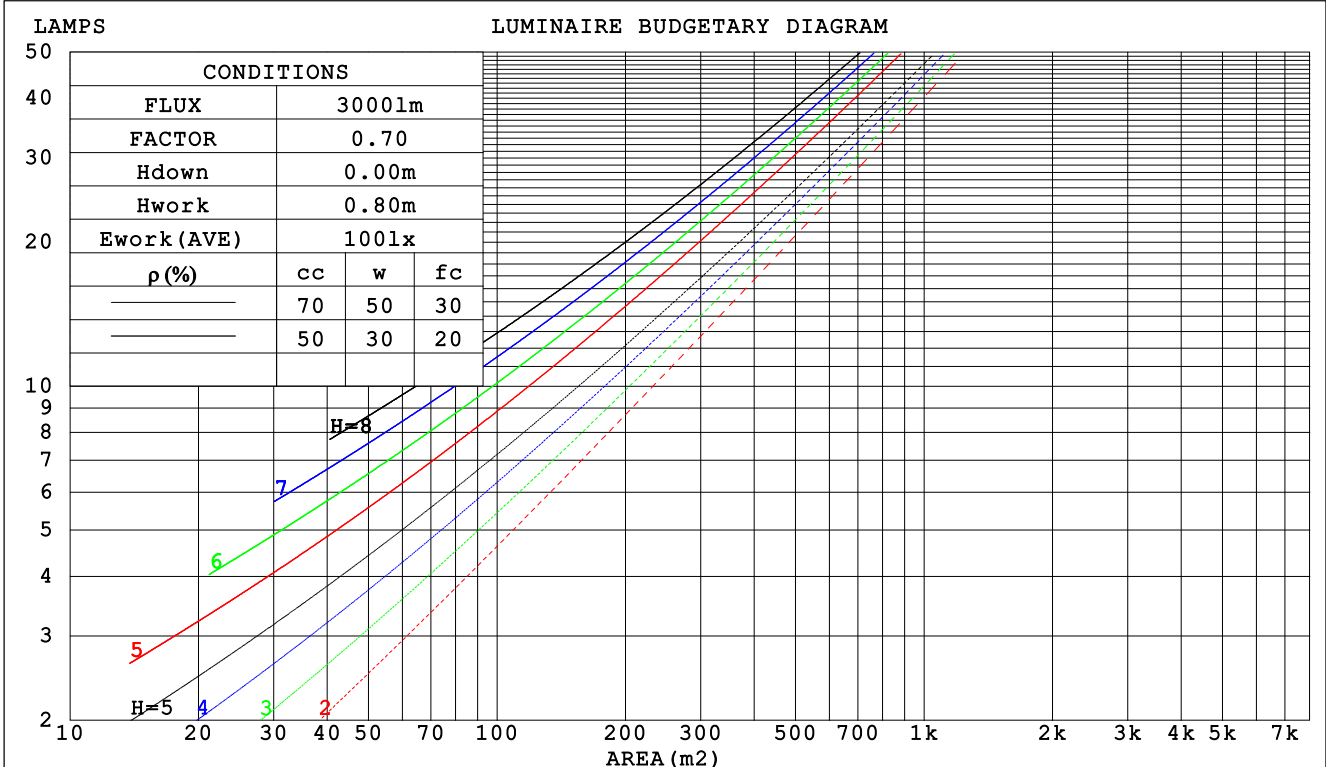
C Range: 0 - 360DEG=
C Interval: 22.5DEG=
Test Speed: HIGH=
Temperature:25.3DEG=
Test Date:2021-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446=
Humidity:65.0%
Test Distance:9.660m [K=1.0000]

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.001V I:0.2087A P:5.0090W PF:1.0000 Freq:0Hz Lamp Flux:235.015x1 lm		
NAME: CB-PXL-RGB	TYPE: LED Strip	WEIGHT:
SPEC.: 12W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: 0.02*1*0.01	Shielding Angle: 120

