

Waterproof Recessed LED Downlight IP65 Ceiling Light 7W / 9W / 12W / 15W Dimmable Bathroom & Shower Spotlight

Waterproof architectural downlight for bathrooms, saunas and sheltered exterior applications

A durable recessed LED downlight built with a die-cast aluminum heat sink, sealed cable connection and frosted diffuser for smooth, glare-reduced illumination. Available in 7W, 9W, 12W and 15W versions, it integrates cleanly into ceilings while providing dependable lighting in moisture-prone residential and commercial environments.

IP65 WATERPROOF

RECESSED MOUNT

TRIAC / ELV DIMMABLE



Die-cast aluminum housing • Frosted diffuser • Waterproof cable gland • Spring-clip ceiling installation

KEY PRODUCT DATA

POWER RANGE

7W-15W

7W / 9W / 12W / 15W

INPUT

AC 110V

External LED driver included

PROTECTION

IP65

Splash and moisture resistant

DIMMING

TRIAC / ELV

Select compatible dimmer and driver

CONSTRUCTION

ALUMINUM

Die-cast housing and heat sink

OPTIC

FROSTED

Wide, smooth flood distribution

AVAILABLE CONFIGURATIONS

POWER **7W / 9W / 12W / 15W**

CUT-OUT **2.95-3.35 in / 3.62-3.93 in**

DIAMETER **3.74 in / 4.41 in**

APPLICATIONS **Bathroom / Sauna / Eaves / Kitchen**

PERFORMANCE AND CONSTRUCTION

Technical Specification

GENERAL / ELECTRICAL / CONSTRUCTION

Product type	Waterproof recessed LED downlight
Power options	7W / 9W / 12W / 15W
Input voltage	AC 110V through supplied external LED driver
Dimming	TRIAC or ELV; verify selected driver, dimmer compatibility and minimum load
Waterproof rating	IP65 - splash and moisture resistant
Beam distribution	Wide flood beam with frosted diffuser
Light source	Integrated high-efficiency LED chip
Housing	Die-cast aluminum with integrated heat-dissipation fins
Sealing	Waterproof cable gland, rubber sealing ring and secure connector
Cover	Matte frosted diffuser for smooth, glare-reduced output
Installation	Recessed ceiling mount using spring safety clips
Driver	External LED driver included
Weight	Approximately 211.5 g including downlight and driver
Applications	Bathroom, sauna, outdoor eaves, kitchen and general ceiling lighting

COMPACT FAMILY

7W / 9W

Dia. 3.74 in x 1.85 in H
Cut-out: 2.95-3.35 in

LARGE FAMILY

12W / 15W

Dia. 4.41 in x 1.97 in H
Cut-out: 3.62-3.93 in

SIZE:



Two size families support 7W-15W configurations and the listed ceiling cut-out ranges.

High Quality

Full precision-thickening aluminum. Refused plastic and weak aluminum !!!



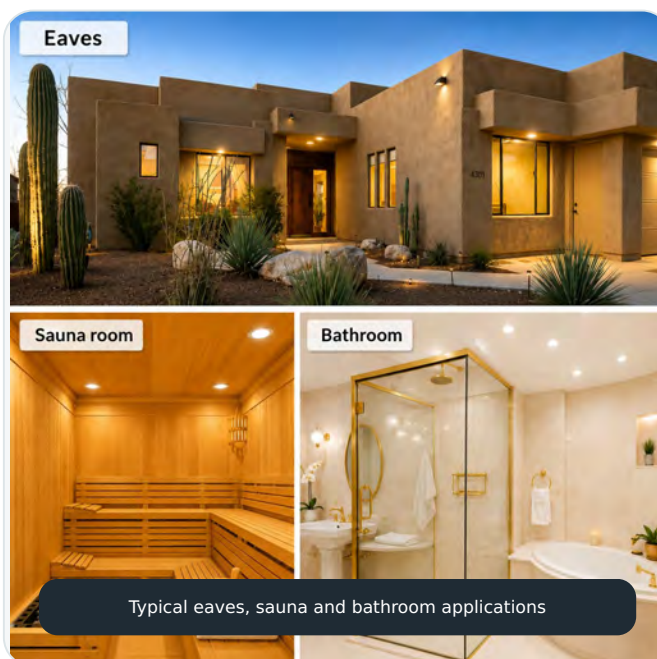
Back Size

- 1. Die-Cast shell
- 2. Waterproof connector
- 3. Frosted Cover



MOISTURE-RESISTANT ARCHITECTURAL ILLUMINATION

Performance and Installation



RECOMMENDED INSTALLATION SEQUENCE

1

Isolate the circuit and confirm the correct ceiling cut-out for the selected wattage family.

2

Connect the supplied driver and waterproof connector in accordance with local electrical requirements.

3

Compress the spring clips, insert the fixture into the opening and ensure the sealing ring sits evenly.

4

Restore power, test dimming and verify stable illumination before completing the ceiling finish.



DESIGN GUIDANCE

- **Wet-area planning:** coordinate fixture location, ceiling construction and local electrical requirements before installation.
- **Dimming:** confirm TRIAC or ELV driver compatibility and low-end performance before commissioning.
- **Cut-out:** use 2.95-3.35 in for 7W/9W or 3.62-3.93 in for 12W/15W.
- **Thermal management:** keep the aluminum heat sink and external driver clear of insulation unless approved otherwise.
- **Applications:** bathrooms, saunas, sheltered eaves, kitchens and moisture-prone ceiling areas.
- **Service access:** retain access to the external driver and cable connection for maintenance.

TENDER AND SPECIFICATION SUPPORT

Specification and Selection

The following clause and selection guidance are provided as a project-writing aid. Replace preliminary values with verified manufacturer data before final issue.

SUGGESTED SPECIFICATION CLAUSE

Provide an IP65 recessed LED ceiling downlight comprising a die-cast aluminum housing and heat sink, integrated LED light source, frosted diffuser, waterproof rubber sealing ring, waterproof cable gland, external LED driver and spring safety clips. Luminaire shall be supplied in the scheduled 7W, 9W, 12W or 15W rating and the scheduled size family. Driver shall accept AC 110V input and support TRIAC or ELV dimming where specified. Install in the scheduled bathroom, sauna, sheltered exterior eave, kitchen or ceiling location in accordance with manufacturer instructions and local electrical regulations.



PROJECT SELECTION GUIDE

POWER	7W / 9W / 12W / 15W
DIAMETER	7W-9W: 3.74 in 12W-15W: 4.41 in
HEIGHT	7W-9W: 1.85 in 12W-15W: 1.97 in
CUT-OUT	7W-9W: 2.95-3.35 in 12W-15W: 3.62-3.93 in
INPUT	AC 110V; external LED driver included
DIMMING	TRIAC / ELV; verify driver, dimmer and minimum load
RATING	IP65 splash and moisture resistant
APPLICATION	Bathroom / Sauna / Sheltered eaves / Kitchen / Ceiling lighting