

PID:

04010011

CID:

C.1993.1481

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

**DISANO ILLUMINAZIONE SPA
V.LE LOMBARDIA 129
20089 ROZZANO 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

*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 Armature stradali LED)**

for the following products

*Luminaires for road and street
lighting
(Series Armature stradali LED)*

Emesso il / Issued on **2018-06-20**

Aggiornato il / Updated on ---

Sostituisce / Replaces ---

IMQ S.p.A.

Allegato - Certificato di approvazione
Annex - Approval certificate

Emesso il / Issued on 2018-06-20
Aggiornato il / Updated on ---
Sostituisce / Replaces ---

Prodotto | Product

Apparecchi di illuminazione stradale Luminaires for road and street lighting

Concessionario | Licence Holder

DISANO ILLUMINAZIONE SPA
V.LE LOMBARDIA 129
20089 ROZZANO MI
IT - Italy

Marchio | Mark



ENEC
03,IMQ

Costruito a | Manufactured at

95001519 CLDISA.C04LCSRIU+1 27020 DORNO

PV 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 60598-2-3:2003 + A1:2011
IEC/TR 62778:2014
EN 62493:2015
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 60598-2-3:2003 + A1:2011
IEC/TR 62778:2014
EN 62493:2015
ENEC Limitation encl. B
Products meeting the safety objectives of Low Voltage Directive
2014/35/EU (Annex I).

Rapporti | Test Reports

AI18-0025359-01; AI18-0025360-01

Caratteristiche tecniche | Technical characteristics

Tensione nominale / Rated voltage **220-240V**
Tipo di installazione / Type of installation **palo / 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 **Armature stradali LED**

Articoli (con dettagli) | Articles (with details)

AR.S004B6

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **32 LED / 68W**
Attacco lamp./tipo / Lamp cap/type **LED (700mA)**
Rif. di tipo / Type ref. **3360 ISEO 1**
Rif. a cat. / Cat. ref. **330560.spc**
IP / **66**
Gruppo di rischio / Risk group **RG1 a / at 100cm - RG0 a / at 150cm (*)**

AR.S004BL

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **32 LED / 52W**
Attacco lamp./tipo / Lamp cap/type **LED (530mA)**

Rif. di tipo / Type ref. **3360 ISEO 1**
Rif. a cat. / Cat. ref. **330560.00**
IP / **66**
Gruppo di rischio / Risk group **RG1 a / at 100cm - RG0 a / at 150cm (*)**

AR.S004BM

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **16 LED / 84W**
Attacco lamp./tipo / Lamp cap/type **LED (700mA)**
Rif. di tipo / Type ref. **3361 ISEO 2**
Rif. a cat. / Cat. ref. **330571.spc**
IP / **66**
Gruppo di rischio / Risk group **RG1 a / at 200cm - RG0 a / at 250cm (*)**

AR.S004BN

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **16 LED / 64W**
Attacco lamp./tipo / Lamp cap/type **LED (530mA)**
Rif. di tipo / Type ref. **3361 ISEO 2**
Rif. a cat. / Cat. ref. **330571.00**
IP / **66**
Gruppo di rischio / Risk group **RG1 a / at 200cm - RG0 a / at 250cm (*)**

AR.S004BO

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **8 LED / 42W**
Attacco lamp./tipo / Lamp cap/type **LED (700mA)**
Rif. di tipo / Type ref. **3361 ISEO 2**
Rif. a cat. / Cat. ref. **330570.spc**
IP / **66**
Gruppo di rischio / Risk group **RG1 a / at 200cm - RG0 a / at 250cm (*)**

AR.S004BP

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **8 LED / 33W**
Attacco lamp./tipo / Lamp cap/type **LED (530mA)**
Rif. di tipo / Type ref. **3361 ISEO 2**
Rif. a cat. / Cat. ref. **330570.00**
IP / **66**
Gruppo di rischio / Risk group **RG1 a / at 200cm - RG0 a / at 250cm (*)**

AR.S004BQ

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **16 LED / 84W**
Attacco lamp./tipo / Lamp cap/type **LED (700mA)**
Rif. di tipo / Type ref. **3362 ISEO 3**
Rif. a cat. / Cat. ref. **330580.spc**
IP / **66**
Gruppo di rischio / Risk group **RG1 a / at 200cm - RG0 a / at 250cm (*)**

