

Relamping Kit

LightMAX | High power lighting solutions



RED integrating
lighting
technologies

a brand by

UNIVERSAL  SCIENCE

Relamping Kit
Via Il Giugno
Certaldo (FI)



Relamping Kit

Main Features

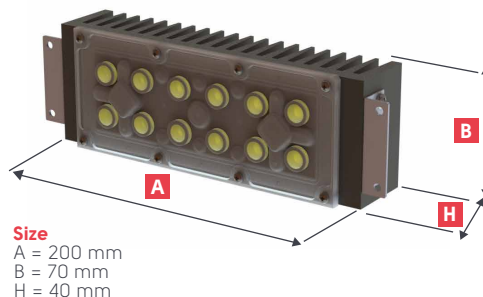
Relamping Kit by RED - Integrating Lighting Technologies

is the LED lighting solution designed to optimally replace inefficient old sources in existing luminaires.

Suitable for any type of structure, retrofitting allows traditional light fixture to be preserved by adapting them to modern LED technologies.

The heart of the system is made up of the **2x6 RED module** of the **LightMAX** series, the product family that identifies the high-power solutions of **Universal Science**.

- Flexibility and adaptability to existing structures.
- Designed for maximum reliability.
- Reduction of intervention and maintenance costs.
- Anodized aluminum structure.
- Made in Italy design and LED modules.
- Easy installation with no structural changes.



Il Relamping Kit di RED – Integrating Lighting Technologies

è la soluzione d'illuminazione LED studiata per sostituire in maniera ottimale vecchie sorgenti inefficienti in apparecchi già installati. In grado di adattarsi a ogni tipo di struttura, il retrofitting permette di conservare i corpi illuminanti tradizionali adattandoli alla moderne tecnologie a LED.

Il cuore del sistema è costituito dal **modulo RED 2x6** della serie **LightMAX**, la famiglia di prodotti che identifica le soluzioni ad alta potenza di **Universal Science**.

- Flessibilità ed adattabilità alle strutture esistenti.
- Progettati per la massima affidabilità.
- Riduzione dei costi d'intervento e di manutenzione.
- Struttura in alluminio anodizzato.
- Design e moduli LED made in Italy.
- Facilità d'installazione senza modifiche strutturali.

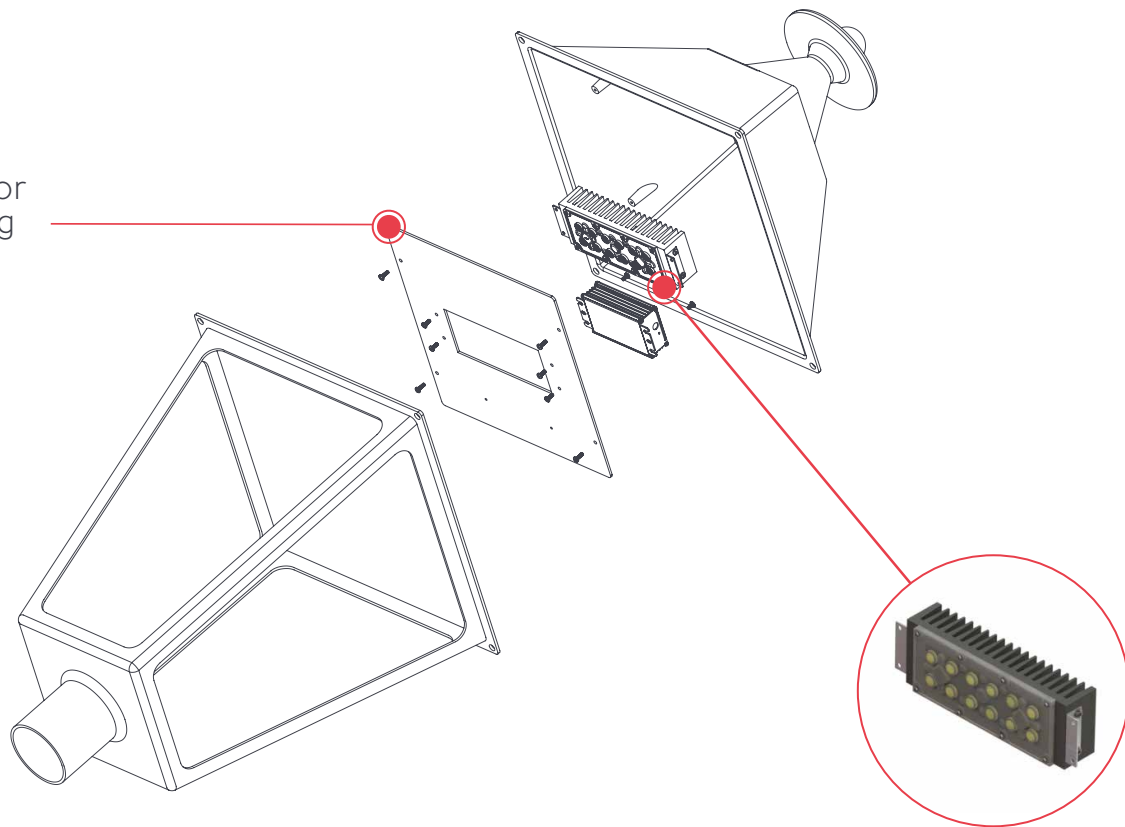
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Application examples: street lighting luminaires

