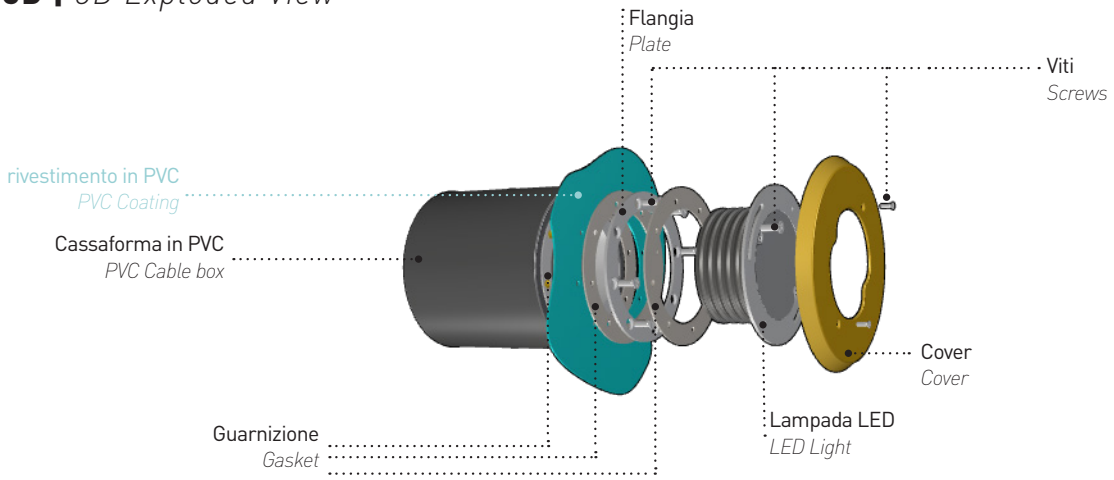
SQUID

SQUID Tunable white | *Tunable white*

Faro a Led tunable white di dimensioni ridotte, adatto per piscine residenziali con rivestimento in PVC, piastrelle o mosaico. Nicchia in PVC con pressacavo in acciaio. Corredato di flangia in inox, guarnizioni e viti. Alimentatore non incluso. Realizzato con connettore stagno IP68 integrato al faro per collegamento al cavo da personalizzare.

Compact LED tunable white headlight, suitable for residential swimming pools with PVC, tiles or mosaic coating. PVC niche with steel cable gland. Equipped with stainless steel flange, gaskets and screws. Power supply not included. Made with IP68 waterproof connector integrated into the spotlight for connection to the cable to be customized.

Esploso 3D | *3D Exploded View*



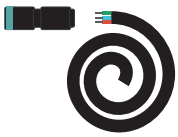
CARATTERISTICHE GENERALI | *GENERAL FEATURES*	
Tipologia di prodotto *Product type*	Faro a LED *LED headlight*
Grado di protezione *IP rating*	IP68
Temperatura di esercizio *Working Temperature*	-20° / +50°
Garanzia *Warranty*	5 anni *5 years*
Materiale *Material*	Tecnopolimero *Technopolymer*
Finitura *Finishing*	Tecnopolimero e Acciaio inox e Corian *Technopolymer and Stainless steel and Corian*
Dimensione *Dimension*	190x190 h. 211mm
Dimensione foro *Hole cut*	295x125mm
Peso *Weight*	3.3 Kg

CARATTERISTICHE ELETTRICHE | *ELECTRICAL FEATURES*	
Numero e tipologia dei LED *Number and type of LEDs*	8 SMD 3535 SHINEON
Consumo *Power consumption*	20 W
Efficienza *Efficiency*	100 lm/W
Alimentazione *Voltage*	24 Vdc
Alimentatore *Power supply*	Remoto, non incluso *Remote, not included*
Temperatura di colore *CCT: Color Temperature*	2800K - 4600K
Indice di resa cromatica *CRI: Chroma Rendering Index*	CRI80
Ottica *Optic*	120° / 60x10°
Dimmerabile *Dimmable*	Sì *Yes*

Tipologie cavo alimentazione | *Power cable type*

Bobina di cavo | *Reel of cable**

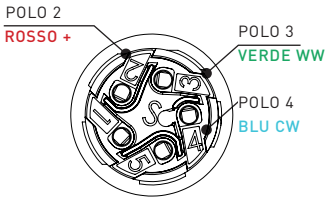
Tunable white | *Tunable white*



Codice *Code*
CA-68-5-1 5x0,50mm²

*Su richiesta è possibile personalizzare la lunghezza del cavo.
On request it is possible to customize the length of the cable.