AR.S004BR

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **16 LED / 64W**
Attacco lamp./tipo / Lamp cap/type **LED (530mA)**
Rif. di tipo / Type ref. **3362 ISEO 3**
Rif. a cat. / Cat. ref. **330580.00**
IP / **66**
Gruppo di rischio / Risk group **RG1 a / at 200cm - RG0 a / at 250cm (*)**

AR.S004BS

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **8 LED / 42W**
Attacco lamp./tipo / Lamp cap/type **LED (700mA)**
Rif. di tipo / Type ref. **3363 ISEO 4**
Rif. a cat. / Cat. ref. **330590.spc**



IMQ S.p.A. - Società con Socio Unico
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Rea Milano 1595884
Registro Imprese Milano 12898410159
C.F./P.I. 12898410159
Capitale Sociale € 4.000.000

CA04.09513
SN.S000P3

IP / **66**

Gruppo di rischio / Risk group **RG1 a / at 250cm - RG0 a / at 300cm (*)**

AR.S004BT

Marca / Trade mark **disano illuminazione**

N.lampade/Pn / No.lamps/Rw **8 LED / 31W**

Attacco lamp./tipo / Lamp cap/type **LED (530mA)**

Rif. di tipo / Type ref. **3363 ISEO 4**

Rif. a cat. / Cat. ref. **330590.00**

IP / **66**

Gruppo di rischio / Risk group **RG1 a / at 250cm - RG0 a / at 300cm (*)**

Ulteriori informazioni | Additional Information

(*) distanze richieste dal costruttore

Rif. di tipo	Codice		
3360 ISEO 1	330560.spc	fascio simmetrico	4000K CRI70
3360 ISEO 1	330560.00	fascio simmetrico	4000K CRI70
3361 ISEO 2	330571.spc	fascio stradale	4000K CRI70
3361 ISEO 2	330571.00	fascio stradale	4000K CRI70
3361 ISEO 2	330570.spc	fascio stradale	4000K CRI70
3361 ISEO 2	330570.00	fascio stradale	4000K CRI70
3362 ISEO 3	330580.spc	fascio stradale centrale	4000K CRI70
3362 ISEO 3	330580.00	fascio stradale centrale	4000K CRI70
3363 ISEO 4	330590.spc	fascio pedonale	4000K CRI70
3363 ISEO 4	330590.00	fascio pedonale	4000K CRI70

L'apparecchio è stato anche verificato secondo la norma IEC/EN 62262:2002 (codice IK).

Le parti fragili del corpo illuminante (vetro) sono conformi al codice IK08(5J), mentre le altre parti (parti metalliche dell'involucro) sono conformi al codice IK09(10J).

(*) distances requested by the manufacturer

Type ref.	Code		
3360 ISEO 1	330560.spc	Symmetric Beam	4000K CRI70
3360 ISEO 1	330560.00	Symmetric Beam	4000K CRI70
3361 ISEO 2	330571.spc	Street Lighting Beam	4000K CRI70
3361 ISEO 2	330571.00	Street Lighting Beam	4000K CRI70
3361 ISEO 2	330570.spc	Street Lighting Beam	4000K CRI70
3361 ISEO 2	330570.00	Street Lighting Beam	4000K CRI70
3362 ISEO 3	330580.spc	Center Road Beam	4000K CRI70
3362 ISEO 3	330580.00	Center Road Beam	4000K CRI70
3363 ISEO 4	330590.spc	Pedestrian Beam	4000K CRI70
3363 ISEO 4	330590.00	Pedestrian Beam	4000K CRI70

The luminaire has also been tested in accordance to IEC/EN 62262:2002 (IK code).

The fragile parts of the luminaire (glass) are in compliance with the code IK08(5J), while the other parts (metallic parts of the enclosure) are in compliance with the code IK09(10J).