Adapter plate for
specific lighting
fixture



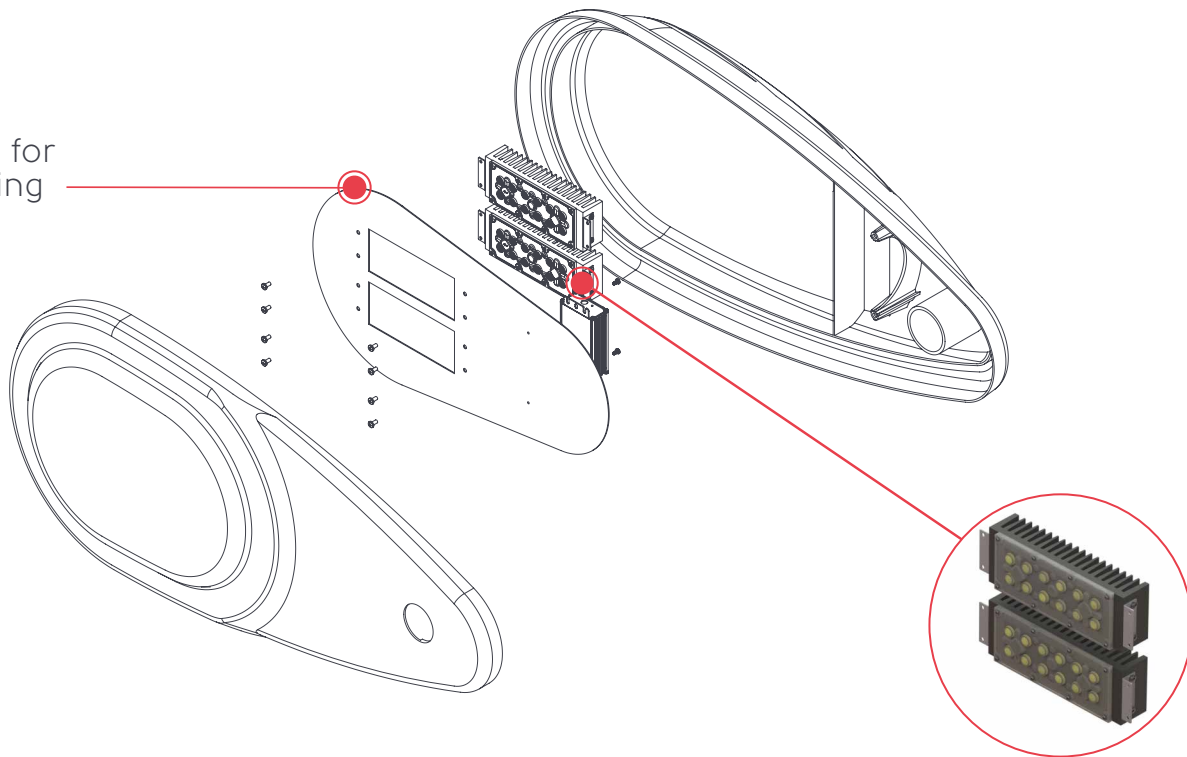


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Relamping Kit

Application examples: street lighting luminaires

Adapter plate for
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Relamping Kit

Technical features

Power	from 12W to 50W
LED Efficiency	up to 200 l/W
Nominal luminous flux	up to 8800 lm
Operating Temperature	-25°C +55°C
CCT (K)	2200K, 2700K, 3000K, 4000K, 5700K (others on request)
CRI	70 (80, 90 available on request)
Binning	5 Step MacAdam (3 Step available on request)
Modularity	Up to 6 led modules in series
Life time	up to 100.000 hrs (L90B10, Ta=25°C @700mA)



