

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

for the following products

**Apparecchi di illuminazione
stradale
(Serie Armature Stradali LED)**

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

Emesso il / Issued on **2015-12-23**

Aggiornato il / Updated on **2019-03-08**

Sostituisce / Replaces **2015-12-23**

IMQ S.p.A.

Allegato - Certificato di approvazione
Annex - Approval certificate

Emesso il / Issued on 2015-12-23
Aggiornato il / Updated on 2019-03-08
Sostituisce / Replaces 2015-12-23

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

Rapporti | Test Reports

AI18-0032050-01; AI18-0032052-01

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.P009CR

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **32 LED / Max 170W**
Attacco lamp./tipo / Lamp cap/type **LED 3000-4000K**
Rif. di tipo / Type ref. **3290 Sella 1**
IP / **66**
Gruppo di rischio / Risk group **RG1 a/at 2,5m - RG0 a/at 3m (*)**

AR.P009CT

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **24 LED / Max 126W**
Attacco lamp./tipo / Lamp cap/type **LED 3000-4000K**
Rif. di tipo / Type ref. **3290 Sella 1**
IP / **66**

Gruppo di rischio / Risk group **RG1 a/at 2,5m - RG0 a/at 3m (*)**

AR.P009CV

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **16 LED / Max 84W**
Attacco lamp./tipo / Lamp cap/type **LED 3000-4000K**
Rif. di tipo / Type ref. **3290 Sella 1**
IP / **66**
Gruppo di rischio / Risk group **RG1 a/at 2,5m - RG0 a/at 3m (*)**

AR.P009CX

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **8 LED / Max 42W**
Attacco lamp./tipo / Lamp cap/type **LED 3000-4000K**
Rif. di tipo / Type ref. **3290 Sella 1**
IP / **66**
Gruppo di rischio / Risk group **RG1 a/at 2,5m - RG0 a/at 3m (*)**

AR.P009CZ

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **32 LED / Max 170W**
Attacco lamp./tipo / Lamp cap/type **LED 3000-4000K**
Rif. di tipo / Type ref. **3291 Sella 1**
IP / **66**
Gruppo di rischio / Risk group **RG1 a/at 2,5m - RG0 a/at 3m (*)**

AR.P009D1

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **24 LED / Max 126W**
Attacco lamp./tipo / Lamp cap/type **LED 3000-4000K**
Rif. di tipo / Type ref. **3291 Sella 1**
IP / **66**
Gruppo di rischio / Risk group **RG1 a/at 2,5m - RG0 a/at 3m (*)**

AR.P009D3

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **16 LED / Max 84W**
Attacco lamp./tipo / Lamp cap/type **LED 3000-4000K**
Rif. di tipo / Type ref. **3291 Sella 1**
IP / **66**
Gruppo di rischio / Risk group **RG1 a/at 2,5m - RG0 a/at 3m (*)**

AR.P009D5

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **8 LED / Max 42W**
Attacco lamp./tipo / Lamp cap/type **LED 3000-4000K**
Rif. di tipo / Type ref. **3291 Sella 1**
IP / **66**
Gruppo di rischio / Risk group **RG1 a/at 2,5m - RG0 a/at 3m (*)**

AR.S00CIM

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **12 LED / Max 102W**
Attacco lamp./tipo / Lamp cap/type **LED 3000-4000K**
Rif. di tipo / Type ref. **3292 Sella 1**
IP / **66**
Gruppo di rischio / Risk group **RG1 a/at 2,5m - RG0 a/at 3m (*)**

AR.S00CIN

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **8 LED / Max 68W**
Attacco lamp./tipo / Lamp cap/type **LED 3000-4000K**
Rif. di tipo / Type ref. **3292 Sella 1**
IP / **66**
Gruppo di rischio / Risk group **RG1 a/at 2,5m - RG0 a/at 3m (*)**

AR.S00CIO

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **4 LED / Max 34W**
Attacco lamp./tipo / Lamp cap/type **LED 3000-4000K**
Rif. di tipo / Type ref. **3292 Sella 1**
IP / **66**
Gruppo di rischio / Risk group **RG1 a/at 2,5m - RG0 a/at 3m (*)**

AR.S00CIP

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **12 LED / Max 102W**
Attacco lamp./tipo / Lamp cap/type **LED 3000-4000K**
Rif. di tipo / Type ref. **3293 Sella 1**
IP / **66**
Gruppo di rischio / Risk group **RG1 a/at 2,5m - RG0 a/at 3m (*)**

AR.S00CIQ

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **8 LED / Max 68W**
Attacco lamp./tipo / Lamp cap/type **LED 3000-4000K**
Rif. di tipo / Type ref. **3293 Sella 1**
IP / **66**
Gruppo di rischio / Risk group **RG1 a/at 2,5m - RG0 a/at 3m (*)**

AR.S00CIR

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **4 LED / Max 34W**
Attacco lamp./tipo / Lamp cap/type **LED 3000-4000K**
Rif. di tipo / Type ref. **3293 Sella 1**
IP / **66**
Gruppo di rischio / Risk group **RG1 a/at 2,5m - RG0 a/at 3m (*)**

