Key Features & Benefits

- Provides ideal lighting for oil refineries, petrol stations and other intrinsically unsafe areas
- Gas Zones 1 & 2
- Dust Zones 21 & 22
- Up to 100lm/w+ efficiency
- IP65 rated
- Fit & Forget 5 Year Warranty
- 5000K colour temperature

CEMALighting
For all your lighting needs

FIT & FORGET 5 YEAR WARRANTY

CT 5000K | IP 65 | BA 120° | WT -40° to 60°

ORDER

LED ATEX ExD Explosion Proof Linear

Our range of LED ATEX Rated IP65 ExD Explosion Proof Linear luminaires provide an energy efficient replacement for all traditional ATEX rated floodlight fittings, such as 100W and 250W ATEX rated son fittings often found in oil and gas storage areas, chemical plants and other areas within explosive atmospheres.

- The Gas & Dust Ex marking on this equipment is; 2 GD Ex ec IIC T6 Gb, Ex tc IIIC T80°C Dc

This fitting can be used within Gas Zones 1 & 2, and Dust Zones 21 & 22. This luminaire is for non-mining applications, the surface temperature of the light fitting should not exceed 85°C in a dust environment and 80°C in a gas environment. ATEX Certificates are available upon request.

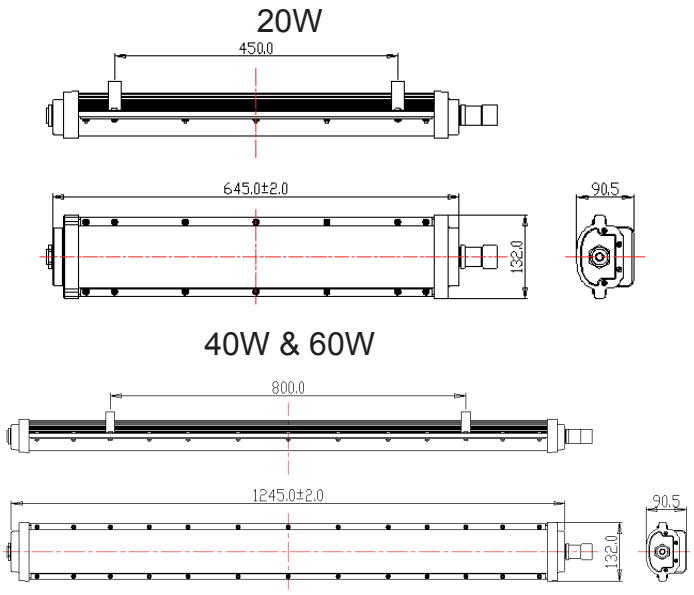
The pioneering technology usually achieves energy savings of at least 50% over conventional light sources, whilst maintaining the same lux levels. With up to 50,000 hour life span this provides a maintenance free solution for difficult applications where changing luminaires can either be hazardous or expensive.

This product is covered by our industry leading CEMA Lighting **Five Year Fit and Forget Warranty.**

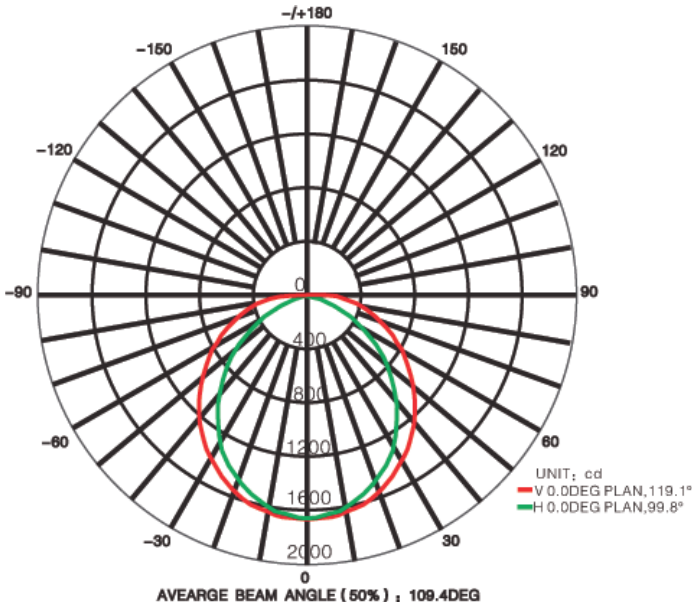
Applications

- Oil Refineries
- Offshore Oil Platform
- Petrol Station
- Chemical Storage
- Tunnels
- Pumping Stations
- Substations
- Other Intrinsically Unsafe Areas

Cema Lighting Ltd, Gallamore Lane Industrial Estate, Market Rasen, Lincolnshire, LN8 3HA
Tel: 01673 840000 Fax: 0845 505 0775 Email: sales@cemalighting.co.uk Website: www.cemalighting.co.uk



Size Diagram

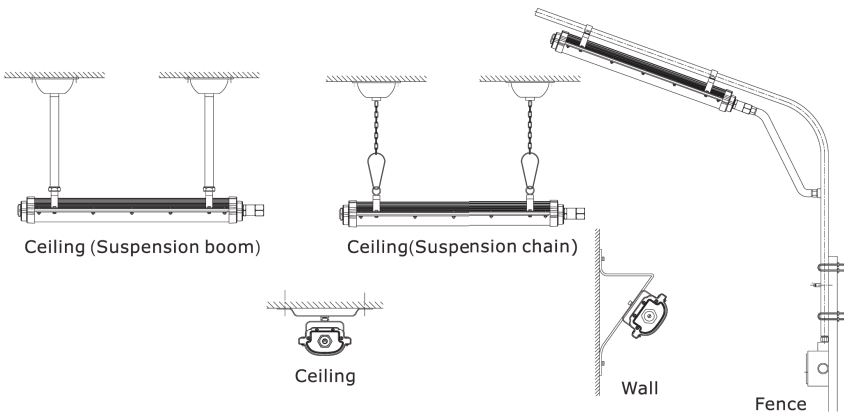


Photometric Curve Diagram

LED ATEX ExD Explosion Proof Linear

Technical Specification

Product Code	803-82-01	803-82-02	803-82-03
Wattage (W)	20W	40W	60W
IP Rating	IP65	IP65	IP65
Luminous Output	2,000	4,000	6,000
Lumens Per Watt	100±5%	100±5%	100±5%
Lifespan (up to)	50,000	50,000	50,000
Colour Temp	5000K	5000K	5000K
CRI	>70	>70	>70
Input Voltage	AC110/220V	AC110/220V	AC110/220V
Working Temp	- 40°C to 50°C	- 40°C to 50°C	- 40°C to 50°C
Beam Angle	120°	120°	120°
Power Factor	>0.9	>0.9	>0.9
Weight	3KG±0.5KG	5KG±0.5KG	5KG±0.5KG



Commercial and Industrial Lighting Specialists

CEMALighting
For all your lighting needs
RoHS CE Compliant
Cema Lighting Ltd, Gallamore Lane Industrial Estate, Market Rasen, Lincolnshire, LN8 3HA
Tel: 01673 840000 Fax: 0845 505 0775 Email: sales@cemalighting.co.uk Website: www.cemalighting.co.uk