BL flexFORM D2

Product Detail

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



Delivering up to 240 Im/FT, and certified for indoor and outdoor use, our flexible, dimmable, LED ribbon has a high density of LEDs and a cutting increment of less than 2", for integration into the most detailed designs. Add architectural accents to coves, under cabinets, bar shelving and displays, in commercial, residential, and retail environments. BL flexFORM D2 is available in IP20 or IP65 rated for wet locations, is compatible with BL fixFORM Profiles, UL listed and Title 24 JA8 compliant, custom lengths typically ship within 1-2 days!

| CLIENT | |
|--------------|--|
| PROJECT NAME | |
| LOCATION | |
| DATE | |

Up to 240 lm/ft 3W/FT 90+ CRI Ouick Ship Title 24 Compliant

| | | | | _ | | Number of LED's | 36 Diodes/FT (118/m) |
|------|------|--------|------------------|------------------|---------------|-----------------------|---|
| 00 | 00 | LOW | \bigcirc | * | | Lamp | SMD 3528 |
| IP20 | IP65 | LOW | DIM | Bluetooth | Lighting | Beam Angle | 120° |
| () | RoHS | | TITLE 24 | 5 | | Average Life | 50,000 Hours |
| | Kono | LISTED | JA8 COMPLIANT | YEAR WARRANTY | | CCT Binning | SDCM <3 LED's |
| | | | | | | Controls | 0-10V, MLV, ELV, Phase-Cut, Triac, DMX, Bluetooth |
| | | | | | | Input Voltage | 24VDC |
| | | | | | Electrical | Max Input Current | 5A |
| | | | | | | Connections | 20AWG, Copper Conductors |
| | | | | | | Circuit | Class 2 |
| | | | | | Mechanical | Housing Construction | Flexible PCB Board, Silicone Jacket |
| | | | | | Weenanical | Mounting Options | Clips, Channel, Adhesive |
| | | | | | | Ingress Protection | IP20, IP65 |
| | | | | | Environmental | Certifications | cULus, CE, RoHS Compliant, Title 24 JA8 Compliant |
| | | | | | | Operating Temperature | -4°F to 104°F (-20°C to 40°C) |

Performance

| CCT/Color | | 2400K | 2700K | 3000K | 3500K | 4000K | 5500K | Red | Green | Blue | Amber |
|-------------|--------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|----------------|----------|
| Power | W/FT (W/m) | 3.0(9.9) | | | | | | 3.1(10.2) | 3.3(10.8) | 3.4(11.2) | 2.8(9.2) |
| Lumens | lm/FT (lm/m) | 162 (531) | 179 (587) | 209 (685) | 250 (820) | 236 (774) | 227 (744) | 30 (98) | 114 (374) | 36 (118) | 50 (164) |
| Efficacy | lm/W | 54 | 60 | 70 | 83 | 79 | 76 | 10 | 35 | 11 | 18 |
| CRI | CRI | 90+ | | | | | | | - | - | - |
| Increment | inch (mm) | 1 - 15/16 (50) | | | | | | | | | |
| Max. Length | ft (m) | 32ft 8in (10m) | | | | | | | 29ft (8.8m) | 32ft 8in (10m) | |

Dimensions Ordering CCT/Color Product Code IP Rating Profile _____ → υ Height А Width **BL flexFORM D2** B С Increment **Termination Kit** IP20 2400K IP65 2700K D Α в С Section 3000K inch (mm) 3500K DRY(IP20) 0.31 (8.0) 1.96 (50) 0.06 (1.6) 10ft(3m) 4000K DMP(IP65) 0.55 (14) 1.96 (50) 0.2 (4.5) 5500K Red Green Blue Amber For more information **BL LIGHTING** 回認

ILLUMINATE EVERYTHING

111 - 8838 Heather St. Vancouver, BC. Canada. V6P 3S8 P: 1-604-874-4405 E: info@bllighting.com Copyright © BL INNOVATIVE LIGHTING. All Rights Reserved. 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 prema-ture failure. Lack of surge protection may void your warranty. Designed & Assembled in North America.