AR.S00CIS

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **8 LED / Max 68W**
Attacco lamp./tipo / Lamp cap/type **LED 3000-4000K**
Rif. di tipo / Type ref. **3294 Sella 1**
IP / **66**
Gruppo di rischio / Risk group **RG1 a/at 2,0m - RG0 a/at 2,5m (*)**

AR.S00CIT

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **4 LED / Max 34W**
Attacco lamp./tipo / Lamp cap/type **LED 3000-4000K**
Rif. di tipo / Type ref. **3294 Sella 1**
IP / **66**
Gruppo di rischio / Risk group **RG1 a/at 2,0m - RG0 a/at 2,5m (*)**

AR.S00CTU

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **12 LED / Max 102W**
Attacco lamp./tipo / Lamp cap/type **LED 3000-4000K**
Rif. di tipo / Type ref. **3295 Sella 1**
IP / **66**
Gruppo di rischio / Risk group **RG1 a/at 2,5m - RG0 a/at 3m (*)**

AR.S00CTV

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **8 LED / Max 68W**
Attacco lamp./tipo / Lamp cap/type **LED 3000-4000K**
Rif. di tipo / Type ref. **3295 Sella 1**
IP / **66**
Gruppo di rischio / Risk group **RG1 a/at 2,5m - RG0 a/at 3m (*)**

AR.S00CTW

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **4 LED / Max 34W**
Attacco lamp./tipo / Lamp cap/type **LED 3000-4000K**
Rif. di tipo / Type ref. **3295 Sella 1**
IP / **66**
Gruppo di rischio / Risk group **RG1 a/at 2,5m - RG0 a/at 3m (*)**

AR.S00CIX

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **12 LED / Max 26W**
Attacco lamp./tipo / Lamp cap/type **LED 3000-4000K**
Rif. di tipo / Type ref. **3290 Sella 1 HP**
IP / **66**
Gruppo di rischio / Risk group **RG1 - RG0 a/at 2m(*)**

AR.S00CIY

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **24 LED / Max 52W**
Attacco lamp./tipo / Lamp cap/type **LED 3000-4000K**
Rif. di tipo / Type ref. **3290 Sella 1 HP**
IP / **66**
Gruppo di rischio / Risk group **RG1 - RG0 a/at 2m(*)**

AR.S00CIZ

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **36 LED / Max 78W**
Attacco lamp./tipo / Lamp cap/type **LED 3000-4000K**
Rif. di tipo / Type ref. **3290 Sella 1 HP**
IP / **66**
Gruppo di rischio / Risk group **RG1 - RG0 a/at 2m(*)**

AR.S00CJO

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **48 LED / Max 103W**
Attacco lamp./tipo / Lamp cap/type **LED 3000-4000K**
Rif. di tipo / Type ref. **3290 Sella 1 HP**
IP / **66**
Gruppo di rischio / Risk group **RG1 - RG0 a/at 2m(*)**

AR.S00CJI

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **12 LED / Max 26W**
Attacco lamp./tipo / Lamp cap/type **LED 3000-4000K**
Rif. di tipo / Type ref. **3291 Sella 1 HP**
IP / **66**
Gruppo di rischio / Risk group **RG1 - RG0 a/at 2m(*)**

AR.S00CJ2

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **24 LED / Max 52W**
Attacco lamp./tipo / Lamp cap/type **LED 3000-4000K**
Rif. di tipo / Type ref. **3291 Sella 1 HP**
IP / **66**
Gruppo di rischio / Risk group **RG1 - RG0 a/at 2m(*)**

AR.S00CJ3

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **36 LED / Max 78W**
Attacco lamp./tipo / Lamp cap/type **LED 3000-4000K**
Rif. di tipo / Type ref. **3291 Sella 1 HP**
IP / **66**
Gruppo di rischio / Risk group **RG1 - RG0 a/at 2m(*)**

AR.S00CJ4

Marca / Trade mark **disano illuminazione**
N.lampade/Pn / No.lamps/Rw **48 LED / Max 103W**

Attacco lamp./tipo | Lamp cap/type **LED 3000-4000K**
Rif. di tipo | Type ref. **3291 Sella 1 HP**
IP | **66**
Gruppo di rischio | Risk group **RG1 - RG0 a/at 2m(*)**

Ulteriori informazioni | Additional Information

(*) distanza richiesta dal costruttore

Ottica:

3290 Sella 1 3000-4000K Fascio per illuminazione stradale
3291 Sella 1 3000-4000K Fascio per illuminazione stradale Fascio largo
3292 Sella 1 3000-4000K Fascio asimmetrico 45 °
3293 Sella 1 3000-4000K Fascio asimmetrico 60 °
3294 Sella 1 3000-4000K Pedestrian Beam
3295 Sella 1 3000-4000K Fascio per grandi aree
3290 Sella 1 HP 3000-4000K Fascio per illuminazione stradale
3291 Sella 1 HP 3000-4000K Illuminazione stradale Fascio largo

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

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

La prova è stata effettuata con il martello di prova.