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{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	1.01	1.01	1.01	.99
1.0	1.03	.98	.94	1.00	.96	.93	.96	.93	.90	.92	.89	.87	.88	.86	.84	.82
2.0	.89	.82	.76	.87	.81	.75	.83	.78	.73	.80	.75	.71	.77	.73	.70	.67
3.0	.78	.69	.63	.76	.68	.62	.73	.66	.61	.70	.64	.60	.67	.63	.58	.56
4.0	.69	.60	.53	.67	.59	.52	.65	.57	.51	.62	.56	.51	.60	.54	.50	.48
5.0	.61	.52	.45	.60	.51	.45	.58	.50	.44	.56	.49	.44	.54	.48	.43	.41
6.0	.55	.46	.39	.54	.45	.39	.52	.44	.38	.50	.43	.38	.49	.42	.38	.36
7.0	.50	.41	.34	.49	.40	.34	.47	.39	.34	.46	.39	.34	.44	.38	.33	.31
8.0	.45	.37	.31	.44	.36	.30	.43	.36	.30	.42	.35	.30	.41	.34	.30	.28
9.0	.41	.33	.27	.41	.33	.27	.40	.32	.27	.38	.32	.27	.37	.31	.27	.25
10.0	.38	.30	.25	.38	.30	.25	.37	.29	.25	.36	.29	.24	.35	.29	.24	.22



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Test Date: 2021-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 9.660m [K=1.0000]

WEC AND CCEC

Test:U:24.001V I:0.2087A P:5.0090W PF:1.0000 Freq:0Hz Lamp Flux:235.015x1 lm		
NAME: CB-PXL-RGB	TYPE: LED Strip	WEIGHT:
SPEC.: 12W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: 0.02*1*0.01	Shielding Angle: 120

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	.326	.185	.059	.319	.182	.058	.305	.175	.056	.292	.169	.054	.281	.163	.052		
2.0	.303	.166	.051	.297	.163	.050	.284	.158	.049	.273	.153	.048	.263	.149	.047		
3.0	.279	.148	.044	.273	.146	.044	.262	.142	.043	.252	.138	.042	.243	.134	.042		
4.0	.256	.133	.039	.251	.131	.039	.241	.128	.038	.232	.125	.038	.224	.122	.037		
5.0	.236	.120	.035	.231	.119	.035	.223	.116	.034	.215	.113	.034	.207	.111	.033		
6.0	.218	.109	.031	.214	.108	.031	.206	.106	.031	.199	.104	.030	.193	.101	.030		
7.0	.203	.100	.028	.199	.099	.028	.192	.097	.028	.186	.095	.028	.180	.093	.027		
8.0	.189	.092	.026	.186	.091	.026	.180	.090	.026	.174	.088	.025	.168	.086	.025		
9.0	.177	.085	.024	.174	.085	.024	.168	.083	.024	.163	.082	.023	.158	.080	.023		
10.0	.166	.080	.022	.163	.079	.022	.158	.078	.022	.154	.076	.022	.149	.075	.022		

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	.196	.196	.196	.168	.168	.168	.114	.114	.114	.066	.066	.066	.021	.021	.021	
1.0	.187	.162	.139	.160	.139	.119	.109	.095	.083	.063	.055	.048	.020	.018	.016	
2.0	.179	.137	.102	.154	.118	.088	.105	.082	.062	.061	.048	.036	.019	.015	.012	
3.0	.172	.120	.079	.147	.104	.068	.101	.072	.048	.058	.042	.028	.019	.014	.009	
4.0	.164	.107	.063	.141	.092	.055	.097	.064	.039	.056	.038	.023	.018	.012	.007	
5.0	.157	.096	.052	.135	.083	.045	.093	.058	.032	.054	.034	.019	.017	.011	.006	
6.0	.149	.088	.044	.128	.076	.038	.089	.053	.027	.051	.031	.016	.017	.010	.005	
7.0	.143	.081	.038	.123	.070	.033	.085	.049	.024	.049	.029	.014	.016	.010	.005	
8.0	.136	.076	.034	.117	.066	.030	.081	.046	.021	.047	.027	.013	.015	.009	.004	
9.0	.130	.071	.031	.112	.061	.027	.077	.043	.019	.045	.025	.011	.015	.008	.004	
10.0	.124	.066	.028	.107	.058	.024	.074	.041	.017	.043	.024	.010	.014	.008	.003	

C Range: 0 - 360DEG=
C Interval: 22.5DEG=
Test Speed: HIGH=
Temperature:25.3DEG=
Test Date:2021-05-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446=
Humidity:65.0%
Test Distance:9.660m [K=1.0000]

