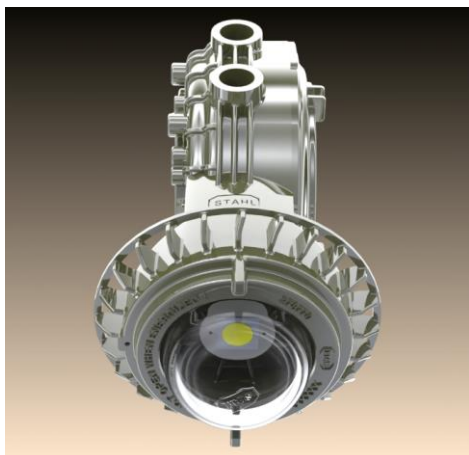




- Aesthetically appealing pendant light fitting with 4 wattage ranges.
- Ideal for use in Zone 1 & Zone 21 with EX d Protection
- Made of Copper-free aluminium for absolute corrosion resistance.
- World-class quality standards: Certified and approved by PESO.
- Tough and Durable: Can withstand impact up to 20J and complies with IK10.
- Suitable for wide range of ambient temperatures from – 20 °C to + 60 °C.
- Longer luminaire service life with a promise of > 50000 operating hours @ Ta 50° C.
- All-round safety: Driver with under and over voltage protection and over temperature protection.
- Higher lumen per watt with superior light output.

WebCode 6057

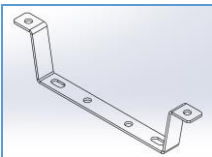
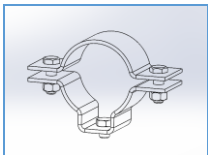
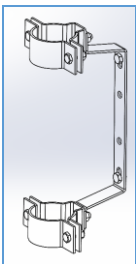
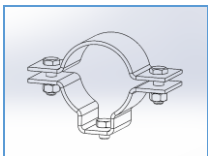
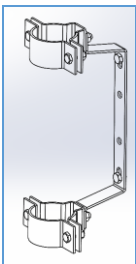
The 6057 pendant light is an equipment used for lighting areas, work equipment and objects. It can be used indoors and outdoors. Using the right accessories, these lights can be used as pendant lights or alternatively they can be wall-mounted, ceiling-mounted, suspension or pole-mounted. With two separate compartments for Driver unit and LED unit, the 6057 pendant light is a fail-proof luminaire meant for the harshest environments.

|                 | PESO |   |   |    |    |    |
|-----------------|------|---|---|----|----|----|
| Zone            | 0    | 1 | 2 | 20 | 21 | 22 |
| Installation in |      | • | • |    | •  | •  |

Selection Table

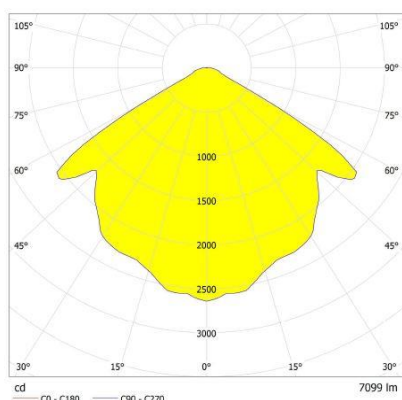
| Wattage | Reflector | Luminous Flux | Luminaire Efficacy | Product type                             | Art. No. | Weight kg |
|---------|-----------|---------------|--------------------|------------------------------------------|----------|-----------|
| 25 W    | Internal  | 3070 lm       | 113 lm/W           | 6057/2112-101-4310-121-200 Pend. Zn1 IND | 288953   | 5         |
| 25 W    | Internal  | 3070 lm       | 113 lm/W           | 6057/2112-101-4330-121-200 Pend. Zn1 IND | 288954   | 5         |
| 45 W    | Internal  | 4661 lm       | 104 lm/W           | 6057/2114-101-4310-121-200 Pend. Zn1 IND | 288955   | 5         |
| 45 W    | Internal  | 4661 lm       | 104 lm/W           | 6057/2114-101-4330-121-200 Pend. Zn1 IND | 288956   | 5         |
| 65 W    | Internal  | 6759 lm       | 109 lm/W           | 6057/2116-101-4310-121-200 Pend. Zn1 IND | 288957   | 5         |
| 65 W    | Internal  | 6759 lm       | 109 lm/W           | 6057/2116-101-4330-121-200 Pend. Zn1 IND | 288958   | 5         |
| 80 W    | Internal  | 7955 lm       | 103 lm/W           | 6057/2118-201-4310-121-200 Pend. Zn1 IND | 288959   | 5         |
| 80 W    | Internal  | 7955 lm       | 103 lm/W           | 6057/2118-201-4330-121-200 Pend. Zn1 IND | 288960   | 5         |

