HED9

BL Flexform

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

BL LIGHTING SINCE 1986

HED9 delivers up to 919lm/ft, combining high efficacy with bright, even illumination. High-density LEDs and CRI90+ color rendering ensure natural, vibrant lighting for coves, shelving, displays, and under-cabinet spaces. Operating at 24VDC, **HED9** pairs with BL Fixform profiles for flexible installation. Available in dry and wet location options, **HED9** enhances commercial, residential and retail environments indoors and outdoors, creating inviting spaces with visual impact. UL listed, with custom lengths shipping within 1–2 days.

Up to 919 lm/ft | **High Efficacy - Up to 157lm/W** | **5.85 W/FT** | **90+ CRI** | **Quick Ship**

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Product Detail

IP20 DMX DIM Bluetooth 5 YEAR WARRANTY

IP65 CE RoHS c UL us LISTED

Lighting	Lamp	SMD 2835
	Number of LED's	49 Diodes/FT (160/m)
	Beam Angle	120°
	Average Life	50,000 Hours
	CCT Binning	ANSI<3, SDCM<5
Electrical	Controls	0-10V, MLV, ELV, Phase-Cut, Triac, DMX, Bluetooth
	Input Voltage	24VDC
	Max Input Current	4A
	Connections	20AWG, Copper Conductors
	Circuit	Class 2
Mechanical	Housing Construction	Flexible PCB Board, Silicone Jacket
	Mounting Options	Channel
Environmental	Operating Temperature	-4°F to 113°F (-20°C to 45°C)
	Ingress Protection	IP20, IP65
	Certifications	cULus, CE, RoHS Compliant

Performance

CCT/Color		2400K	2700K	3000K	3500K	4000K	5000K	6500K
Power	W/FT (W/m)	5.85 (19.2)						
Lumens	lm/FT (lm/m)	837 (2746)	854 (2803)	866 (2842)	878 (2880)	919 (3014)	919 (3014)	896 (2938)
Efficacy	lm/W	143	146	148	150	157	157	153
CRI	CRI	90+						
Increment	inch (mm)	1.97 (50)						
Max. Length	ft (m)	15 ft(4.58)						

Ordering

Product Code	Series	CCT	Input Voltage	IP Rating
HED9	F	2400K	24	IP20
		2700K		IP65
		3000K		
		3500K		
		4000K		
		5000K		
		6500K		

Dimensions

Section		A	B	C	D
		inch (mm)			
	DRY(IP20)	0.40 (10.1)	1.96 (50)	-	0.06 (1.5)
	DMP(IP65)	0.57 (14.5)	1.96 (50)	0.63 (16)	0.24 (6)

BL LIGHTING
ILLUMINATE EVERYTHING

111 - 8838 Heather St. Vancouver, BC. Canada. V6P 3S8
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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

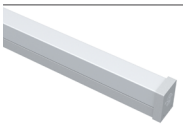
Surface Mount

CH2212
BL Fixform

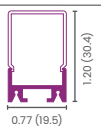
Dotting C
Spec Sheet

S2222
BL Fixform

Dotting A
Spec Sheet



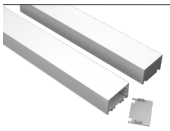
S2232
BL Fixform



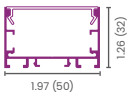
Dotting A
Spec Sheet

S2221
BL Fixform

Dotting A
Spec Sheet



S4930
BL Fixform
Requires 2 LED Strips



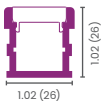
Dotting A
Spec Sheet

S2215
BL Fixform
30° Beam Spread Lens Optic

Dotting C
Spec Sheet

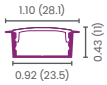
Recessed Mount

R2626
BL Fixform
In-Floor Profile

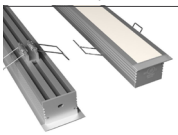


Dotting A
Spec Sheet

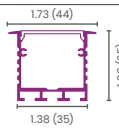
RS2811
BL Fixform
3/8" Recess Depth



Dotting B
Spec Sheet

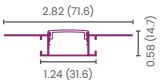


R4435
BL Fixform
Ceiling Flanged Extrusion



Dotting A
Spec Sheet

RT2414
BL Fixform
Mud-In Drywall Channel



Dotting C
Spec Sheet

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