zalux

# KE luminaire

Ready for the future, here for you

# KE luminaire

High spec enclosed luminaire fully openable and adaptable

CE CB TEST RoHS REACH 5 YEARS warranty +55°C -40°C

## Mechanical IK10 IP66 / IP69K

| | |
|---|---|
| Profile | Extruded polycarbonate with UV protection<br>Upper part dark grey RAL 7046 |
| End caps | Injected polycarbonate |
| Lever | Injected polyamide + 10% fibreglass<br>Blue RAL 5012 |
| Gasket | Removable and recyclable thermoplastic elastomers |
| Cable entry | Cable gland (M20 or M25) |
| Fixing clips | Stainless steel |

## Electrical

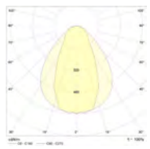
| | |
|---|---|
| Connection | 3-8 poles WAGO quick connector |
| Flicker factor | <1% |

## Functional

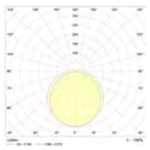
| | |
|---|---|
| Lifetime | Up to L80 100,000 hours **at 35°C** |

## Photometrical

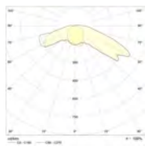
N - Intensive



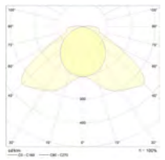
Opal



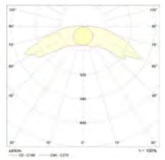
AXW-Assymetric



VW - Extensive



XW - Very extensive



Circular Economy

**Sustainable lighting**

Robust for a **wide range of temperatures**

**Up to 155 lm/W**

**Made to last** with up to **100,000 hours**

IP69K and IK10



**Removable** thermoplastic polyurethane (TPU) **gasket with high resistance**

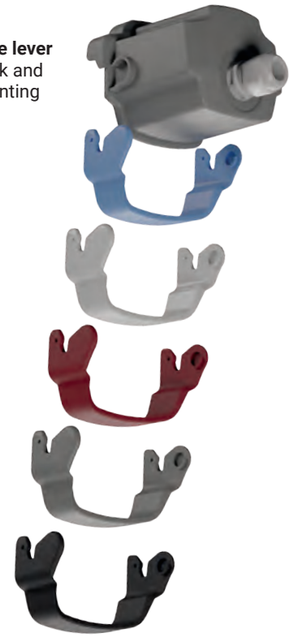
**Easy access** to the gear tray

Different connection possibilities: electrical connection can be made **on the side or on top** of the luminaire

Specific version with high **chemical resistance**

Fast connection thanks to its screwless terminal with **up to 8 poles** ready for through wiring, phase connection or emergency

**Innovative lever** for a quick and safe mounting



The protected luminaire | ready for the future

AUTOMOTIVE | > 8m HIGH BAY | LOGISTICS | SMART PARKING | WAREHOUSE | FACTORY

## Options

Special options in grey under request

| Length (mm) | Optics | Luminous flux (lm) | CRI | Light colour (K) | Driver | Profile and end caps | Through wiring | Sensor | Emergency kit | High temperature |
|---|---|---|---|---|---|---|---|---|---|---|
| 1.2: 1200<br>1.5: 1500 | ... diffuse<br>TB: narrow | 40: 4000<br>60: 6000<br>80:8000<br>100: 10000<br>ML: 2000 to 10000 | 8: >80 | 40: 4000 | ET: non dimmable<br>ETDD: DALI<br>ETDD CS: Casambi dimmable | PC: PC | 3x1.5mm²<br>5x2.5mm² | HFS: high frecuency sensor | EB3: 3 hours | HT: up to 55ºC |
| 0.6: 600<br>0.3: 300<br>1.8: 1.800<br>2.1: 2.100<br>2.4: 2.400 | >VW - Extensive<br>>XW - Very extensive<br>>N - Intensive<br>>AXW - Asymmetric | | 9: >90 | 30: 3000<br>50: 5000<br>65: 6500 | ETD: 1-10V dimmable<br>CLO: Constant Lumen Output<br>HCL: Human Centric Lighting | PM: PMMA profile | 3x1.5mm² to 8x2.5mm² | HFSX/B: DALI high frequency sensor | EB1: 1 hour<br>EB3 NDA: 3 hours DALI | |

More options available:
- Fast connector
- Protection Class II

## Operational data

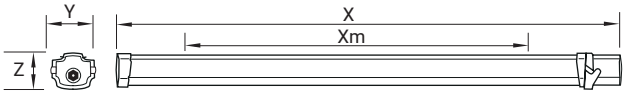
| Description | Luminous flux (lm) | Power (W) | Efficiency (lm/W) | Non-dimmable | | | | | DALI dimmable | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | - ● | 3x1.5 ● | HFS ● | EB3 ● | ML ● | - ● | 5x2.5 ● | CS ● |
| KHE 1.2 40-840... | 4000 | 26 | 155 | 10223668 | 10223752 | 10223748 | 10223749 | 10223746 | 10223745 | 10223753 | 10223747 |
| KHE 1.5 60-840... | 6000 | 41 | 147 | 10223754 | 10223762 | 10223758 | 10223759 | 10223756 | 10223755 | 10223763 | 10223757 |
| **High temperature** | | | | ● | | | | | ● | | |
| KHE 1.2 40-840... HT [1] | 4000 | 26 | 155 | 10223750 | - | - | - | - | 10223751 | - | - |
| KHE 1.5 60-840... HT [1] | 6000 | 39 | 155 | 10223760 | - | - | - | - | 10223761 | - | - |
| **High bay 8000 lm** | | | | ● | | | | | ● | | |
| KHE 1.5 80-840... [2] | 8000 | 58 | 140 | 10225374 | - | - | - | - | 10225375 | - | - |
| **High bay 10000 lm** | | | | ● | | | | | ● | | |
| KHE 1.5 100-840...[2] | 10000 | 64 | 157 | 10225062 | - | - | - | - | 10225064 | - | - |
| KHE 1.5 TB 100-840...[2] | 10000 | 64 | 157 | 10225063 | - | 10225066 | - | - | 10225065 | - | - |

| Temperature range | -40ºC +55ºC ● | -30ºC +55ºC ● | -30ºC +45ºC ● | -30ºC +35ºC ● | -20ºC +35ºC ● | 0ºC +35ºC ● |
|---|---|---|---|---|---|---|

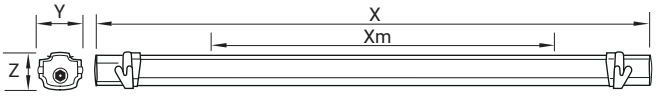
[1] Specific version for high temperature lighting

[2] Specific version for high bay lighting

STANDARD VERSION




3x1.5 / 5x2.5 VERSION




## Accesories

| Description | Order number |
|---|---|
| Suspension wire 2m hook and fastener, 1 unit | 10103049 |
| ZBWM wall mounting accessory (allows luminaire rotation), 2 pieces set | 10207593 |
| Fixing clips in stainless steel 316L (2 units) | 10256809 |

Data subject to change. 2021.3