(*) distance requested by the manufacturer

Optical

3290 Sella 1 3000-4000K Street Lighting Beam
3291 Sella 1 3000-4000K Street Lighting Wide Beam
3292 Sella 1 3000-4000K Asymmetric Beam 45°
3293 Sella 1 3000-4000K Asymmetric Beam 60°
3294 Sella 1 3000-4000K Pedestrian Beam
3295 Sella 1 3000-4000K Big Areas Beam
3290 Sella 1 HP 3000-4000K Street Lighting Beam
3291 Sella 1 HP 3000-4000K Street Lighting Wide Beam

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

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

Test was performed with test hammer.

Componenti | Component List

Vedere apposito elenco /See relevant annex

Emesso il | Issued on **2015-12-23**

Aggiornato il | Updated on **2019-03-08**

Sostituisce | Replaces **2015-12-23**

Diritti di concessione | Annual Fees

SN.P000YY

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 LICENSE No. CA04.09056 / TRF No.AI18-0032050-01
 (To be attached to the relevant TRF and/or license)

Component list for Type ref.: 3290 Sella 1 – 3291 Sella 1 32 LED (ILED 700mA)

| Type of component or material | Letter (*) | Manufacturer Trademark | Type Model | Technical data | Complies with the standard(s) | Mark(s) of conformity |
|--|------------|------------------------|--|--|--|------------------------|
| Connector | A | STUCCHI | 3701/V-2P 3702/V-2P | 2P 16A 250V IP66/67 T150°C | IEC 61984 | IMQ |
| Knife Switch | A | STUCCHI | 3649-650 | 2P 16A 250V IP66/67 T150°C | IEC 61984 | IMQ |
| External wiring | A | IRCE | H07RN-F | 2X1,5mm ² T90°C 450/750V | IEC 50525-2-21 | HAR |
| Internal wiring | A | BLF | UG4G4 | 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 | D083-69 | 4 LED Seoul Wicop Y22 4 LED Seoul Wicop Y50 | IEC 62031+A1+A2 | AUT.IMQ (SN.S000NH) |
| (n.4) LED module for general lighting | B,C,D | Disano illuminazione | D083-68 | 4 LED Lumileds Luxeon MX 4 LED Lumileds Luxeon TX | IEC 62031+A1+A2 | AUT.IMQ (SN.S001PF) |
| Electronic controlgear for LED modules | B | TRIDONIC | LCA 160W 350-1050mA one4all C PRE OTD | 220-240V 50/60Hz 350-1050mA U _{OUT} 400 V _{dc} Tc95°C Double Insulated | IEC 61347-1 IEC 61347-2-13 IEC 62384 | ENEC |
| Electronic controlgear for LED modules | B,D | PHILIPS | Xi LP 165W 0.2-0.7A S1 230V C170 sXt | 220-240V 50/60Hz U _{out} 330Vdc tc85°C Double Insulated | IEC 61347-1 IEC 61347-2-13 IEC 62384 | ENEC |
| Electronic controlgear for LED modules | B,D | PHILIPS | Xi FP 165W 0.2-0.7A S1 230V C170 sXt | 220-240V 50/60Hz U _{out} 330Vdc tc85°C Double Insulated | IEC 61347-1 IEC 61347-2-13 IEC 62384 | ENEC |

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

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

IMQ S.p.A.

Emesso il/Issued on: 2015-12-23

Data di aggiornamento/Updated on: 2019-03-08

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D – Alternative component/material

COMPONENT/MATERIAL LIST ANNEXED TO LICENSE No. CA04.09056 / TRF No.AI18-0032050-01
(To be attached to the relevant TRF and/or license)

Component list for Type ref.: 3290 Sella 1 – 3291 Sella 1 Sella 1 24 LED (ILED 700mA)

| Type of component or material | Letter (*) | Manufacturer Trademark | Type Model | Technical data | Complies with the standard(s) | Mark(s) of conformity |
|--|------------|------------------------|--|---|--|------------------------|
| Connector | A | STUCCHI | 3701/V-2P 3702/V-2P | 2P 16A 250V IP66/67 T150°C | IEC 61984 | IMQ |
| Knife Switch | A | STUCCHI | 3649-650 | 2P 16A 250V IP66/67 T150°C | IEC 61984 | IMQ |
| External wiring | A | IRCE | H07RN-F | 2X1,5mm ² T90°C 450/750V | IEC 50525-2-21 | HAR |
| Internal wiring | A | BLF | UG4G4 | T180°C 0,5mm ² 450/750V 5 kV Double insulated | Tested acc.to IEC 60598-1 Clause 8 | Tested by IMQ |
| Connecting device (internal) | A | BM | M093 | 2P – 2.5mm ² – 250V – T=125°C | IEC 60998-1 IEC 60998-2-1 | ENEC 03 |
| (n.3) LED module for general lighting | B,C | Disano illuminazione | D083-69 | 4 LED Seoul Wicop Y22 4 LED Seoul Wicop Y50 | IEC 62031+A1+A2 | AUT.IMQ (SN.S000NH) |
| (n.3) LED module for general lighting | B,C,D | Disano illuminazione | D083-68 | 4 LED Lumileds Luxeon MX 4 LED Lumileds Luxeon TX | IEC 62031+A1+A2 | AUT.IMQ (SN.S001PE) |
| Electronic controlgear for LED modules | B | PHILIPS | Xitanium 150W 0.70A 1-10V 230V S240 sXt | 220-240V _{AC} 50/60Hz 700mA V _{OUT} = 320 V _{dc} 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 LP 150W 0.2-0.70A S1 | 220-240V 50/60Hz Uout 340Vdc 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 150W 0.2-0.70A SNLDAE | 220-240V 50/60Hz Uout 340Vdc tc90°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 PRE OTD | 220-240V 50/60Hz Uout 300Vdc tc90°C Double Insulated | IEC 61347-1 IEC 61347-2-13 IEC 62384 | ENEC 11 |

