N2
BL Flexform

Flexible, Linear LED Strip Lighting
Monochromatic, 24VDC, Constant Voltage

BL **LIGHTING**
SINCE 1986

Delivering up to 183 lm/FT in a narrow 11/64" (4.5mm) profile, our flexible, dimmable, slim LED ribbon seamlessly integrates into the most detailed designs. Add architectural accents to niches, coves, bar shelving and displays, in commercial, residential, and retail environments. Available in IP20 or IP65 rated for wet locations, N2 is compatible with BL Fixform Profiles, and UL listed, custom lengths ship within 1–2 days!

Up to 183 lm/ft	**1.85W/FT**	**90+ CRI**	**Quick Ship**	**Ultra Slim Design**

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Product Detail

IP20 IP65 LOW DIM Bluetooth

CE RoHS c UL us LISTED 5 YEAR WARRANTY

Lighting	Number of LED's	18 Diodes/FT (60/m)
	Lamp	SMD 3528
	Beam Angle	120º
	Average Life	50,000 Hours
	CCT Binning	SDCM <3 LED's
Electrical	Controls	0-10V, MLV, ELV, Phase-Cut, Triac, DMX, Bluetooth
	Input Voltage	24VDC
	Max Input Current	5A
	Connections	20AWG, Copper Conductors
	Circuit	Class 2
Mechanical	Housing Construction	Flexible PCB Board, Silicone Jacket
	Mounting Options	Clips, Channel, Adhesive
Environmental	Ingress Protection	IP20, IP65
	Certifications	cULus, CE, RoHS Compliant
	Operating Temperature	-4ºF to 104ºF (-20ºC to 40ºC)

Performance

CCT/Color		2700K	3000K	3500K	4000K
Power	W/FT (W/m)	1.85(6.1)			
Lumens	lm/FT (lm/m)	180 (591)	180 (591)	182 (597)	183 (600)
Efficacy	lm/W	98	98	98	100
CRI	CRI	90+			
Increment	inch (mm)	1.96 (50)			
Max. Length	ft (m)	32ft 8in (10m)			

Ordering

Product Code	Series	CCT	Input Voltage	IP Rating
N2	F		24	
		2700K		IP20
		3000K		IP65
		3500K		
		4000K		

Dimensions

A Width
B Increment
C Termination Kit
D Height

Section		A	B	C	D
		inch (mm)			
	DRY(IP20)	0.18 (4.5)	1.96 (50)	10ft(3m)	0.05 (1.3)
	DMP(IP65)	0.24 (6)	1.96 (50)		0.16 (4)

Solid State Lighting is sensitive to power fluctuations. Surge protection is highly recommended for all LED lighting products and should be on a dedicated circuit to protect against premature failure. Lack of surge protection may void your warranty.

Designed & Assembled in North America.

Specifications subject to change without notice. Please refer to our website at bllighting.com for current technical data.

For more information, please download the BL LIGHTING catalog

bllighting.com

Compatible Profile

- *Compatibility chart is for DRY (IP20) tape only*

- *Measurements in inch (mm)*

Dotting Table:

A = No visible dots

B = Slight visible dots

C = Clear visible dots

Suface Mount

Profile	Description	Dimensions	Dotting
SN1008	BL Fixform	0.34 (8.5) × 0.39 (10)	A — Spec Sheet
S2222	BL Fixform	0.78 (19.8) × 0.77 (19.5)	A — Spec Sheet
S2232	BL Fixform	1.20 (30.4) × 0.77 (19.5)	A — Spec Sheet
S2221	BL Fixform	0.77 (19.5) × 0.77 (19.5)	A — Spec Sheet
S1507	BL Fixform	0.28 (7) × 0.43 (11)	C — Spec Sheet
S1709	BL Fixform	0.32 (8.2) × 0.68 (17.4)	C — Spec Sheet
S1617	BL Fixform	0.63 (16) × 0.69 (17.5)	A — Spec Sheet
S4930	BL Fixform — Requires 2 LED Strips	1.26 (32) × 1.97 (50)	A — Spec Sheet
S2215	BL Fixform — 30° Beam Spread Lens Optic	0.65 (16.6) × 0.77 (19.5)	C — Spec Sheet
R3314	BL Fixform — 45° Angle Frosted Optic	1.30 (33) / 0.59 (15) / 1.06 (27)	B — Spec Sheet
SD1616	BL Fixform — Double Sided Frosted Lens Optic	0.63 (16) × 0.63 (16)	B — Spec Sheet
SS1616	BL Fixform — 45° Angle Frosted Optic	0.63 (16) × 0.63 (16)	B — Spec Sheet

Solid State Lighting is sensitive to power fluctuations. Surge protection is highly recommended for all LED lighting products and should be on a dedicated circuit to protect against premature failure. Lack of surge protection may void your warranty.

Designed & Assembled in North America.

Specifications subject to change without notice. Please refer to our website at bllighting.com for current technical data.
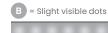
For more information, please download the BL LIGHTING catalog

bllighting.com

N2

BL Flexform

BL LIGHTING
SINCE 1986

Compatible Profile

- *Compatibility chart is for DRY (IP20) tape only*

- *Measurements in inch (mm)*

Dotting Table:

A = No visible dots

B = Slight visible dots

C = Clear visible dots

Recessed Mount

RN1309
BL Fixform

0.50 (12.8)
0.35 (9)
0.31 (8)

Dotting **A**
Spec Sheet

RN1007
BL Fixform
Black Recessed Channel

0.29 (7.3)
0.36 (9.3)
0.21 (5.3)

Dotting **A**
Spec Sheet

R2626
BL Fixform
In-Floor Profile

1.02 (26)
1.02 (26)

Dotting **A**
Spec Sheet

RS2811
BL Fixform
3/8" Recess Depth

1.10 (28.1)
0.43 (11)
0.92 (23.5)

Dotting **B**
Spec Sheet

R2416
BL Fixform
Ceiling Flanged Extrusion

0.95 (24)
0.79 (20)
0.69 (17.5)

Dotting **B**
Spec Sheet

R4435
BL Fixform
Ceiling Flanged Extrusion

1.73 (44)
1.38 (35)
1.38 (35)

Dotting **A**
Spec Sheet

RT2414
BL Fixform
Mud-In Drywall Channel

2.82 (71.6)
0.58 (14.7)
1.24 (31.6)

Dotting **C**
Spec Sheet

Specialty

ST5921
BL Fixform

2.32 (59.1)
0.85 (21.7)

Dotting **B**
Spec Sheet

Suspended

SP2020
BL Fixform
Suspended and Surface
Mount Options Available

0.79 (20)
0.79 (20)

Dotting **A**
Spec Sheet