Componenti | Component List

Vedere apposito elenco / See relevant annex

Emesso il / Issued on **2018-06-20**

Aggiornato il / Updated on ---

Sostituisce / Replaces ---

Diritti di concessione | Annual Fees

SN.S000P3

BTS.040100.DD23

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

1

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COMPONENT/MATERIAL LIST ANNEXED TO LICENCE No. CA04.09513 / TRF No. AI18-0025359-01
(To be attached to the relevant TRF and/or license)

Type ref. 3360 ISEO 1 - 32 LED 63W (ILED 700mA) and 3360 ISEO 1 - 32 LED 48W (ILED 530mA)

Type of component or material	Letter (*)	Manufacturer Trademark	Type Model	Technical data	Complies with the standard(s)	Mark(s) of conformity
Main Connector Plug	A	STUCCHI	3701/V-2P	2P 16A 250V IP66/67 T150°C	IEC/EN 61984	IMQ
Main Connector Socket	A	STUCCHI	3702/V-2P	2P 16A 250V IP66/67 T150°	IEC/EN 61984	IMQ
External wiring	A	IRCE	H07RN-F	2X1,5mm ² T90°C 450/750V	IEC 50525-2-21	HAR
Internal wiring	A	IRCE	H03VV-F	2X0,75mm ² T60°C 300/300V	IEC 50525-2-11	HAR
Internal wiring	A	BLF	FG4G4	T180°C 0,5mm ² 450/750V 5 kV Double insulated	Tested acc.to IEC 60598-1 Clause 8	Tested by IMQ
(n.4) LED module for general lighting	B,C	Disano illuminazione	E113_41	8 LED Lumileds Luxeon TX 4000K CRI70	IEC 62031+A1+A2	AUT. IMQ SN.S000OJ
Electronic controlgear for LED modules	B	PHILIPS	Xitanium Xi LP 70W 0.2- 0.7A S1 230V C150 sXt	220-240V 50/60Hz 200 – 700mA U _{OUT} 170 V tc85°C Double Insulated	IEC 61347-1 IEC 61347-2-13 IEC 62384	ENEC 05
Electronic controlgear for LED modules	B/D	PHILIPS	Xitanium Xi FP 70W 0.3- 1.0A NLD C150 230V sXt	220-240V 50/60Hz 200 – 700mA U _{OUT} 80 V tc90°C Double Insulated	IEC 61347-1 IEC 61347-2-13 IEC 62384	ENEC 05
Electronic controlgear for LED modules	B/D	TRIDONIC	LCA 75W 250-750mA One4all c PRE OTD	220-240V 50/60Hz 250 – 750mA U _{out} 180V tc85°C Double Insulated	EN 61347-1 EN 61347-2-13 EN 62384	ENEC11
Surge Protector (differential mode)	B	PHOENIX CONTACT	BLT-T2-320-UT	L-N 320Vac 10kA 10kV	IEC/EN 61643-11	KEMA KEUR
Optional						
Nema Socket	B/C	TE Connectivity	2213362-4	7 poles 15A 480VAC/DC Power contacts 0,1A 10VAC/DC Dimming contacts	IEC/EN 60598-1	INTEGR.

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COMPONENT/MATERIAL LIST ANNEXED TO LICENCE No. CA04.09513 / TRF No. AI18-0025359-01
(To be attached to the relevant TRF and/or license)

Type ref. 3361 ISEO 2 – 16 LED 78W (ILED 700mA)

