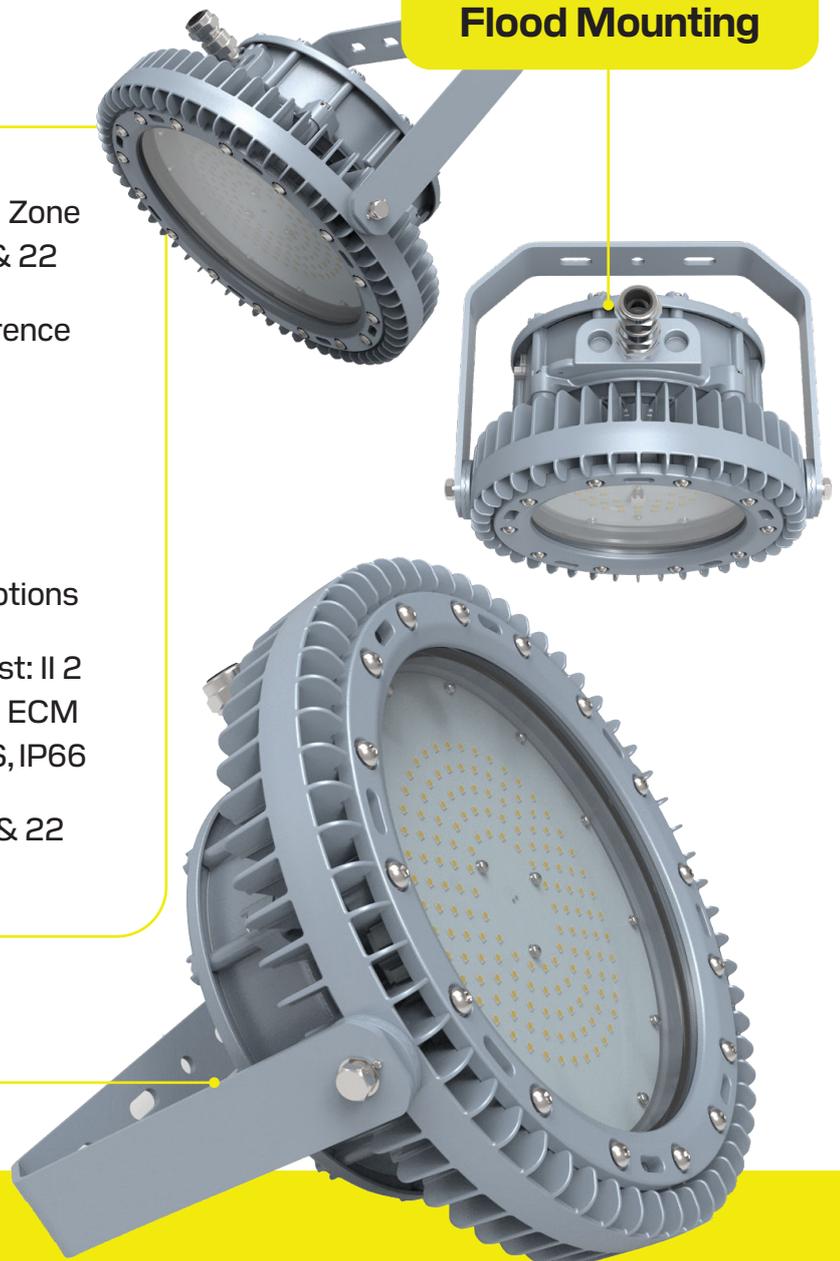# Katla

## Explosion Proof Flood/High Bay Light

# Katla

## Explosion Proof Flood/High Bay Light

The KATLA is a powerful, explosion-proof highbay/ flood light designed for use in industries like oil & gas, mining, and manufacturing. It offers adjustable lighting, robust construction, and 5kV surge protection.

Suitable for explosive atmospheres, it complies with relevant certifications and ratings for reliable performance. Choose from various mounting options and wattages to suit your specific needs.

