

PID:

04010010

CID:

C.1993.4939

## Certificato di approvazione

### Approval certificate



**IMQ, ente di certificazione accreditato,  
autorizza la ditta**

*IMQ, accredited certification body, grants to*

PRD N° 005B

Membro degli Accordi di Mutuo  
Riconoscimento EA, IAF e ILAC  
Signatory of EA, IAF and ILAC  
Mutual Recognition Agreements

**IVELA SPA  
VIA BRUNO BUOZZI 15  
20060 LISCATE MI  
IT - Italy**

**all'uso del marchio**

*the licence to use the mark*

**ENEC 03,IMQ**



**Il presente certificato è stato rilasciato sotto la presunzione e subordinatamente al fatto che il concessionario detenga tutti i necessari diritti legali relativi ai prodotti presentati per le prove e la certificazione, descritti nell'Allegato al presente certificato; inoltre, esso è soggetto alle condizioni previste nel Regolamento "MARCHI IMQ - Regolamento per la certificazione di prodotti".**

**La validità dei certificati ENEC è verificabile sul sito [www.enec.com](http://www.enec.com)**

*This certificate has been issued under the presumption and conditional on the fact that the licensee holds all necessary legal rights with regard to the products presented for testing and certification, and listed in the annex to this certificate; moreover, it is subjected to the conditions foreseen by Rules "IMQ MARKS - RULES for product certification".*

*Validity of ENEC licences can be checked at [www.enec.com](http://www.enec.com)*

**per i seguenti prodotti**

**Apparecchi di illuminazione da  
incasso  
( Serie RA 8 )**

*for the following products*

*Recessed luminaires  
( Serie RA 8 )*

*Emesso il | Issued on* **2013-05-23**

*Aggiornato il | Updated on* **2017-11-17**

*Sostituisce | Replaces* **2015-02-20**

**IMQ S.p.A.**

**Allegato - Certificato di approvazione**  
**Annex - Approval certificate**

*Emesso il / Issued on* 2013-05-23  
*Aggiornato il / Updated on* 2017-11-17  
*Sostituisce / Replaces* 2015-02-20

**Prodotto | Product**

**Apparecchi di illuminazione da incasso**  
**Recessed luminaires**

**Concessionario | Licence Holder**

**IVELA SPA**  
**VIA BRUNO BUOZZI 15**  
**20060 LISCATE MI**  
**IT - Italy**

**Marchio | Mark**



ENEC  
03,IMQ

**Costruito a | Manufactured at**

95001426	CLALIV.C04LCIVEL+1	20060	LISCATE	MI	Italy
99000769	CLALIV.C04LCMACS+1	20060	TRUCCAZZANO	MI	Italy
PLJ000DE	C02749402	20067	TRIBIANO	MI	Italy
95001448	CLALIV.C04LCSPPM+1	25050	PROVAGLIO D'ISEO	BS	Italy

*Copia del presente certificato deve essere conservata presso i luoghi di produzione sopra elencati.*

*Copy of this certificate must be available at the manufacturing places listed above*

**Norme / Specifiche tecniche**

**Prodotto/i conforme/i alle Norme/Specifiche tecniche:**

*EN 60598-1:2015*  
*EN 60598-2-2:2012*  
*IEC/TR 62778:2014*  
*EN 62493:2015*  
*Limitazioni ENEC all. B*

**Standards / Technical specifications**

**Product/s complying to Standards/Technical specifications:**

*EN 60598-1:2015*  
*EN 60598-2-2:2012*  
*IEC/TR 62778:2014*  
*EN 62493:2015*  
*ENEC Limitation encl. B*

**Rapporti | Test Reports**

AI16-0005668-08; AI16-0005669-01; AI16-0005669-03

**Caratteristiche tecniche | Technical characteristics**

<i>Grado di protezione / Degree of protection (IP)</i>	<b>IP20/44</b>
<i>Tipo di installazione / Type of installation</i>	<b>plafone / ceiling</b>
<i>Classificazione del materiale del piano di appoggio / Classification according to material of supporting surface</i>	<b>normalmente infiammabile / normally flammable</b>
<i>Classe di isolamento / Degree of protection (class)</i>	<b>III</b>
<i>Serie / Series</i>	<b>RA 8</b>
<i>Gruppo di rischio / Risk group</i>	<b>RG1</b>
<i>Corrente nominale / Rated current</i>	<b>max. 500mA c.c. / d.c.</b>

**Articoli (con dettagli) | Articles (with details)**

AR.N003E9

<i>Marca / Trade mark</i>	<b>I</b>
<i>N.lampade/P.nominale / No.of lamps/Rated wattage</i>	<b>5,5W (350mA) / 8,5W (500mA)</b>
<i>Attacco lampada/tipo / Lamp cap/type</i>	<b>LED 3000K</b>
<i>Rif. di tipo / Type ref.</i>	<b>238-23</b>