Type of component or material	Letter (*)	Manufacturer Trademark	Type Model	Technical data	Complies with the standard(s)	Mark(s) of conformity
Main Connector Plug	A	STUCCHI	3701/V-2P	2P 16A 250V IP66/67 T150°C	IEC/EN 61984	IMQ
Main Connector Socket	A	STUCCHI	3702/V-2P	2P 16A 250V IP66/67 T150°	IEC/EN 61984	IMQ
External wiring	A	IRCE	H07RN-F	2X1,5mm ² T90°C 450/750V	IEC 50525-2-21	HAR
Internal wiring	A	IRCE	H03VV-F	2X0,75mm ² T60°C 300/300V	IEC 50525-2-11	HAR
Internal wiring	A	BLF	FG4G4	T180°C 0,5mm ² 450/750V 5 kV Double insulated	Tested acc.to IEC 60598-1 Clause 8	Tested by IMQ
(n.2) LED module for general lighting	B,C	Disano illuminazione	D083_69	4 LED Seoul Wicop Y22 4 LED Seoul Wicop Y50 4000K CRI70	IEC 62031+A1+A2	AUT. IMQ SN.S000OJ
Electronic controlgear for LED modules	B	PHILIPS	Xitanium Xi LP 110W 0.2- 0.7A S1 230V C150 sXt	220-240V 50/60Hz 200 – 700mA U _{OUT} 250 V tc85°C Double Insulated	IEC 61347-1 IEC 61347-2-13 IEC 62384	ENEC 05
Electronic controlgear for LED modules	B	PHILIPS	Xitanium Xi FP 110W 0.2- 0.7A SNLDAE 230V C133 sXt	220-240V 50/60Hz 200 – 700mA U _{OUT} 300 V tc85°C Double Insulated	IEC 61347-1 IEC 61347-2-13 IEC 62384	ENEC 05
Electronic controlgear for LED modules	B/D	TRIDONIC	LCA 120W 350-1050mA One4all c PRE OTD	220-240V 50/60Hz 350 – 1050mA U _{out} 300V tc90°C Double Insulated	EN 61347-1 EN 61347-2-13 EN 62384	ENEC11
Surge Protector (differential mode)	B	PHOENIX CONTACT	BLT-T2-320-UT	L-N 320Vac 10kA 10kV	IEC/EN 61643-11	KEMA KEUR
Optional						
Nema Socket	B/C	TE Connectivity	2213362-4	7 poles 15A 480VAC/DC Power contacts 0,1A 10VAC/DC Dimming contacts	IEC/EN 60598-1	INTEGR.

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COMPONENT/MATERIAL LIST ANNEXED TO LICENCE No. CA04.09513 / TRF No. AI18-0025359-01
(To be attached to the relevant TRF and/or license)

Type ref. 3361 ISEO 2 – 16 LED 59W (ILED 530mA)

Type of component or material	Letter (*)	Manufacturer Trademark	Type Model	Technical data	Complies with the standard(s)	Mark(s) of conformity
Main Connector Plug	A	STUCCHI	3701/V-2P	2P 16A 250V IP66/67 T150°C	IEC/EN 61984	IMQ
Main Connector Socket	A	STUCCHI	3702/V-2P	2P 16A 250V IP66/67 T150°	IEC/EN 61984	IMQ
External wiring	A	IRCE	H07RN-F	2X1,5mm ² T90°C 450/750V	IEC 50525-2-21	HAR
Internal wiring	A	IRCE	H03VV-F	2X0,75mm ² T60°C 300/300V	IEC 50525-2-11	HAR
Internal wiring	A	BLF	FG4G4	T180°C 0,5mm ² 450/750V 5 kV Double insulated	Tested acc.to IEC 60598-1 Clause 8	Tested by IMQ
(n.2) LED module for general lighting	B,C	Disano illuminazione	D083_69	4 LED Seoul Wicop Y22 4 LED Seoul Wicop Y50 4000K CRI70	IEC 62031+A1+A2	AUT. IMQ SN.S000OJ
Electronic controlgear for LED modules	B	PHILIPS	Xitanium Xi LP 70W 0.2-0.7A S1 230V C150 sXt	220-240V 50/60Hz 200 – 700mA U _{OUT} 170 V tc85°C Double Insulated	IEC 61347-1 IEC 61347-2-13 IEC 62384	ENEC 05
Electronic controlgear for LED modules	B/D	PHILIPS	Xitanium Xi FP 70W 0.3-1.0A NLD C150 230V sXt	220-240V 50/60Hz 200 – 700mA U _{OUT} 80 V tc90°C Double Insulated	IEC 61347-1 IEC 61347-2-13 IEC 62384	ENEC 05
Electronic controlgear for LED modules	B/D	TRIDONIC	LCA 75W 250-750mA One4all c PRE OTD	220-240V 50/60Hz 250 – 750mA U _{out} 180V tc85°C Double Insulated	EN 61347-1 EN 61347-2-13 EN 62384	ENEC11
Surge Protector (differential mode)	B	PHOENIX CONTACT	BLT-T2-320-UT	L-N 320Vac 10kA 10kV	IEC/EN 61643-11	KEMA KEUR
Optional						
Nema Socket	B/C	TE Connectivity	2213362-4	7 poles 15A 480VAC/DC Power contacts 0,1A 10VAC/DC Dimming contacts	IEC/EN 60598-1	INTEGR.

