



# BRIGHT 1.6 316L

Data sheet - *Scheda tecnica*



L u c e & L i g h t  
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A series of recessed LED equipment made entirely of AISI316L stainless steel, suitable for installation inside tanks, fountains or swimming pools, both brick and clad-

ded. Available in various sizes, powers and optics, they are suitable for any type of underwater application, thanks to the choice of the materials used which enable installation in salt water.

#### **MATERIALS:**

Stainless steel AISI 316L ferrule.

Stainless steel AISI 316L body.

High thickness tempered glass screen.

#### **FINISHES:**

Polished stainless steel AISI 316L .

#### **INSTALLATION:**

Installed with compulsory outer casing WC5003.

#### **EMISSIONS:**

Large, medium, narrow, diffused lights are available.

Serie di apparecchi da incasso a LED realizzati completamente in acciaio Inox AISI316L, adatti per installazione all'interno di vasche, fontane o piscine, sia in muratura che con rivestimento in guaina.

Disponibili in differenti dimensioni, potenze e fasci luminosi, sono pensati per qualsiasi tipo di applicazione in immersione, grazie anche alla scelta dei materiali impiegati che ne consentono l'installazione in acqua salina.

#### **MATERIALI:**

Corpo in acciaio Inox AISI 316L.

Ghiera in acciaio Inox AISI 316L.

Schermo in vetro extrachiaro temprato con trattamento antigraffio di elevato spessore.

#### **FINITURA:**

Acciaio inox AISI 316L lucidato.

#### **INSTALLAZIONE:**

Il prodotto viene obbligatoriamente installato con la cassaforma WC5003.

#### **EMISSIONE:**

Il prodotto dispone di 3 tipi di ottica : larga, media, stretta.



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**RECESSED 316L  
INCASSI 316L**

17/12/2015 16.36

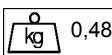


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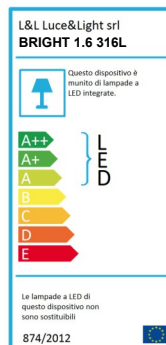
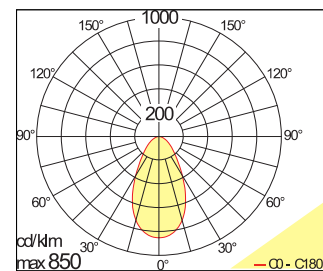
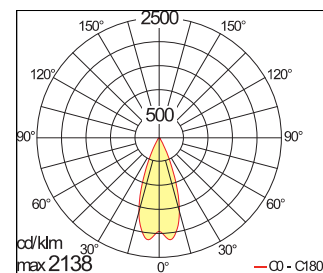
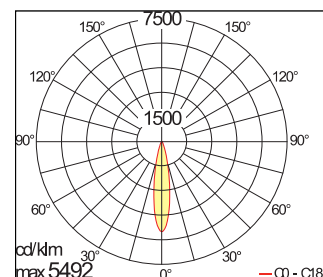
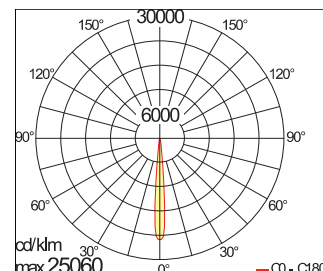
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## TECHNICAL DATA