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Power supply type

LED Driver

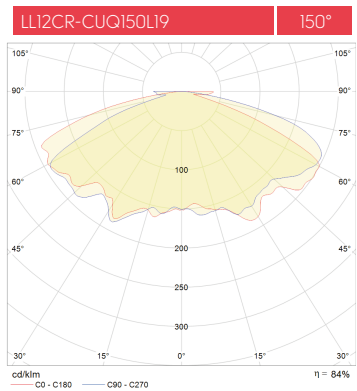
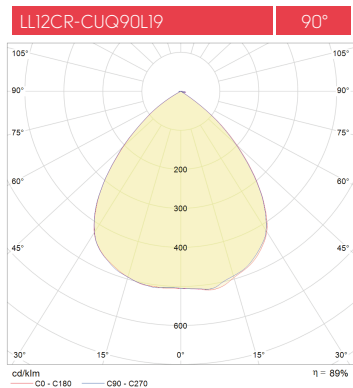
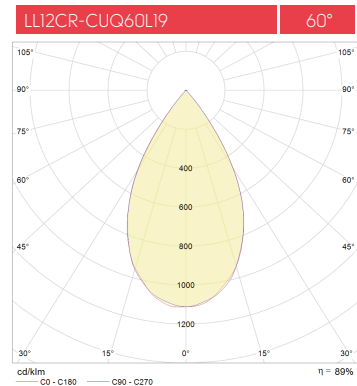
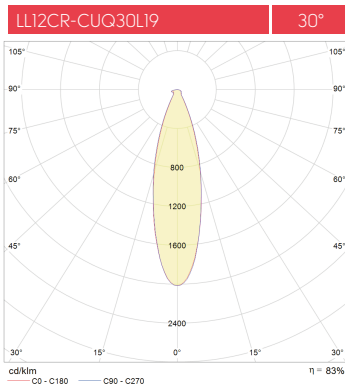
50W, 100-277Vac Input
NFC Programmable
Surge Immunity 10kV
7 Year Warranty @ Tc<=75°C
>100,000Hour Life @ Tc=75°C
UL, ENEC



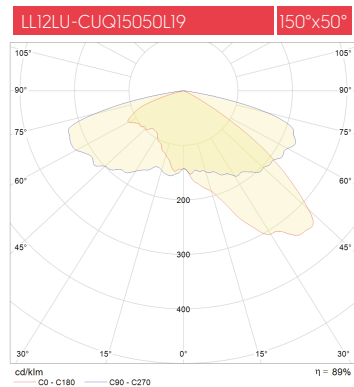
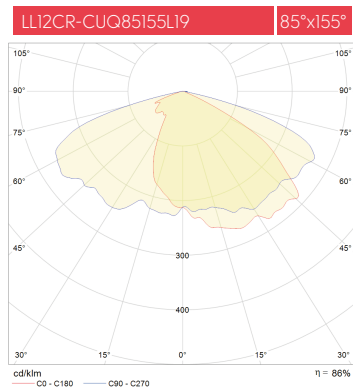
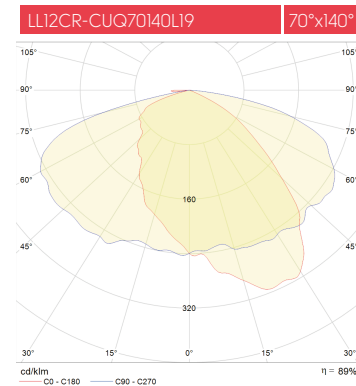
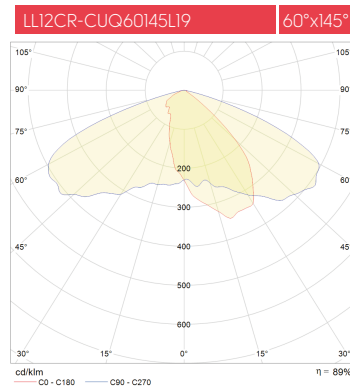
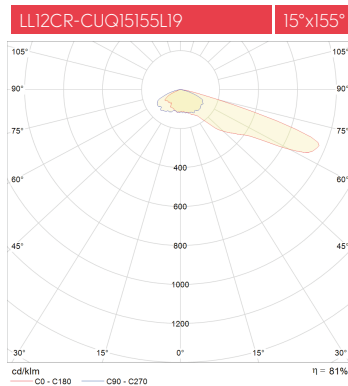
Codice	CCT [K] 70CRI	Drive current [mA]	Flux @ Tj=75°C [lm] (Source)	Lm/W @Tj=75°C (Source)	Lm/W System	Potenza [W]
F0004034404010	4000K	500	3418	206	>175	16,60
F0004034404010	4000K	700	4700	200	>170	23,50
F0004034404010	4000K	1050	6875	185	>158	37,00
F0004034404010	4000K	1400	8800	160	>136	50,00

L/W system = including driver and optics

Photometric features: symmetrical version



Photometric features: asymmetrical version



RED Relamping Kit guarantees an excellent luminous flux and the maximum system reliability: from 12W to 50W **LED module**, LedLink's CUQ series **optics** with IP66 waterproof gasket, anodized aluminum and high efficiency **heat sink** and Upowertek's ENEC certified **LED driver**.

Il **Relamping Kit di RED** garantisce un ottimo flusso luminoso e la massima affidabilità del sistema: **modulo LED** da 12W a 50W, **ottiche** LedLink della serie CUQ con guarnizione waterproof IP66, **dissipatore** ad alta efficienza in alluminio anodizzato e **alimentatore** Upowertek certificato ENEC.

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