Schema di collegamenti | *Wiring diagram*



Conduttore **Rosso +** *Conductor Red +* n. 2

Conduttore **Verde WW** *Conductor Green WW* n. 3

Conduttore **Blu CW** *Conductor Blu CW* n. 4

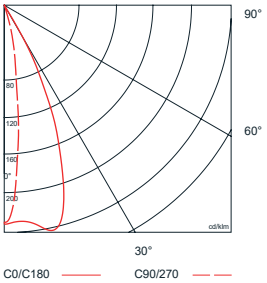
Caratteristiche illuminotecniche | *Lighting performances*

Codice *Code*	Temperatura colore *Color Temperature* (K)	Flusso luminoso *Luminous Flux* (lm)*	Tensione *Voltage*	IP	Ottica *Optic*
SQD-**TW**.24.68.AS	*Tunable white* 2800-4600K	2200	24 Vdc	68	60x10°
SQD-T**W**.24.68.FL	*Tunable white* 2800-4600K	2000	24 Vdc	68	120°

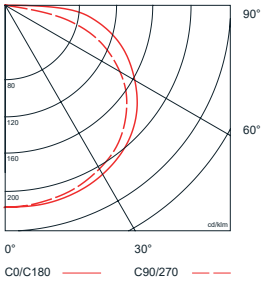
*I valori riportati sono valori tipici. Dovuti alla tolleranza del processo di produzione e ai componenti elettrici, i valori di luminosità e potenza elettrica possono variare fino al 10%. Binning: 3 MacAdam.
The give data are typical values. Due to tolerance of the production process and the electrical components, values for light output and electrical power can vary up to 5%. Binning: 3 MacAdam.

File .LDT e .IES disponibili sul sito o su richiesta.
.LDT e .IES files available on the site or on demand.

Ottiche | *Optics*



60x10°



120°

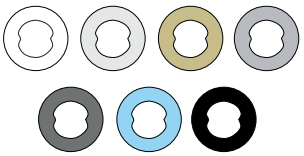
Codici e varianti prodotto | *Product codes, related versions*

Linea Luce	***Temperatura colore*** *Color Temperature*	***Tensione*** *Voltage*	***IP***	***Famiglia*** *Family*
SQD	***TW -*** *Tunable white* 2800-4600K	***24*** *-24Vdc*	***68*** *- IP68*	***AS*** *- 60x10°* ***FL*** *- 120°*

Accessori | *Accessories*

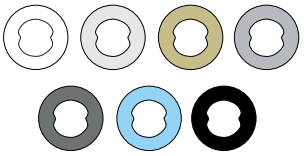
SQD-FL-W/M/S/G/A/C/B

Tipologia | *Type:* Cover in Tecnopolimero | *Technopolymer cover*
Materiale | *Material:* Tecnopolimero | *Technopolymer*
Finitura | *Finishing:* Tecnopolimero | *Technopolymer*
Descrizione | *Description:* Cover in Tecnopolimero Bianco/MarmoGrigio/Sabbia/Grigio/Antracite/Celeste/Nero
Technopolymer cover White/MarbleGrey/Sand/Grey/Anthracite/Light Blue/Black



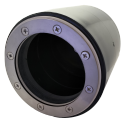
SQD-FL-WC/MC/SC/GC/AC/CC/BC

Tipologia | *Type:* Cover in Corian | *Corian cover*
Materiale | *Material:* Corian | *Corian*
Finitura | *Finishing:* Corian | *Corian*
Descrizione | *Description:* Cover in Corian Bianco/MarmoGrigio/Sabbia/Grigio/Antracite/Celeste/Nero
Corian cover White/MarbleGrey/Sand/Grey/Anthracite/Light Blue/Black



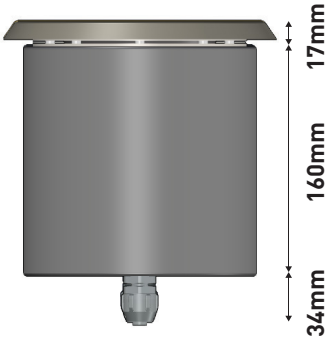
SQD-NC

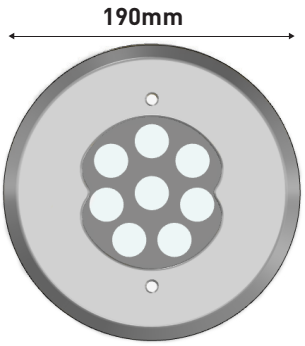
Tipologia | *Type:* Nicchia in PVC | *PVC outercase*
Materiale | *Material:* PVC | *PVC*
Finitura | *Finishing:* PVC | *PVC*
Descrizione | *Description:* Nicchia in PVC | *PVC outercase*