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COMPONENT/MATERIAL LIST ANNEXED TO LICENCE No. CA04.09513 / TRF No. AI18-0025359-01

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

Type ref. 3361 ISEO 2 – 8 LED 39W (ILED 700mA)

Type of component or material	Letter (*)	Manufacturer Trademark	Type Model	Technical data	Complies with the standard(s)	Mark(s) of conformity
Main Connector Plug	A	STUCCHI	3701/V-2P	2P 16A 250V IP66/67 T150°C	IEC/EN 61984	IMQ
Main Connector Socket	A	STUCCHI	3702/V-2P	2P 16A 250V IP66/67 T150°	IEC/EN 61984	IMQ
External wiring	A	IRCE	H07RN-F	2X1,5mm ² T90°C 450/750V	IEC 50525-2-21	HAR
Internal wiring	A	IRCE	H03VV-F	2X0,75mm ² T60°C 300/300V	IEC 50525-2-11	HAR
Internal wiring	A	BLF	FG4G4	T180°C 0,5mm ² 450/750V 5 kV Double insulated	Tested acc.to IEC 60598-1 Clause 8	Tested by IMQ
(n.1) LED module for general lighting	B,C	Disano illuminazione	D083_69	4 LED Seoul Wicop Y22 4 LED Seoul Wicop Y50 4000K CRI70	IEC 62031+A1+A2	AUT. IMQ SN.S000OJ
Electronic controlgear for LED modules	B	PHILIPS	Xitanium Xi LP 70W 0.2- 0.7A S1 230V C150 sXt	220-240V 50/60Hz 200 – 700mA U _{OUT} 170 V tc85°C Double Insulated	IEC 61347-1 IEC 61347-2-13 IEC 62384	ENEC 05
Electronic controlgear for LED modules	B/D	PHILIPS	Xitanium Xi FP 70W 0.3- 1.0A NLD C150 230V sXt	220-240V 50/60Hz 200 – 700mA U _{OUT} 80 V tc90°C Double Insulated	IEC 61347-1 IEC 61347-2-13 IEC 62384	ENEC 05
Electronic controlgear for LED modules	B/D	TRIDONIC	LCA 75W 250-750mA One4all c PRE OTD	220-240V 50/60Hz 250 – 750mA U _{out} 180V tc85°C Double Insulated	EN 61347-1 EN 61347-2-13 EN 62384	ENEC11
Surge Protector (differential mode)	B	PHOENIX CONTACT	BLT-T2-320-UT	L-N 320Vac 10kA 10kV	IEC/EN 61643-11	KEMA KEUR
Optional						
Nema Socket	B/C	TE Connectivity	2213362-4	7 poles 15A 480VAC/DC Power contacts 0,1A 10VAC/DC Dimming contacts	IEC/EN 60598-1	INTEGR.

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COMPONENT/MATERIAL LIST ANNEXED TO LICENCE No. CA04.09513 / TRF No. AI18-0025359-01

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

Type ref. 3361 ISEO 2 – 8 LED 29W (ILED 530mA)

