



# IECEx Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.:	<b>IECEx FIDI 25.0012</b>	Page 1 of 3	<a href="#">Certificate history:</a>
Status:	<b>Current</b>	Issue No: 0	
Date of Issue:	2025-08-27		
Applicant:	<b>TEPEX d.o.o.</b> Medarska 69 Hr-10090 Zagreb <b>Croatia</b>		
Equipment:	<b>Floodlight type RLF 320 LED - ./.</b>		
Optional accessory:			
Type of Protection:	<b>Flameproof enclosure 'db'; Increased safety 'eb'; Protection by enclosure 'tb'</b>		
Marking:	Ex db eb IIC T4 Gb Ex tb IIIC T100°C Db		

Approved for issue on behalf of the IECEx  
Certification Body:

**Marino Kelava**

Position:

**Certification Signatory**

Signature:  
(for printed version)

Date:  
(for printed version)

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting [www.iecex.com](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**Fiditas Ltd**  
**Slavka Tomerlina 44**  
**Zagreb-Sesvete HR-10361**  
**Croatia**



**Fiditas**  
explosion safety solutions



# IECEx Certificate of Conformity

Certificate No.: **IECEx FIDI 25.0012**

Page 2 of 3

Date of issue: 2025-08-27

Issue No: 0

Manufacturer: **TEPEX d.o.o.**  
Medarska 69  
Hr-10090 Zagreb  
**Croatia**

Manufacturing  
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

## STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

[IEC 60079-1:2014](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition:7.0

[IEC 60079-31:2013](#) Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"  
Edition:2

[IEC 60079-7:2017](#) Explosive atmospheres - Part 7: Equipment protection by increased safety "e"  
Edition:5.1

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

## TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[HR/FIDI/ExTR25.0012/00](#)

Quality Assessment Report:

[IT/CES/QAR16.0001/08](#)



# IECEx Certificate of Conformity

Certificate No.: **IECEx FIDI 25.0012**

Page 3 of 3

Date of issue: 2025-08-27

Issue No: 0

## EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The floodlight consists of an 'eb/tb' aluminium enclosure with built-in:

- 'db/eb' LED modules, type LEDEx 04, manufactured by TEPEX d.o.o. (Ex db eb IIC Gb, HR/FIDI/ExTR25.0011/00),
- 'db/tb' driver enclosure with built-in LED driver and
- 'eb/tb' junction box, type PLFS N LED, manufactured by TEPEX d.o.o., with built-in 'eb' terminal blocks type: CMC 1-2, manufactured by Connectwell Industries Pvt. (Ex eb IIC Gb; IECEx SIR 20.0046U).

The driver enclosure is connected to the floodlight enclosure with 'db' bushing, type RSM 21, manufactured by TEPEX d.o.o. The floodlight enclosure is connected to the junction box with an 'eb' bushing M20. Sealing of the bushings is ensured by using silicone seals at the connection point.

Installation of the floodlight is only permitted in operating positions from 0° to +135°.

Certified cable glands in the 'eb/tb' protection type, with a mechanical protection degree of IP66, are used for cable entry.

For other details see Annex 1.

## SPECIFIC CONDITIONS OF USE: NO

### Annex:

[IECEx FIDI25.0012\\_00 Annex1.pdf](#)

Continued from original certificate

## Type marking:

RLF 320 LED	-	.	/	.	
					- Basic type
					- Power of floodlight
					1 – 250 VA
					2 – 320 VA
					- Radiation curve label
					1 – wide beam (120° / ± 60° - 50% I max)
					2 – narrow beam (20°/±10° - 50% I max)

## Technical data:

Rated voltage $U_r$ :	110 - 240 V, 50/60 Hz
Rated power:	RLF 320 LED-1/. - $P_{in} = 250$ VA RLF 320 LED-2/. - $P_{in} = 320$ VA
Ambient temperature:	-40 to +40°C for $P_{max} = 320$ VA -40 to +50°C for $P_{max} = 250$ VA
Ingress protection:	IP 66
Operating position:	from 0° (horizontal) to +135°

## Warning markings:

“WARNING  
DO NOT OPEN WHEN ENERGIZED  
SEE INSTALLATION INSTRUCTION DOCUMENT”