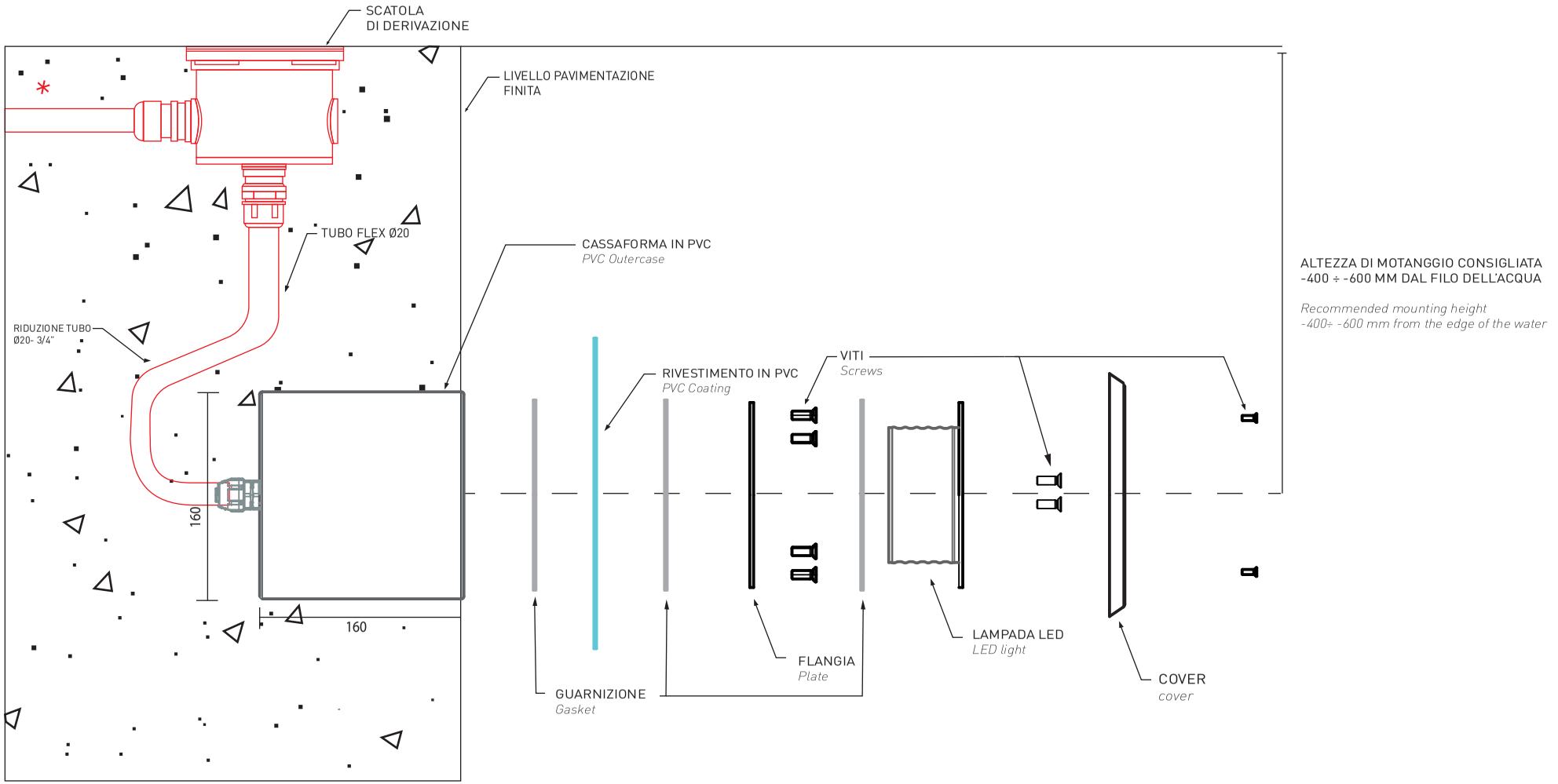
Caratteristiche prodotto | *Technical specifications*

DISEGNO TECNICO | *TECHNICAL DRAWING*





SCHEMA DI INSTALLAZIONE SQUID PER RIVESTIMENTO IN PVC | *SQUID installation scheme for PVC coating*