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IMQ S.p.A.

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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 LICENSE No. CA04.09056 / TRF No.AI18-0032050-01
(To be attached to the relevant TRF and/or license)

Component list for Type ref.: 3290 Sella 1 – 3291 Sella 1 Sella 1 16 LED (ILED 700mA)

| Type of component or material | Letter (*) | Manufacturer Trademark | Type Model | Technical data | Complies with the standard(s) | Mark(s) of conformity |
|--|------------|------------------------|--|---|--|------------------------|
| Connector | A | STUCCHI | 3701/V-2P 3702/V-2P | 2P 16A 250V IP66/67 T150°C | IEC 61984 | IMQ |
| Knife Switch | A | STUCCHI | 3649-650 | 2P 16A 250V IP66/67 T150°C | IEC 61984 | IMQ |
| External wiring | A | IRCE | H07RN-F | 2X1,5mm ² T90°C 450/750V | IEC 50525-2-21 | HAR |
| Internal wiring | A | BLF | UG4G4 | T180°C 0,5mm ² 450/750V 5 kV Double insulated | Tested acc.to IEC 60598-1 Clause 8 | Tested by IMQ |
| Connecting device (internal) | A | BM | M093 | 2P – 2.5mm ² – 250V – T=125°C | IEC 60998-1 IEC 60998-2-1 | ENEC 03 |
| (n.2) LED module for general lighting | B,C | Disano illuminazione | D083-69 | 4 LED Seoul Wicop Y22 4 LED Seoul Wicop Y50 | IEC 62031+A1+A2 | AUT.IMQ (SN.S000NH) |
| (n.2) LED module for general lighting | B,C,D | Disano illuminazione | D083-68 | 4 LED Lumileds Luxeon MX 4 LED Lumileds Luxeon TX | IEC 62031+A1+A2 | AUT.IMQ (SN.S001PF) |
| Electronic controlgear for LED modules | B | PHILIPS | Xitanium 150W 0.70A 1-10V 230V S240 sXt | 220-240V _{AC} 50/60Hz 700mA V _{OUT} = 320 V _{dc} 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 LP 150W 0.2-0.70A S1 | 220-240V 50/60Hz Uout 340Vdc 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 150W 0.2-0.70A SNLDAE | 220-240V 50/60Hz Uout 340Vdc tc90°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 PRE OTD | 220-240V 50/60Hz Uout 300Vdc tc90°C Double Insulated | IEC 61347-1 IEC 61347-2-13 IEC 62384 | ENEC 11 |

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IMQ S.p.A.

Emesso il/Issued on: 2015-12-23

Data di aggiornamento/Updated on: 2019-03-08

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COMPONENT/MATERIAL LIST ANNEXED TO LICENSE No. CA04.09056 / TRF No.AI18-0032050-01
 (To be attached to the relevant TRF and/or license)

Component list for Type ref.: 3290 Sella 1 – 3291 Sella 1 Sella 1 8 LED (ILED 700mA)

| Type of component or material | Letter (*) | Manufacturer Trademark | Type Model | Technical data | Complies with the standard(s) | Mark(s) of conformity |
|--|------------|------------------------|---|---|--|------------------------|
| Connector | A | STUCCHI | 3701/V-2P 3702/V-2P | 2P 16A 250V IP66/67 T150°C | IEC 61984 | IMQ |
| Knife Switch | A | STUCCHI | 3649-650 | 2P 16A 250V IP66/67 T150°C | IEC 61984 | IMQ |
| External wiring | A | IRCE | H07RN-F | 2X1,5mm ² T90°C 450/750V | IEC 50525-2-21 | HAR |
| Internal wiring | A | BLF | UG4G4 | T180°C 0,5mm ² 450/750V 5 kV Double insulated | Tested acc.to IEC 60598-1 Clause 8 | Tested by IMQ |
| Connecting device (internal) | A | BM | M093 | 2P – 2.5mm ² – 250V – T=125°C | IEC 60998-1 IEC 60998-2-1 | ENEC 03 |
| LED module for general lighting | B,C | Disano illuminazione | D083-69 | 4 LED Seoul Wicop Y22 4 LED Seoul Wicop Y50 | IEC 62031+A1+A2 | AUT.IMQ (SN.S000NH) |
| LED module for general lighting | B,C,D | Disano illuminazione | D083-68 | 4 LED Lumileds Luxeon MX 4 LED Lumileds Luxeon TX | IEC 62031+A1+A2 | AUT.IMQ (SN.S001PF) |
| Electronic controlgear for LED modules | B | PHILIPS | Xitanium 75W 0.70A 1-10V 230V C165 sXt | 220-240V _{AC} 50/60Hz 700mA V _{OUT} = 160 V _{dc} 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 LP 75W 0.2-0.70A S1 | 220-240V 50/60Hz Uout 190Vdc 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 150W 0.2-0.70A SNLDAE | 220-240V 50/60Hz Uout 190Vdc tc85°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 PRE OTD | 220-240V 50/60Hz Uout 180Vdc tc85°C Double Insulated | IEC 61347-1 IEC 61347-2-13 IEC 62384 | ENEC 11 |

