

SMARTLED®

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 **SMARTLED**

ALL TOGETHER BRILLIANT



# ReFIT

5  
YEARS  
WARRANTY

**SIMPLE INTEGRATION  
INTO EXISTING  
HOUSINGS, NO NEED  
FOR LUMINAIRE RE-  
CERTIFICATION.**

## Eco-friendly and energy-efficient fluorescent tube retrofit kit

### PLUG & PLAY - EASY TO INSTALL

The new ReFIT luminaire is mounted using magnetic clips—no drilling or screws required!

### NEW STANDARD-COMPLIANT AND TESTED LUMINAIRE

The housing can be retained. Advantages: sustainability and no structural changes to the ceiling required.



**LOWER ENERGY CONSUMPTION**  
at the same brightness! Energy savings of up to 70% (compared to fluorescent tubes) possible!



**SAFETY**  
Standards compliance, reliability, and hazard prevention (no reuse of old sockets, as is sometimes the case with LED tubes).



**ELIGIBLE FOR FUNDING**  
Simply replacing the lamps is usually excluded from environmental funding.



**RAPID PAYBACK**  
Often under one year. Additionally: reduced maintenance costs.



**ENERGY-EFFICIENT WITH SUPERIOR LIGHT QUALITY**  
Flicker-free, highest efficiency (up to 160 lm/W), high CRI.



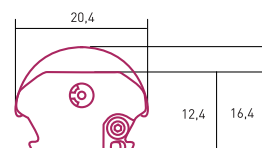
**ENGINEERED IN AUSTRIA**  
Manufactured in Central Europe.



# REFIT retrofit set for fluorescent tubes

Supplied with power supply unit and mounting hardware

- Efficient, flicker-free ceiling lighting
- Plug-and-play solution via Cinch connection system
- High efficiency due to optimized light distribution and integrated thermal management
- Excellent illumination through the combination of SMD LEDs
- Safe operation thanks to Safety Extra-Low Voltage (SELV)
- Cooling profile made of anodized, extruded aluminum
- Moisture protection through sealed modules
- PMMA cover
- Available in 2700 K, 3000 K, 4000 K, 5000 K, 6500 K



## Standards:

- EN 60598-1 (EN Eco Design 2019/2020 (SLR))
- EN 60598-2-1 (EN Energy Labelling 2019/2015 (ELR))
- EN 62031 (EN PRP/HACCP (Food Safety))
- EN 62471 (EN RoHS/Reach)
- EN 60335-2-89 (EN ENEC, UL)



### REFIT SINGLE-LAMP RETROFIT KIT

Colour Temperature (K)	4000
Colour Rendering Index (CRI)	92
Beam angle [°]	120
Mounting type	Surface mounted
Ambient temperature ta [°C]	-30 ... +30
Ingress protection (IP)	54
Rated lifetime L80 B10 (h)	70.000
Width (mm)	20,4
Height (mm)	16,4

DALI ON / OFF

ARTICLE NUMBER	REPLACES (TYPICAL)	POWER (W)	LUMINOUS FLUX (LM/M)	LENGTH (MM)	ENERGY EFFICIENCY
<b>RFS214-2449-00</b>	1 x T5 1450 mm, HO 80 W, 4000 K	24	3970	1450	
<b>RFS214-1547-00</b>	1 x T8 1200 mm, 36 W, 4000 K	15	2600	1170	
<b>RFD214-2449-00</b>	1 x T5 1450 mm, HO 80 W, 4000 K	24	3970	1450	
<b>RFD214-1547-00</b>	1 X T8 1200 MM, 36 W, 4000 K	15	2600	1170	

### REFIT TWO-LAMP RETROFIT KIT

Colour Temperature (K)	4000
Colour Rendering Index (CRI)	92
Beam angle [°]	120
Mounting type	Surface mounted
Ambient temperature ta [°C]	-30 ... +30
Ingress protection (IP)	54
Rated lifetime L80 B10 (h)	70.000
Width (mm)	20,4
Height (mm)	16,4

DALI ON / OFF

ARTICLE NUMBER	REPLACES (TYPICAL)	POWER (W)	LUMINOUS FLUX (LM/M)	LENGTH (MM)	ENERGY EFFICIENCY
<b>RFS224-2449-00</b>	2 x T5 1450 mm, HO 80 W, 4000 K	2 x 24	2 x 3970	1450	
<b>RFS224-1547-00</b>	2 x T8 1200 mm, 36 W, 4000 K	2 x 15	2 x 2600	1170	
<b>RFD224-2449-00</b>	2 x T5 1450 mm, HO 80 W, 4000 K	2 x 24	2 x 3970	1450	
<b>RFD224-1547-00</b>	2 x T8 1200 mm, 36 W, 4000 K	2 x 15	2 x 2600	1170	

### REFIT THREE-LAMP RETROFIT KIT

Colour Temperature (K)	4000
Colour Rendering Index (CRI)	92
Beam angle [°]	120
Mounting type	Surface mounted
Ambient temperature ta [°C]	-30 ... +30
Ingress protection (IP)	54
Rated lifetime L80 B10 (h)	70.000
Width (mm)	20,4
Height (mm)	16,4

DALI ON / OFF

ARTICLE NUMBER	REPLACES (TYPICAL)	POWER (W)	LUMINOUS FLUX (LM/M)	LENGTH (MM)	ENERGY EFFICIENCY
<b>RFS234-0642-00</b>	3 x T8 600 mm, 18 W, 4000 K	3 x 5,5	3 x 900	562	
<b>RFD234-0642-00</b>	3 x T8 600 mm, 18 W, 4000 K	3 x 5,5	3 x 900	562	

### REFIT FOUR-LAMP RETROFIT KIT

Colour Temperature (K)	4000
Colour Rendering Index (CRI)	92
Beam angle [°]	120
Mounting type	Surface mounted
Ambient temperature ta [°C]	-30 ... +30
Ingress protection (IP)	54
Rated lifetime L80 B10 (h)	70.000
Width (mm)	20,4
Height (mm)	16,4

DALI ON / OFF

ARTICLE NUMBER	REPLACES (TYPICAL)	POWER (W)	LICHTSTROM (LM/M)	LENGTH (MM)	ENERGY EFFICIENCY
<b>RFS244-0642-00</b>	4 x T8 600 mm, 18 W, 4000 K	4 x 5,5	4 x 900	516	
<b>RFD244-0642-00</b>	4 x T8 600 mm, 18 W, 4000 K	4 x 5,5	4 x 900	516	