| Technical Data                                       |                                                                                     |                   |                       |                       |
|------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------|-----------------------|-----------------------|
| Variant                                              | 25 W                                                                                | 45 W              | 65 W                  | 80 W                  |
| Explosion Protection                                 |                                                                                     |                   |                       |                       |
| Certificate number                                   | KLPL/Ex/21-032X                                                                     |                   |                       |                       |
| Gas Marking                                          | Ex db IIC T6 Gb                                                                     | Ex db IIC T6 Gb   | Ex db IIC T5 Gb       | Ex db IIC T5 Gb       |
| Dust Marking                                         | Ex tb IIIC T85° C Db                                                                | Ex tb IIIC T85° C | Ex tb IIIC T100° C Db | Ex tb IIIC T100° C Db |
| Approval                                             | PESO                                                                                |                   |                       |                       |
| Electrical Data                                      |                                                                                     |                   |                       |                       |
| Rated Operational Voltage AC                         | 220 to 240 V ± 10%<br>(Optional 110 to 277 V ± 10% on request)                      |                   |                       |                       |
| Rated Operational Current                            | ≤ 0.130 A                                                                           | ≤ 0.210 A         | ≤ 0.288 A             | ≤ 0.363 A             |
| Frequency                                            | 50/60Hz                                                                             |                   |                       |                       |
| Power Factor cos φ                                   | ≥ 0.96                                                                              |                   |                       |                       |
| THD                                                  | <11%                                                                                | <10%              |                       |                       |
| Inrush current                                       | ≤ 16 A; Δt = 100 μs                                                                 |                   |                       | ≤ 64 A; Δt = 108 μs   |
| Surge Protection                                     | 4kV (20kV on request)                                                               |                   |                       |                       |
| Lighting Data                                        |                                                                                     |                   |                       |                       |
| Lamp Colour Temperature (LED)                        | 5700 K (5000k, 6500K on request)                                                    |                   |                       |                       |
| Lamp Colour Rendering (LED)                          | >80                                                                                 |                   |                       |                       |
| Ambient Conditions                                   |                                                                                     |                   |                       |                       |
| Operating Temperature Range                          | -20 °C to +50 °C (+60 °C on request for 25W, 45W & 65W, +55 °C on request for 80W ) |                   |                       |                       |
| Storage Temperature                                  | -20 °C to +60 °C                                                                    |                   |                       |                       |
| Mechanical Data                                      |                                                                                     |                   |                       |                       |
| Degree of protection                                 | IP66 / IP67                                                                         |                   |                       |                       |
| IK rating                                            | IK 10                                                                               |                   |                       |                       |
| Protection Class                                     | I                                                                                   |                   |                       |                       |
| Material Enclosure                                   | Aluminium                                                                           |                   |                       |                       |
| Colour Enclosure                                     | Powder coated RAL 7035                                                              |                   |                       |                       |
| Material Lamp Cover                                  | Borosilicate Toughened Glass (Dome)                                                 |                   |                       |                       |
| Material Gasket                                      | Silicon                                                                             |                   |                       |                       |
| Lamp Cover Locking                                   | Threaded                                                                            |                   |                       |                       |
| Service Life                                         |                                                                                     |                   |                       |                       |
| Life Time Driver @ Ta 50°C<br>C10 = failure rate 10% | 50,000h                                                                             | 50,000h           | 40,000h               | 50,000h               |
| Service Life (LED)<br>L70B50 @Ta 50°C                | 1,00,000h                                                                           | 1,00,000h         | 1,00,000h             | 80,000h               |
| Installation                                         |                                                                                     |                   |                       |                       |
| Connection (standard)                                | 4sq.mm                                                                              |                   |                       |                       |
| Trough Wiring (standard)                             | Loop in Loop out max 3x10A                                                          |                   |                       |                       |
| Cable Entries                                        | 2 x M20                                                                             |                   |                       |                       |
| Cable Glands                                         | On request                                                                          |                   |                       |                       |
| Stopping plug                                        | On request                                                                          |                   |                       |                       |
| Wire Guard                                           | On request                                                                          |                   |                       |                       |