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IMQ S.p.A.

Emesso il/Issued on: 2015-12-23

Data di aggiornamento/Updated on: 2019-03-08

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COMPONENT/MATERIAL LIST ANNEXED TO LICENSE No. CA04.09056 / TRF No.AI18-0032050-01

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

Component list for Type ref.: 3292 Sella 1 – 3293 Sella 1 - 3295 Sella 1 12 LED (ILED 700mA)

| Type of component or material | Letter (*) | Manufacturer Trademark | Type Model | Technical data | Complies with the standard(s) | Mark(s) of conformity |
|--|------------|------------------------|--|---|--|------------------------|
| Connector | A | STUCCHI | 3701/V-2P 3702/V-2P | 2P 16A 250V IP66/67 T150°C | IEC 61984 | IMQ |
| Knife Switch | A | STUCCHI | 3649-650 | 2P 16A 250V IP66/67 T150°C | IEC 61984 | IMQ |
| External wiring | A | IRCE | H07RN-F | 2X1,5mm ² T90°C 450/750V | IEC 50525-2-21 | HAR |
| Internal wiring | A | BLF | UG4G4 | T180°C 0,5mm ² 450/750V 5 kV Double insulated | Tested acc.to IEC 60598-1 Clause 8 | Tested by IMQ |
| Connecting device (internal) | A | BM | M093 | 2P – 2.5mm ² – 250V – T=125°C | IEC 60998-1 IEC 60998-2-1 | ENEC 03 |
| (n.3) LED module for general lighting | B,C | Disano illuminazione | D083-46 | 4 LED OSRAM P10 | IEC 62031+A1+A2 | AUT.IMQ (SN.S000NI) |
| Electronic controlgear for LED modules | B | PHILIPS | Xitanium 150W 0.70A 1-10V 230V S240 sXt | 220-240V _{AC} 50/60Hz 700mA V _{OUT} = 320 V _{dc} 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 LP 150W 0.2-0.70A S1 | 220-240V 50/60Hz Uout 340Vdc 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 150W 0.2-0.70A SNLDAE | 220-240V 50/60Hz Uout 340Vdc tc90°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 PRE OTD | 220-240V 50/60Hz Uout 300Vdc tc90°C Double Insulated | IEC 61347-1 IEC 61347-2-13 IEC 62384 | ENEC 11 |

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COMPONENT/MATERIAL LIST ANNEXED TO LICENSE No. CA04.09056 / TRF No.AI18-0032050-01
(To be attached to the relevant TRF and/or license)

Component list for Type ref.: 3292 Sella 1 – 3293 Sella 1 - 3295 Sella 1 8 LED (ILED 700mA)

| Type of component or material | Letter (*) | Manufacturer Trademark | Type Model | Technical data | Complies with the standard(s) | Mark(s) of conformity |
|--|------------|------------------------|---|---|--|------------------------|
| Connector | A | STUCCHI | 3701/V-2P 3702/V-2P | 2P 16A 250V IP66/67 T150°C | IEC 61984 | IMQ |
| Knife Switch | A | STUCCHI | 3649-650 | 2P 16A 250V IP66/67 T150°C | IEC 61984 | IMQ |
| External wiring | A | IRCE | H07RN-F | 2X1,5mm ² T90°C 450/750V | IEC 50525-2-21 | HAR |
| Internal wiring | A | BLF | UG4G4 | T180°C 0,5mm ² 450/750V 5 kV Double insulated | Tested acc.to IEC 60598-1 Clause 8 | Tested by IMQ |
| Connecting device (internal) | A | BM | M093 | 2P – 2.5mm ² – 250V – T=125°C | IEC 60998-1 IEC 60998-2-1 | ENEC 03 |
| (n.2) LED module for general lighting | B,C | Disano illuminazione | D083-46 | 4 LED OSRAM P10 | IEC 62031+A1+A2 | AUT.IMQ (SN.S000NI) |
| Electronic controlgear for LED modules | B | PHILIPS | Xitanium 75W 0.70A 1-10V 230V C165 sXt | 220-240V _{AC} 50/60Hz 700mA V _{OUT} = 160 V _{dc} 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 LP 75W 0.2-0.70A S1 | 220-240V 50/60Hz U _{out} 190V _{dc} 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 75W 0.2-0.70A SNLDAE | 220-240V 50/60Hz U _{out} 190V _{dc} tc85°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 PRE OTD | 220-240V 50/60Hz U _{out} 180V _{dc} tc85°C Double Insulated | IEC 61347-1 IEC 61347-2-13 IEC 62384 | ENEC 11 |

