

PID:

04010011

CID:

C.1993.1550

Certificato di approvazione

Approval certificate

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

IMQ, accredited certification body, grants to

**IGUZZINI ILLUMINAZIONE SPA
VIA MARIANO GUZZINI 37
62019 RECANATI MC**

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

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

per i seguenti prodotti

**Apparecchi di illuminazione
stradale
(Serie DELPHI)**

for the following products

*Luminaires for road and street
lighting
(Series DELPHI)*

Emesso il / Issued on **2010-04-23**

Aggiornato il / Updated on **2014-09-23**

Sostituisce / Replaces **2010-10-12**


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Allegato - Certificato di approvazione
Annex - Approval certificate

Emesso il / Issued on 2010-04-23
Aggiornato il / Updated on 2014-09-23
Sostituisce / Replaces 2010-10-12

Prodotto | Product

Apparecchi di illuminazione stradale Luminaires for road and street lighting

Concessionario | Licence Holder

IGUZZINI ILLUMINAZIONE SPA
VIA MARIANO GUZZINI 37
62019 RECANATI MC

Marchio | Mark



ENEC
03,IMQ

Costruito a | Manufactured at

PL.H000QJ C02482514 201401 Fengxian Industrial Park, Shanghai
95001491 CLIGUZ.C04LCIGUZ.C 62019 RECANATI

China
MC 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

EN 60598-1:2008 + A11:2009
EN 60598-2-3:2003 + A1:2011
Limitazioni ENEC all. B

Standards

EN 60598-1:2008 + A11:2009
EN 60598-2-3:2003 + A1:2011
ENEC Limitation encl. B

Rapporti | Test Reports

AI14A0274513-02

Caratteristiche tecniche | Technical characteristics

Tensione nominale / Rated voltage **230V**
Tipo di installazione / Type of installation **parete/palo / wall/pole**
Classificazione del materiale del piano di appoggio /
Classification according to material of supporting surface **normalmente infiammabile / normally flammable**
Classe di isolamento / Degree of protection (class) **II**
Serie / Series **DELPHI**

Articoli (con dettagli) | Articles (with details)

AR.K002GY

Marca / Trade mark **iGuzzini**
N.lampade/Pn / No.lamps/Rw **1x70W**
Attacco lamp./tipo / Lamp cap/type **E27 ST MT**
Rif. di tipo / Type ref. **BC57**
IP / **IP66**

AR.K002H4

Marca / Trade mark **iGuzzini**
N.lampade/Pn / No.lamps/Rw **1x100W**
Attacco lamp./tipo / Lamp cap/type **E40 ST**
Rif. di tipo / Type ref. **BC58**
IP / **IP66**

AR.K002H5

Marca / Trade mark **iGuzzini**
N.lampade/Pn / No.lamps/Rw **1x100W**
Attacco lamp./tipo / Lamp cap/type **E40 ST**
Rif. di tipo / Type ref. **BC61**
IP / **IP66**

AR.K002H6

Marca / Trade mark **iGuzzini**
N.lampade/Pn / No.lamps/Rw **1x50W**
Attacco lamp./tipo / Lamp cap/type **E27 ST**
Rif. di tipo / Type ref. **BD85**
IP / **IP66**

Ulteriori informazioni | Additional Information

Grado di protezione contro gli urti meccanici esterni: verificato IK09 (10J), secondo la norma EN 62262:2002 / IEC 62262:2002, con esito positivo.

Grado di protezione contro gli urti meccanici esterni: verificato IK10 (20J) con l'accessorio BZ41, per l'apparecchio BC57, secondo la norma EN 62262:2002, con esito positivo.

Lista degli accessori:
BZ41 (per l'apparecchio BC57)
BZ42

Degree of protection against external mechanical impacts: verified IK09 (10J), according to EN 62262:2002 / IEC 62262:2002, with positive results.

Degree of protection against external mechanical impacts: verified IK10 (20J) with accessory cat. ref. BZ41, for luminaire BC57, according to EN 62262:2002, with positive results.

List of accessories:
BZ41 (for luminaire BC57)
BZ42

Componenti | Component List

Vedere apposito elenco / See relevant annex

Emesso il / Issued on **2010-04-23**

Aggiornato il / Updated on **2014-09-23**

Sostituisce / Replaces **2010-10-12**

Diritti di concessione | Annual Fees

SN.K000CW

BTO.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. CA04.07237 / TRF No. AI14A0274513-02
 (To be attached to the relevant TRF and/or license)

COMPONENTS LIST FOR LUMINAIRES TYPE REF. BC58 (1x100W E40 ST).

