

PID:  
04010001

## Certificato di approvazione

CID:  
C.1993.1448

## 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

**BEGHELLI SPA**  
**VIA MOZZEGHINE 13/15 - LOC. MONTEVEGLIO**  
**40053 VALSAMOGGIA BO**  
**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

for the following products

**Apparecchi di illuminazione per  
installazione fissa  
( Serie BS100 REGOLABILE LED )**

**Luminaires for fixed installation  
( Series BS100 REGOLABILE LED )**

Emesso il | Issued on **2023-03-31**

Aggiornato il | Updated on ---

Sostituisce | Replaces ---

**IMQ** S.p.A.

Allegato - Certificato di approvazione  
Annex - Approval certificate

Emesso il | Issued on 2023-03-31  
Aggiornato il | Updated on ---  
Sostituisce | Replaces ---

## Prodotto | Product

# Apparecchi di illuminazione per installazione fissa Luminaires for fixed installation

## Concessionario | Licence Holder

BEGHELLI SPA  
VIA MOZZEGHINE 13/15 - LOC. MONTEVEGLIO  
40053 VALSAMOGGIA BO  
IT - Italy

## Marchio | Mark



ENEC 03,IMQ

## Costruito a | Manufactured at

PI.K000AY	C03436677	64200	BOSONOHY (BRNO)	Czech Republic
PI.O0003Q	C04044918	40053	VALSAMOGGIA	BO 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 IEC 60598-1:2021 + A11:2022  
EN IEC 60598-2-1:2021  
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 IEC 60598-1:2021 + A11:2022  
EN IEC 60598-2-1:2021  
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

AI22-0082835-02; AI22-0082839-01

## Caratteristiche tecniche | Technical characteristics

Tensione nominale   Rated voltage	<b>230 V- 50 Hz</b>
Grado di protezione   Degree of protection (IP)	<b>IP65</b>
Tipo di installazione   Type of installation	<b>plafone/sospensione / ceiling/suspension</b>
Classificazione del materiale del piano di appoggio   Classification according to material of supporting surface	<b>normalmente infiammabile F / normally flammable F</b>
Classe di isolamento   Degree of protection (class)	<b>I</b>
Temperatura ambiente   Ambient temperature	<b>ta -20 °C / + 40 °C</b>
Serie   Series	<b>BS100 REGOLABILE ED</b>
Gruppo di rischio   Risk group	<b>RG1</b>

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

AR.X001AH

Marca | Trade mark **Beghelli**  
N.lampade/P.nominale | No.of lamps/Rated wattage **96 LED / 34 W**  
Attacco lampada/tipo | Lamp cap/type **LED white 4000K**  
Rif. di tipo | Type ref. **40003H**

AR.X001AV

Marca | Trade mark **Beghelli**

N.lampade/P.nominale | No.of lamps/Rated wattage **96 LED / 34 W**

Attacco lampada/tipo | Lamp cap/type **LED white 4000K**

Rif. di tipo | Type ref. **40003H/E1**

AR.X001AL

Marca | Trade mark **Beghelli**

N.lampade/P.nominale | No.of lamps/Rated wattage **192 LED / 51 W**

Attacco lampada/tipo | Lamp cap/type **LED white 4000K**

Rif. di tipo | Type ref. **40004H**

AR.X001AW

Marca | Trade mark **Beghelli**

N.lampade/P.nominale | No.of lamps/Rated wattage **192 LED / 51 W**

Attacco lampada/tipo | Lamp cap/type **LED white 4000K**

Rif. di tipo | Type ref. **40004H/E1**

AR.X001AJ

Marca | Trade mark **Beghelli**

N.lampade/P.nominale | No.of lamps/Rated wattage **240 LED / 63 W**

Attacco lampada/tipo | Lamp cap/type **LED white 4000K**

Rif. di tipo | Type ref. **40005H**

AR.X001AX

Marca | Trade mark **Beghelli**

N.lampade/P.nominale | No.of lamps/Rated wattage **240 LED / 63 W**

Attacco lampada/tipo | Lamp cap/type **LED white 4000K**

Rif. di tipo | Type ref. **40005H/E1**

## Ulteriori informazioni | Additional Information

Il suffisso /E1 indica il "paese di origine" del prodotto.

Grado di protezione contro gli urti meccanici esterni secondo la norma EN 62262:2002 / IEC 62262:2002: IK07 (2 J) .

The suffix /E1 indicates "country of origin" of product.

Degree of protection against external mechanical impacts according to EN 62262:2002 / IEC 62262:2002: IK07 (2 J) .

