

PID:

04010001

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



**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**

*for the following products*

**Apparecchi di illuminazione per  
installazione fissa  
( Serie PN23 )**

*Luminaires for fixed installation  
( Series PN23 )*

Emesso il | Issued on **2015-06-24**

Aggiornato il | Updated on **2019-02-28**

Sostituisce | Replaces **2015-06-24**

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

*Emesso il / Issued on* 2015-06-24  
*Aggiornato il / Updated on* 2019-02-28  
*Sostituisce / Replaces* 2015-06-24

**Prodotto | Product**

**Apparecchi di illuminazione per installazione fissa**  
**Luminaires for fixed installation**

**Concessionario | Licence Holder**



**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.C04LCSPMM+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 60598-2-1:1989

IEC/TR 62778:2014

Limitazioni ENEC all. B

Prodotti conformi agli obiettivi di sicurezza della Direttiva B.T. 2014/35/UE (Allegato I).

**Standards / Technical specifications**

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

EN 60598-1:2015

EN 60598-2-1:1989

IEC/TR 62778:2014

ENEC Limitation encl. B

Products meeting the safety objectives of Low Voltage Directive 2014/35/EU (Annex I).

**Rapporti | Test Reports**

AI14A0350735-01; AI18-0027901-32; AI17-0019213-01

**Caratteristiche tecniche | Technical characteristics**

Tensione nominale | Rated voltage **220-240V**

Grado di protezione | Degree of protection (IP) **IP44/IP65**

Tipo di installazione | Type of installation **parete/plafone / wall/ceiling**

Classificazione del materiale del piano di appoggio | Classification according to material of supporting surface **normalmente incombustibile / normally flammable**

Classe di isolamento | Degree of protection (class) **I**

Serie | Series **PN23**

Gruppo di rischio | Risk group **RG1**

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

AR.P0040N

Marca | Trade mark **I**

N.lampade/P.nominale | No.of lamps/Rated wattage **18W**

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

Rif. di tipo | Type ref. **1440**

AR.P0040O

Marca | Trade mark **I**

N.lampade/P.nominale | No.of lamps/Rated wattage **26W**

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

*Rif. di tipo | Type ref.* **1441**

AR.P0040P

*Marca | Trade mark* **I**

*N.lampade/P.nominale | No.of lamps/Rated wattage* **30W**

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

*Rif. di tipo | Type ref.* **1442**

## Ulteriori informazioni | Additional Information

Descrizione della serie:

Rif. di tipo 1440 18W tipo di installazione da parete IP65, da plafone IP44

Rif. di tipo 1441 26W tipo di installazione da parete IP65, da plafone IP44

Rif. di tipo 1442 30W tipo di installazione da parete IP65, da plafone IP44

Description of series:

Type ref. 1440 18W type of installation wall IP65, ceiling IP44

Type ref. 1441 26W type of installation wall IP65, ceiling IP44

Type ref. 1442 30W type of installation wall IP65, ceiling IP44

## Componenti | Component List

**Vedere apposito elenco /See relevant annex**

*Emesso il | Issued on* **2015-06-24**

*Aggiornato il | Updated on* **2019-02-28**

*Sostituisce | Replaces* **2015-06-24**

## Diritti di concessione | Annual Fees

SN.P000EE

BTT.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. CA04.08911 / TRF No. AI18-0027901-32**  
(To be attached to the relevant TRF and/or license)

**COMPONENT LISTS OF LUMINAIRE TYPE REF. 1440 (18W)**

Type of component or material	Letter (*)	Manufacturer Trademark	Type Model	Technical data	Complies with the standard(s)	Mark(s) of conformity
LED Driver	B	PHILIPS	Xitanium 23W/m 0,5A 46V SC 230V 9290014124	220-240V 500mA tc 80°C Uout=60V		ENEC 05
LED Driver	B/D	TCI	DC 20W 500mA WU- S	220-240V 500mA tc 80°C Uout=59V		ENEC 05
LED Driver	B/D	TCI	SMART 32 BI	220-240V 500mA tc 80°C Uout=50V		ENEC 05
LED Module	B	CITIZEN	CLU028-1204C4- 303M2	500mA 18W 3000K		ENEC 18
LED Module	B/D	CITIZEN	CLU038-1205C4- 303M2	500mA 18W 3000K		ENEC 18
LED	B/C	CITIZEN	CLU038-1205C4- 303M2	500mA 18W 3000K Lamp system classification group = 1 at 200mm		TUV
Internal wiring	A	VERCAVI	H05V2-U	1x0,5mm <sup>2</sup>		HAR

(\*) 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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**COMPONENT LISTS OF LUMINAIRE TYPE REF. 1441 (26W)**

Type of component or material	Letter (*)	Manufacturer Trademark	Type Model	Technical data	Complies with the standard(s)	Mark(s) of conformity
LED Driver	B	PHILIPS	Xitanium 32W/m 0,7A 46V SC 230V 9290014126	220-240V 700mA tc 80°C Uout=60V		ENEC 05
LED Driver	B/D	TCI	SMART 32 BI	220-240V 700mA tc 80°C Uout=50V		ENEC 05
LED Module	B	CITIZEN	CLU038-1205C4-303M2	700mA 26W 3000K		ENEC 18
LED	B/C	CITIZEN	CLU038-1205C4-303M2	700mA 26W 3000K Lamp system classification group = 1 at 200mm		TUV
Connecting device	A	KORNER	433-NY-H	T110		VDE
Internal wiring	B/C	FLAMAR	VW-1	HT105 0,35mm <sup>2</sup>		INTEGR.
Internal wiring	A	VERCAVI	H05V2-U	1x0,5mm <sup>2</sup>		HAR

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(To be attached to the relevant TRF and/or license)

**COMPONENT LISTS OF LUMINAIRE TYPE REF. 1442 (30W)**

Type of component or material	Letter (*)	Manufacturer Trademark	Type Model	Technical data	Complies with the standard(s)	Mark(s) of conformity
LED Driver	B	HEP	G5L40W1050CA	220-240V 800mA to 85°C U <sub>out</sub> =53V		ENEC 18
LED Driver	B/D	TCI	SMART 32 BI	220-240V 700mA to 80°C U <sub>out</sub> =50V		ENEC 05
LED Module	B	CITIZEN	CLU038-1206C4-303M2	800mA 30W 3000K		ENEC 18
LED	B/C	CITIZEN	CLU038-1206C4-303M2	800mA 30W 3000K Lamp system classification group = 1 at 200mm		TUV
Connecting device	A	KORNER	433-NY-H	T110		VDE
Internal wiring	B/C	FLAMAR	VW-1	HT105 0,35mm <sup>2</sup>		INTEGR.
Internal wiring	A	VERCAVI	H05V2-U	1x0,5mm <sup>2</sup>		HAR

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