AR.N003ED

<i>Marca / Trade mark</i>	<b>I</b>
<i>N.lampade/P.nominale / No.of lamps/Rated wattage</i>	<b>9,5W (350mA)</b>
<i>Attacco lampada/tipo / Lamp cap/type</i>	<b>LED 3000K</b>

Rif. di tipo / Type ref. **238-24**

AR.R009NS

Marca / Trade mark **I**

N.lampade/P.nominale / No.of lamps/Rated wattage **12W (350mA)**

Attacco lampada/tipo / Lamp cap/type **LED 3000K**

Rif. di tipo / Type ref. **238-25**

## Ulteriori informazioni | Additional Information

IP20 = parte incassata  
IP44 = parte esterna

IP20 = recessed part  
IP44 = external part

## Componenti | Component List

**Vedere apposito elenco /See relevant annex**

Emesso il / Issued on **2013-05-23**

Aggiornato il / Updated on **2017-11-17**

Sostituisce / Replaces **2015-02-20**

## Diritti di concessione | Annual Fees

SN.N000CG

BTS.040100.DD23

Importo modelli ENEC - 0401 - Apparecchi di illuminazione e accessori / ENEC models - 0401 -  
Luminaires

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(\*) Each Component / Material is signed by a letter having the following meaning

**A** – Approved component/material replaceable with another one, also certified, with equivalent characteristics

**B** – The component/material is replaceable if authorised by the Test House

**C** – Integrated component/material tested together with the appliance

**D** – Alternative component/material

**COMPONENT/MATERIAL LIST ANNEXED TO LICENCE No. CA04.08399 / TRF No. AI16-0005668-08**  
(To be attached to the relevant TRF and/or license)

**Component list for luminaire type ref. 238-25**

Type of component or material	Letter (*)	Manufacturer Trademark	Type Model	Technical data	Complies with the standard(s)	Mark(s) of conformity
LED Module	B, C	CITIZEN	CLU028-1202C4	350mA 12W 3000K	IEC 62031+A1+A2	ENEC 18
INTERNAL WIRING	B, C	FLAMAR	VW-1	HT105 0,35mm <sup>2</sup>	Tested according to IEC 60598-1 clause 5	INTEGR.
CONNECTOR	B, C	BM	80160	0,25-1,5mm <sup>2</sup> V0	IEC 60598-1 as applicable	UL
DIODE	B, C	FAIRCHILD	1N4007	1A	IEC 60598-1 as applicable	INTEGR.

(\*) These columns are filled in by IMQ. Queste colonne sono compilate a cura dell'IMQ.

(\*\*) CSv: Certificate under Surveillance. CSv: Certificato di sorveglianza

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- C – Integrated component/material tested together with the appliance
- D – Alternative component/material

**COMPONENT/MATERIAL LIST ANNEXED TO LICENCE No. CA04.08399 / TRF No. AI16-0005668-08**  
(To be attached to the relevant TRF and/or license)

**Component list for luminaire type ref. 238-24**

Type of component or material	Letter (*)	Manufacturer Trademark	Type Model	Technical data	Complies with the standard(s)	Mark(s) of conformity
LED Module	B, C	BRIDGELUX	BXRC-30E1000-B-03	350mA 9,5W 3000K	IEC 62031+A1+A2	ENEC 15
LED	B, C	BRIDGELUX	BXRC-30E1000-B-03	350mA 9,5W 3000K Lamp system classification group = 1 at 200mm	IEC 62471	UL (US)
INTERNAL WIRING	B, C	FLAMAR	VW-1	HT105 0,35mm <sup>2</sup>	Tested according to IEC 60598-1 clause 5	INTEGR.
CONNECTOR	B, C	BM	80160	0,25-1,5mm <sup>2</sup> V0	IEC 60598-1 as applicable	UL
DIODE	B, C	FAIRCHILD	1N4007	1A	IEC 60598-1 as applicable	INTEGR.

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**COMPONENT/MATERIAL LIST ANNEXED TO LICENCE No. CA04.08399 / TRF No. AI16-0005668-08**  
(To be attached to the relevant TRF and/or license)

**Component list for luminaire type ref. 238-23**

Type of component or material	Letter (*)	Manufacturer Trademark	Type Model	Technical data	Complies with the standard(s)	Mark(s) of conformity
LED Module	B, C	BRIDGELUX	BXRE-30G0800-A-03	500mA 8,5W 350mA 5,5W 3000K	IEC 62031+A1+A2	ENEC 15
INTERNAL WIRING	B, C	FLAMAR	VW-1	HT105 0,35mm <sup>2</sup>	Tested according to IEC 60598-1 clause 5	INTEGR.
CONNECTOR	B, C	BM	80160	0,25-1,5mm <sup>2</sup> V0	IEC 60598-1 as applicable	UL
DIODE	B, C	FAIRCHILD	1N4007	1A	IEC 60598-1 as applicable	INTEGR.

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