



CARBON8
LIGHTING

Javelin Zero

50W - 400W Spec Sheet

Overview

Designed specifically for temperature controlled environments, Carbon8Lighting's award winning Javelin Zero LED Linear fitting offers all of the benefits of the standard Javelin2 LED Linear plus some simple innovation that makes it the ideal choice in freezers and cold stores.

By detaching the drive gear and placing it outside the freezer the Javelin Zero gives off less heat inside the temperature controlled environment than any other fitting available. Additionally, in the unlikely event of a driver failure, this can be dealt with very simply, outside the temperature controlled environment. The ultra-efficient Javelin and Javelin Zero Gen2 LED Linear range offers phenomenal value for money, market leading performance and unparalleled reliability.

The Javelin Zero range combines high quality materials, leading edge technology and intelligent design to produce a robust and reliable light fitting that is IP65 rated and can operate in the harshest environments.

Features & Benefits

- Die-cast Aluminium Housing with UV stabilized powder coating.
- Precision accurate polycarbonate lenses put light where it's wanted.
- IP65 Rated.
- Dali Dimming Control.
- Ultra-efficient performance up to 140lm/W.
- Carbon8's Unique 7 Year Premier Care Warranty Program.
- Suitable for food production areas.

Application



Technical Specification

Description: MHB Linear IP65 Recommended Product Location: Industrial and fridge/freezer applications

PRODUCT DETAILS	
Case Material	DIE CAST ALUMINIUM
Voltage	100-305AC
IP Rating	IP65
Typical Lumens per watt	130 lm/w
Colour Rendering	>70 (>80 available)
LED Module	Lumileds
Cable	Artic Cable
Operating Temperature	-40° to +40°
Beam angle	30x30°, 60x60° 90x90° 30x100° 140x140°
Warranty	7 year Premier Care
Colour Temperature	5000k (4000k & 6500k available special order)
Power Factor	0.9
Lens Material	Polycarbonate
Driver	Meanwell
OPTIONS	
Occupancy Sensor	✓
Light level sensor	✓
Remote Programmable Sensor	✓
Polycarbonate front	Fitted as standard
RGB	✓
12-24v	✓
Emergency	✓
Fixed Bracket Mounting	✓

Performance Chart

LED POWER	CIRCUIT WATTS	TYPICAL LUMENS	WEIGHT	DIMENSIONS
50W	55W	7100	4.0 KG'S	107x400x67mm
75W	76W	9600	4.0 KG'S	107x400x67mm
100W	103W	14300	6.5 KG'S	107x400x67mm
150W	150W	21400	8.0 KG'S	107x400x67mm
200W	220W	26800	9.0 KG'S	107x400x67mm
300W	300W	39600	11.0 KG'S	218x734x67mm
400W	440W	57000	16.0 KG'S	218x1034x67mm



Diagram of Javelin Zero (50W, 75W)

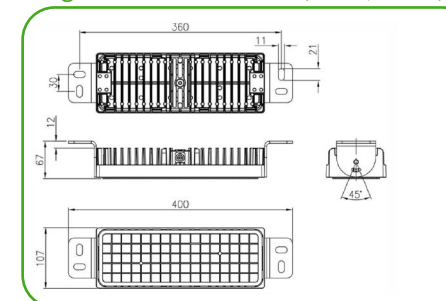


Diagram of Javelin Zero (100W, 150W)

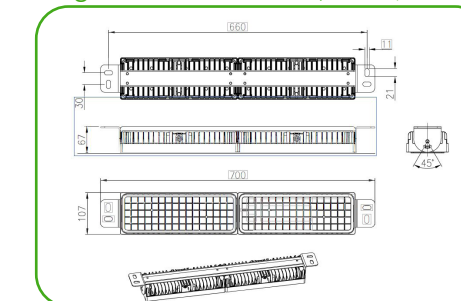


Diagram of Javelin Zero (200W)

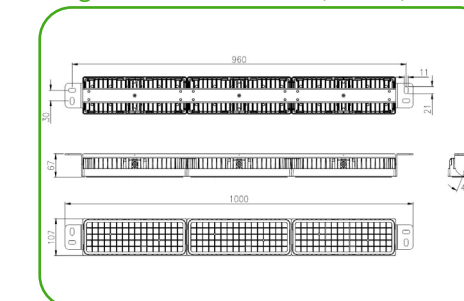


Diagram of Javelin Zero (300W)

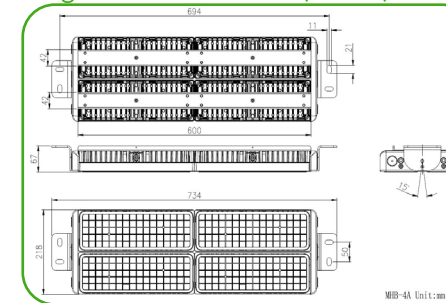
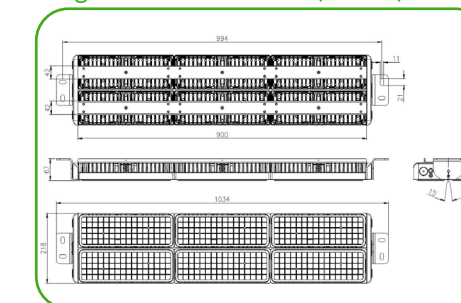


Diagram of Javelin Zero (400W)



The Javelin Zero is covered by Carbon8Lighting's unique 7 Year Premier Care Warranty. Very rarely, even a Carbon8 fitting can become faulty. Should this happen at any point during the 7 year warranty, Carbon8 will send an advance replacement fitting to site, pay up to £500+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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