Type of component or material	Letter (*)	Manufacturer Trademark	Type Model	Technical data	Complies with the standard(s)	Mark(s) of conformity
H.P. sodium and M.H. ballast	B	Tridonic	OMBIS 100 AxxxW	230V 1x100W	IEC 61347-1 IEC 61347-2-9	ENEC 11
Capacitor for fluorescent or discharge lamp	A	Italfarad	MFR-1	T85	IEC 61048 IEC 61049	ENEC 03
Built-in starting device	B	Vossloh	Z 250 K	220/240V tc105 HS 70-250W HI 35-250W C-HI 35-250W	IEC 61347-1 IEC 61347-2-1 + Am1	ENEC 10
Edison screw lampholder	A	Vossloh	128	E40 18A 750V T270	IEC 60838-1	ENEC 03
Connecting device	A	Wago	0862	T125	IEC 60998-1 IEC 60998-2-1	VDE
Knife switch	A	E.M.C. Colosio	M27	16A 400V T120	IEC 60598-1	CSv IMQ
Connector	C	AMP	350	T125	IEC 60598-1	INTEGR.
Internal wiring	C	BLF	FG4G4	1x1mm ²	Tested acc. to IEC 60598-1 clause 5	Tested by IMQ
Internal wiring	C	BLF	FG4G4T2	1x1mm ²	Tested acc. to IEC 60598-1 clause 5	Tested by IMQ
Internal wiring	C	BLF	FR5FG4T2	1x1mm ²	Tested acc. to IEC 60598-1 clause 5	Tested by IMQ
Photocell (*)	C	Royce Thompson	Microstar 2000 – 300 lux	T105	IEC 60598-1	INTEGR.
Photocell (*)	C	Zodion	SS12 HT	T105	IEC 60598-1	INTEGR.

(*) On the request of the user.

(*) 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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COMPONENTS LIST FOR LUMINAIRES TYPE REF. BC61 (1x100W E40 ST).

Type of component or material	Letter (*)	Manufacturer Trademark	Type Model	Technical data	Complies with the standard(s)	Mark(s) of conformity
H.P. sodium and M.H. ballast	B	Tridonic	OMBIS 100/70 AxxxW	230V 1x70/100W	IEC 61347-1 IEC 61347-2-9	ENEC 11
Capacitor for fluorescent or discharge lamp	A	Italfarad	MFR-1	T85	IEC 61048 IEC 61049	ENEC 03
Built-in starting device	B	Vossloh	Z 250 K	220/240V tc105 HS 70-250W HI 35-250W C-HI 35-250W	IEC 61347-1 IEC 61347-2-1 + Am1	ENEC 10
Edison screw lampholder	A	Vossloh	128	E40 18A 750V T270	IEC 60838-1	ENEC 10
Connecting device	A	Wago	0862	T125	IEC 60998-1 IEC 60998-2-1	VDE
Knife switch	A	E.M.C. Colosio	M27	16A 400V T120	IEC 60598-1	CSv IMQ
Connector	C	AMP	350	T125	IEC 60598-1	INTEGR.
Internal wiring	C	BLF	FG4G4	1x1mm ²	Tested acc. to IEC 60598-1 clause 5	Tested by IMQ
Internal wiring	C	BLF	FG4G4T2	1x1mm ²	Tested acc. to IEC 60598-1 clause 5	Tested by IMQ
Internal wiring	C	BLF	FR5FG4T2	1x1mm ²	Tested acc. to IEC 60598-1 clause 5	Tested by IMQ
Electronic switching of lighting source	B	Philips	LLC7110/30	230/240V Max 400W SON tc100	IEC 61347-1 IEC 61347-2-11	VDE
Photocell (*)	C	Royce Thompson	Microstar 2000 – 300 lux	T105	IEC 60598-1	INTEGR.
Photocell (*)	C	Zodion	SS12 HT	T105	IEC 60598-1	INTEGR.
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COMPONENTS LIST FOR LUMINAIRES TYPE REF. BC57 (1x70W E27 ST MT).