UGR(Unified Glare Rating) Table

Test:U:24.001V I:0.2087A P:5.0090W PF:1.0000 Freq:0Hz Lamp Flux:235.015x1 lm										
NAME: CB-PXL-RGB					TYPE: LED Strip			WEIGHT:		
SPEC.: 12W					DIM.: 1000*10*2 (MM)			SERIAL No.: 001		
MFR.: Flexfire LEDs, Inc.					SUR.: 0.02*1*0.01			Shielding Angle: 120		
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	21.0	22.5	21.3	22.7	23.0	22.0	23.6	22.3	23.8	24.0
3H	22.3	23.7	22.6	23.9	24.2	23.6	25.0	23.9	25.3	25.6
4H	22.7	24.1	23.0	24.3	24.6	24.2	25.6	24.6	25.9	26.1
6H	23.0	24.3	23.3	24.5	24.8	24.7	26.0	25.0	26.3	26.6
8H	23.0	24.3	23.4	24.6	24.9	24.8	26.1	25.2	26.4	26.7
12H	23.1	24.3	23.5	24.6	24.9	24.9	26.1	25.3	26.4	26.7
4H 2H	21.6	23.0	22.0	23.3	23.5	22.4	23.8	22.8	24.1	24.4
3H	23.1	24.3	23.4	24.6	24.9	24.2	25.4	24.6	25.7	26.0
4H	23.6	24.7	24.0	25.0	25.4	24.9	26.0	25.3	26.4	26.7
6H	24.0	24.9	24.4	25.3	25.7	25.5	26.5	25.9	26.8	27.2
8H	24.1	25.0	24.5	25.4	25.8	25.7	26.6	26.1	27.0	27.4
12H	24.2	25.0	24.6	25.4	25.8	25.8	26.7	26.3	27.1	27.5
8H 4H	23.9	24.8	24.3	25.2	25.6	25.1	26.0	25.5	26.4	26.8
6H	24.3	25.1	24.8	25.5	26.0	25.7	26.5	26.2	26.9	27.4
8H	24.5	25.2	25.0	25.6	26.1	26.0	26.7	26.5	27.1	27.6
12H	24.7	25.2	25.1	25.7	26.2	26.2	26.8	26.7	27.3	27.8
12H 4H	23.9	24.7	24.3	25.1	25.5	25.0	25.9	25.5	26.3	26.7
6H	24.4	25.1	24.9	25.5	26.0	25.8	26.4	26.2	26.9	27.3
8H	24.6	25.2	25.1	25.7	26.1	26.0	26.6	26.5	27.1	27.6
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.2				
2.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.4				

CIE Pub.117, 235.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -5.0)
Area: 0.02 m2

C Range: 0 - 360DEG=
C Interval: 22.5DEG=
Test Speed: HIGH=
Temperature:25.3DEG=
Test Date:2021-05-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446=
Humidity:65.0%
Test Distance:9.660m [K=1.0000]

UTILIZATION FACTORS TABLE

Test:U:24.001V I:0.2087A P:5.0090W PF:1.0000 Freq:0Hz Lamp Flux:235.015x1 lm		
NAME: CB-PXL-RGB	TYPE: LED Strip	WEIGHT:
SPEC.: 12W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: 0.02*1*0.01	Shielding Angle: 120