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Component list for Type ref.: 3292 Sella 1 – 3293 Sella 1 - 3295 Sella 1 4 LED (ILED 700mA)

| Type of component or material | Letter (*) | Manufacturer Trademark | Type Model | Technical data | Complies with the standard(s) | Mark(s) of conformity |
|--|------------|------------------------|--|--|--|------------------------|
| Connector | A | STUCCHI | 3701/V-2P 3702/V-2P | 2P 16A 250V IP66/67 T150°C | IEC 61984 | IMQ |
| Knife Switch | A | STUCCHI | 3649-650 | 2P 16A 250V IP66/67 T150°C | IEC 61984 | IMQ |
| External wiring | A | IRCE | H07RN-F | 2X1,5mm ² T90°C 450/750V | IEC 50525-2-21 | HAR |
| Internal wiring | A | BLF | UG4G4 | T180°C 0,5mm ² 450/750V 5 kV Double insulated | Tested acc.to IEC 60598-1 Clause 8 | Tested by IMQ |
| Connecting device (internal) | A | BM | M093 | 2P – 2.5mm ² – 250V – T=125°C | IEC 60998-1 IEC 60998-2-1 | ENEC 03 |
| (n.2) LED module for general lighting | B,C | Disano illuminazione | D083-46 | 4 LED OSRAM P10 | IEC 62031+A1+A2 | AUT.IMQ (SN.S000NI) |
| Electronic controlgear for LED modules | B,D | PHILIPS | XITANIUM Xi LP 40W 0.2-0.70A S1 | 220-240V 50/60Hz Uout 60Vdc 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 40W 0.2-0.70A SNLDAE | 220-240V 50/60Hz Uout 100Vdc 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 PRE OTD | 220-240V 50/60Hz Uout 60Vdc tc85°C Double Insulated | IEC 61347-1 IEC 61347-2-13 IEC 62384 | ENEC 11 |

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Component list for Type ref.: 3294 Sella 1 8 LED (ILED 700mA)

| Type of component or material | Letter (*) | Manufacturer Trademark | Type Model | Technical data | Complies with the standard(s) | Mark(s) of conformity |
|--|------------|------------------------|---|---|--|------------------------|
| Connector | A | STUCCHI | 3701/V-2P 3702/V-2P | 2P 16A 250V IP66/67 T150°C | IEC 61984 | IMQ |
| Knife Switch | A | STUCCHI | 3649-650 | 2P 16A 250V IP66/67 T150°C | IEC 61984 | IMQ |
| External wiring | A | IRCE | H07RN-F | 2X1,5mm ² T90°C 450/750V | IEC 50525-2-21 | HAR |
| Internal wiring | A | BLF | UG4G4 | T180°C 0,5mm ² 450/750V 5 kV Double insulated | Tested acc.to IEC 60598-1 Clause 8 | Tested by IMQ |
| Connecting device (internal) | A | BM | M093 | 2P – 2.5mm ² – 250V – T=125°C | IEC 60998-1 IEC 60998-2-1 | ENEC 03 |
| (n.2) LED module for general lighting | B,C | Disano illuminazione | D083-45 | 4 LED LUMILEDS LUXEON MZ | IEC 62031+A1+A2 | AUT.IMQ (SN.S001PI) |
| Electronic controlgear for LED modules | B | PHILIPS | Xitanium 75W 0.70A 1-10V 230V C165 sXt | 220-240V _{AC} 50/60Hz 700mA V _{OUT} = 160 V _{dc} 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 LP 75W 0.2-0.70A S1 | 220-240V 50/60Hz Uout 190Vdc 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 75W 0.2-0.70A SNLDAE | 220-240V 50/60Hz Uout 190Vdc tc85°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 PRE OTD | 220-240V 50/60Hz Uout 180Vdc tc85°C Double Insulated | IEC 61347-1 IEC 61347-2-13 IEC 62384 | ENEC 11 |

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Component list for Type ref.: 3294 Sella 1 4 LED (ILED 700mA)

| Type of component or material | Letter (*) | Manufacturer Trademark | Type Model | Technical data | Complies with the standard(s) | Mark(s) of conformity |
|--|------------|------------------------|--|--|--|------------------------|
| Connector | A | STUCCHI | 3701/V-2P 3702/V-2P | 2P 16A 250V IP66/67 T150°C | IEC 61984 | IMQ |
| Knife Switch | A | STUCCHI | 3649-650 | 2P 16A 250V IP66/67 T150°C | IEC 61984 | IMQ |
| External wiring | A | IRCE | H07RN-F | 2X1,5mm ² T90°C 450/750V | IEC 50525-2-21 | HAR |
| Internal wiring | A | BLF | UG4G4 | T180°C 0,5mm ² 450/750V 5 kV Double insulated | Tested acc.to IEC 60598-1 Clause 8 | Tested by IMQ |
| Connecting device (internal) | A | BM | M093 | 2P – 2.5mm ² – 250V – T=125°C | IEC 60998-1 IEC 60998-2-1 | ENEC 03 |
| (n.2) LED module for general lighting | B,C | Disano illuminazione | D083-45 | 4 LED LUMILEDS LUXEON MZ | IEC 62031+A1+A2 | AUT.IMQ (SN.S001PI) |
| Electronic controlgear for LED modules | B,D | PHILIPS | XITANIUM Xi LP 40W 0.2-0.70A S1 | 220-240V 50/60Hz Uout 60Vdc 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 40W 0.2-0.70A SNLDAE | 220-240V 50/60Hz Uout 100Vdc 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 PRE OTD | 220-240V 50/60Hz Uout 60Vdc tc85°C Double Insulated | IEC 61347-1 IEC 61347-2-13 IEC 62384 | ENEC 11 |