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C = Clear visible dots

1.02 (26)

1.38 (35)

1.10 (28.1)

0.92 (23.5)

1.38 (35)

2.82 (71.6)

1.24 (31.6)

2.32 (59.1)

 ~~

Dotting

A Spec Sheet

Dotting

Spec Sheet

Dotting

A

Spec Sheet

Dotting

Spec Sheet

Dotting

Spec Sheet

0.58 (14.7)

| Compatible Pro | ofile | | | | |
|---------------------|--|---------------------------|----------------------------|-----------------------|--|
| Measurements in inc | ch (mm) | | Dotting Table: | A = No visible dots | B = Slight visible dots |
| Suface Mount | | | | Recessed Mount | |
| | BL fixFORM SF Channel | 0.77 (19.5) | Dotting C Spec Sheet | | BL fixFORM Recessed 2626 In-Floor Profile |
| | BL fixFORM SF Square | (8 6) 82'0 0.77 (19.5) | Dotting A Spec Sheet | | BL fixFORM Recessed Shallow 2811 3/8" Recess Depth |
| | BL fixFORM SF Rectangle | (P0E) 071 0.77 (19.5) | Dotting A Spec Sheet | | BL fixFORM Recessed 4435 Ceiling Flanged Extrusion |
| | bl fixform SF Round | (ISB)/// 0.77 (19.5) | Spec Sheet | | BL fixFORM Recessed Trimless 2414 |
| to to | BL fixFORM SF Shallow 1709 | 0.68 (17.4) | Dotting C Spec Sheet | Stair Nose | |
| | BL fixFORM SF Focus Beam 30° Beam Spread Lens Optic | 0.77 (19.5) | C C Spec Sheet | | BL fixFORM Stair Nose |
| | BL fixFORM SF Single Side 45 45° Angle Frosted Optic | 0.73 (18.5) | Spec Sheet | | |
| | BL fixFORM SF Double Side 45 Double Sided Frosted Lens Optic | 0.63 ((f)) | Dotting A Spec Sheet | | |

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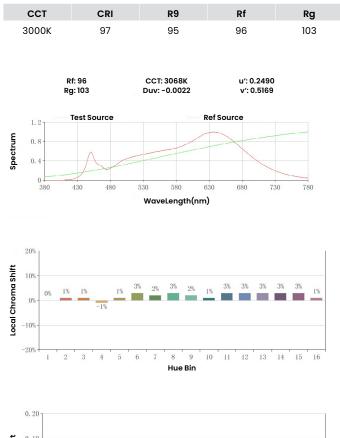
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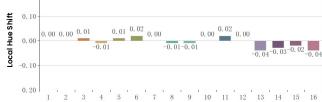
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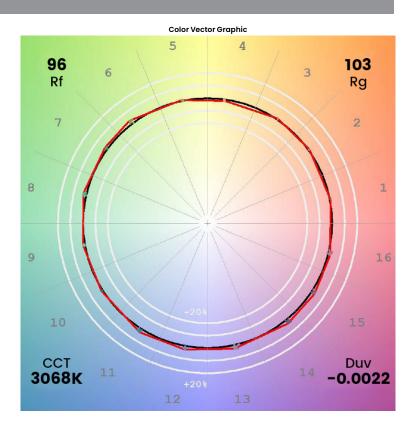


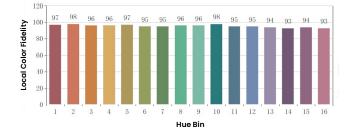
Colorimetric Details

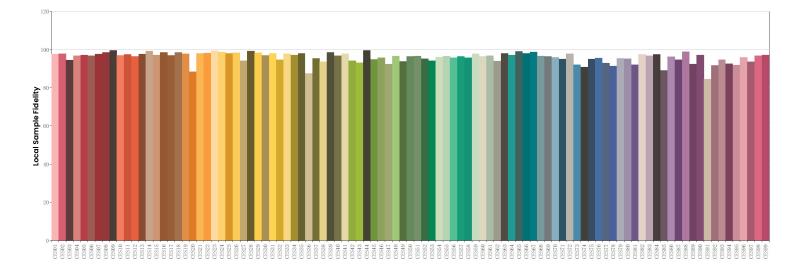




11 12 13 5 6 7 8 9 10 14 Hue Bin







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