**For High Bay or Flood Mounting**

✔ Suitable for Explosive Atmosphere Zone 1 & 2 and Explosive Dust Zone 21 & 22

✔ Low Thd Around 10%, Less Interference

✔ Robust Aluminium Housing and Tempered Glass Lens

✔ 5kV Surge Protection

✔ Ceiling, Wall and Floor Mounting Options

✔ Gas: II 2 G Ex db IIC T5/T6 Gb | Dust: II 2 D Ex tb IIIC T95°C/80°C Db |ATEX ECM 19 ATEX-B SU43 | IECEx, CE, RoHS, IP66

✔ Zones: Group II, Zone 1 & 21 and 2 & 22

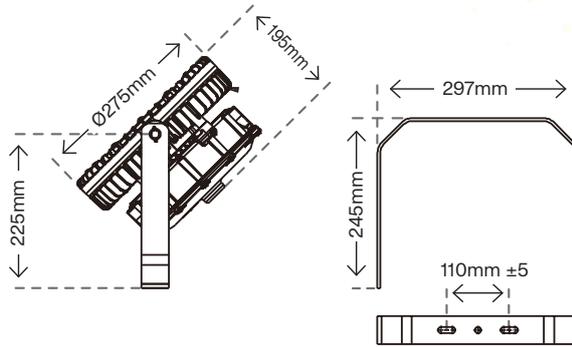earthlight.com.au
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# Katla
## Specifications

| CODE | ETG-10KX014 | ETG-10KX015 | ETG-10KX016 | ETG-10KX017 | ETG-10KX018 |
|---|---|---|---|---|---|
| Emergency Model | ETG-10EK024 | ETG-10EK025 | ETG-10EK026 | ETG-10EK027 | ETG-10EK028 |
| Power (W) | 30 | 45 | 60 | 80 | 100 |
| Luminious Flux (lm) | 3,900 - 4,200 | 5,850 - 6,300 | 7,800 - 8,400 | 10,400 - 11,200 | 13,288 - 14,764 |
| CODE | ETG-10KX019 | ETG-10KX020 | ETG-10KX021 | ETG-10KX022 | ETG-10KX023 |
| Emergency Model | ETG-10EK029 | ETG-10EK030 | ETG-10EK031 | ETG-10EK032 | - |
| Power (W) | 120 | 150 | 200 | 240 | 300 |
| Luminious Flux (lm) | 15,484 - 17,204 | 18,559 - 20,621 | 27,350 - 30,389 | 32,140 | 42,525 |
| Luminaire Efficiancy | 140 | | | | |
| Input Voltage | AC100-277, 50/60Hz | | | | |
| PF | >0.98 | | | | |
| Protection | Surge protection:5kV \| earthing protection: M4 | | | | |
| CCT | 3000K / 4000K / 5000K / 5700K | | | | |
| CRI | Ra70 | | | | |
| Beam Angle | 60°/80°/120° (standard/emergency) \| 80°/120° (sensor) | | | | |
| THD | <10% | | | | |
| IP Rating | IP66 | | | | |
| LED Driver | Over voltage protection, short circuit protection | | | | |
| Optional Controls | DALI dimming \| emergency \| sensor \| 0-10V dimming | | | | |
| *Sensor | 5.8 GHz ±75 MHz ISM band \| 0-10VDC \| standby: 0.3w \| sensor radius: 5-6m \| installation height 7m~12m (max) | | | | |
| Operating Temperature | -40°C~ +55°C | | | | |
| Ambient Temperature | -40ºC ~ +55ºC \| EM -20°C ~ +55°C | | | | |
| Outer Diameter | Ø7 - Ø14mm | | | | |
| Connecting Terminals | 3*1.0-4mm² (L + N + PE) | | | | |
| Available Cable Outer dia | Ø7- Ø14mm | | | | |
| Cable Entries | 2XNPT 3/4" (M20*1.5, M25*1.5 are optional) | | | | |
| Body Colour | Grey RAL7040 | | | | |
| Enclosure Material | Die-casting aluminium | | | | |
| Coating | Epoxy powder coating | | | | |
| Protective Cover & Fastener | Tempered glass & stainless steel | | | | |
| Earthing Protection | M4 (internal and external earth bolts) | | | | |

