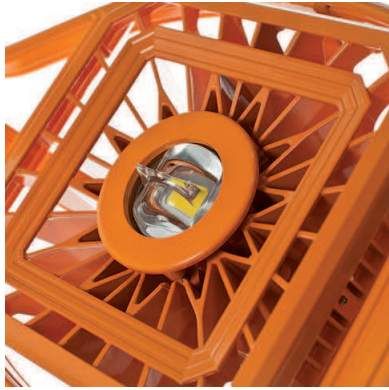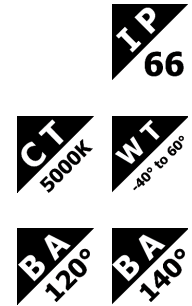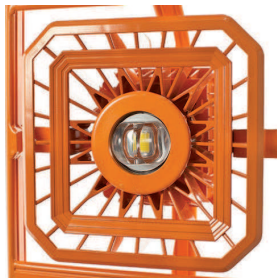## Key Features & Benefits

- 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

- IP66 rated

- Fit & Forget 5 Year Warranty

- 5000K colour temperature

CEMALighting
For all your lighting needs

FIT & FORGET 5 YEAR WARRANTY

IP 66
CT 5000K
WT -40° to 60°
BA 120°
BA 140°

ORDER

LED ATEX ExD Explosion Proof Streetlight

Our range of ATEX Rated IP66 ExD Explosion Proof LED High Output Streetlight luminaires provide an energy efficient replacement for all traditional ATEX rated streetlight fittings, such as 250W and 400W ATEX rated son fittings often found in oil and gas storage areas, chemical plants and other areas within explosive atmospheres.

- The Gas Ex marking on this equipment is; Ex II 2 G Ex d IIB T6 Gb, Ta: -40°C to +45°C
- The Dust Ex marking on this equipment is; Ex II 2 D Ex t IIIC T80°C Db

This fitting can be used within Gas Zones 1 & 2, and Dust Zones 21 & 22. This luminaire is for non-mining applications, the ambient temperature for this fitting should be between -40°C and +45°C and the surface temperature of the light fitting should not exceed 80°C in a dust environment and 85°C in a gas environment. ATEX Certificates are available upon request.
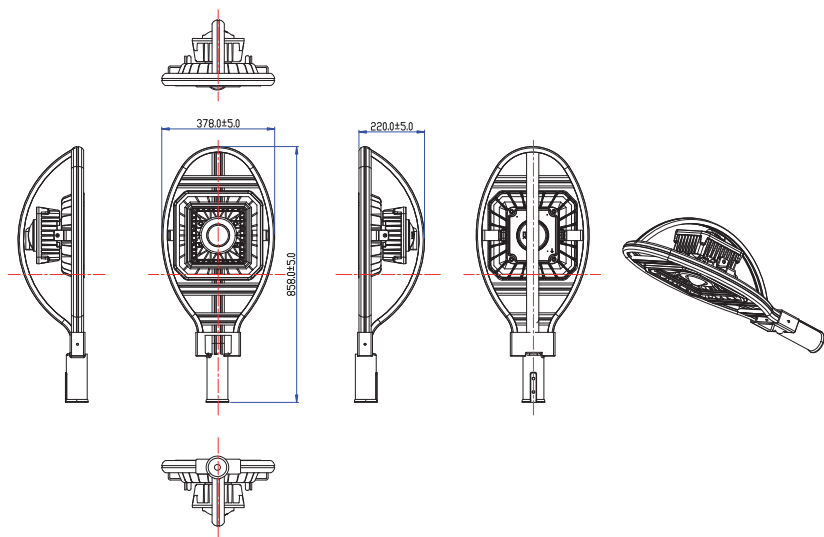
The pioneering technology usually achieves energy savings of at least 50% over conventional light sources, whilst maintaining the same lux levels. With up to 50,000 hour life span this provides a maintenance free solution for difficult applications where changing luminaires can either be hazardous or expensive.

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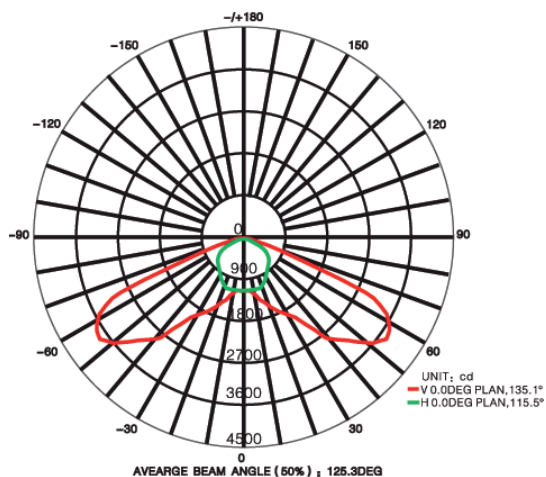
Applications

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

Commercial and Industrial Lighting Specialists

CEMALighting
For all your lighting needs

RoHS CE Compliant

Size Diagram

Photometric Curve Diagram

UNIT: cd
— V 0.0DEG PLAN,135.1°
— H 0.0DEG PLAN,115.5°

AVEARGE BEAM ANGLE (50%) : 125.3DEG

LED ATEX ExD Explosion Proof Streetlight

Technical Specification

Product Code	802-35-01	802-35-02	802-35-03	802-35-04	802-35-05
Wattage (W)	50W	60W	80W	100W	120W
IP Rating	IP66	IP66	IP66	IP66	IP66
Luminous Output	5,000	6,000	8,000	10,000	12,000
Lumens Per Watt	100±5%	100±5%	100±5%	100±5%	100±5%
Lifespan (up to)	50,000	50,000	50,000	50,000	50,000
Colour Temp	5000K	5000K	5000K	5000K	5000K
CRI	>70	>70	>70	>70	>70
Input Voltage	AC110/220V	AC110/220V	AC110/220V	AC110/220V	AC110/220V
Working Temp	- 40°C to 60°C	- 40°C to 60°C	- 40°C to 60°C	- 40°C to 60°C	- 40°C to 60°C
Beam Angle	120° / 140°	120° / 140°	120° / 140°	120° / 140°	120° / 140°
Power Factor	>0.95	>0.95	>0.95	>0.95	>0.95
Weight	10.8KG±0.5KG	10.8KG±0.5KG	10.8KG±0.5KG	10.8KG±0.5KG	10.8KG±0.5KG
Corrosion-Proof Grade	WF2	WF2	WF2	WF2	WF2

FIT & FORGET
5 YEAR WARRANTY