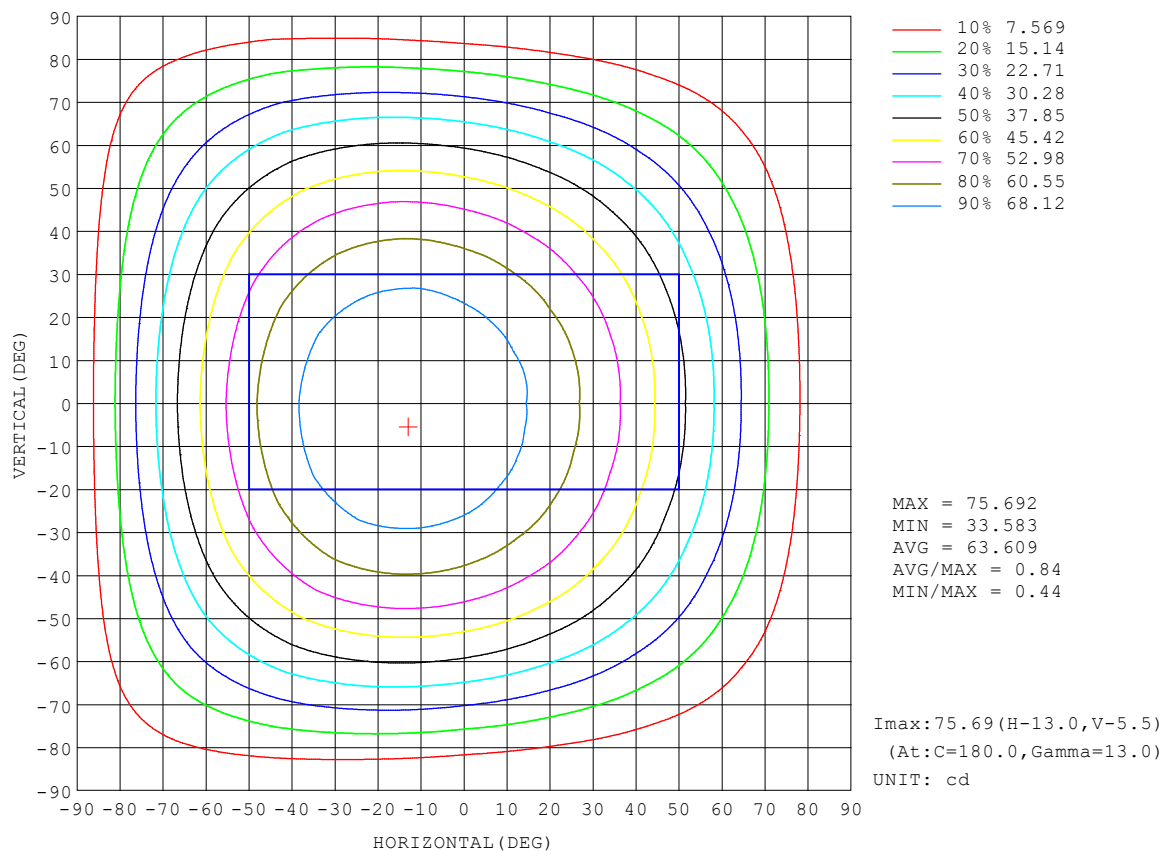
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	36	30
0.80	66	54	46	65	53	46	63	52	46	38
1.00	74	63	55	73	62	55	71	64	54	47
1.25	81	70	63	80	70	63	77	68	62	54
1.50	86	76	69	85	75	68	82	73	67	59
2.00	94	85	78	92	83	77	88	81	75	67
2.50	98	89	83	95	88	82	91	85	80	71
3.00	101	94	88	99	92	87	95	89	85	76
4.00	105	99	94	103	97	93	98	94	90	81
5.00	108	103	98	105	101	97	101	97	94	84
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=
 Test Date:2021-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446=
 Humidity:65.0%
 Test Distance:9.660m [K=1.0000]

ISOCANDELA DIAGRAM

Test:U:24.001V I:0.2087A P:5.0090W PF:1.0000 Freq:0Hz Lamp Flux:235.015x1 lm		
NAME: CB-PXL-RGB	TYPE: LED Strip	WEIGHT:
SPEC.: 12W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: 0.02*1*0.01	Shielding Angle: 120