## Componenti | Component List

**Vedere apposito elenco / See relevant annex**

Emesso il | Issued on **2023-03-31**

Aggiornato il | Updated on ---

Sostituisce | Replaces ---

## Diritti di concessione | Annual Fees

SN.X0005U

BTX.040100.DD23

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

1

Allegato 1 al CA No. / Annex 1 to CA No. **CA04.10343**  
Rapporto di Prova No. / Test Report No. **AI22-0082835-02**

TABLE: Critical components information						
Object / part No.	Code	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity <sup>1)</sup>
<b>Component list for type ref. 40005H &amp; 40005H/E1.</b>						
LED Module for general lighting	B/C	Beghelli	233080001 (332777000/ A)	240 LED White; 350 mA; 57 W; tc105 °C; PTI600	IEC 62031:2018	AUT IMQ SN.X0002L TR AI22-0082835-03
LED		Lumileds	(2835R) L128- 4080RA3500 2F1	4000K; CRI80; If max 300 mA; Vf 3 V		
Connecting device	A	TOP	TB-7020B/x	T110 °C	IEC 60998-1:2002 IEC 60998-2-2:2002	ENEC 18
Internal Wiring	A/C	Suzhou Longchang Plastic	H05V2-U	1x0,75 mm <sup>2</sup>	Tested acc. to IEC 60598-1 clause 5	Tested by IMQ
Electronic controlgear for LED module	A	LIFUD	LF-FMR060YS	220-240 Vac; Uout: 250 V; 60 W; Tc 90 °C; 0,2-0,35 A	IEC 61347- 1:2015+AMD1:2017 IEC 61347-2- 13:2014+AMD1:2017 IEC 62384:2006+AMD1:2 009	ENEC 25
Electronic controlgear for LED module	A/D	OSRAM	ELEMENT 60/220- 240/350 D CS L	220-240 Vac; Uout: 340 V; 60 W; Tc 75 °C; 0,2-0,35 A	IEC 61347-1:2015 IEC 61347-2- 13:2014+AMD1:2017 IEC 62384:2006+AMD1:2 009	ENEC 05
Electronic controlgear for LED module	A/D	OSRAM	EM FIT 60/220...240 /350 D CS L	220-240 Vac; Uout: 250 V; 61 W; Tc75 °C; 0,2-0,35 A	IEC 61347- 1:2015+AMD1:2017 IEC 61347-2- 13:2014+AMD1:2017 IEC 62384:2006+AMD1:2 009	ENEC 05
Electronic controlgear for LED module	A/D	TRIDONIC	LC 65W 200- 350mA flexCC Ip SNC3	220-240 Vac; Uout: 250 V; 65 W; Tc85 °C; 0,2-0,35 A	IEC 61347-1:2015 IEC 61347-2- 13:2014+AMD1:2017 IEC 62384:2006+AMD1:2 009	ENEC 11
Electronic controlgear for LED module	A/D	EAGLERISE	FMS-60-350 N-SELV RD	220-240 Vac; Uout: 340 V; max 60 W; Tc75 °C; 0,2-0,35 A	IEC 61347- 1:2015+AMD1:2017 IEC 61347-2- 13:2014+AMD1:2017 IEC 62384:2006+AMD1:2 009	ENEC 05
<b>Component list for type ref. 40004H &amp; 40004H/E1.</b>						

