

BEKA LEDtec
LED LOWBAY

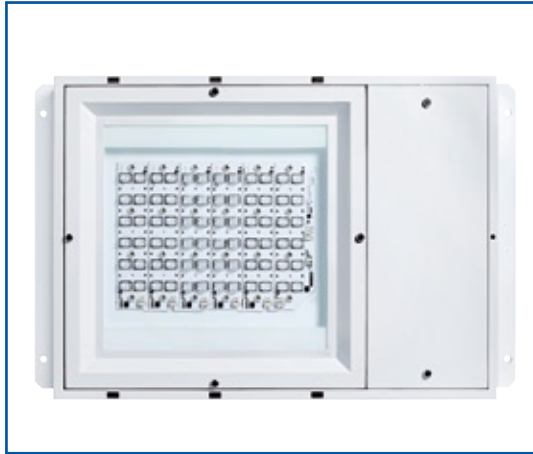


BEKA
LEDtec

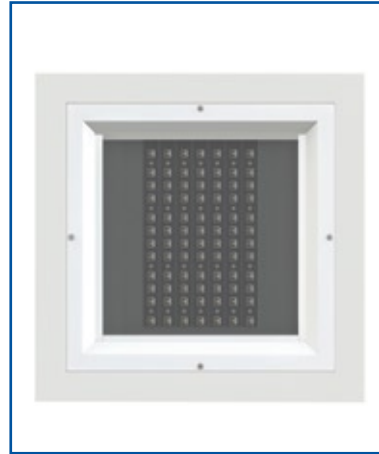


BEKA LEDtec

LED LOWBAY



BEKA LEDtec - surface mounted



BEKA LEDtec - recessed

DESIGNED FOR ENERGY-EFFICIENT LIGHTING IN INDUSTRIAL AND COMMERCIAL ENVIRONMENTS

APPLICATIONS

- FUEL STATION CANOPIES
- INDUSTRIAL AREAS
- WAREHOUSES & WORKSHOPS
- MULTI-PURPOSE HALLS

FEATURES

- RELIABLE LED ENGINE, USING OSRAM LEDs
- 60,000-90,000 HOURS OF EXPECTED LIFETIME
- LED COMPARTMENT - IP66
- SUITABLE FOR AMBIENT TEMPERATURES OF UP TO 35°C
- DESIGNED FOR EASY AND RELIABLE CANOPY AND CEILING INSTALLATION
- EASILY ACCESSIBLE POWER SUPPLY/DRIVER COMPARTMENT
- GLARE-REDUCED LIGHT DISTRIBUTION
- FULLY DESIGNED AND MANUFACTURED IN SOUTH AFRICA

CONSTRUCTION DETAILS

The luminaire consists of an IP66 protected LED engine, which is thermally separated from the power supply/driver compartment. The ease of installation is facilitated by the external mounting lugs and a hingeable connector plate. The luminaire housing is manufactured from stainless steel (3cr12), epoxy powder coated to BEKA's renowned specification for exterior finishes.

SABS MARKS

The luminaire bears the SANS 60598 mark.

LED

- Minimum 60 000hrs LED lifetime with only 10% light depreciation (L90) or 90 000hrs LED lifetime with 30% light depreciation (L70) at average ambient temperatures of 35°C, resulting in a product lifetime of approximately 25 years.
- Effective high-power OSRAM LED, 5 000K at a colour rendering index >70.

LED SAFE®

- To maximize the reliability of the LEDs, the photometrical engine is completely sealed to IP66. This ensures that the photometric performance is maintained over time.

THERMIX®

- Electronic temperature monitoring, positioned directly next to the LEDs, prevents overheating of LEDs and power supply.

PROTECTOR

- The protector is manufactured from high-impact clear flat glass or vandal-resistant high-impact acrylic (IK10).