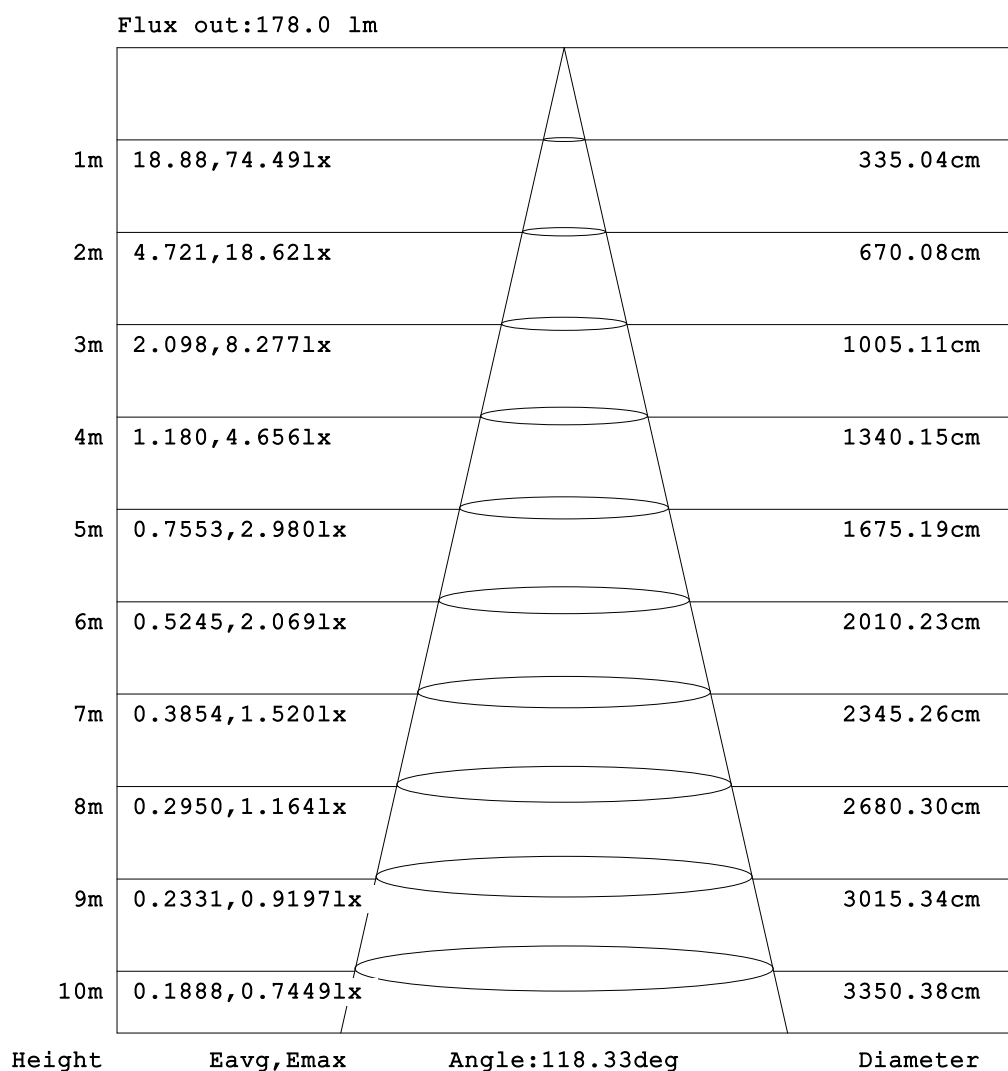


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Test Date:2021-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:9.660m [K=1.0000]

AAI Figure

Test:U:24.001V I:0.2087A P:5.0090W PF:1.0000 Freq:0Hz Lamp Flux:235.015x1 lm		
NAME: CB-PXL-RGB	TYPE: LED Strip	WEIGHT:
SPEC.: 12W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: 0.02*1*0.01	Shielding Angle: 120



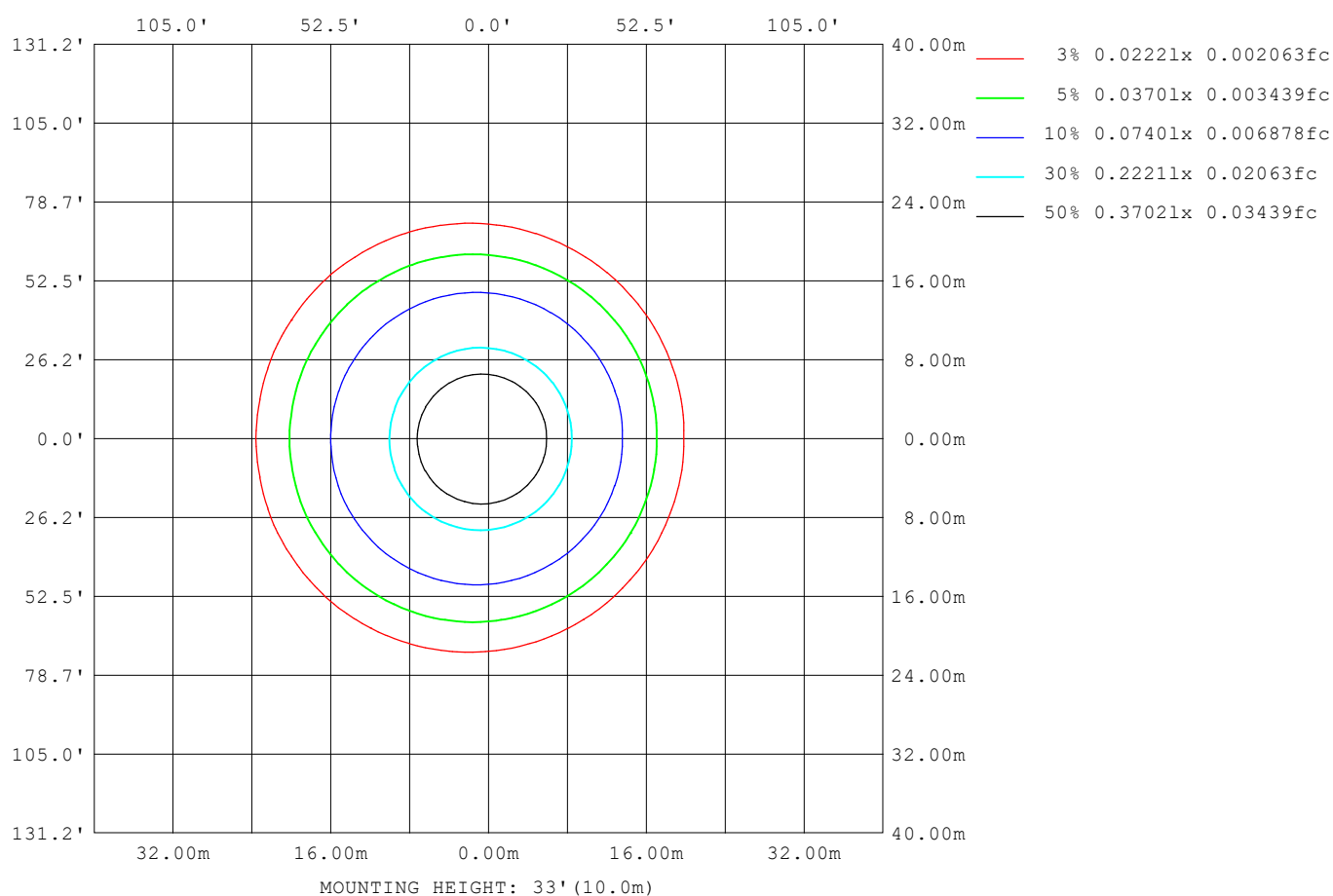
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Test Date:2021-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:9.660m [K=1.0000]

