

BL flexFORM N2

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



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, BL flexFORM 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



| | | |
|---------------|-----------------------|---|
| Lighting | Number of LED's | 18 Diodes/FT (60/m) |
| | Lamp | SMD 3528 |
| | Beam Angle | 120° |
| | 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 |
| Mechanical | Circuit | Class 2 |
| | Housing Construction | Flexible PCB Board, Silicone Jacket |
| | Mounting Options | Clips, Channel, Adhesive |
| Environmental | Ingress Protection | IP20, IP65 |
| | Certifications | cULus, CE, RoHS Compliant |
| | Operating Temperature | -4°F to 104°F (-20°C to 40°C) |

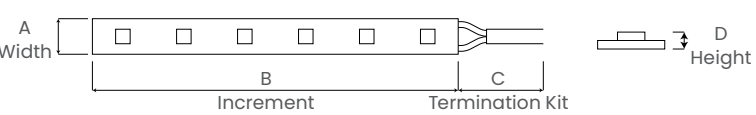
Performance

| 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 - 15/16 (50) | | | |
| Max. Length | ft (m) | 32ft 8in (10m) | | | |

Ordering

| Product Code | CCT | IP Rating | Profile |
|----------------|-------|-----------|---------|
| BL flexFORM N2 | | | |
| | 2700K | IP20 | |
| | 3000K | IP65 | |
| | 3500K | | |
| | 4000K | | |

Dimensions



| 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) |

BL LIGHTING ILLUMINATE EVERYTHING

111 - 8838 Heather St. Vancouver, BC, Canada. V6P 3S8
P: 1-604-874-4405 E: info@bllighting.com
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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

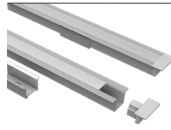

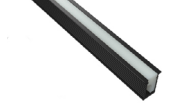



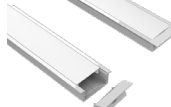

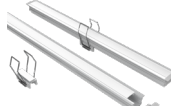

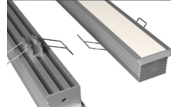



B = Slight visible dots

C = Clear visible dots

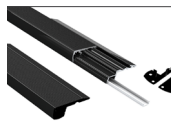

Surface Mount

| | | | | |
|--|---|--|---------------------|----------------------------|
|  | BL fixFORM SF Narrow Square |  0.39 (10) 0.34 (8.5) | Dotting A | Spec Sheet |
|  | BL fixFORM SF Square 2222 |  0.77 (19.5) 0.78 (19.8) | Dotting A | Spec Sheet |
|  | BL fixFORM SF Rectangle 2232 |  0.77 (19.5) 1.20 (30.4) | Dotting A | Spec Sheet |
|  | BL fixFORM SF Round 2221 |  0.77 (19.5) 0.77 (19.5) | Dotting A | Spec Sheet |
|  | BL fixFORM SF Shallow 1709 |  0.68 (17.4) 0.32 (8.2) | Dotting C | Spec Sheet |
|  | BL fixFORM SF Square 1617 |  0.69 (17.5) 0.63 (16) | Dotting A | Spec Sheet |
|  | BL fixFORM SF Wide 4930 Requires 2 LED Strips |  1.97 (50) 1.26 (32) | Dotting A | Spec Sheet |
|  | BL fixFORM SF Focus Beam 30° Beam Spread Lens Optic |  0.77 (19.5) 0.65 (16.6) | Dotting C | Spec Sheet |
|  | BL fixFORM SF Single Side 45 45° Angle Frosted Optic |  0.73 (18.5) 0.72 (18.5) | Dotting B | Spec Sheet |
|  | BL fixFORM SF Single Side 45 1616 45° Angle Frosted Optic |  0.63 (16) 0.63 (16) | Dotting B | Spec Sheet |
|  | BL fixFORM SF Double Side 45 Double Sided Frosted Lens Optic |  0.63 (16) 0.63 (16) | Dotting B | Spec Sheet |

Recessed Mount

| | | | | |
|--|---|--|---------------------|----------------------------|
|  | BL fixFORM Recessed Narrow 1309 |  0.50 (12.8) 0.31 (8) 0.35 (9) | Dotting A | Spec Sheet |
|  | BL fixFORM Recessed Nano 1007 Black Recessed Channel |  0.29 (7.3) 0.21 (5.3) 0.36 (9.3) | Dotting A | Spec Sheet |
|  | BL fixFORM Recessed 2626 In-Floor Profile |  1.02 (26) 1.02 (26) | Dotting A | Spec Sheet |
|  | BL fixFORM Recessed Shallow 2811 3/8" Recess Depth |  1.10 (28.1) 0.92 (23.5) 0.43 (11) | Dotting B | Spec Sheet |
|  | BL fixFORM Recessed 2416 Ceiling Flanged Extrusion |  0.95 (24) 0.69 (17.5) 0.79 (20) | Dotting B | Spec Sheet |
|  | BL fixFORM Recessed 4435 Ceiling Flanged Extrusion |  1.73 (44) 1.36 (35) 1.38 (35) | Dotting A | Spec Sheet |
|  | BL fixFORM Recessed Trimless 2414 Mud-In Drywall Channel |  2.82 (71.6) 1.24 (31.6) 0.83 (21.7) | Dotting C | Spec Sheet |

Specialty

| | | | | |
|--|---------------------------------|--|---------------------|----------------------------|
|  | BL fixFORM Stair Nose |  2.32 (59.1) 0.85 (21.7) | Dotting B | Spec Sheet |
|--|---------------------------------|--|---------------------|----------------------------|

Suspended

| | | | | |
|--|---|--|---------------------|----------------------------|
|  | BL fixFORM SP Round 2020 Suspended and Surface Mount Options Available |  0.79 (20) 0.79 (20) | Dotting A | Spec Sheet |
|--|---|--|---------------------|----------------------------|

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