

# URA-40581

## Rado 5



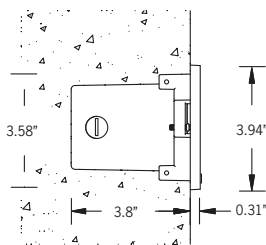
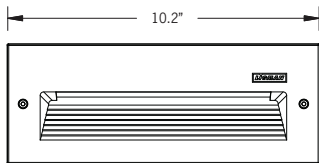
### Physical Data

Length • 10.2"

Height • 3.6"

Weight • 3 lbs

IP65 • Suitable For Wet Locations  
IK04 • Impact Resistant (Vandal Resistant)



A range of rectangular and square wall recessed luminaires, with an indirect optical system, offering high vandal resistance. Suitable for indoor or outdoor applications. The recessed LED eliminates all discomfort glare as light is directed to the ground providing illumination where it is needed and minimizing light spill.

This luminaire is provided with a powdercoated high pressure die-cast aluminum back box and can be pre shipped to the jobsite for concrete pour or masonry applications. This fixture is suitable for lighting footpaths, stairs, squares and entrances.

The Rado range has a matching bollard offering to complement the recessed product. See bollard section on the Ligman website.

All Ligman fixtures can be manufactured using a special pre-treatment and coating process that ensures the fixture can be installed in natatoriums as well as environments with high concentrations of chlorine or salt and still maintain the 5 year warranty. For this natatorium rated process please specify NAT in options.

#### Aluminum Casting

**Less than 0.1% copper content – Marine Grade LM6 Aluminum** High Pressure die casting provides excellent mechanical strength, clean detailed product lines and excellent heat dissipation.

#### Pre paint

**8 step degrease and phosphate process** that includes deoxidizing and etching as well as a zinc and nickel phosphate process before product painting.

#### Memory Retentive -Silicon Gasket.

Provided with special injection molded "fit for purpose" long life high temperature **memory retentive silicon gaskets**. Maintains the gaskets exact profile and seal over years of use and compression.

#### Thermal management.

LM6 Aluminum is used for its **excellent mechanical strength and thermal dissipation properties** in low and high ambient temperatures. The superior thermal heat sink design by Ligman used in conjunction with the driver, controls thermal below critical temperature range to ensure maximum luminous flux output, as well as providing long LED service life and ensuring less than 10% lumen depreciation at 50,000 hours.

#### Surge Suppression

**Standard 10kv surge suppressor** provided with all fixtures.

#### BUG Rating

B0 - U1 - G0

#### Finishing.

All Ligman products go through an extensive finishing process that includes fettling to improve paint adherence.

#### Paint.

**UV Stabilized 4.9Mil thick powder coat paint** and baked at 200 Deg C. This process ensures that Ligman products can withstand harsh environments. Rated for use in natatoriums.

#### Hardware.

Provided Hardware is **Marine grade 316 Stainless steel**.

#### Anti Seize Screw Holes

Tapped holes are infused with a **special anti seize compound** designed to prevent seizure of threaded connections, due to electrolysis from heat, corrosive atmospheres and moisture.

#### Crystal Clear Low Iron Glass Lens.

Provided with tempered, impact resistant **crystal clear low iron glass** ensuring no green glass tinge.

#### Optics & LED

Precise optic design provides **exceptional light control and precise distribution of light**. LED CRI > 80

#### Lumen - Maintenance Life

**L80 /B10 at 50,000 hours** (This means that at least 90% of the LED still achieve 80% of their original flux)

#### Standard Options

##### Lamp

11w LED

319 lumens

##### LED Color

W27 • 2700K

W30 • 3000K

W40 • 4000K

##### Finish Color

01 - Black - RAL 9011

02 - Dark Grey - RAL 7043

03 - White - RAL 9003

04 - Metallic Silver - RAL 9006

05 - Matte Silver - RAL 9006

06 - Bronze - RAL 6014

07 - Custom RAL

#### Options (Consult Factory for Pricing)

AMB - Amber LED (Turtle Friendly)

NAT - Natatorium & High Salt Environments

DIM - 0-10v Dimming

Ordering Example : URA - 40581 - 11w - W30 - 02 - 120/277v

URA

40581

#### Lamp

11w LED

#### LED Color

W27 | 2700K  
W30 | 3000K  
W40 | 4000K

#### Color

01 Black  
02 Dark Grey  
03 White  
04 Metallic Silver  
05 Matte Silver  
06 Bronze  
07 Custom RAL

#### Voltage

120/277v  
Other (Specify)

#### Options

AMB Amber LED  
NAT Natatorium Rated  
DIM 0-10v Dimming

PROJECT:  DATE:  QUANTITY:

TYPE:  NOTE:

Ligman Lighting USA reserves the right to change specifications without prior notice, please contact factory for latest information. Due to the continual improvements in LED technology data and components may change without notice.

Head Office:

7144 NW Progress Ct  
Hillsboro, Oregon 97124

Tel: 503-645-0500

Fax: 503-645-8100

www.ligmanlightingusa.com



Intertek