### EMERGENY OPTION SPECIFICATIONS

| Rated Capacity | Type | Lifespan | Backup | Emergency Power | Charging Time |
|---|---|---|---|---|---|
| 9.6V 4Ah | Ni-MH | 500 cycles | 3 hours | 10W | >24 hours |

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# Katla
## Dimensions



195mm
Ø275mm
225mm
297mm
245mm
110mm ±5

ETG-10KX014 | ETG-10EK024
ETG-10KX015 | ETG-10EK025
ETG-10KX016 | ETG-10EK026
ETG-10KX017 | ETG-10EK027

197mm
Ø330mm
280mm
352mm
300mm
110mm ±5
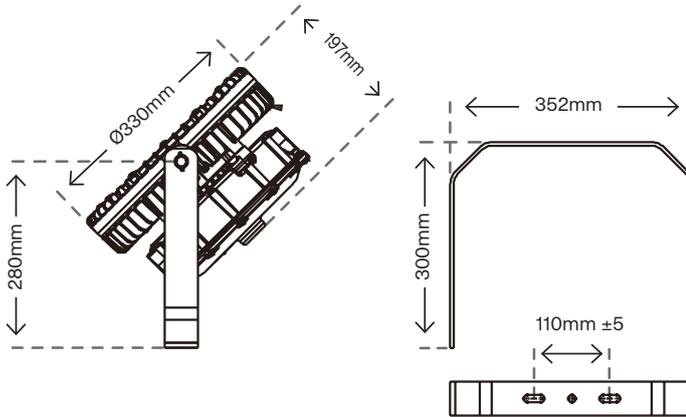
ETG-10KX018 | ETG-10EK028
ETG-10KX019 | ETG-10EK029
ETG-10KX020 | ETG-10EK030

197mm
Ø415mm
280mm
437mm
300mm
250mm ±5
110mm ±5
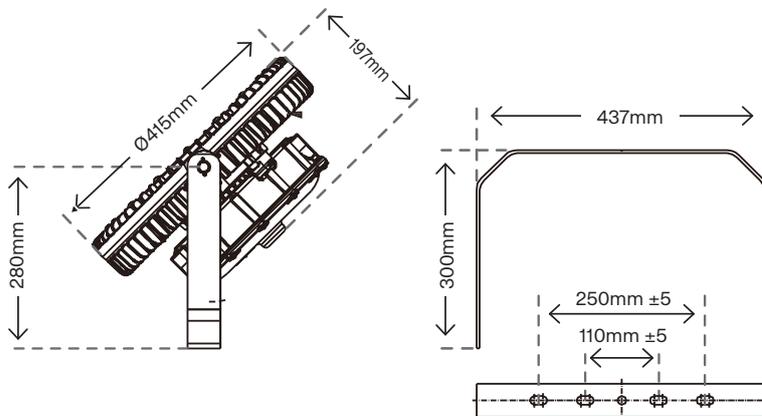
ETG-10KX021 | ETG-10EK031
ETG-10KX022 | ETG-10EK032

292mm
Ø415mm
280mm
437mm
300mm
250mm ±5
110mm ±5

ETG-10KX023

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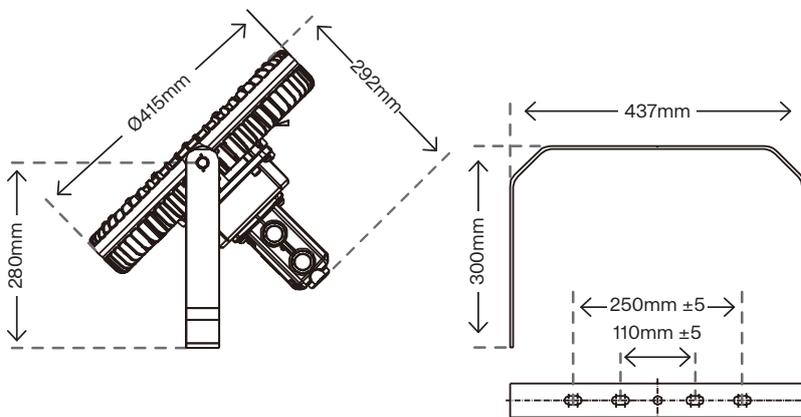
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