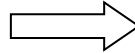


INSTALLATION INSTRUCTION VICTOR RETROFIT 70W/96W

LED MODIFICATION KIT FOR CONVENTIONAL VICTOR LUMINAIRES

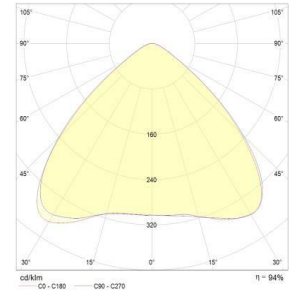
Lowbay Victor HID 100 - 150W



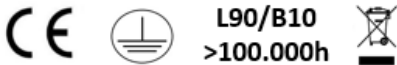
LED 70W / 96W

RETROFIT KIT INCLUDES:

- LED modules and optics ready attached and wired on aluminium heat sink, thermal interface material (TIM) ready attached on the bottom of the heatsink
- 8pcs fixing screw Plastofast 3,5x8mm
- Driver and terminal block attached on mounting plate ready wired
- 2pcs plate screw DIN7981-F KERB Tx25 ZN 4,8x9,5
- New product label & service date label



Please note: Spare cover to be ordered separately, if required.



TECHNICAL DATA

Product code	M70 O 28 VD	M95 O 28 VD
LED-modules	2 x 32,6W 5310lm 165lm/W @700mA	4 x 22,4W 3990lm 179lm/W @500mA
Total power	70 W	96W
Light output:	9500lm	14400lm
Voltage	230V AC	230V AC
Ta max	45 °C	40°C
Lifetime	L90B10>100.000h	L90B10>100.000h
Suitable to luminaire	010 S 00 / 010 S 01 / 010 S 02	015 S 02

GENERAL INFORMATION

- This product and instruction are intended only for updating conventional Tehdasvalo Victor luminaires.
- Installation may only be done by a professional electrician!
- The LED modules are sensitive to ESD (Electrostatic discharge), avoid touching the LED modules while assembly.
- Before assembling new components, check that the following luminaire parts are in good condition and there are no signs of external damages:
 - Luminaire housing and mounting lugs
 - Diffuser, hinges and lugs
 - Gaskets
 - Cable glands and cable
- Clean the exterior of the luminaire of dirt or other contaminants. Dirt that has accumulated on the luminaire can cause the luminaire to overheat, which may result in malfunction or shortening the life of the electronic components.

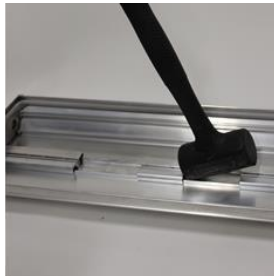
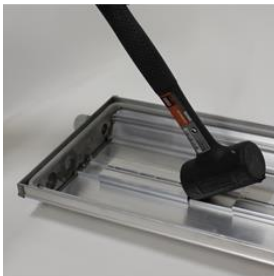
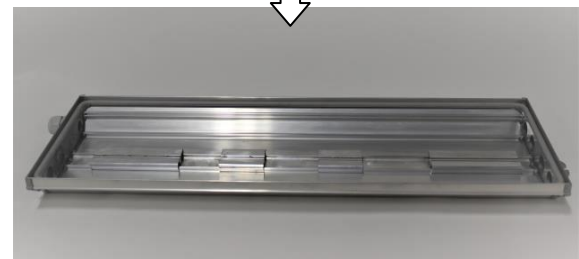
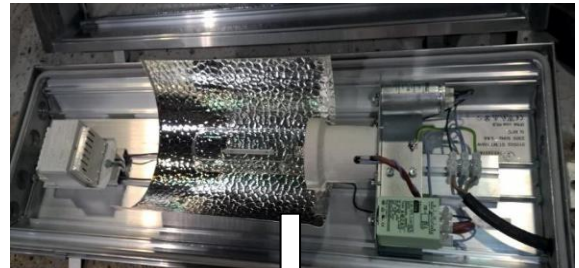
MAX. QUANTITY PER CIRCUIT BREAKER				
Type	B10A	B16A	C10A	C16A
M70 O 28 VD	7	12	11	19
M95 O 28 VD	6	11	11	17

WARRANTY

- Warranty period for the Retrofit kit components is 5 years from the date of service implementation.
- This warranty is valid when:
 - The actual service date has been marked on the label by the installer (otherwise warranty period starts from delivery date).
 - Installation and maintenance have been made according to these instructions.
- Warranty does not apply when possible defect is caused by :
 - negligence in installation or use of the product
 - fault in the power grid, eg. overvoltage, disconnected neutral.
 - external damage.
- In case of defect, please contact manufacturer Tehdasvalo Oy (contact information below).