|                                               |                                                         |                                                                                                                          |
|-----------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| ELECTRICAL FEATURES<br>CARATT. ELETTRICHE     | POWER CONSUMPTION<br>POTENZA ASSORBITA                  | 2W                                                                                                                       |
|                                               | SUPPLY VOLTAGE<br>ALIMENTAZIONE                         | 24 Vdc                                                                                                                   |
|                                               | POWER SUPPLY UNIT<br>ALIMENTATORE                       | Not included<br>Non incluso                                                                                              |
|                                               | CONTROLLER<br>DIMMERAZIONE                              | Dimming available with dimmer<br>Disponibile mediante utilizzo di dimmer                                                 |
|                                               | CONNECTION<br>COLLEGAMENTO                              | parallel connections<br>collegare in parallelo                                                                           |
| LIGHTING FEATURES<br>CARATT. ILLUMINOTECNICHE | N° AND TYPE OF LED USED<br>N° E TIPO DI LED USATI       | 1 power LED XP-E2<br>1 power LED XP-E2                                                                                   |
|                                               | AVERAGE LED LIFE<br>DURATA MEDIA LED                    | 75% after 50.000 h<br>75% dopo 50.000 ore                                                                                |
|                                               | LED COLOURS AVAILABLE<br>COLORI LED DISPONIBILI         | White: 5000K; 4000K; 3000K; 2700K; Blu<br>Bianco: 5000K; 4000K; 3000K; 2700K; Blu                                        |
|                                               | CRI<br>INDICE RESA CROMATICA CRI                        | 75÷85                                                                                                                    |
|                                               | LIGHT BEAM AVAILABLE<br>ANGOLO DI EMISSIONE (OTTICA)    | S (10°); M (20°); L (40°); D (diffused)<br>S (10°); M (20°); L (40°); D (diffuso)                                        |
|                                               | TOTAL LUMINOUS FLUX<br>FLUSSO TOTALE APPARECCHIO        | 88 lm (@3000K)                                                                                                           |
|                                               |                                                         |                                                                                                                          |
| MECHANICAL FEATURES<br>CARATT. MECCANICHE     | DIMENSIONS<br>DIMENSIONI                                | Ø35x52 mm                                                                                                                |
|                                               | WEIGHT<br>PESO                                          | 0,48 kg (Packaging included / imballo compreso)                                                                          |
|                                               | FIXING<br>FISSAGGIO                                     | With compulsory outer casing WC5003<br>con cassaforma obbligatoria WC5003                                                |
|                                               | OUTER CASING DIMENSIONS<br>DIMENSIONI CASSAFORMA        | Ø73x190 mm (WC5003)                                                                                                      |
|                                               | FERRULE MATERIAL<br>MATERIALE GHIERA                    | Stainless steel AISI316L<br>Acciaio inox AISI 316L                                                                       |
|                                               | BODY MATERIAL<br>MATERIALE CORPO                        | Stainless steel AISI316L<br>Acciaio inox AISI 316L                                                                       |
|                                               | SCREEN MATERIAL<br>MATERIALE SCHERMO                    | High thickness tempered glass<br>Vetro temprato ad elevato spessore                                                      |
|                                               | ACCESSORIES<br>ACCESSORI DISPONIBILI                    | —                                                                                                                        |
|                                               | RECESSED HOLE<br>FORO D'INCASSO                         | 30 mm                                                                                                                    |
|                                               | OVERALL VOLUME<br>VOLUME TECNICO PER DISSIPAZIONE       | --                                                                                                                       |
|                                               |                                                         |                                                                                                                          |
| GENERAL FEATURES<br>CARATT. GENERALI          | OPERATING TEMPERATURE<br>TEMPERATURA DI ESERCIZIO       | -10° ÷ +45°                                                                                                              |
|                                               | IP RATE<br>GRADO IP                                     | IP68                                                                                                                     |
|                                               | IK RATE<br>GRADO IK                                     | IK10                                                                                                                     |
|                                               | ENERGY EFFICIENCY CLASS<br>CLASSE DI CONSUMO ENERGETICO | A/A+/A++ (built-in LED lamps) in accordance with UE874/2012<br>A/A+/A++ (modulo LED integrato) in accordo con UE874/2012 |
|                                               | GLOW WIRE TEST<br>GLOW WIRE TEST                        | 960°                                                                                                                     |
|                                               | SCREEN TEMPERATURE<br>TEMPERATURA SCHERMO               | Max 40°C (Ta 25°C)                                                                                                       |
|                                               | INSULATION CLASS<br>CLASSE ISOLAMENTO                   | Class III<br>Classe III                                                                                                  |
|                                               | WALK OVER<br>CALPESTABILE                               | Yes<br>Sì                                                                                                                |
|                                               | DRIVE OVER<br>CARRABILE                                 | No<br>No                                                                                                                 |
|                                               | WIRING AND CABLE<br>LUNGHEZZA CAVO E TIPO               | 5m H05RN-F 2x0.35/0.75 Ø6.3 type;<br>5m tipo H05RN-F 2x0.35/0.75 Ø6.3;                                                   |
|                                               | PROTECTIONS<br>PROTEZIONI                               | IPS inside<br>Presenza IPS                                                                                               |
|                                               | PHOTOBIOLOGICAL SAFETY<br>SICUREZZA FOTOBIOLOGICA       | Risk group 1 in accordance with EN62471:2006<br>Gruppo rischio 1 secondo EN62471:2006                                    |

## PHOTOMETRIC DATA DATI FOTOMETRICI



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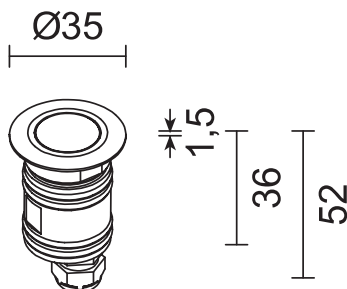
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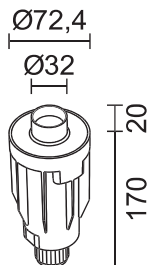
**DIMENSIONS:**  
*DIMENSIONI:*



**ACCESSORIES:**  
*ACCESSORI:*



**WC5003**  
Compulsory outer casing  
*Cassaforma obbligatoria*



Neoprene cable  
*Cavo in neoprene*  
H05 RN-F 2x0.35/2x0.75 - Ø6.3  
**WF5410** 10m  
**WF5415** 15m  
**WF5420** 20m

**FINISHES:**  
*FINITURE:*