Type of component or material	Letter (*)	Manufacturer Trademark	Type Model	Technical data	Complies with the standard(s)	Mark(s) of conformity
Main Connector Plug	A	STUCCHI	3701/V-2P	2P 16A 250V IP66/67 T150°C	IEC/EN 61984	IMQ
Main Connector Socket	A	STUCCHI	3702/V-2P	2P 16A 250V IP66/67 T150°	IEC/EN 61984	IMQ
External wiring	A	IRCE	H07RN-F	2X1,5mm ² T90°C 450/750V	IEC 50525-2-21	HAR
Internal wiring	A	IRCE	H03VV-F	2X0,75mm ² T60°C 300/300V	IEC 50525-2-11	HAR
Internal wiring	A	BLF	FG4G4	T180°C 0,5mm ² 450/750V 5 kV Double insulated	Tested acc.to IEC 60598-1 Clause 8	Tested by IMQ
(n.1) LED module for general lighting	B,C	Disano illuminazione	D083_69	4 LED Seoul Wicop Y22 4 LED Seoul Wicop Y50 4000K CRI70	IEC 62031+A1+A2	AUT.IMQ SN.S000OJ
Electronic controlgear for LED modules	B	PHILIPS	Xitanium Xi LP 40W 0.2-0.7A S1 230V C123 sXt	220-240V 50/60Hz 200 – 700mA U _{OUT} 60 V tc85°C Double Insulated	IEC 61347-1 IEC 61347-2-13 IEC 62384	ENEC 05
Electronic controlgear for LED modules	B	PHILIPS	Xitanium Xi FP 40W 0.2-0.7A SNDLAE 230V C123 sXt	220-240V 50/60Hz 300 – 1000mA U _{OUT} 100 V tc85°C Double Insulated	IEC 61347-1 IEC 61347-2-13 IEC 62384	ENEC 05
Electronic controlgear for LED modules	B/D	TRIDONIC	LCA 60W 350-1050mA One4all c PRE OTD	220-240V 50/60Hz 350 – 1050mA U _{out} 120V tc85°C Double Insulated	EN 61347-1 EN 61347-2-13 EN 62384	ENEC11
Surge Protector (differential mode)	B	PHOENIX CONTACT	BLT-T2-320-UT	L-N 320Vac 10kA 10kV	IEC/EN 61643-11	KEMA KEUR
Optional						
Nema Socket	B/C	TE Connectivity	2213362-4	7 poles 15A 480VAC/DC Power contacts 0,1A 10VAC/DC Dimming contacts	IEC/EN 60598-1	INTEGR.

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COMPONENT/MATERIAL LIST ANNEXED TO LICENCE No. CA04.09513 / TRF No. AI18-0025359-01

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

Type ref. 3362 ISEO 3 – 16 LED 78W (ILED 700mA)

Type of component or material	Letter (*)	Manufacturer Trademark	Type Model	Technical data	Complies with the standard(s)	Mark(s) of conformity
Main Connector Plug	A	STUCCHI	3701/V-2P	2P 16A 250V IP66/67 T150°C	IEC/EN 61984	IMQ
Main Connector Socket	A	STUCCHI	3702/V-2P	2P 16A 250V IP66/67 T150°	IEC/EN 61984	IMQ
External wiring	A	IRCE	H07RN-F	2X1,5mm ² T90°C 450/750V	IEC 50525-2-21	HAR
Internal wiring	A	IRCE	H03VV-F	2X0,75mm ² T60°C 300/300V	IEC 50525-2-11	HAR
Internal wiring	A	BLF	FG4G4	T180°C 0,5mm ² 450/750V 5 kV Double insulated	Tested acc.to IEC 60598-1 Clause 8	Tested by IMQ
(n.2) LED module for general lighting	B,C	Disano illuminazione	D083_69	4 LED Seoul Wicop Y22 4 LED Seoul Wicop Y50 4000K CRI70	IEC 62031+A1+A2	AUT.IMQ SN.S000OJ
Electronic controlgear for LED modules	B	PHILIPS	Xitanium Xi LP 110W 0.2-0.7A S1 230V C150 sXt	220-240V 50/60Hz 200 – 700mA U _{OUT} 250 V tc85°C Double Insulated	IEC 61347-1 IEC 61347-2-13 IEC 62384	ENEC 05
Electronic controlgear for LED modules	B	PHILIPS	Xitanium Xi FP 110W 0.2-0.7A SNLDAE 230V C133 sXt	220-240V 50/60Hz 200 – 700mA U _{OUT} 300 V tc85°C Double Insulated	IEC 61347-1 IEC 61347-2-13 IEC 62384	ENEC 05
Electronic controlgear for LED modules	B/D	TRIDONIC	LCA 120W 350-1050mA One4all c PRE OTD	220-240V 50/60Hz 350 – 1050mA U _{out} 300V tc90°C Double Insulated	EN 61347-1 EN 61347-2-13 EN 62384	ENEC11
Surge Protector (differential mode)	B	PHOENIX CONTACT	BLT-T2-320-UT	L-N 320Vac 10kA 10kV	IEC/EN 61643-11	KEMA KEUR
Optional						
Nema Socket	B/C	TE Connectivity	2213362-4	7 poles 15A 480VAC/DC Power contacts 0,1A 10VAC/DC Dimming contacts	IEC/EN 60598-1	INTEGR.

