

## OFFICE - CEILING RECESSED

EFO 1A 002 - 1  
 EFO 1A 002 - 2  
 EFO 1A 004 - 1  
 EFO 1A 004 - 2

EFO 2A 002 - 1  
 EFO 2A 002 - 2  
 EFO 2A 004 - 1  
 EFO 2A 004 - 2

Use cases

TECHNICAL DATA



## SERIE EFO 1A en EFO 2A

EFO LAMP | CEILING | RECESSED

**SELV** **constant CURRENT** **RoHS** **CE**

<b>Luminaire type</b>	Recessed	Standard ceiling system
<b>Maintenance category</b>	B	
<b>Body material</b>	Corrosion protected stainless steel with air vents	Self-ventilation for dust extraction
<b>Body finish</b>	White	RAL901
<b>Optics</b>	Frosted T5 glass	
<b>Control Gear</b>	SELV equiv. constant current LED driver	Fixed output / DALI dimmable
<b>Beam angle</b>	120°	
<b>Electrical connection</b>	3-pole/5-pole push-in terminal block	B/B
<b>Electrical protection</b>	Class I	
<b>Ingress protection</b>	IP20	
<b>Impact resistance</b>	IK07	
<b>Glow wire flammability</b>	850 °C	IEC 60695-2-12
<b>Lamp type</b>	ULUM LEDT5 UG series	T5 exchangeability standard
<b>Electrical safety</b>	SELV equiv.	< 60VDC
<b>Controllability</b>	1% ~ 100%	1-10V / DALI dimmable
<b>Ignition time</b>	< 0.1 second	Instantaneous
<b>Switching cycles</b>	Unlimited	No impact on lifetime

## 1. MAXIMUM RATINGS

Operating temperature	-30 °C ~ +45 °C	
Storage temperature	-40 °C ~ +80 °C	
Lamp rated Tc temperature	+85 °C	See lamp specification
Lamp permissible forward voltage	60VDC	See lamp specification
Lamp permissible constant current	350mA / 700mA	UG3 series / UG5 series
LED Driver rated Tc temperature	+80 °C	See LED Driver specification

## 2. OPTICAL CHARACTERISTICS

Colour code	4000K / 5000K	SDCM 3
Colour rendering index	Ra 83 /	Typical
Lamp Initial flux	4x1,400lm	5600lm
Luminaire optical efficiency	72% / 85%	LOR: Opal diffuser / Aluminium reflector

Note: luminous Flux tolerance +/-10%

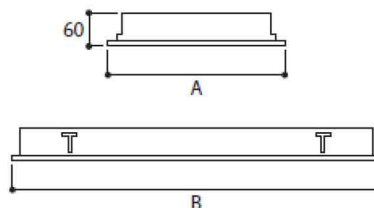
## 3. ELECTRICAL CHARACTERISTICS

System power	38W	Including converter power loss
Lamp power	4x8.5W	UG3-600 series

Note: wattage tolerance +/-5%

## 4. DIMENSIONS

Dimensions	597mmx597 mm / 1197mmx297mm	Edge to edge
Height	60 mm	
Weight	3.9 Kg	Excluding lamps



## 5. INSTRUCTIONS

Please see instruction manual

## 6. PRECAUTIONS

- . Store in its original packing until final installation
- . Maintain in its original carton box within storage temperature between -40 °C and +85 °C
- . Handle with care during on-site installation in accordance with supplier's mounting instructions
- . Switch off main power supply when mounting the lamps in the luminaire on-site
- . Make sure the electrically active part of the lamp is connected to the wired cap in the luminaire
- . Do not exceed maximum ratings
- . Failure to conform to above listed norms, instructions and precautions will render the warranty null & void
- . The warranty is void if the product is not used for the purpose for which it is designed
- . Glass breakage during installation, use and maintenance is not covered by warranty
- . Lamps should be disposed according to national disposal & recycling regulations



## 7. EFO LEDT5 LAMP



**EFO**LEDT5 is not a retrofit tube but an innovative exchangeable lamp delivering excellent energy efficiency and unsurpassed light quality. The frosted glass has a unique diffused surface ensuring minimal glare and a comfortable fluorescent-like aspect. Glass provides superior protection against ingress of corrosive gas and vapours that may cause premature aging or fatal destruction of the LED devices and other electronic components. Glass is also a very stable and durable material showing no discoloration and no mechanical deformation. **EFO**LEDT5 lamps adopt the global G5 standard for connectivity.

## 8. REFERENCES

- EFO 1A 002 - 1 2 stuks van 60 cm UG3 2 x 8.5 W Ceiling recessed linear 600x600 Aluminum Matt Reflector Self ventilation airslot IP20 push-in terminal block easy opening NON dimmable G5 cap
- EFO 1A 002 - 2 2 stuks van 60 cm UG3 - DALI 2 x 8.5 W Ceiling recessed linear 600x600 Aluminum Matt Reflector Self ventilation airslot IP20 push-in terminal block easy opening DALI dimmable G5 cap
- EFO 1A 004 - 1 4 stuks van 60 cm UG3 4 x 8.5 W Ceiling recessed linear 600x600 Aluminum Matt Reflector Self ventilation airslot IP20 push-in terminal block easy opening NON dimmable G5 cap
- EFO 1A 004 - 2 4 stuks van 60 cm UG3 - DALI 4 x 8.5 W Ceiling recessed linear 600x600 Aluminum Matt Reflector Self ventilation airslot IP20 push-in terminal block easy opening DALI dimmable G5 cap
- EFO 2A 002 - 1 2 stuks van 120 cm UG3 2 x 17 W Ceiling recessed linear 1200x300 Aluminum Matt Reflector Self ventilation airslot IP20 push-in terminal block easy opening NON dimmable G5 cap
- EFO 2A 002 - 2 2 stuks van 120 cm UG3 - DALI 2 x 17 W Ceiling recessed linear 1200x300 Aluminum Matt Reflector Self ventilation airslot IP20 push-in terminal block easy opening DALI dimmable G5 cap
- EFO 2A 004 - 1 4 stuks van 120 cm UG3 4 x 17 W Ceiling recessed linear 1200x600 Aluminum Matt Reflector Self ventilation airslot IP20 push-in terminal block easy opening NON dimmable G5 cap
- EFO 2A 004 - 2 4 stuks van 120 cm UG3 - DALI 4 x 17 W Ceiling recessed linear 1200x600 Aluminum Matt Reflector Self ventilation airslot IP20 push-in terminal block easy opening DALI dimmable G5 cap

## AUGMENTED VISION