| Accessories                                                                         |                                         |          |
|-------------------------------------------------------------------------------------|-----------------------------------------|----------|
| Figure                                                                              | Description                             | Art. No. |
|    | Wall/ceiling mtg.brk. 6057 spare 1.4301 | 288823   |
|    | Ring bolt M8x9 similar DIN 580 C15      | 115896   |
|    | Horiz. Pipe mtg. brk. Ø50mm 6057 spare  | 289889   |
|  | Verti. Pipe mtg. brk. Ø50mm 6057 spare  | 289890   |
|  | Horiz. Pipe mtg. brk. Ø60mm 6057 spare  | 290041   |
|  | Verti. Pipe mtg. brk. Ø60mm 6057 spare  | 290042   |

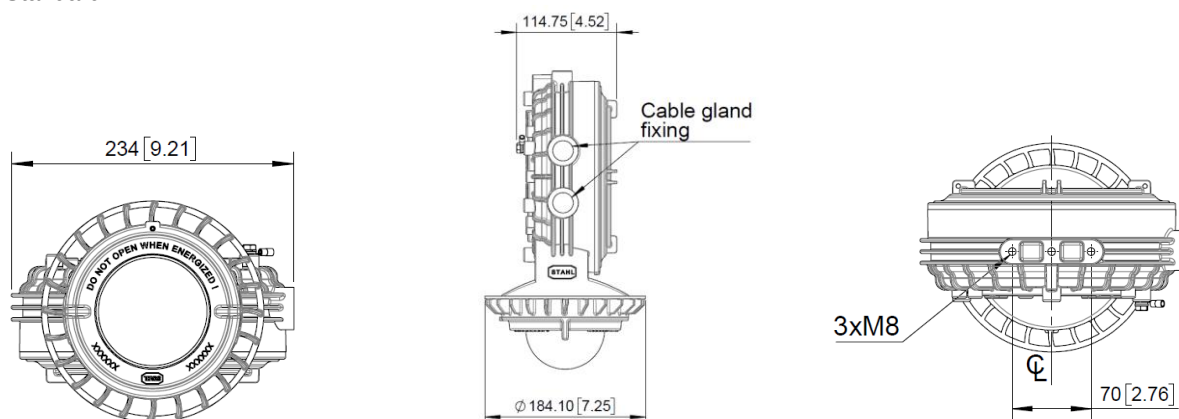
## Light Distribution Curves – Subject to Alterations

