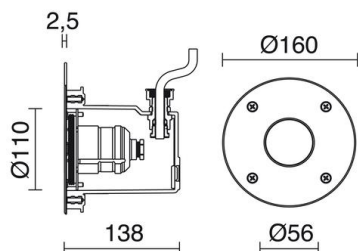


# PAL 661A-L0304D-30 Underwater recessed PAL IP68 LED SMD 4W 315lm CRI80 5700K 45° Stainless steel



Family submersible recessed Pal is made of brass and is available in two finishes: white and stainless steel, have IP68 and are suitable for installation in both prefabricated pools and concreted. Available in warm white and RGB color, you can also choose from two perspectives: Narrow and Medium.

## GENERAL DATA

|                   |                      |
|-------------------|----------------------|
| Category          | Underwater Lights    |
| Family            | Pal                  |
| Finish            | [30] Stainless steel |
| Location          | Outdoor              |
| Installation      | Wall                 |
| Body material     | Brass                |
| Diffuser material | Transparent glass    |
| Frame material    | Inox aisi 316L       |
| ETIM class        | EC0028g2             |
| EAN               | 8435256541311        |

## LIGHT SOURCES AND BEAMS

|                   |                                   |
|-------------------|-----------------------------------|
| Sources           | LED SMD 4W max. 315lm 5700K CRI80 |
| Energy efficiency | G                                 |
| Beam              | 45° - Direct symmetric            |

## TECHNICAL DATA

|                       |   |
|-----------------------|---|
| Dimensions            | Height x Width x Length (mm): 160 x 160 x 138 |
| IP                    | IP68  |
| Protection class      | Class III                                     |
| Frequency             | 50/60 Hz                                      |
| Input voltage         | 12V AC V                                      |
| Auxiliary gear        | Without equipment, needed                     |
| Lifetime              | 50,000 h                                      |
| LED lifetime L        | 80  |
| LED lifetime B        | 20  |
| Weight                | 1.96 Kg                                       |
| Cable outlets         | 1   |
| Lead wire length      | 2,500.0 mm                                    |
| Cut hole box included | Yes   |
| Cut hole dimensions   | Diameter (mm): 110                            |
| ECORAE category I     | LED-B   |
| Periodic maintenance  | Yes   |
| Flammable surfaces    | Yes   |

## NOTES

Suitable for installation in concrete pools  
 Available in 2 different beams angles (narrow 22°, medium 34°)  
 Available in warm white and DMX  
 Suitable for installations outside water

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**RECOMMENDED ACCESSORIES**



**B02I-X33F9D-02**  
Power supplies ALIMENTADORES  
Black

|                  |          |
|------------------|----------|
| Input voltage    | 230V AC  |
| Frequency        | 50/60    |
| Wattage (W)      | 350.0    |
| IP               | IP65     |
| Protection class | Class II |



**B02I-X33G1D-02**  
Power supplies ALIMENTADORES  
Black

|                  |          |
|------------------|----------|
| Input voltage    | 230V AC  |
| Frequency        | 50/60    |
| Wattage (W)      | 700.0    |
| IP               | IP65     |
| Protection class | Class II |

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**PRODUCTS OF THE SAME FAMILY**

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Pal R RGB



Pal R W



Pal slim R W