*MATERIALE NON OGGETTO DI FORNITURA/ *material not supplied*

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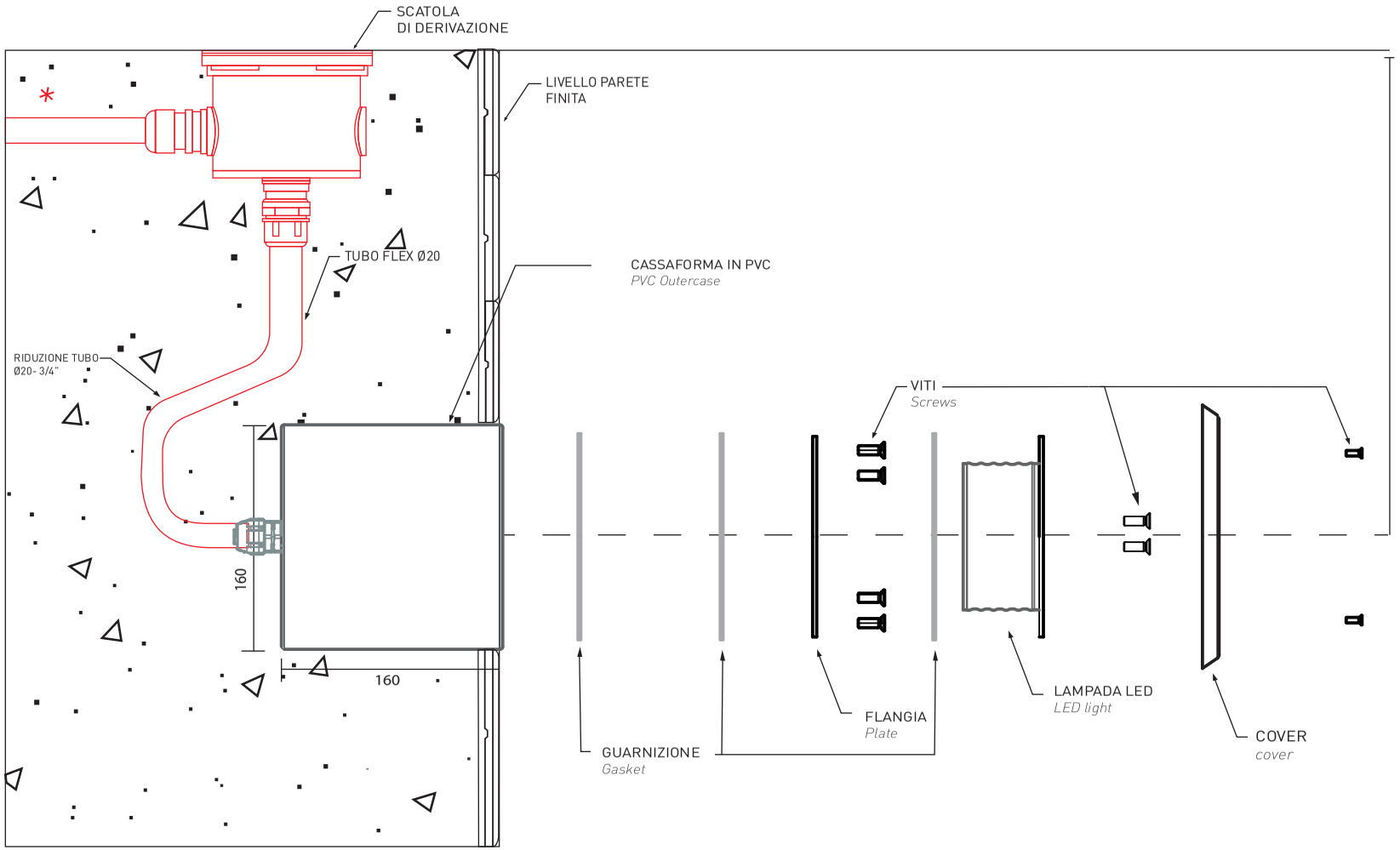
