



# ARCHON model KEL / FKEL / PEL Lighting Units

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## CHEMLUX Light Fittings (Ex)

### SERIES KEL / FKEL and PEL

These 3 series of technologically advanced, powerful light fittings for use in hazardous areas cover nearly every requirement for high intensity vessel lighting. They may be used on the smallest pilot vessels through to the largest dryers. There is a unique range of power and voltage options and supplementary equipment, making them really universally suitable for even difficult applications.

#### APPLICATION:

On sightglasses and sightflow indicators from DN 25 upwards, on sight-tubes and rectangular or D-ended sightglasses.

#### MATERIALS:

- Corrosion resistant aluminum high integrity casting for housings and fixation pieces
- Built-in reflectors of highly polished aluminum alloy

#### ELECTRICAL DATA:

- Wattage to 20 W with T6 classification, to 50 W with T4 classification
  - Voltages from 12 V and 24 V without, and from 36 V up to 240 V with internal transformer
- All above indications depending on series and type.

#### ENCLOSURE PROTECTION DEGREE:

Dust and spray water tight, IP 65

#### CLASSIFICATION:

- EEx de IIC T3 ...T6 (series KEL, PEL)
- EEx d IIC T4 ...T6 (series FKEL)



CHEMLUX sightglass light fitting type FKEL 20dHR, EEx d IIC T4, 20 W, on VETROLUX screwed sightglass similar to DIN 11851, DN 65



CHEMLUX sightglass light fitting type PEL 50 deHSch, EEx de IIC T4, 50 W, on VETROLUX sight-glass to DIN 28120

#### OPTIONS:

- Housing painted with Acrylic based color
- With junction box (series KEL / PEL) and without (series FKEL)
- Transport handle
- Opal glass screen to prevent blinding effects
- Anti dazzle shield for 1 port mounting
- Internal timer for action on the light or for remote action
- External timer
- Device for momentary illumination (series PEL)
- Supply cable