E2

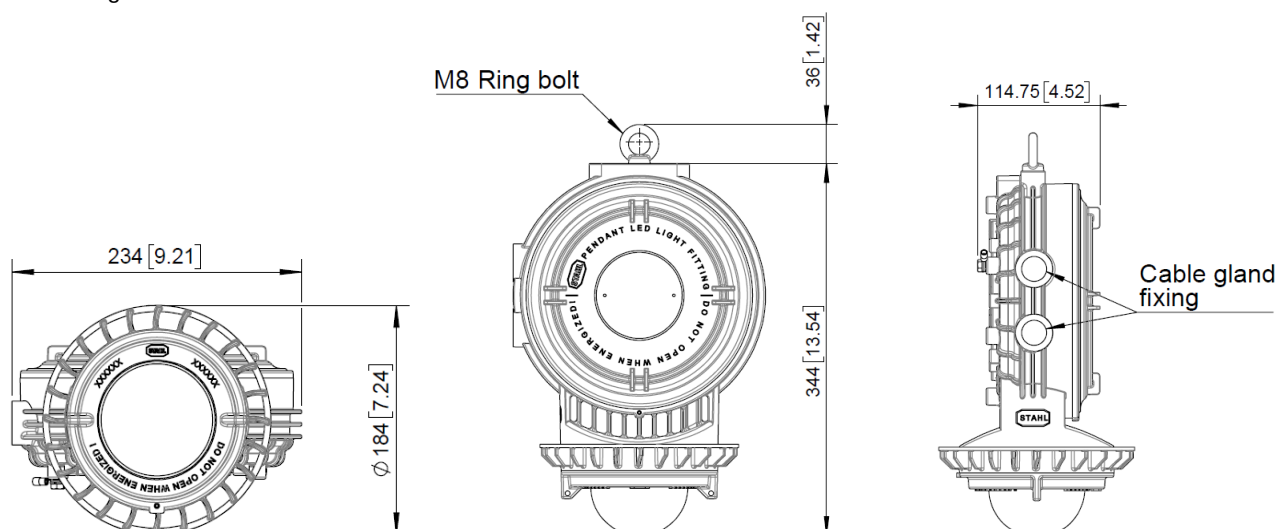


## Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations

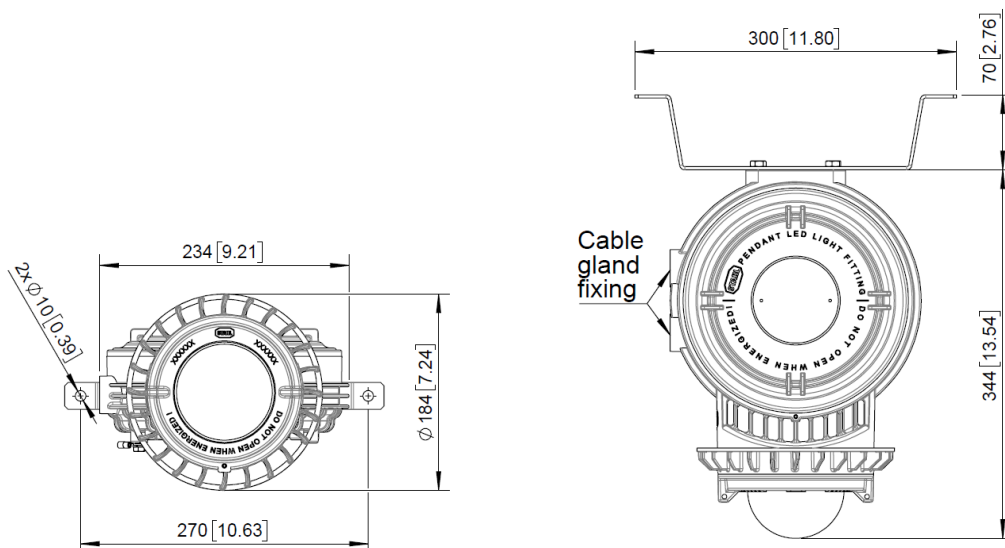
### Standard



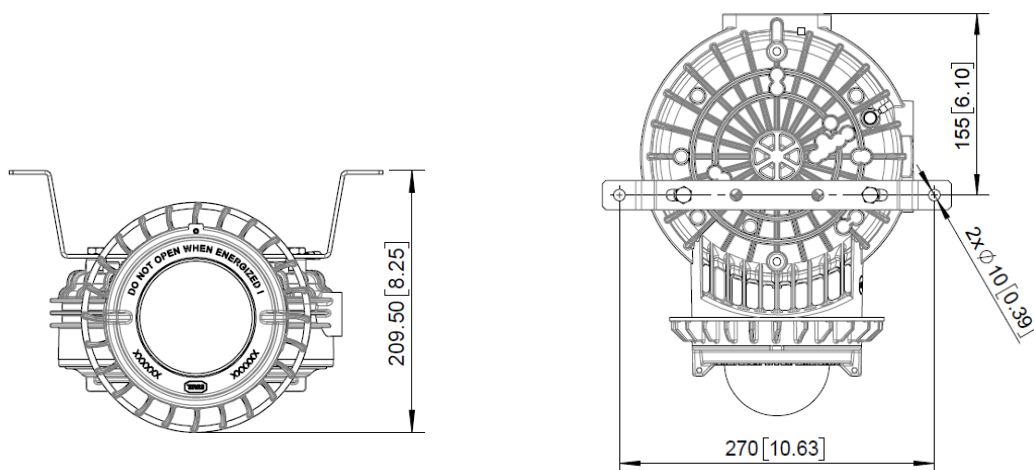