ISOLUX DIAGRAM

Test:U:24.001V I:0.2087A P:5.0090W PF:1.0000 Freq:0Hz Lamp Flux:235.015x1 lm		
NAME: CB-PXL-RGB	TYPE: LED Strip	WEIGHT:
SPEC.: 12W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: 0.02*1*0.01	Shielding Angle: 120



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Test Date: 2021-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 9.660m [K=1.0000]

LED Avg.L Report

Test:U:24.001V I:0.2087A P:5.0090W PF:1.0000 Freq:0Hz Lamp Flux:235.015x1 lm		
NAME: CB-PXL-RGB	TYPE: LED Strip	WEIGHT:
SPEC.: 12W	DIM.: 1000*10*2 (MM)	SERIAL No.: 001
MFR.: Flexfire LEDs, Inc.	SUR.: 0.02*1*0.01	Shielding Angle: 120

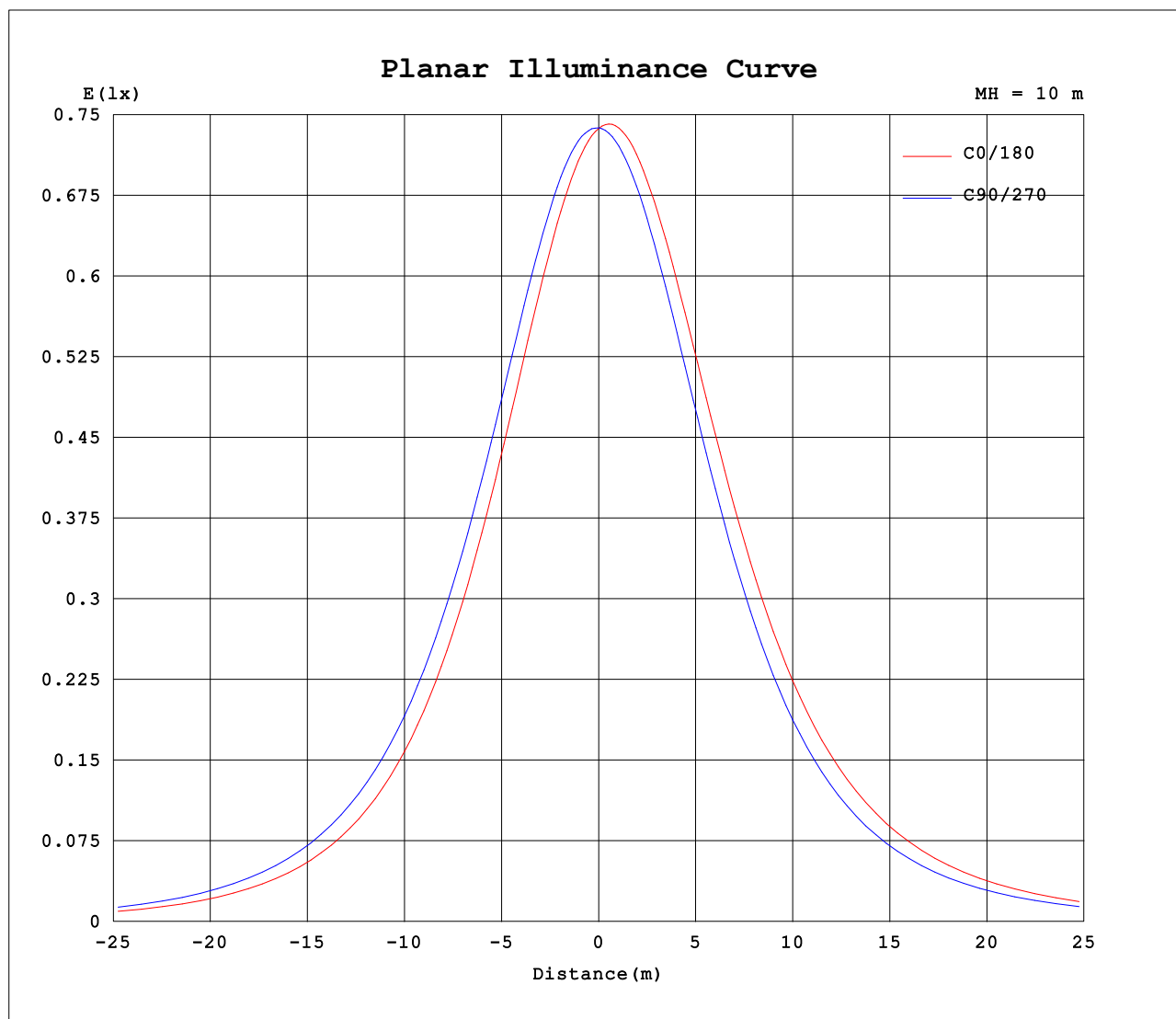
AvgL	cd/m2
L_0~180 (65) av	3697
L_0~180 (75) av	3435
L_0~180 (85) av	3447
L_90~270 (65) av	3603
L_90~270 (75) av	3281
L_90~270 (85) av	2999
L_45 (65) av	3664
L_45 (75) av	3373
L_45 (85) av	3226