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

Type ref. 3362 ISEO 3 – 16 LED 59W (ILED 530mA)

Type of component or material	Letter (*)	Manufacturer Trademark	Type Model	Technical data	Complies with the standard(s)	Mark(s) of conformity
Main Connector Plug	A	STUCCHI	3701/V-2P	2P 16A 250V IP66/67 T150°C	IEC/EN 61984	IMQ
Main Connector Socket	A	STUCCHI	3702/V-2P	2P 16A 250V IP66/67 T150°	IEC/EN 61984	IMQ
External wiring	A	IRCE	H07RN-F	2X1,5mm ² T90°C 450/750V	IEC 50525-2-21	HAR
Internal wiring	A	IRCE	H03VV-F	2X0,75mm ² T60°C 300/300V	IEC 50525-2-11	HAR
Internal wiring	A	BLF	FG4G4	T180°C 0,5mm ² 450/750V 5 kV Double insulated	Tested acc.to IEC 60598-1 Clause 8	Tested by IMQ
(n.2) LED module for general lighting	B,C	Disano illuminazione	D083_69	4 LED Seoul Wicop Y22 4 LED Seoul Wicop Y50 4000K CRI70	IEC 62031+A1+A2	AUT. IMQ SN.S000OJ
Electronic controlgear for LED modules	B	PHILIPS	Xitanium Xi LP 70W 0.2- 0.7A S1 230V C150 sXt	220-240V 50/60Hz 200 – 700mA U _{OUT} 170 V tc85°C Double Insulated	IEC 61347-1 IEC 61347-2-13 IEC 62384	ENEC 05
Electronic controlgear for LED modules	B/D	PHILIPS	Xitanium Xi FP 70W 0.3- 1.0A NLD C150 230V sXt	220-240V 50/60Hz 200 – 700mA U _{OUT} 80 V tc90°C Double Insulated	IEC 61347-1 IEC 61347-2-13 IEC 62384	ENEC 05
Electronic controlgear for LED modules	B/D	TRIDONIC	LCA 75W 250-750mA One4all c PRE OTD	220-240V 50/60Hz 250 – 750mA U _{out} 180V tc85°C Double Insulated	EN 61347-1 EN 61347-2-13 EN 62384	ENEC11
Surge Protector (differential mode)	B	PHOENIX CONTACT	BLT-T2-320-UT	L-N 320Vac 10kA 10kV	IEC/EN 61643-11	KEMA KEUR
Optional						
Nema Socket	B/C	TE Connectivity	2213362-4	7 poles 15A 480VAC/DC Power contacts 0,1A 10VAC/DC Dimming contacts	IEC/EN 60598-1	INTEGR.

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COMPONENT/MATERIAL LIST ANNEXED TO LICENCE No. CA04.09513 / TRF No. AI18-0025359-01
(To be attached to the relevant TRF and/or license)

Type ref. 3363 ISEO 4 – 8 LED 39W (ILED 700mA)