Type of component or material	Letter (*)	Manufacturer Trademark	Type Model	Technical data	Complies with the standard(s)	Mark(s) of conformity
H.P. sodium and M.H. ballast	B	Tridonic	OMBIS 70 BxxxW	230V 1x70W	IEC 61347-1 + A1 IEC 61347-2-9	ENEC 11
H.P. sodium and M.H. ballast	B / C	ERC	656620	230V 1x70W	IEC 61347-1 + A1 IEC 61347-2-9	ENEC 03
H.P. sodium and M.H. ballast	B / C	Vossloh	NaHJ 70.226	230V 1x70W	IEC 61347-1 + A1 IEC 61347-2-9	ENEC 10
Capacitor for fluorescent or discharge lamp	A	Italfarad	MFR-1	T85	IEC 61048 IEC 61049	ENEC 03
Built-in starting device	B	Vossloh	Z 70 K	220/240V tc105 HS 35-70W HI 70W	IEC 61347-1 + A1 IEC 61347-2-1 + Am1	ENEC 10
Built-in starting device	B / C	Tridonic	ZRM 2-ES/C	220/240V tc105 HS 35-70W HI 70W	IEC 61347-1 + A1 IEC 61347-2-1 + A1	ENEC 10
Edison screw lampholder	A	Vossloh	626	E27 4A 250V 5kV T210	IEC 60838-1	ENEC 10
Connecting device	A	Wago	0862	T125	IEC 60998-1 IEC 60998-2-1	VDE
Knife switch	A	E.M.C. Colosio	M27	16A 400V T120	IEC 60598-1	CSv IMQ
Connector	C	AMP	350	T125	IEC 60598-1	INTEGR.
Internal wiring	C	BLF	FG4G4	1x1mm ²	Tested acc. to IEC 60598-1 clause 5	Tested by IMQ
Internal wiring	C	BLF	FG4G4T2	1x1mm ²	Tested acc. to IEC 60598-1 clause 5	Tested by IMQ
Internal wiring	C	BLF	FR5FG4T2	1x1mm ²	Tested acc. to IEC 60598-1 clause 5	Tested by IMQ
Photocell (*)	C	Royce Thompson	Microstar 2000 – 300 lux	T105	IEC 60598-1	INTEGR.
Photocell (*)	C	Zodion	SS12 HT	T105	IEC 60598-1	INTEGR.
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COMPONENTS LIST FOR LUMINAIRES TYPE REF. BD85 (1x50W E27 ST).

Type of component or material	Letter (*)	Manufacturer Trademark	Type Model	Technical data	Complies with the standard(s)	Mark(s) of conformity
H.P. sodium and M.H. ballast	B	Tridonic	OMBIS 50 AxxxW	230V 1x50W	IEC 61347-1 + A1 IEC 61347-2-9	ENEC 11
Capacitor for fluorescent or discharge lamp	A	Italfarad	MFR-1	T85	IEC 61048 IEC 61049	ENEC 03
Built-in starting device	B	Vossloh	Z 250 K	220/240V tc105 HS 70-250W HI 35-250W C-HI 35-250W	IEC 61347-1 + A1 IEC 61347-2-1 + A1	ENEC 10
Edison screw lampholder	A	Vossloh	626	E27 4A 250V 5kV T210	IEC 60838-1	ENEC 10
Connecting device	A	Wago	0862	T125	IEC 60998-1 IEC 60998-2-1	VDE
Knife switch	A	E.M.C. Colosio	M27	16A 400V T120	IEC 60598-1	CSv IMQ
Connector	C	AMP	350	T125	IEC 60598-1	INTEGR.
Internal wiring	C	BLF	FG4G4	1x1mm ²	Tested acc. to IEC 60598-1 clause 5	Tested by IMQ
Internal wiring	C	BLF	FG4G4T2	1x1mm ²	Tested acc. to IEC 60598-1 clause 5	Tested by IMQ
Internal wiring	C	BLF	FR5FG4T2	1x1mm ²	Tested acc. to IEC 60598-1 clause 5	Tested by IMQ
Photocell (*)	C	Royce Thompson	Microstar 2000 – 300 lux	T105	IEC 60598-1	INTEGR.
Photocell (*)	C	Zodion	SS12 HT	T105	IEC 60598-1	INTEGR.
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