

RETRO/LMCT/1CH/112090/303

- 33W standalone linear unit to be retrofitted directly into existing luminaire on-site.
- DALI control input having 1%-100% dimming range.
- Unit can be also dimmed using switch-control technology.
- Comes with Clear PC transparent cover which provides both electrical and mechanical protection.
- This RETRO unit is AC/DC compatible.
- Comes with 5 pole connector that has ports for power supply and DALI with 2 outputs that allows easy and quick installation.

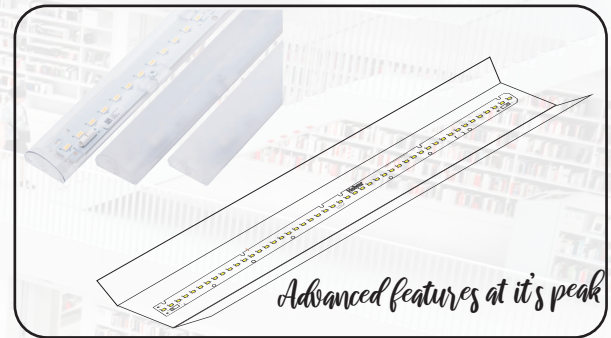
Electronic control gear
& LED technology from

Helvar

LED diffusers
from

Helvar

Connectors from **ELECTRO-
TERMINAL**



Our RETRO solution is one of the most advanced, flexible and highly efficient retrofit kits available in the market today. We offer many different ranges of CCT or Tunable white solutions. Keeping flexibility in focus, we can also make emergency or sensor functionality & even have the provision to include different optics using reflectors or lenses.

Technical Data

Load Wattage (W)	33 W
Input Voltage (V)	220-240V AC 176-280V DC (for DC, starting voltage > 190VDC)
Beam Angle	120° (from source)
Light control	DALI dimmable
LED Module Cover (LMC)	Transparent diffuser — Clear PC (T) 90% light transmittance
Luminous Flux (lm)	5,379 lumens (from source)
Lumen / Watt ratio (lm/W)	All our modules have a lm/W ratio > 163 lm/W
Color Temperature (K)	3000 K
Colour Rendering Index	80
Installation	To be fit directly into existing fixture as gear tray is a standalone unit
Maintenance Cycle	No maintenance required.

Salient Features of the Family

- Secure and easy to install both electrically and mechanically.
- Gear tray is made out of lightweight powder coated aluminium.
- Highly flexible kit with many different variants and possibilities.
- Units are AC-DC compatible.
- Helps you to keep your original fixture untouched whilst allowing much higher efficiency and lumen output compared to LED tubes.
- Guaranteed higher lumen per wattage ratio (>163 lm/W) and ensured faster returns on investment.
- Suitable with self contained or centralized emergency kits.
- Complete solutions in terms of CCT, Dim To Warm or Tunable White & available in different shapes and sizes.
- Wireless control on request.
- Possibility to add diffusers with different materials and light transmittance levels.
- Many configurations with lenses for different applications. For eg — Symmetric or Asymmetric
- **Note:** All our LED modules can be customized according to performance needs, dimensions, types of LED, optics etc.