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Component list for Type ref.: 3290 Sella 1 HP – 3291 Sella 1 HP 48 LED (ILED 350mA)

| Type of component or material | Letter (*) | Manufacturer Trademark | Type Model | Technical data | Complies with the standard(s) | Mark(s) of conformity |
|--|------------|------------------------|--|---|--|------------------------|
| Connector | A | STUCCHI | 3701/V-2P 3702/V-2P | 2P 16A 250V IP66/67 T150°C | IEC 61984 | IMQ |
| Knife Switch | A | STUCCHI | 3649-650 | 2P 16A 250V IP66/67 T150°C | IEC 61984 | IMQ |
| External wiring | A | IRCE | H07RN-F | 2X1,5mm ² T90°C 450/750V | IEC 50525-2-21 | HAR |
| Internal wiring | A | BLF | UG4G4 | T180°C 0,5mm ² 450/750V 5 kV Double insulated | Tested acc.to IEC 60598-1 Clause 8 | Tested by IMQ |
| Connecting device (internal) | A | BM | M093 | 2P – 2.5mm ² – 250V – T=125°C | IEC 60998-1 IEC 60998-2-1 | ENEC 03 |
| (n.2) LED module for general lighting | B,C | Disano illuminazione | D077-56 | 24 LED LULIMEDS LUXEON 5050 | IEC 62031+A1+A2 | AUT.IMQ (SN.S001PE) |
| Electronic controlgear for LED modules | B | PHILIPS | Xitanium 150W 0.70A 1-10V 230V S240 sXt | 220-240V _{AC} 50/60Hz 700mA V _{OUT} = 320 V _{dc} 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 LP 150W 0.2-0.70A S1 | 220-240V 50/60Hz Uout 340Vdc 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 150W 0.2-0.70A SNLDAE | 220-240V 50/60Hz Uout 340Vdc tc90°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 PRE OTD | 220-240V 50/60Hz Uout 300Vdc tc90°C Double Insulated | IEC 61347-1 IEC 61347-2-13 IEC 62384 | ENEC 11 |

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Component list for Type ref.: 3290 Sella 1 HP – 3291 Sella 1 HP 36 LED (ILED 350mA)

| Type of component or material | Letter (*) | Manufacturer Trademark | Type Model | Technical data | Complies with the standard(s) | Mark(s) of conformity |
|--|------------|------------------------|---|---|--|------------------------|
| Connector | A | STUCCHI | 3701/V-2P 3702/V-2P | 2P 16A 250V IP66/67 T150°C | IEC 61984 | IMQ |
| Knife Switch | A | STUCCHI | 3649-650 | 2P 16A 250V IP66/67 T150°C | IEC 61984 | IMQ |
| External wiring | A | IRCE | H07RN-F | 2X1,5mm ² T90°C 450/750V | IEC 50525-2-21 | HAR |
| Internal wiring | A | BLF | UG4G4 | T180°C 0,5mm ² 450/750V 5 kV Double insulated | Tested acc.to IEC 60598-1 Clause 8 | Tested by IMQ |
| Connecting device (internal) | A | BM | M093 | 2P – 2.5mm ² – 250V – T=125°C | IEC 60998-1 IEC 60998-2-1 | ENEC 03 |
| LED module for general lighting | B,C | Disano illuminazione | D077-55 | 36 LED LULIMEDS LUXEON 5050 | IEC 62031+A1+A2 | AUT.IMQ (SN.S001PE) |
| Electronic controlgear for LED modules | B | PHILIPS | Xitanium 75W 0.70A 1-10V 230V C165 sXt | 220-240V _{AC} 50/60Hz 700mA V _{OUT} = 160 V _{dc} 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 LP 75W 0.2-0.70A S1 | 220-240V 50/60Hz U _{out} 190V _{dc} 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 75W 0.2-0.70A SNLDAE | 220-240V 50/60Hz U _{out} 190V _{dc} tc85°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 PRE OTD | 220-240V 50/60Hz U _{out} 180V _{dc} tc85°C Double Insulated | IEC 61347-1 IEC 61347-2-13 IEC 62384 | ENEC 11 |

