

LABORATORIO OFICIAL J. M. MADARIAGA



1 LON LOEU-TYPE EXAMINATION CERTIFICATE

2 Equipment or Protective System Intended for use in Potentially Explosive Atmospheres

3 LOM LOEU-Type Examination Certificate Number LOLOM 19ATEX1068X

4 LON LO Product ON LON LON LON LON LON LON LON LO Floodlight LED
Types FLD **

5 Manufacturer Shomal Eng & Mfg (Pirooz) Co.

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

Laboratorio Oficial J.M. Madariaga (LOM), Notified Body number 0163, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report No LOM 18.571H

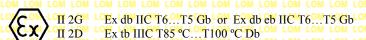
9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

Standards EN 60079-0:2012+A11:2013 EN 60079-1:2014 EN 60079-7:2015 EN 60079-31:2014

except in respect of those requirements listed at item 18 of the schedule.

This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

The marking of the product shall include the following:



Getafe, OM LOM LOM

Digitally signed by:

Certification committee

(This document may only be reproduced in its entirety and without any change)





Page 1/2



LABORATORIO OFICIAL J. M. MADARIAGA

SCHEDULE

14 EU-Type Examination Certificate number: LOM 19ATEX1068X

Description of product

The LED hosing has a transparent part based on flat tempered glass cemented in a threaded ring that forms the cover of this enclosure.

The electrical connection between compartments is made with specific bushings.

Variants are coded FLD ***, where *** indicates the LED drive factory-set power in W

0	LEDs supply power (W)	95	125	145	180	220	95	125	145	180	220
0	Temperature class	OM LOM	LOW LOW	Т6	LOM	LOW LOW	LOW LOW	Т6	LOM	OM LOM	Γ5
0	Maximum surface temperature	OM LOM	LOM LOM	LOM LOM	LOM LOM T85 °CM LOM L			T100°C			
0	LoAmbient temperature range on I	OM LOM	LO-30°C	<u>≤ Ta ≤ +4</u>	ŀ0°C	LOM LOM	LOM LOM	LC-30°C	≤Ta≤	+55°C	LOM LOM

The enclosure complies with the degree of protection IP66 according to EN 60529

Report number LOM 18.571H

Individual tests

17 Specific conditions of use

The driver power setting can only be done in factory

M Lo Essential Health and Safety Requirements

Essential Health and Safety Requirements (EHSRs) are covered by the standards listed at item 9.

9 Drawings and documents

Number Low Low Low Low Low Low	Sheets	Issue	LOMDate LON	LOM LOM LOM LODescription LOM LOM LOM LOW
FLD Driver enclosure (sheet 1/11) LOM LOM	LOM1 LOM	LONALOM	2020-01-27	Driver enclosure OM LOM LOM LOM LOM LOM
FLD Driver housing cover (sheet 2/11) LOM	LOM1 LOM	LONALOM	2020-01-27	Driver-housing cover OM LOM LOM LOM LOM
FLD Terminal housing cover (sheet 3/11)	LOM ₁ LOM	LOMALOM	2020-01-27	Terminal housing cover LOW LOW LOW LOW
FLD heat dissipater (sheet 4/11)	LOMILOM	A	2020-01-27	Heat dissipater
FLD Glass (sheet 5/11)	LOMILOM	A	2020-01-27	Glass
FLD Front ring (sheet 6/11) N LOW LOW LOW	LOM1LOM	LONALOM	2020-01-27	COM
FLD External cable bushing (sheet 7/11) LOM	LOM1 LOM	LONALOM		External cable bushing LOM LOM LOM LOM LO
FLD Internal cable bushing (sheet 8/11) LOM	LOM1 LOM	LONALOM	2020-01-27	Internal cable bushing M LOM LOM LOM LO
FLD Certification label (sheet 9/11) LOW	LOM ₁ LOM	LOMALOM	2020-01-27	Marking label LOM LOM LOM LOM LOM LO
FLD Flameproof joints (sheet 10/11)	LOM1LOM	LONALON	2020-01-27	Flameproof joints
FLD General arrangement (sheet 11/11)	LOMILOM	A	2020-01-27	General arrangement
WI-30(PCD-P-01)/00 on ton ton ton	LON12 OM	LOMOLOM	2020	Operating instructions Operating instructions Operating instructions Operations Operating instructions Operations Operati