### With Ring Bolt



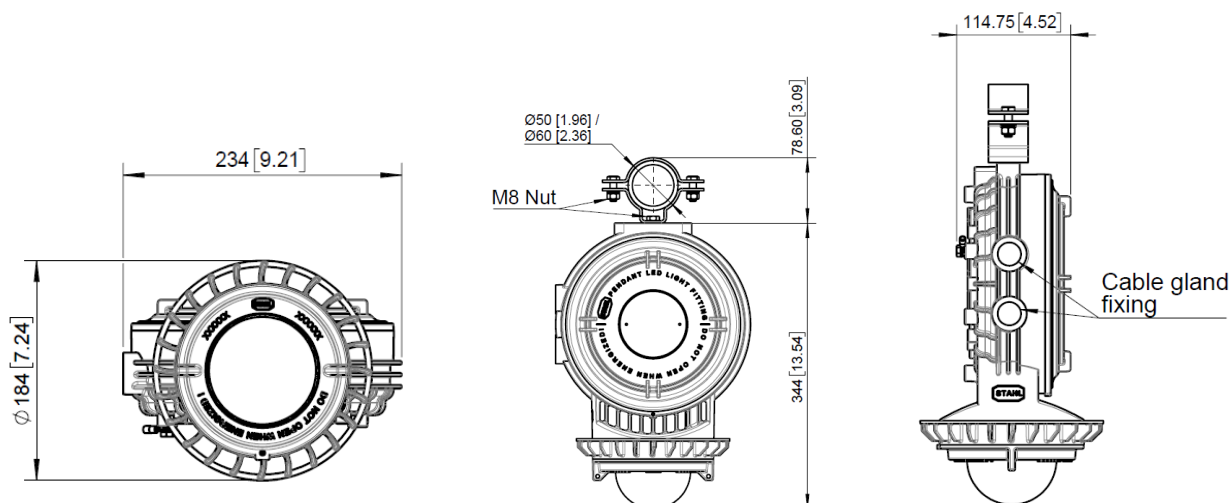
## Ceiling Mounting



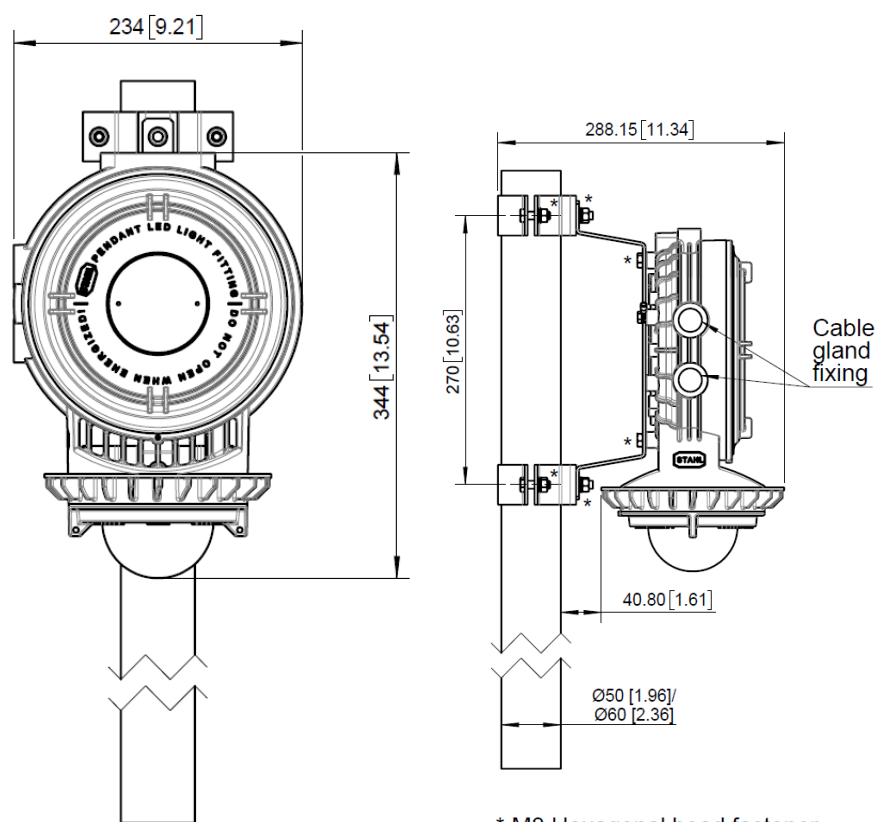
## Wall Mounting



With Pipe Mount Horizontal



With Pipe Mount Vertical



\* M8 Hexagonal head fastener