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Component list for Type ref.: 3290 Sella 1 HP – 3291 Sella 1 HP 24 LED (ILED 350mA)

| Type of component or material | Letter (*) | Manufacturer Trademark | Type Model | Technical data | Complies with the standard(s) | Mark(s) of conformity |
|--|------------|------------------------|---|---|--|------------------------|
| Connector | A | STUCCHI | 3701/V-2P 3702/V-2P | 2P 16A 250V IP66/67 T150°C | IEC 61984 | IMQ |
| Knife Switch | A | STUCCHI | 3649-650 | 2P 16A 250V IP66/67 T150°C | IEC 61984 | IMQ |
| External wiring | A | IRCE | H07RN-F | 2X1,5mm ² T90°C 450/750V | IEC 50525-2-21 | HAR |
| Internal wiring | A | BLF | UG4G4 | T180°C 0,5mm ² 450/750V 5 kV Double insulated | Tested acc.to IEC 60598-1 Clause 8 | Tested by IMQ |
| Connecting device (internal) | A | BM | M093 | 2P – 2.5mm ² – 250V – T=125°C | IEC 60998-1 IEC 60998-2-1 | ENEC 03 |
| (LED module for general lighting) | B,C | Disano illuminazione | D077-56 | 24 LED LULIMEDS LUXEON 5050 | IEC 62031+A1+A2 | AUT.IMQ (SN.S001PE) |
| Electronic controlgear for LED modules | B | PHILIPS | Xitanium 75W 0.70A 1-10V 230V C165 sXt | 220-240V _{AC} 50/60Hz 700mA V _{OUT} = 160 V _{dc} 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 LP 75W 0.2-0.70A S1 | 220-240V 50/60Hz U _{out} 190V _{dc} 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 75W 0.2-0.70A SNLDAE | 220-240V 50/60Hz U _{out} 190V _{dc} tc85°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 PRE OTD | 220-240V 50/60Hz U _{out} 180V _{dc} tc85°C Double Insulated | IEC 61347-1 IEC 61347-2-13 IEC 62384 | ENEC 11 |

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

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

IMQ S.p.A.

Emesso il/Issued on: 2015-12-23

Data di aggiornamento/Updated on: 2019-03-08

(*) 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 LICENSE No. CA04.09056 / TRF No.AI18-0032050-01
(To be attached to the relevant TRF and/or license)

Component list for Type ref.: 3290 Sella 1 HP – 3291 Sella 1 HP 12 LED (ILED 350mA)

| Type of component or material | Letter (*) | Manufacturer Trademark | Type Model | Technical data | Complies with the standard(s) | Mark(s) of conformity |
|--|------------|------------------------|--|--|--|------------------------|
| Connector | A | STUCCHI | 3701/V-2P 3702/V-2P | 2P 16A 250V IP66/67 T150°C | IEC 61984 | IMQ |
| Knife Switch | A | STUCCHI | 3649-650 | 2P 16A 250V IP66/67 T150°C | IEC 61984 | IMQ |
| External wiring | A | IRCE | H07RN-F | 2X1,5mm ² T90°C 450/750V | IEC 50525-2-21 | HAR |
| Internal wiring | A | BLF | UG4G4 | T180°C 0,5mm ² 450/750V 5 kV Double insulated | Tested acc.to IEC 60598-1 Clause 8 | Tested by IMQ |
| Connecting device (internal) | A | BM | M093 | 2P – 2.5mm ² – 250V – T=125°C | IEC 60998-1 IEC 60998-2-1 | ENEC 03 |
| (LED module for general lighting | B,C | Disano illuminazione | D087_3 | 12 LED LULIMEDS LUXEON 5050 | IEC 62031+A1+A2 | AUT.IMQ (SN.S001PE) |
| Electronic controlgear for LED modules | B,D | PHILIPS | XITANIUM Xi LP 40W 0.2-0.70A S1 | 220-240V 50/60Hz Uout 60Vdc 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 40W 0.2-0.70A SNLDAE | 220-240V 50/60Hz Uout 100Vdc 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 PRE OTD | 220-240V 50/60Hz Uout 60Vdc tc85°C Double Insulated | IEC 61347-1 IEC 61347-2-13 IEC 62384 | ENEC 11 |

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COMPONENT/MATERIAL LIST ANNEXED TO LICENSE No. CA04.09056 / TRF No.AI18-0032050-01
(To be attached to the relevant TRF and/or license)

Optional components for all versions

| Type of component or material | Letter (*) | Manufacturer Trademark | Type Model | Technical data | Complies with the standard(s) | Mark(s) of conformity |
|---|-------------------|-------------------------------|-----------------------|--|--|------------------------------|
| Surge protector L-N | B | PHOENIX CONTACT | BLT-T2-320-UT 2906100 | 277V 50Hz 16A IP20 Ta80°C 10kV 10kA | IEC 61643-11 | VDE |
| Receptacle for communication and sensor units | B | TE Connectivity | 2213858-1 | 4P 1,5A 30V IP65-IP66 | IEC 61984 | CB UL Nr. US-29611-A3-UL |
| Nema Socket | B/C | TE Connectivity | 2213362-4 | 7 poles 15A 600VAC/DC Power contacts 1A 600VAC/DC Dimming contacts | Tested acc.to IEC/EN 60598-1 as applicable | Tested by IMQ |

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