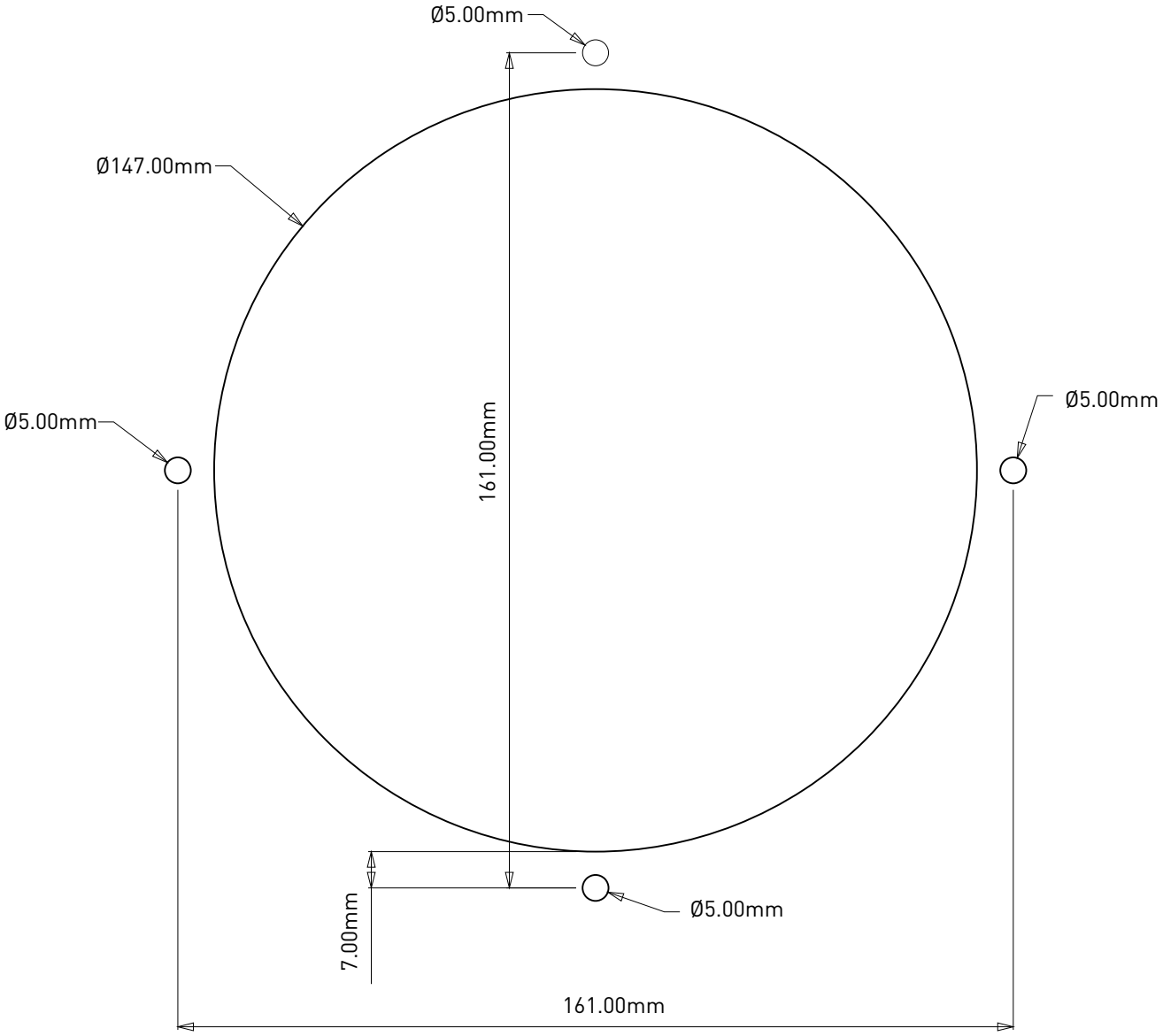
SCHEMA DI INSTALLAZIONE DOLPHIN PER CEMENTO CON PIASTRELLA | *DOLPHIN installation scheme for concrete with tile*



