



Javelin3 Plus

50W - 400W Spec Sheet

Overview

Specifically designed for High Bay / Low Bay aisle lighting, the Carbon8Lighting Javelin3 Plus LED High Bay range combines latest technology with innovative, intelligent design. The result is a light fitting that offers outstanding performance, economy and reliability.

Offering a wide range of options, the Javelin3 can be tailored to meet specific project customer requirements. A choice of high quality optics ensures that light is delivered exactly where it's needed. Offered with DALI dimming control as standard, this allows the Javelin3 to be operated with a huge range of occupancy and light level sensors.

The Javelin3 pairs perfectly with Carbon8Lightings hugely successful Discus LED open area high bay to offer total lighting solutions for warehouse, factory and retail applications.

Features & Benefits

- Die-cast Aluminium Housing with UV stabilized powder coating.
- Precision accurate polycarbonate lenses put light where its wanted and reduce/eliminate light pollution with 90° total cut off.
- IP65/IK09 Rated, 3G Vibration Rating.
- DALI Dimming Control.
- Ultra-efficient performance up to 160lm/W.
- Carbon8's Unique 5 Year Premier Care Warranty Program.
- Suitable for food production areas.

Application



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CARBON8
LIGHTING

Technical Specification

Description: Carbon8Lighting Javelin3 Plus High Bay.
Recommended Product Location: Industrial/Warehouse/Factory Aisles.

PRODUCT DETAILS						
Fitting	JAV3 75W+ JAV3 100W+ JAV3 150W+ JAV3 200W+ JAV3 300W+ JAV3 400W+					
Model Quantity	1	1	1	1	1	1
Module Max Power	75w	100w	150w	200w	300w	400w
Typical System Power	80w	110w	165w	220w	330w	440w
Typical Luminous Power	13000	18000	25500	36000	52600	72300
Light Source	Lumileds					
Correlated Colour Temperature	4000K, 5000K, 6500K					
Colour Rendering Index	>70 or >80 available					
System Efficacy	160lm/w					
LED Junction Temp	≤75 °C (@ Ta=25 °C)					
Optics	Round: D3 (30°x30°), D6 (60°x60°), D9 (90°x90°)					
	Nema: Type I (30°x100°), Type V (140°x140°)					
Driver	Meanwell					
Input Voltage Range	100-305VAC 0/60Hz					
Power Factor	>0.9					
Electrical Class	Class I					
Dimming Control Options	1-10V, DALI					
Driver Tc	75°C					
Ambient Operating Temperature	-40°C to +40°C					
Ambient Storage Temperature	-25°C to +80°C					
Material	Die-cast Aluminium (module), Zinc galvanized steel (bracket)					
Optical Cover	Polycarbonate					
Finish	Black or Grey powder coating (customized RAL colour available upon request)					
Ingress Protection (IP)	IP65					
Quality Assurance System	ISO90001, ISO14001					
Batch Coded	YES					
Certification	CE, CB, SAA, ETL					

Mounting

Chain mounting and cord suspension kits available as standard. Surface mounting options available upon request.

Emergency

Emergency ready version available with Carbon8 LED Universal Emergency Pack.

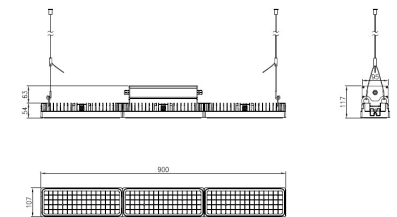
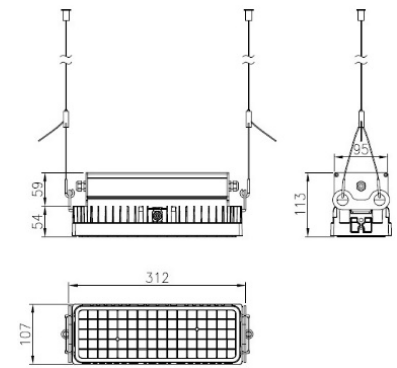
Accessories

Sensor compatible.

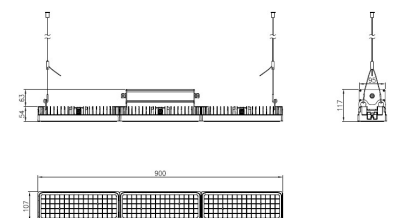
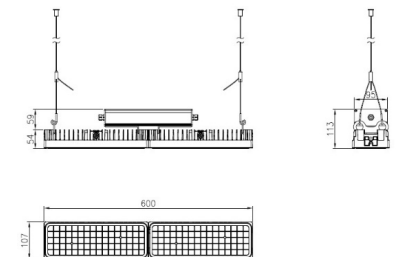
JAVELIN3

Dimensions

75/100



75/100



The Javelin Gen3 is covered by Carbon8Lighting's unique 5 Year Premier Care Warranty. Very rarely, even a Carbon8 fitting can become faulty. Should this happen at any point during the 5 year warranty, Carbon8 will send an advance replacement fitting to site, pay up to £250+VAT towards the exchange and collect the swapped fitting from site. As well as minimising down time, this unique warranty reassures customers investing in a Carbon8 product, there will be no hidden cost of ownership.

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