REMOVAL OF OLD LUMINAIRE COMPONENTS

- 1) Switch off the luminaire from mains and make sure there is no voltage.
- 2) Open the luminaire cover.
- 3) Remove connection cable from terminal.
- 4) Remove all electrical components.
- 5) Recycle the lamp and electrical components according to local instructions.
- 6) Inspect mechanical condition of the housing, mounting points, gaskets, cable gland(s) and fixing lugs.
- 7) Move the two fixing profiles nearest to cable glands against the end cap using a recoilless rubber hammer.

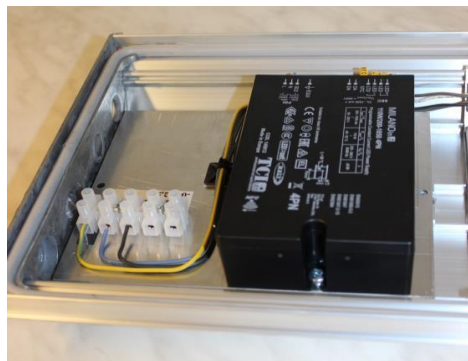


- 8) Remove the other two fixing profiles, using for example a wrench.



RETROFIT KIT INSTALLATION

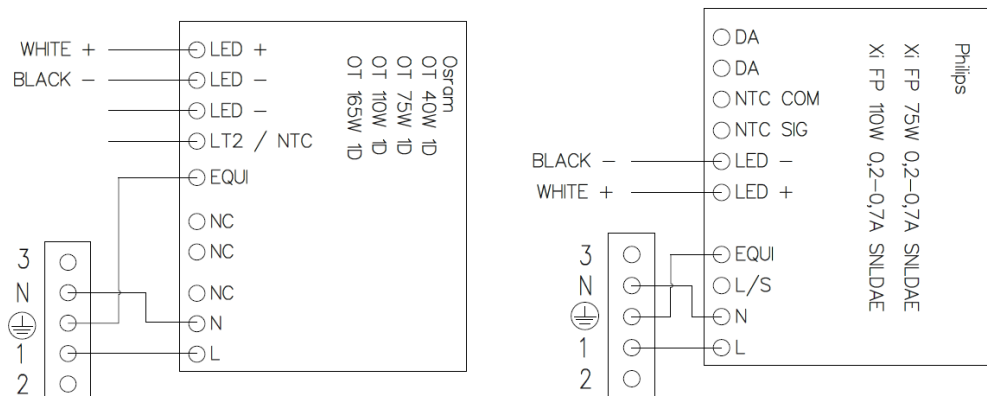
- 1) Clean the bottom of the housing with cleaning spray and a clean towel.
- 2) Both LED module and driver module are marked with a serial manufacturing number (date/running identification number). Install both parts with same identification number to same luminaire. The parts have been tested together as one entity.
- 3) Place the driver module on top of the fixing profiles, driver's side of the plate in line with fixing profile and attach with 2pcs plate screws DIN7981-F KERB Tx25 ZN 4,8x9,5 (included) to the middle line of the fixing profile.



- 4) TIM-sheets are already attached to the bottom of the led module kit. Place led module kit 10mm away from the end cap and fasten to the housing with included Plastofast 3,5x8mm screws (8pcs).



- 5) Connect the LED module wires to the driver according to the connection diagram below (Osram / Philips depending on the driver used).



- 6) Mark the service date (=when the modification was made) on the label reserved for that purpose and attach it onto the driver mounting plate. This date is when the warranty period starts.
- 7) Connect connection cable to terminal block.
- 8) Make sure the cover is placed throughout the gaskets in order to maintain imperviousness of the luminaire and close the cover of the fitting carefully (4x CLICK!).
- 9) Attach new type label on the cover.
- 10) Before connecting the luminaire to mains voltage, a commissioning inspection has to be made according to local standards and instructions. The retrofit kits have been tested for safety upon manufacturing, by conducting the following tests; earth continuity, insulation resistance and function test. If suitable test equipment is available, it is recommended to repeat these tests after installing the Retrofit kit to luminaire.