

Project

Type

Prepared By

Date



ETL



Features & Performance

Engineered to endure the most extreme environments, the V9 Harsh Environment Linear delivers uncompromising durability and high-temperature resistance, backed by a full suite of rigorous certifications. Rated IP69K, IK10, and NSF-certified, it confidently withstands high-pressure washdowns, thermal shock, and chemical exposure; making it the ideal solution for food processing, industrial, agricultural, and other demanding applications.

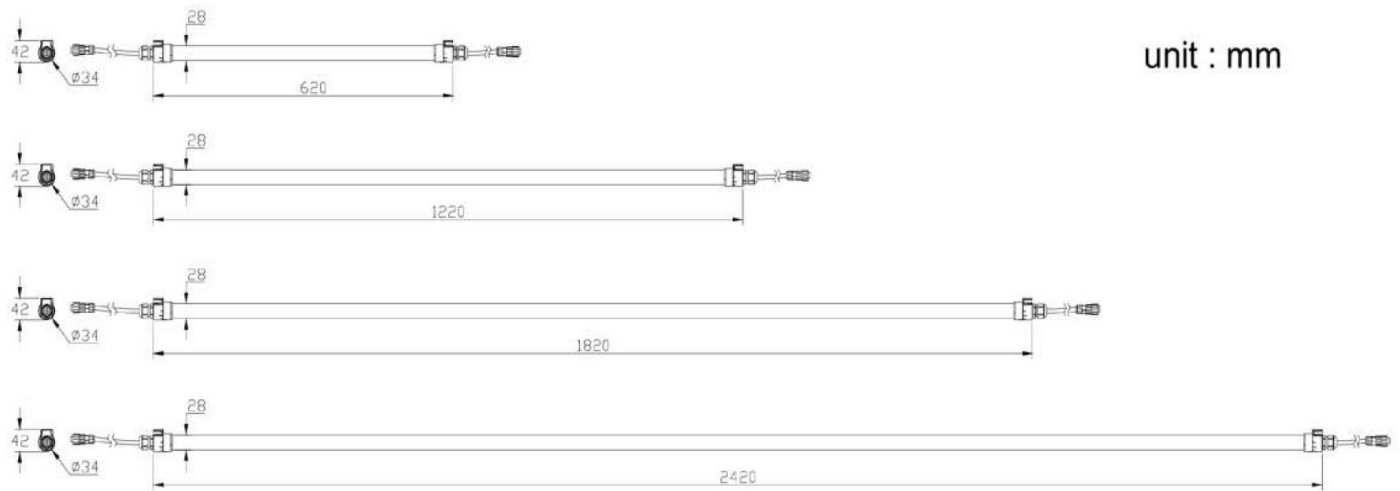
The resilient, low-profile design is both lightweight and linkable, enabling fast, flexible installations even in tight spaces. With versatile mounting options and safe DC quick-connect cabling, the V9 simplifies maintenance while ensuring continuous, reliable performance under pressure.

Lumen Output:	Up to 8,000 Lumens
Wattage:	13-50W
Efficiency:	160 Lumens/Watt
CRI:	>70Ra, >80Ra Optional
Operating Temperature:	-40° to 140°F
IP Rating:	IP69K
Dimming:	Non-Dimming, 0-10V Optional
Life Expectancy:	>50,000 Hours

Performance Data

Model #	Wattage Selectable	CCT Selectable	Nominal CCT	LPW	Watts	Lumens	CRI
BLV9-13W	No	No	4,000K	160lm/W	13W	2,080lm	>70
			5,000K			2,080lm	
BLV9-25W			4,000K		25W	4,000lm	
			5,000K			4,000lm	
BLV9-38W			4,000K		38W	6,080lm	
			5,000K			6,080lm	
BLV9-50W			4,000K		50W	8,000lm	
			5,000K			8,000lm	

Dimensions



Mounting



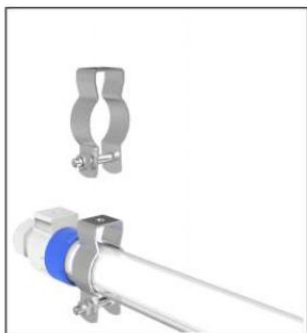
Eye Bolt



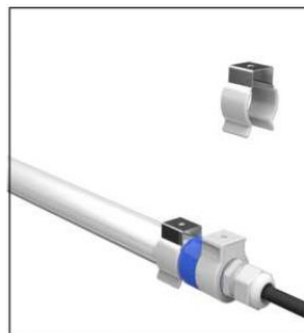
V-Bracket



U-Bracket



Bolt-Latch Clip



Quick-Latch Clip



Suspension Cable

Technical Specifications

LED & Optics

CCT:
4,000K; 5,000K
CRI:
>70Ra; >80Ra Optional
Efficacy:
160lm/W
Rated Lifespan:
L70 @25°C 100,000hrs
Lens:
Clear; Frosted(Diffused) Optional

Construction

Sealed IP69K construction for washdown and cleaning resistance; corrosion-resistant materials allow for operation in chemical and biological corrosive environments; IK10 impact resistant; ambient operating temperature: -40°F(-40°C) to 140°F(60°C).

Warranty

5-year limited warranty. Complete warranty terms are located at www.bluecoltlighting.com/warranty

Electrical

Input Voltage:
48V DC
Input Wattage:
13W; 25W; 38W; 50W
Driver:
100-277VAC Input; 347-480VAC Optional
System Power Factor:
>0.9
Total Harmonic Distortion:
<20%
Surge Protection:
4/6kV Driver Surge Protection

Controls

Dimming:
Non-Dimming; 0-10V Dimming Optional

Compliance

- ETL/cETL, CE, RoHS Listed
- Suitable For Wet Locations
- Rated for use in natatoriums
- IP69K Rated
- IK10 Impact Rated
- NEMA 4X, NEMA 6P Rated
- NSF Rated

Order Guide

PRODUCT TYPE	WATTS	CCT	LENGTH	LENS TYPE	MOUNTING	OPTIONS
BLV9 = Bluecolt Lighting Harsh Environment Linear	13W 25W 38W 50W	4K = 4,000K 5K = 5,000K	2F = 2ft (13W) 4F = 4ft (25W) 6F = 6ft (38W) 8F = 8ft (50W)	C = Clear Lens F = Frosted Lens	EB = Eye Bolt VB = V-Bracket UB = U-Bracket LC = Latch Clip QC = Quick Clip CM = Cable Mount	DIM = 0-10V Dimming SA = Standalone (Non-Linking) 80CRI = <80Ra
NOTES						
Contact clients@bluecoltlighting.com for questions or additional customization options.						
SAMPLE ITEM#	BLV9-25W-4K-4F-F-QC-DIM-SA					