*MATERIALE NON OGGETTO DI FORNITURA/ *material not supplied*

LED ITALY®
ITALIAN QUALITY PRODUCTS

Forometria SQUID Panel | *Forometry SQUID Panel*



Certificazioni | *Certification*

100% MADE IN ITALY

SQUID è completamente prodotta in Italia. LED ITALY ha sede a Carmagnola (TO) e tramite macchinari e procedure interni si occupa di montaggio di circuiti stampati, saldatura LED e resinatura. Il prodotto rientra nella normativa EUR1.
LED ITALY è certificata ISO 9001-2015 (n° di certificato IT305456 - 1).
LED ITALY è certificata 100% Made in Italy (n° di certificato IT01.IT/1917.098.V).

SQUID is entirely manufactured in Italy, factory is located in Carmagnola (TO) Italy. Both PCB manufacture, LEDS soldering, resin processing are made with automated lines under our internal specifications. The product is compliant to EUR1 rules.
LED ITALY is applicant to ISO 9001-2015 (certificate n° IT305456 - 1).
LED ITALY is applicant to 100% Made in Italy (certificate n° IT01.IT/1917.098.V).

GARANZIA | *WARRANTY*

SQUID è garantita per 5 anni dalla data di produzione. La garanzia copre ogni difetto di fabbricazione. La garanzia è valida solo quando il prodotto è stato utilizzato secondo le sue specifiche e senza alcun tipo di furto, rottura, alterazione, modifica e utilizzo in base a istruzioni tecniche errate o installazione in parti meccaniche inadeguate. LED ITALY ha il diritto di verificare tecnicamente il prodotto per convalidare la garanzia.

SQUID is guaranteed for 5 years from the purchasing data. The guarantee covers against all the manufacturing defects. The guarantee is valid only when the product is used under its specifications and without any pilfering, breaking, alterations, modifications and uses according to wrong technical directions or set up in inadequate mechanical parts. LED ITALY has the right to verify technically the product to validate the guarantee.

NORMATIVE DI RIFERIMENTO | *EUROPEAN COMMUNITY DIRECTIVES*

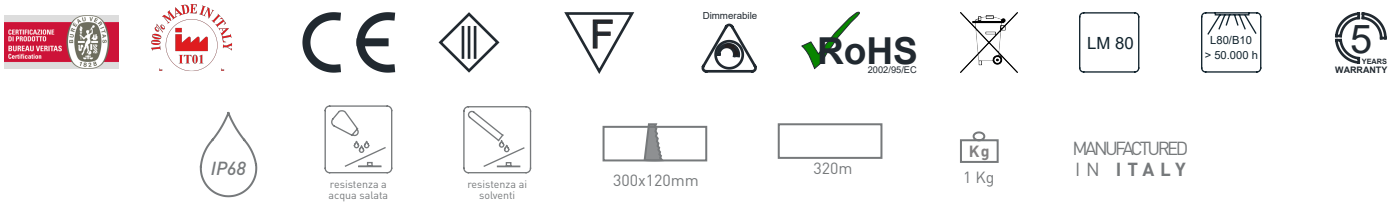
I prodotti LED ITALY sono conformi alle seguenti norme internazionali:
- Moduli LED per illuminazione generale - Specifiche di sicurezza: IEC EN 62031:2008+A1:2013+A2:2015;
- Direttiva bassa tensione: 2006/95 / CEE EMC- EN5008-1-1.2004 / 108 / CE, EC 61140, EN 62471, ERP 98 / 1EC, 92 / 75EEC EN55022, EN5008 -2 Direttiva EMC: 93/68 / CEE 89/336 CEE.
- Allegato 2006/95 / CE / 2004/108 / CE: EN 60598-1, EN 60598-2-1 EN 61347-2-12, EN61347-2-13, EN62031, EN632384, EN 55015, EN 61000-3-2 , EN 61000-3-3 EN 61547.

LED ITALY products comply with the following International standards:
- LED modules for general lighting - Safety specifications: IEC EN 62031:2008+A1:2013+A2:2015;
- Low voltage directive: 2006/95 / CEE EMC- EN5008-1-1.2004 / 108 / CE, EC 61140, EN 62471, ERP 98 / 1EC, 92 / 75EEC EN55022, EN5008 -2 Directive EMC: 93/68 / CEE 89/336 CEE.
- Annex 2006/95 / CE / 2004/108 / CE: EN 60598-1, EN 60598-2-1 EN 61347-2-12, EN61347-2-13, EN62031, EN632384, EN 55015, EN 61000-3-2 , EN 61000-3-3 EN 61547.

CLASSE DI EFFICIENZA ENERGETICA | *ENERGY EFFICENCY CLASS*

Il prodotto appartiene alla classe energetica E in riferimento al Regolamento (UE) 2019/2015.
SQUID è un prodotto a risparmio energetico e può essere utilizzato per installazioni specifiche.

The product belongs to E class refer to Energy Efficiency Class, referred to Regulation (EU) 2019/2015.
SQUID it is an energy-saving product and can be used for specific installations.



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Led Italy s.r.l.
Tutti i diritti riservati.

Le caratteristiche e i dati tecnici riportati sono forniti a titolo indicativo.
Led Italy si riserva il diritto di apportare variazioni senza previa notifica.
Per ulteriori informazioni visita il sito www.leditaly.com.