



MAGFIT SERIES : LED UNIVERSAL RETROFIT KIT

DESCRIPTION

The MagFit T8/T12 LED Universal Retrofit Kit (URK) installs directly into existing Linear and Troffer type fixtures, providing a cost effective means to transition into DesignLights Consortium, Premium listed, LED lighting without having to replace existing fixtures. After the removal of the fluorescent tubes and tombstones from the existing fixtures, the ballast is removed or simply bypassed. The unique design of the URK light bars are secured to the interior of the existing housing with the use of powerful magnets and mechanical screws. The number of light bars installed within each fixture depends on the amount of light desired by the customer. A power cable is plugged into the end of each MagFit, with the other end of the cable being connected directly to incoming power. If the double-ended Magfits are being installed, the power cable is plugged into the end of the first MagFit in each run. Jumper cables are used to provide end-to-end power to the remaining MagFits in the run (up to 800W per run).

FEATURES

- Quick installation (magnetic/mechanical mounting)
- Over 40% savings of lighting energy cost
- Suitable for both dry and damp locations
- Years of operation without having to change a lamp
- No hazardous metals, mercury or chemicals
- No flicker, buzz or strobing
- Rugged, glass-free construction

LISTINGS

- DesignLights Consortium® Premium Qualified - meets the requirements for the highest DLC qualification for efficacy and lumen maintenance
- LM-80
- ROHS Compliant
- LM-79
- UL1598

PERFORMANCE

- L70: 54,000 hours
- 3000K, 4000K, 5000K CCT
- CRI: 80+

ELECTRICAL

- Input voltage: 100-277V
- Power Factor: >0.9
- THD: <20%
- 0-10V continuous dimming (below 10%) with genderless connectors between fixtures

THERMAL

- -4° F to 110° F (-20°C to 43°C) operating temperature

CONSTRUCTION

- Aluminum and PC

WARRANTY

- 5 year limited warranty; see eiko.com for warranty details

project name	type
catalog number	
comments	voltage
approved by	date



APPLICATIONS

- Offices & general lighting
- Government buildings, schools & hospitals
- T-Grid ceilings
- Retail, grocery stores & restaurants
- Production & storage facilities



ORDERING INFORMATION

EXAMPLE: XRURK02-12W30B-SYWS

Model	Size	Wattage	CCT	CRI	Voltage	Dimming	Lens	End Feed
XRURK : MagFit Series - LED universal retrofit kit	02 - 2' 04 - 4'	12W 16W 18W 28W	30 - 3000K 40 - 4000K 50 - 5000K	B - 80 CRI	S - 100-277V	Y - 0-10V	W - White Opaque	S - Single D - Double

PERFORMANCE SUMMARY

Item #	Watts	Lumens*	CCT	CRI	Volts	End Feed	Lens	Dimming	DLC Premium
XRURK02-12W30B-SYWS	12W	1,593 lm	3000K	80+	100-277V	Single	White	0-10V	✓
XRURK02-12W40B-SYWS	12W	1,584 lm	4000K	80+	100-277V	Single	White	0-10V	✓
XRURK02-12W50B-SYWS	12W	1,608 lm	5000K	80+	100-277V	Single	White	0-10V	✓
XRURK02-12W30B-SYWD	12W	1,593 lm	3000K	80+	100-277V	Double	White	0-10V	✓
XRURK02-12W40B-SYWD	12W	1,584 lm	4000K	80+	100-277V	Double	White	0-10V	✓
XRURK02-12W50B-SYWD	12W	1,608 lm	5000K	80+	100-277V	Double	White	0-10V	✓
XRURK04-16W30B-SYWS	16W	2,160 lm	3000K	80+	100-277V	Single	White	0-10V	✓
XRURK04-16W40B-SYWS	16W	2,240 lm	4000K	80+	100-277V	Single	White	0-10V	✓
XRURK04-16W50B-SYWS	16W	2,320 lm	5000K	80+	100-277V	Single	White	0-10V	✓
XRURK04-16W30B-SYWD	16W	2,160 lm	3000K	80+	100-277V	Double	White	0-10V	✓
XRURK04-16W40B-SYWD	16W	2,240 lm	4000K	80+	100-277V	Double	White	0-10V	✓
XRURK04-16W50B-SYWD	16W	2,320 lm	5000K	80+	100-277V	Double	White	0-10V	✓
XRURK04-18W30B-SYWS	18W	2,430 lm	3000K	80+	100-277V	Single	White	0-10V	✓
XRURK04-18W40B-SYWS	18W	2,484 lm	4000K	80+	100-277V	Single	White	0-10V	✓
XRURK04-18W50B-SYWS	18W	2,520 lm	5000K	80+	100-277V	Single	White	0-10V	✓
XRURK04-18W30B-SYWD	18W	2,430 lm	3000K	80+	100-277V	Double	White	0-10V	✓
XRURK04-18W40B-SYWD	18W	2,484 lm	4000K	80+	100-277V	Double	White	0-10V	✓
XRURK04-18W50B-SYWD	18W	2,520 lm	5000K	80+	100-277V	Double	White	0-10V	✓
XRURK04-28W30B-SYWS	28W	3,780 lm	3000K	80+	100-277V	Single	White	0-10V	✓
XRURK04-28W40B-SYWS	28W	3,864 lm	4000K	80+	100-277V	Single	White	0-10V	✓
XRURK04-28W50B-SYWS	28W	3,759 lm	5000K	80+	100-277V	Single	White	0-10V	✓
XRURK04-28W30B-SYWD	28W	3,780 lm	3000K	80+	100-277V	Double	White	0-10V	✓
XRURK04-28W40B-SYWD	28W	3,864 lm	4000K	80+	100-277V	Double	White	0-10V	✓
XRURK04-28W50B-SYWD	28W	3,759 lm	5000K	80+	100-277V	Double	White	0-10V	✓

*NOTE: Typical lumens shown reflect MagFit's testing results in a linear fixture

DIMENSIONS

Length	Fixture			Packaged	
	Weight	Length	Diameter	Weight	Length
2'	9 Ounces	23-5/8"	1-5/16"	13 Ounces	25-3/4"
4'	16 Ounces	44-1/2"		21.5 Ounces	51-1/2"

INCLUDED ACCESSORIES

Item #	Description
WH-018-MM-049	Incoming Power Cable (28-1/2")
WH-CAB-MW-189	Short Double-Ended Jumper (8")
MC-005-21-113	Magnetic Brackets (2)
EC-001-70-317	Dimming Line Connector

AVAILABLE ACCESSORIES

Item #	Description
WH-CAB-MW-180	Long Double-Ended Jumper (20 1/2")

INSTALLATION DESCRIPTION

Remove old tubes and tombstones from the fixture. Remove or bypass the ballast. Wire incoming power to the provided power cable; plug the cable into the MagFit(s). Snap the provided magnetic brackets onto the MagFit tube. Position the MagFit tube into the fixture; the magnets hold it in place. Secure the provided screws through the magnetic brackets for additional security. If a daisychain configuration is desired, use a straight slot screwdriver to pry out the plug(s) in the endcap(s). Use jumper cables to connect power from one MagFit to the next. Up to 800W can be powered within a single chain. See eiko.com for complete installation instructions.