

## IT DIM 60/HF LS/PD KIT

ICUTRONIC DIM (non-isolated) Sensor KIT | Linear / Area Constant Current – Dimmable



### Product family features

- Flexible with 1 driver offers 4 output currents
- Low THD <10% @ full load
- Input voltage: 220 – 240 VAC
- Ambient temp range ta: -25 to +50 °C
- Low LF-ripple < 5%
- 5 years guarantee\*
- Non-isolated drivers
- HF LI Sensor (Light- and motion detection via radar)
- StepDIM function for different light levels
- Different operating modes for daylight- or motion-dependent switching selectable
- Motion detection range adjustable
- Detection height up to 6 meter

### Product family benefits

- KIT including driver, HF Sensor and cabling
- Non isolated system for energy saving applications
- High quality light with very low ripple
- Very high efficiency
- Enable slim fixture design with flat 21 mm height metal housing
- Long lasting and high reliability

## Areas of application

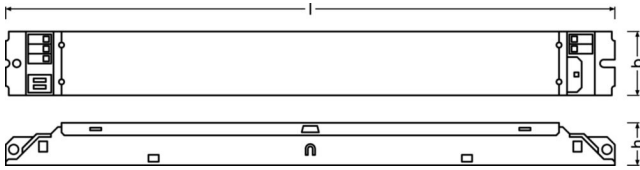
- Linear and area lighting
- Industrial, retail and parking garage lighting

## Technical data

### Electrical data

Nominal input voltage	220...240 V
Mains frequency	50 / 60 Hz
Input voltage AC	198...264 V
Total harmonic distortion	< 10 %
Power factor $\lambda$	0.98
Efficiency in full-load	92 %
Device power loss	6.0 W
Networked standby power	<0.50 W
Inrush current	28.8 A
Max. ECG no. on circuit breaker 10 A (B)	14
Max. ECG no. on circuit breaker 16 A (B)	23
Surge capability (L-N)	1 kV
Surge capability (L/N-Ground)	2 kV
Nominal output voltage	90...175 V
U-OUT (working voltage)	< 250 V
Nominal output current	200 mA / 250 mA / 300 mA / 350 mA
Default output current	200 mA
Output current tolerance	$\pm 7.5$ %
Output ripple current (100 Hz)	< 5 %
Output PSTLM	<1
Output SVM	<0.4
Nominal output power	18...61.3 W
Maximum output power	61.3 W

## Dimensions & weight



<b>Product weight</b>	168.00 g
<b>Length</b>	280.0 mm
<b>Width</b>	30.0 mm
<b>Height</b>	21.0 mm
<b>Cable cross-section, input side</b>	0.5...1.5 mm <sup>2</sup>
<b>Cable cross-section, output side</b>	0.5...1.5 mm <sup>2</sup>
<b>Wire preparation length, input side</b>	8.0...9.0 mm
<b>Wire preparation length, output side</b>	8.0...9.0 mm

## Colors & materials

<b>Casing material</b>	Metal
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## Temperatures & operating conditions

<b>Ambient temperature range</b>	-25...+50 °C
<b>Maximum temperature at tc test point</b>	80 °C
<b>Max.housing temperature in case of fault</b>	110 °C
<b>Temperature range at storage</b>	-40...+85 °C
<b>Permitted rel. humidity during operation</b>	5...85 % <sup>1)</sup>

1) Maximum 56 days/year at 85 %

## Lifespan

<b>ECG lifetime</b>	100000 h
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## Additional product data

<b>Encapsulated</b>	No
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## Capabilities

<b>Control interface</b>	proprietary
<b>Dimmable</b>	Yes
<b>Dimming interface</b>	proprietary
<b>Dimming range</b>	10...100 %
<b>Dimming method</b>	Step Dim
<b>Max. cable length to lamp/LED module</b>	2.0 m <sup>1)</sup>
<b>Suitable for fixtures with prot. class</b>	I
<b>Suitable for emergency lighting</b>	No
<b>Type of connection, input side</b>	Push terminal
<b>Type of connection, output side</b>	Push terminal
<b>Number of channels</b>	1
<b>Overheating protection</b>	Automatic reversible
<b>Overload protection</b>	Automatic reversible
<b>Short-circuit protection</b>	Automatic reversible
<b>Intended for no-load operation</b>	No
<b>No-load proof</b>	Yes

1) Output wires must be routed as close as possible to each other

## Programming

Tuner4TRONIC	No
Tuner4TRONIC Field App	No
Box programming	No

## Certificates & standards

Approval marks – approval	BIS / CCC / CE / RCM / ENEC
Standards	IEC 61347-1 / IEC 61347-2-13 / IEC 62384 / IEC 61000-3-2 / IEC 61000-3-3 / IEC 61547

## Logistical data

Commodity code	85044083900
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## Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	31-03-2026
Primary Article Identifier	4062172360289   6937186111791
Declaration No. in SCIP database	In work
SCIP_STATUS	In work
SCIP_ID	

## Ecodesign regulation information:

Intended for use with LED modules.

The forward voltage of the LED light source shall be within the defined operating window of the control gear in all operating conditions including dimming if applicable.

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

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## Download Data

File		
User instruction	PDF	▶ UI IT DIM HF LS PD KIT

## Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
6937186111791 INVENTRONICS	IT DIM 60/HF LS/PD KIT	Shipping carton box 10 Pieces	347 x 237 x 108 mm	8.88 dm <sup>3</sup>	216.90 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit

## Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.