Type of component or material	Letter (*)	Manufacturer Trademark	Type Model	Technical data	Complies with the standard(s)	Mark(s) of conformity
Main Connector Plug	A	STUCCHI	3701/V-2P	2P 16A 250V IP66/67 T150°C	IEC/EN 61984	IMQ
Main Connector Socket	A	STUCCHI	3702/V-2P	2P 16A 250V IP66/67 T150°	IEC/EN 61984	IMQ
External wiring	A	IRCE	H07RN-F	2X1,5mm ² T90°C 450/750V	IEC 50525-2-21	HAR
Internal wiring	A	IRCE	H03VV-F	2X0,75mm ² T60°C 300/300V	IEC 50525-2-11	HAR
Internal wiring	A	BLF	FG4G4	T180°C 0,5mm ² 450/750V 5 kV Double insulated	Tested acc.to IEC 60598-1 Clause 8	Tested by IMQ
(n.1) LED module for general lighting	B,C	Disano illuminazione	E113_42	4 LED LUXEON MZ 4 LED LUXEON TX 4000K CRI70	IEC 62031+A1+A2	AUT. IMQ SN.S000OJ
Electronic controlgear for LED modules	B	PHILIPS	Xitanium Xi LP 70W 0.2- 0.7A S1 230V C150 sXt	220-240V 50/60Hz 200 – 700mA U _{OUT} 170 V tc85°C Double Insulated	IEC 61347-1 IEC 61347-2-13 IEC 62384	ENEC 05
Electronic controlgear for LED modules	B/D	PHILIPS	Xitanium Xi FP 70W 0.3- 1.0A NLD C150 230V sXt	220-240V 50/60Hz 200 – 700mA U _{OUT} 80 V tc90°C Double Insulated	IEC 61347-1 IEC 61347-2-13 IEC 62384	ENEC 05
Electronic controlgear for LED modules	B/D	TRIDONIC	LCA 75W 250-750mA One4all c PRE OTD	220-240V 50/60Hz 250 – 750mA U _{out} 180V tc85°C Double Insulated	EN 61347-1 EN 61347-2-13 EN 62384	ENEC11
Surge Protector (differential mode)	B	PHOENIX CONTACT	BLT-T2-320-UT	L-N 320Vac 10kA 10kV	IEC/EN 61643-11	KEMA KEUR
Optional						
Nema Socket	B/C	TE Connectivity	2213362-4	7 poles 15A 480VAC/DC Power contacts 0,1A 10VAC/DC Dimming contacts	IEC/EN 60598-1	INTEGR.

Sheet 9 of Sheets 9

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Emesso il/Issued on: 2018-06-20

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COMPONENT/MATERIAL LIST ANNEXED TO LICENCE No. CA04.09513 / TRF No. AI18-0025359-01
(To be attached to the relevant TRF and/or license)

Type ref. 3363 ISEO 4 – 8 LED 29W (ILED 530mA)

Type of component or material	Letter (*)	Manufacturer Trademark	Type Model	Technical data	Complies with the standard(s)	Mark(s) of conformity
Main Connector Plug	A	STUCCHI	3701/V-2P	2P 16A 250V IP66/67 T150°C	IEC/EN 61984	IMQ
Main Connector Socket	A	STUCCHI	3702/V-2P	2P 16A 250V IP66/67 T150°	IEC/EN 61984	IMQ
External wiring	A	IRCE	H07RN-F	2X1,5mm ² T90°C 450/750V	IEC 50525-2-21	HAR
Internal wiring	A	IRCE	H03VV-F	2X0,75mm ² T60°C 300/300V	IEC 50525-2-11	HAR
Internal wiring	A	BLF	FG4G4	T180°C 0,5mm ² 450/750V 5 kV Double insulated	Tested acc.to IEC 60598-1 Clause 8	Tested by IMQ
(n.1) LED module for general lighting	B,C	Disano illuminazione	E113_42	4 LED LUXEON MZ 4 LED LUXEON TX 4000K CRI70	IEC 62031+A1+A2	AUT. IMQ SN.S000OJ
Electronic controlgear for LED modules	B	PHILIPS	Xitanium Xi LP 40W 0.2- 0.7A S1 230V C123 sXt	220-240V 50/60Hz 200 – 700mA U _{OUT} 60 V tc85°C Double Insulated	IEC 61347-1 IEC 61347-2-13 IEC 62384	ENEC 05
Electronic controlgear for LED modules	B	PHILIPS	Xitanium Xi FP 40W 0.2- 0.7A SNDLAE 230V C123 sXt	220-240V 50/60Hz 300 – 1000mA U _{OUT} 100 V tc85°C Double Insulated	IEC 61347-1 IEC 61347-2-13 IEC 62384	ENEC 05
Electronic controlgear for LED modules	B/D	TRIDONIC	LCA 60W 350-1050mA One4all c PRE OTD	220-240V 50/60Hz 350 – 1050mA U _{out} 120V tc85°C Double Insulated	EN 61347-1 EN 61347-2-13 EN 62384	ENEC11
Surge Protector (differential mode)	B	PHOENIX CONTACT	BLT-T2-320-UT	L-N 320Vac 10kA 10kV	IEC/EN 61643-11	KEMA KEUR
Optional						
Nema Socket	B/C	TE Connectivity	2213362-4	7 poles 15A 480VAC/DC Power contacts 0,1A 10VAC/DC Dimming contacts	IEC/EN 60598-1	INTEGR.

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