BL LIGHTING
SINCE 1986

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

D2 Series

Printed

Certification

IP20   IP65   IP68   0-10V   MLV   LOW   c UL us LISTED

Lighting

2000K 2400K 2700K 3000K 3500K 4000K 5500K Red Green Blue Amber

Lamp	LED, SMD 3528, 36 Diodes/FT
CRI	90+
Load	2.6 - 3.4W/FT
Beam Angle	120°
Average Life	50,000 Hours
Lumens	236 lm/FT (4K)
Efficacy	91 lm/W (4K)

Electrical

Control	0-10V, MLV Dimming
Input Voltage	24VDC
Max Input Current	5A
Connections	20AWG, Copper Conductors
Operating Temperature	-4°F to 104°F (-20°C to 40°C)
Circuit	Class 2

Mechanical

Housing Construction	Flexible PCB Board, Silicone Jacket
Cutting Increments	1 - 15/16" (5cm)
Maximum Run Length	32' - 8" (10M), Except Blue (29')
Environmental	IP20, IP65, IP68
Mounting	Clip, Adhesive, Double Sided Tape
	Compatible with **BL fixFORM** Series

Accessories

BL flexFORM D2 TK	Termination Kit, Factory Installed
BL flexFORM D2 JC	Jumper Cable, Factory Installed

PROJECT

CLIENT

TYPE

For more information, please download the
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Performance

CCT/Color	Load	Lumens	Efficacy
2000K	3.50 W/FT	149 lm/FT	42 lm/W
2400K	2.60 W/FT	162 lm/FT	62 lm/W
2700K	2.60 W/FT	179 lm/FT	69 lm/W
3000K	2.60 W/FT	209 lm/FT	80 lm/W
3500K	2.93 W/FT	250 lm/FT	85 lm/W
4000K	2.60 W/FT	236 lm/FT	91 lm/W
5500K	3.00 W/FT	227 lm/FT	76 lm/W
Red	3.10 W/FT	15 lm/FT	5 lm/W
Green	3.30 W/FT	57 lm/FT	17 lm/W
Blue	3.40 W/FT	18 lm/FT	5 lm/W
Amber	2.80 W/FT	25 lm/FT	9 lm/W

Ordering

Series	CCT/Color*	Ingress Protection*
BL flexFORM D2		

20 = 2000K
24 = 2400K
27 = 2700K
30 = 3000K
35 = 3500K
40 = 4000K
55 = 5500K
RD = Red
GN = Green
BE = Blue
AR = Amber

20 = IP20
65 = IP65
68 = IP68

* IP20 and IP68 colors are available only in 3K and 4K

Dimensions

IP20

1.6
[0.06 "]

8.0
[0.31 "]

50
[1 $\frac{31}{32}$ "]

IP65, IP68

4.5
[0.2 "]

14.0
[$\frac{9}{16}$ "]

50
[1 $\frac{31}{32}$ "]
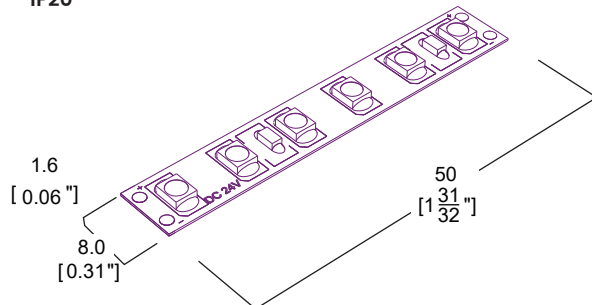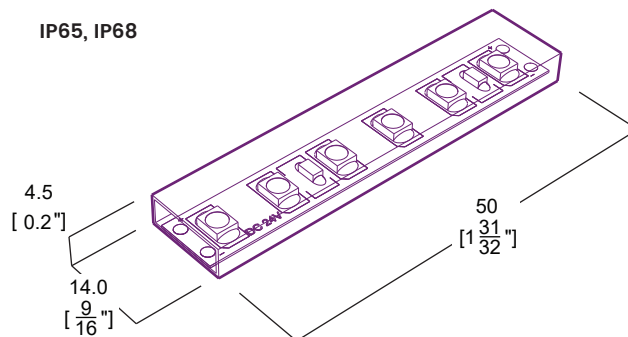
PROJECT	CLIENT	TYPE

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

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