CONTROL GEAR

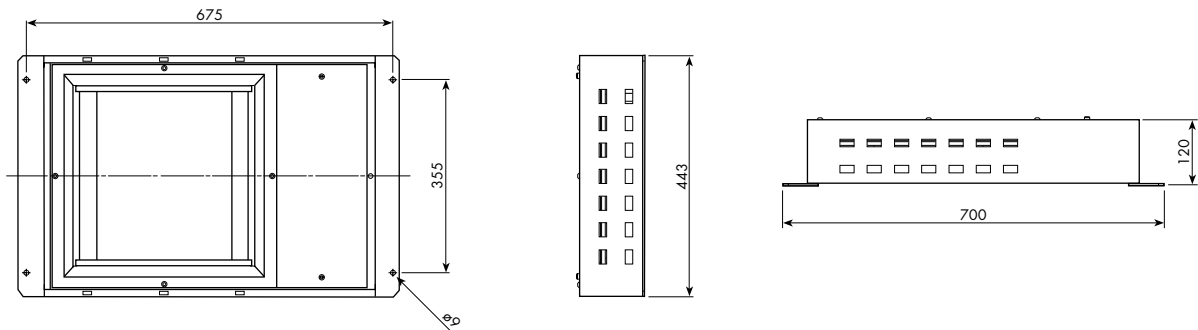
- The electronic power supply is suitable for operation with a 198-265V 50Hz single phase system. (DC versions are available.)
- The luminaire is power factor corrected to >0,9.

ADDITIONAL OPTIONAL FEATURES:

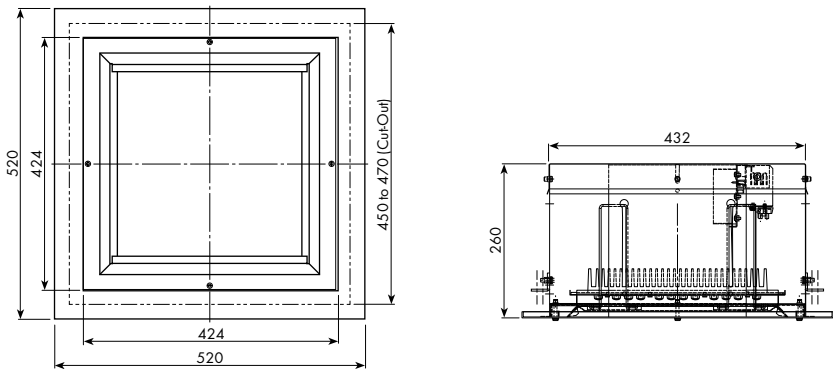
- Movement detector

VERSIONS/DIMENSIONS IN MM

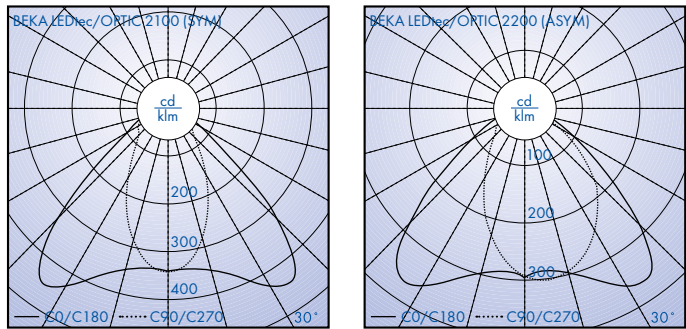
SURFACE MOUNTED VERSION



RECESSED VERSION



PHOTOMETRIC DATA
INTENSITY DISTRIBUTION



ELECTRONIC DATA FILES CAN BE
DOWNLOADED FROM
www.beka.co.za/knowledge-base



ORDERING DATA

DESCRIPTION	LEDS	CURRENT (mA)	LUMEN	MASS (KG)
SURFACE MOUNTED				
BEKA LEDtec-SM 85W	36	700	9 100	12.6
BEKA LEDtec-SM 114W	48	700	12 100	12.6
BEKA LEDtec-SM 142W	60	700	15 100	13.7
BEKA LEDtec-SM 160W	72	600	16 390	13.7
RECESSED				
BEKA LEDtec-RE 85W	36	700	9 100	12.6
BEKA LEDtec-RE 114W	48	700	12 100	12.6
BEKA LEDtec-RE 142W	60	700	15 100	13.7
BEKA LEDtec-RE 160W	72	600	16 390	13.7

Standard colour: White (RAL 9016)

OPTIONS

SUFFIX	DESCRIPTION
/ HI-IMPACT	HIGH IMPACT RESISTANT PROTECTOR
/ MMD	WITH INCORPORATED MOVEMENT DETECTOR FOR SURFACE MOUNTED VERSION
/ MMD-RE	RECESSED VERSION: INCORPORATED MOVEMENT DETECTOR AVAILABLE ON REQUEST
/ OPTIC 2100	SYMMETRICAL
/ OPTIC 2200	ASYMMETRICAL

DESIGNED AND MANUFACTURED BY
BEKA (PTY) LTD - SOUTH AFRICA
MANUFACTURERS OF LUMINAIRES AND GLASS FIBRE POLES

06/13