

## CM Range

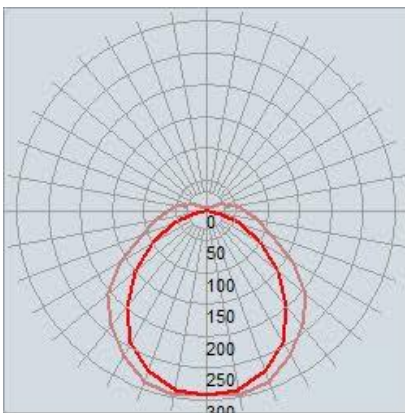
Ideal replacements for 400w, 250w and twin tube fittings, where an even diffused light distribution is required. Fitted with the latest CM LEDs from Cree our new range delivers 125 lumens per watt. With our standard Carbonlights™ housing, the range delivers the same clean, hygienic features as our standard range with even greater efficiency.

Our CM range is ideal for factories, manufacturing or storage environments. Carbonlights™ are capable of delivering over 80% electricity cost savings. Typical project paybacks are less than 18 months.

We offer a full range, Our CM650-3 is an off the shelf replacement for any current 400w fittings whilst our CM650 is the best option for replacing twin tube fittings



	Lumens	Watts	Delivered Lumens per Watt	Dimensions (mm)	Weight (kg)
CM1300-2	20,583	164.8	125	115 x 100	8.8
CM650-3	15,438	123.6	125	190 x 100	6.6
CM1300	10,292	82.4	125	40 x 100	4.4
CM650	5,146	41.2	125	40 x 100	2.2



Designed to replace anything from a twin tube, to a 250w Low Bay or 400w High Bay fitting. With an even diffused light distribution our fittings can operate effectively from 4m to 20m

Our CM Range is available in a wide variety of configurations and choice of cool white through neutral to warm white LEDs.

With the option of anodized or powder coated aluminum body, and specialist coatings to provide long lasting performance in the harshest environments.



## Specification

### Carbonlights™ CM Range Technical Specification

Electrical Specification		Features
Supply Voltage	220/240 Vac RMS at 50Hz	
Rated Wattage	Fittings in the Carbonlights™ CM Range come in modules with multiples of 41.2 Watts at 350mA	Latest high quality LEDs from Cree.
Construction and Environmental		Long life – 100,000+ hours.
Body Material	Aluminium (40% Recycled)	Ultra-Efficient – up to 125 delivered Lumens per circuit Watt.
End Plate Material	Stainless Steel (304 or 316)	Robust, modular construction 5 year warranty (as standard).
Cover Material	Polycarbonate	Upgradeable design.
Finish	Anodised or Chemical or Bacterial Resistant Coated	Instant on/off operation.
Standard Mounting	Suspended, Wall or Ceiling Bracket	Easy to clean profile.
Impact Rating	IK8 Medium	Easy to install.
Operating Temperature	-20°C to +35°C (-40°C to +50°C extended)	Mercury/glass free.
Ingress Class	Designed to meet IP65 sealed	Largely re-usable.
Electrical Connection	Flying lead or Plug/Socket	Largely recyclable.
Photometric		No flicker.
Standard LED Colour	Cool White or Neutral White	Drivers can be remotely mounted
CCT Range	5700k Cool White or 4000k Neutral White	Dimmable if required
CRI	> 80 Standard	
Splay Angle	180+ or 120 degrees as standard	
Intensity	Variable	

Dedicated to providing you with ground breaking lighting solutions, designed and manufactured in the UK.