Emesso il/Issued on: 2023-03-31

**Allegato 1 al CA No. / Annex 1 to CA No. CA04.10343**  
**Rapporto di Prova No. / Test Report No. AI22-0082835-02**

Object / part No.	Code	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity <sup>1)</sup>
LED Module for general lighting	B/C	Beghelli	233081001 (332778000/ A)	192 LED White; 350 mA; 45 W; tc105°C; PTI600	IEC 62031:2018	AUT IMQ SN.X0002L TR AI22-0082835-03
LED		Lumileds	(2835R) L128- 4080RA3500 2F1	4000K; CRI80; If max 300 mA; Vf 3 V		
Connecting device	A	TOP	TB-7020B/x	T110 °C	IEC 60998-1:2002 IEC 60998-2-2:2002	ENEC 18
Internal Wiring	A/C	Suzhou Longchang Plastic	H05V2-U	1x0,75 mm <sup>2</sup>	Tested acc. to IEC 60598-1 clause 5	Tested by IMQ
Electronic controlgear for LED module	A	LIFUD	LF-FMR060YS	220-240 Vac; Uout: 250 V; 60 W; Tc 90 °C; 0,2-0,35 A	IEC 61347- 1:2015+AMD1:2017 IEC 61347-2- 13:2014+AMD1:2017 IEC 62384:2006+AMD1:2 009	ENEC 25
Electronic controlgear for LED module	A/D	OSRAM	ELEMENT 60/220- 240/350 D CS L	220-240 Vac; Uout: 340 V; 60 W; Tc 75 °C; 0,2-0,35 A	IEC 61347-1:2015 IEC 61347-2- 13:2014+AMD1:2017 IEC 62384:2006+AMD1:2 009	ENEC 05
Electronic controlgear for LED module	A/D	OSRAM	EM FIT 60/220...240 /350 D CS L	220-240 Vac; Uout: 250 V; 61 W; Tc75 °C; 0,2-0,35 A	IEC 61347- 1:2015+AMD1:2017 IEC 61347-2- 13:2014+AMD1:2017 IEC 62384:2006+AMD1:2 009	ENEC 05
Electronic controlgear for LED module	A/D	TRIDONIC	LC 65W 200- 350mA flexCC Ip SNC3	220-240 Vac; Uout: 250 V; 65 W; Tc85 °C; 0,2-0,35 A	IEC 61347-1:2015 IEC 61347-2- 13:2014+AMD1:2017 IEC 62384:2006+AMD1:2 009	ENEC 11
Electronic controlgear for LED module	A/D	EAGLERISE	FMS-60-350 N-SELV RD	220-240 Vac; Uout: 340 V; max 60 W; Tc75 °C; 0,2-0,35 A	IEC 61347- 1:2015+AMD1:2017 IEC 61347-2- 13:2014+AMD1:2017 IEC 62384:2006+AMD1:2 009	ENEC 05
<b>Component list for type ref. 40003H &amp; 40003H/E1.</b>						
LED Module for general lighting	B/C	Beghelli	233082001 (332779000/ A)	96 LED White; 350 mA; 30 W; tc105°C; PTI600	IEC 62031:2018	AUT IMQ SN.X0002L TR AI22-0082835-03
LED		Lumileds	(2835R) L128- 4080RA3500 2F1	4000K; CRI80; If max 300 mA; Vf 3 V		

Emesso il/Issued on: 2023-03-31

**Allegato 1 al CA No. / Annex 1 to CA No. CA04.10343**  
**Rapporto di Prova No. / Test Report No. AI22-0082835-02**

Object / part No.	Code	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity <sup>1)</sup>
Connecting device	A	TOP	TB-7020B/x	T110°C	IEC 60998-1:2002 IEC 60998-2-2:2002	ENEC 18
Internal Wiring	A/C	Suzhou Longchang Plastic	H05V2-U	1x0,75 mm <sup>2</sup>	Tested acc. to IEC 60598-1 clause 5	Tested by IMQ
Electronic controlgear for LED module	A	LIFUD	LF-FMR060YS	220-240 Vac; Uout: 250 V; 60 W; Tc 90 °C; 0,2-0,35 A	IEC 61347-1:2015+AMD1:2017 IEC 61347-2-13:2014+AMD1:2017 IEC 62384:2006+AMD1:2009	ENEC 25
Electronic controlgear for LED module	A/D	OSRAM	ELEMENT 60/220- 240/350 D CS L	220-240 Vac; Uout: 340 V; 60 W; Tc 75 °C; 0,2-0,35 A	IEC 61347-1:2015 IEC 61347-2-13:2014+AMD1:2017 IEC 62384:2006+AMD1:2009	ENEC 05
Electronic controlgear for LED module	A/D	OSRAM	EM FIT 60/220...240 /350 D CS L	220-240 Vac; Uout: 250 V; 61 W; Tc75 °C; 0,2-0,35 A	IEC 61347-1:2015+AMD1:2017 IEC 61347-2-13:2014+AMD1:2017 IEC 62384:2006+AMD1:2009	ENEC 05
Electronic controlgear for LED module	A/D	TRIDONIC	LC 65W 200- 350mA flexCC Ip SNC3	220-240 Vac; Uout: 250 V; 65 W; Tc85 °C; 0,2-0,35 A	IEC 61347-1:2015 IEC 61347-2-13:2014+AMD1:2017 IEC 62384:2006+AMD1:2009	ENEC 11

Supplementary information:

<sup>1)</sup> Provided evidence ensures the agreed level of compliance.

The codes above have the following meaning:

- A - The component is replaceable with another one, also certified, with equivalent characteristics
- B - The component is replaceable if authorised by the test house
- C - Integrated component tested together with the appliance
- D - Alternative component

Licenses/ Test reports available upon request