Standard: GB/T 29293-2012

C Range: 0 - 360DEG=
C Interval: 22.5DEG=
Test Speed: HIGH=
Temperature:25.3DEG=
Test Date:2021-05-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446=
Humidity:65.0%
Test Distance:9.660m [K=1.0000]

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Test Date: 2021-05-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 9.660m [K=1.0000]

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.001V I:0.2087A P:5.0090W PF:1.0000 Freq:0Hz Lamp Flux:235.015x1 lm									
NAME: CB-PXL-RGB					TYPE: LED Strip			WEIGHT:	
SPEC.: 12W					DIM.: 1000*10*2 (MM)			SERIAL No.: 001	
MFR.: Flexfire LEDs, Inc.					SUR.: 0.02*1*0.01			Shielding Angle: 120	

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	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8			
5	72.3	72.5	72.8	73.3	73.9	74.2	74.7	74.9	74.9	74.8	74.4	74.0	73.5	73.0	72.6	72.4			
10	70.3	70.7	71.3	72.2	73.4	74.1	75.0	75.4	75.5	75.2	74.4	73.8	72.6	71.7	70.9	70.5			
15	68.0	68.4	69.3	70.7	72.3	73.6	75.0	75.4	75.5	75.2	74.0	72.9	71.3	69.9	68.8	68.1			
20	65.2	65.7	67.0	68.6	70.8	72.5	74.3	74.9	75.1	74.7	73.1	71.6	69.5	67.7	66.3	65.4			
25	61.9	62.6	64.1	66.2	68.7	70.8	73.1	73.9	74.1	73.6	71.7	69.8	67.3	65.1	63.3	62.2			
30	58.3	59.0	60.7	63.1	66.0	68.6	71.2	72.3	72.5	71.8	69.8	67.4	64.6	62.0	60.0	58.7			
35	54.2	55.0	56.9	59.5	62.7	65.7	68.6	69.9	70.2	69.5	67.2	64.5	61.3	58.4	56.1	54.6			
40	49.7	50.6	52.5	55.3	58.8	62.1	65.3	66.9	67.2	66.4	63.9	61.0	57.5	54.3	51.8	50.3			
45	44.8	45.7	47.7	50.6	54.2	57.8	61.3	63.0	63.4	62.5	60.0	56.9	53.1	49.8	47.2	45.5			
50	39.5	40.3	42.3	45.3	49.0	52.8	56.4	58.3	58.9	58.0	55.4	52.0	48.3	44.8	42.1	40.3			
55	34.0	34.7	36.6	39.5	43.2	47.1	50.8	52.8	53.5	52.6	50.1	46.7	42.8	39.3	36.6	34.8			
60	28.1	28.7	30.5	33.3	36.8	40.7	44.4	46.6	47.3	46.5	44.1	40.8	37.0	33.5	30.8	28.9			
65	22.1	22.5	24.1	26.8	30.1	33.8	37.3	39.5	40.4	39.7	37.6	34.4	30.8	27.4	24.8	23.0			
70	16.2	16.5	17.8	20.2	23.1	26.6	29.9	31.9	32.9	32.3	30.6	27.6	24.4	21.2	18.7	17.0			
75	10.6	10.9	11.8	13.8	16.2	19.3	22.0	24.0	25.0	24.1	23.2	20.7	17.8	15.0	12.8	11.4			
80	5.91	5.90	6.53	7.82	9.59	12.0	14.2	15.9	16.9	16.4	15.9	13.9	11.6	9.40	7.66	6.54			
85	2.67	2.52	2.83	3.32	4.25	5.51	7.02	8.28	9.35	8.95	8.96	7.81	6.20	4.82	3.68	3.12			
90	0.41	0.49	0.78	0.96	1.42	1.63	1.93	2.20	2.28	2.99	3.33	3.00	2.26	1.75	1.22	0.94			
95	0.14	0.15	0.26	0.23	0.55	0.45	0.46	0.14	0.09	0.34	0.39	0.55	0.45	0.40	0.23	0.24			
100	0.14	0.20	0.18	0.15	0.21	0.14	0.15	0.12	0.12	0.11	0.12	0.11	0.12	0.15	0.14	0.15			
105	0.14	0.20	0.17	0.17	0.15	0.15	0.11	0.15	0.12	0.11	0.14	0.11	0.14	0.15	0.15	0.15			
110	0.17	0.24	0.17	0.20	0.15	0.17	0.11	0.17	0.15	0.11	0.15	0.11	0.17	0.15	0.20	0.18			
115	0.23	0.26	0.21	0.23	0.17	0.21	0.11	0.20	0.18	0.11	0.17	0.11	0.23	0.15	0.21	0.21			
120	0.21	0.27	0.24	0.24	0.17	0.23	0.14	0.23	0.20	0.11	0.20	0.11	0.24	0.18	0.24	0.24			
125	0.23	0.29	0.26	0.27	0.21	0.24	0.20	0.24	0.23	0.11	0.21	0.17	0.26	0.20	0.26	0.24			
130	0.23	0.29	0.26	0.29	0.24	0.26	0.21	0.26	0.24	0.17	0.23	0.21	0.26	0.20	0.29	0.24			
135	0.24	0.29	0.26	0.30	0.24	0.27	0.24	0.27	0.26	0.21	0.24	0.23	0.29	0.24	0.32	0.24			
140	0.24	0.29	0.26	0.30	0.26	0.30	0.26	0.29	0.27	0.21	0.24	0.26	0.29	0.26	0.33	0.24			
145	0.24	0.29	0.27	0.33	0.26	0.32	0.26	0.30	0.29	0.21	0.24	0.26	0.30	0.26	0.33	0.24			
150	0.24	0.29	0.27	0.35	0.26	0.32	0.26	0.30	0.29	0.21	0.24	0.26	0.30	0.26	0.33	0.24			
155	0.26	0.29	0.27	0.36	0.26	0.32	0.26	0.30	0.29	0.21	0.24	0.26	0.30	0.26	0.33	0.24			
160	0.27	0.29	0.29	0.36	0.26	0.32	0.26	0.30	0.29	0.23	0.24	0.26	0.30	0.26	0.33	0.26			
165	0.27	0.29	0.29	0.35	0.27	0.32	0.26	0.30	0.29	0.23	0.24	0.26	0.30	0.27	0.33	0.27			
170	0.27	0.29	0.30	0.35	0.29	0.32	0.27	0.30	0.29	0.24	0.30	0.26	0.30	0.27	0.33	0.27			
175	0.27	0.29	0.33	0.36	0.29	0.32	0.27	0.30	0.29	0.27	0.30	0.26	0.30	0.27	0.33	0.29			
180	0.29	0.29	0.33	0.36	0.30	0.32	0.29	0.30	0.29	0.29	0.30	0.29	0.30	0.30	0.33	0.29			

C Range: 0 - 360DEG=
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