

# CERTIFICATE

Number: **2134366.01**

Issued to:  
Applicant:  
**Hadler GmbH**  
**Fritzlärer Straße 19**  
**34587, Felsberg, Germany**



Manufacturer/Licensee:  
**Hadler GmbH**  
**Fritzlärer Straße 19**  
**34587, Felsberg, Germany**

Products : luminaires with fluorescent lamps  
Trade name : LUXSYSTEM  
models : SL67.2 xxx

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

KEMA Quality hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 60598-1:2008; EN 60598-2-1:1989
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 997596

KEMA Quality hereby grants the right to use the ENEC KEMA-KEUR certification mark.

The ENEC KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the ENEC KEMA-KEUR certification agreement and under the conditions of the ENEC KEMA-KEUR certification agreement.

This certificate is issued on: October 12, 2010 and expires upon withdrawal of one of the above mentioned standards.

KEMA Quality B.V.

drs. G.J. Zoetbrood  
Managing Director

H.J. Brouwer  
Certification Manager

ACCREDITED BY  
THE DUTCH COUNCIL  
FOR ACCREDITATION



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## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

product	:	luminaires with fluorescent lamps
trade name	:	LUXSYSTEM
types	:	7 L 114 XYZ 7 L 121 XYZ 7 L 124 XYZ 7 L 128 XYZ 7 L 135 XYZ 7 L 139 XYZ 7 L 149 XYZ 7 L 154 XYZ 7 L 180 XYZ
rated voltage	:	220-240 V
nature of supply	:	ac/dc
rated frequency	:	50-60 Hz
class	:	I
temperature range (ta)	:	-15...+40 °C
degree of protection	:	IP67

### Additional information

- for fixed connection with plug connector to the supply
- the suffix "X" in the type designation is indicating the protection tube. "0" = with, "1" = without
- the suffix "y" in the type designation is for the different variations of colours and through wiring (with or without)
- the last suffix "z" in the type designation is indicating the electronic ballast. "0" = standard, "3" = dimmable

### Product data - type 7 L 114 XYZ

rated wattage and lamp : 1 x 14 W T5

### Product data - type 7 L 121 XYZ

rated wattage and lamp : 1 x 21 W T5

### Product data - type 7 L 124 XYZ

rated wattage and lamp : 1 x 24 W T5

### Product data - type 7 L 128 XYZ

rated wattage and lamp : 1 x 28 W T5

### Product data - type 7 L 135 XYZ

rated wattage and lamp : 1 x 35 W T5

**Product data - type 7 L 139 XYZ**  
rated wattage and lamp : 1 x 39 W T5

**Product data - type 7 L 149 XYZ**  
rated wattage and lamp : 1 x 49 W T5

**Product data - type 7 L 154 XYZ**  
rated wattage and lamp : 1 x 54 W T5

**Product data - type 7 L 180 XYZ**  
rated wattage and lamp : 1 x 80 W T5

## TESTS

### Test requirements

EN 60598-1:2008 + A11:2009  
EN 60598-2-1:1989

### Test results

The test results are laid down in KEMA Quality test file 2134366.01.

### Conclusion

The examination proved that all test requirements were met.

Tested by : M. Müller

Checked by : T. Drost



### Factory location

Hadler GmbH  
Fritzlarer Straße 19, 34587, Felsberg  
Germany

## List of components

Component	trade name	type/model	approval mark <sup>1)</sup>
electronic ballast	Hadler	4 P 135 11 0 1x 14,21,28,35 W	ENEC
electronic ballast	Hadler	4 P 139 11 0      1 x 24,39 W	ENEC
electronic ballast	Hadler	4 P 149 11 0      1 x 49 W	ENEC
electronic ballast	Hadler	4 P 154 11 0      1 x 54 W	ENEC
electronic ballast	Hadler	4 P 180 11 0      1 x 80 W	ENEC
electronic ballast	Hadler	4 P 135 11 5 1 x 14, 21, 28, 35 W	ENEC
electronic ballast	Hadler	4 P 139 11 5      1 x 24,39 W	ENEC
electronic ballast	Hadler	4 P 149 11 5      1 x 49 W	ENEC
electronic ballast	Hadler	4 P 154 11 5      1 x 54 W	ENEC
electronic ballast	Hadler	4 P 180 11 5      1 x 80 W	ENEC
connector	Hadler	SV67.2, 250 V/10 A	KEMA
lampholder	BJB	26.641.2003.5 (G5) 26.641.2004.5 (G5)	ENEC ENEC
internal wiring	various	H05V-U, 1x 0,5 mm <sup>2</sup>	VDE
internal wiring	various	H05V-K, 1x 0,5...1,0 mm <sup>2</sup>	VDE
external wiring	various	JB-500, 1,0 mm <sup>2</sup>	VDE
external wiring	various	H05RN-F, 1,0 mm <sup>2</sup>	VDE

<sup>1)</sup> \* indicates a component tested as part of the appliance