

RODERA

LED LINEAR LIGHT PROFILE SPECIFICATIONS



Job Information

Project Name	
Type	
Location	
Quantity	
Date	

DESCRIPTION

RODERA versatile aluminum profile is designed for wall-mounted lighting applications and can be customized to fit a variety of project needs. Available in multiple lengths, it comes in two distinct profile shapes round and oval allowing for flexible design integration. The profile is offered in three finish options: black, white, and silver or any custom color.

Users can choose between two switch options: an external motion sensor or a built-in motion sensor, providing smart, adaptive lighting. The fixture operates via a remote driver, ensuring reliable and efficient performance. Additionally, light color temperature is fully customizable, with options for 2700K, 3000K, 3500K or 4000K, allowing the creation of warm to neutral lighting effects. Ideal for commercial and residential spaces, this profile combines modern design, flexibility, and functional customization for a truly tailored lighting solution.

OVERVIEW

- Customizable Lengths: Adaptable to project-specific dimensions
- Installation: Wall-mounted
- Switch Options: External motion sensor or built-in motion sensor
- Driver Type: Operates via remote driver
- projects Suitable for interior areas
- 5 years warranty
- IP20

PERFORMANCE

MODEL NAME	RODERA
INPUT VOLTAGE	Remote Driver; 100-277VAC
CONSTANT VOLTAGE	24V
CONSUMPTION	Up to 2.5W/ft on COB/ Up to 9W/ft on SMD
MOUNTING OPTIONS	Wall Mount
DIMMING	TRIAC/0-10V/DALI
CCT	2700/3000/3500/4000K
CRI	+90
LUMEN OUTPUT	270lm/ft on COB/ 1550lm/ft on SMD
LUMEN/WATT	110lm/W on COB/ 170lm/W on SMD
LIGHT SOURCE TYPE	COB/SMD LED Strip
LIGHT SOURCE WIDTH	8-10mm
LENS OPTIONS	White Opal Lens/Smoked Black Lens
MATERIAL	Aluminum
FINISH	Anodized Painting
COLOR	Black/ White/Silver/Custom Color
IP RATING	IP20
APPLICATIONS	Interior, Residential, Commercial
CERTIFICATIONS	cETL Listed
WARRANTY	5 Years
LIFE TIME OF LED @TA=25°C	50000 HRS LM80 ANSI/IES



SPECIFICATIONS

■ OPTICS

High-efficiency COB or SMD LED strips (10mm max width) are paired with white opal and smoked black to ensure smooth, uniform light distribution with minimal glare.

■ ELECTRICAL

Voltage: Remote Driver; 100-277VAC

■ ENVIRONMENT & CERTIFICATIONS

cETL listed for dry locations

■ WARRANTY

5 years limited warranty

■ MOUNTING

designed for easy wall mounting, providing a clean and seamless installation. For longer runs, optional hanging support brackets can be ordered as accessories to ensure additional stability and secure installation.

■ FINISH

Constructed from high-quality aluminum with an anodized painted finish for enhanced durability and corrosion resistance.

■ HOUSING MATERIAL

Manufactured from high-quality aluminum to provide strong structural integrity, effective heat dissipation, and long-term durability, and complemented by a durable PC cover available in Opal, Transparent, or Diffuser options for reliable protection and refined light output.

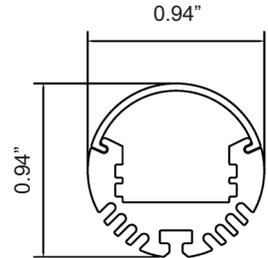
■ LED SYSTEM

CRI With a choice of 90 color rendering index (CRI), this product delivers outstanding illumination, featuring tight chromatically specifications and a precise color binning process to ensure consistency in CRI and CCT.

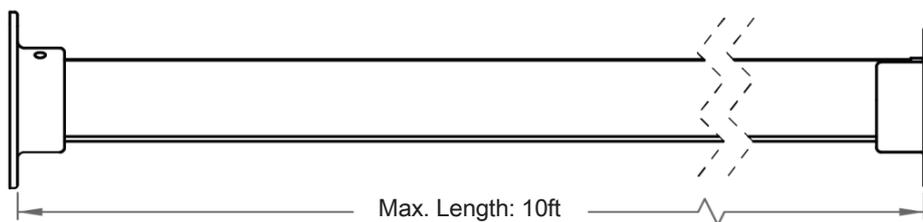
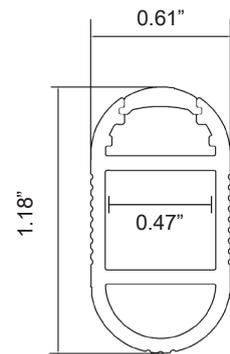
CCT Available in 2700K, 3000K, 3500K, 4000K with excellent color consistency.

PRODUCT MODELS & DIMENSIONS

RODERA Round



RODERA Oval



RODERA

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FINISHING COLOR



Black



White



Silver

Note: Can be ordered in custom color

LENS OPTIONS



White Opal Lens



Smoked Black Lens

INSTALLATION DETAILS



PRODUCT ORDERING GUIDE

EXAMPLE: RODERA-R-78"-X2-2.5-3000-V-E1-R-SL-WO-HB

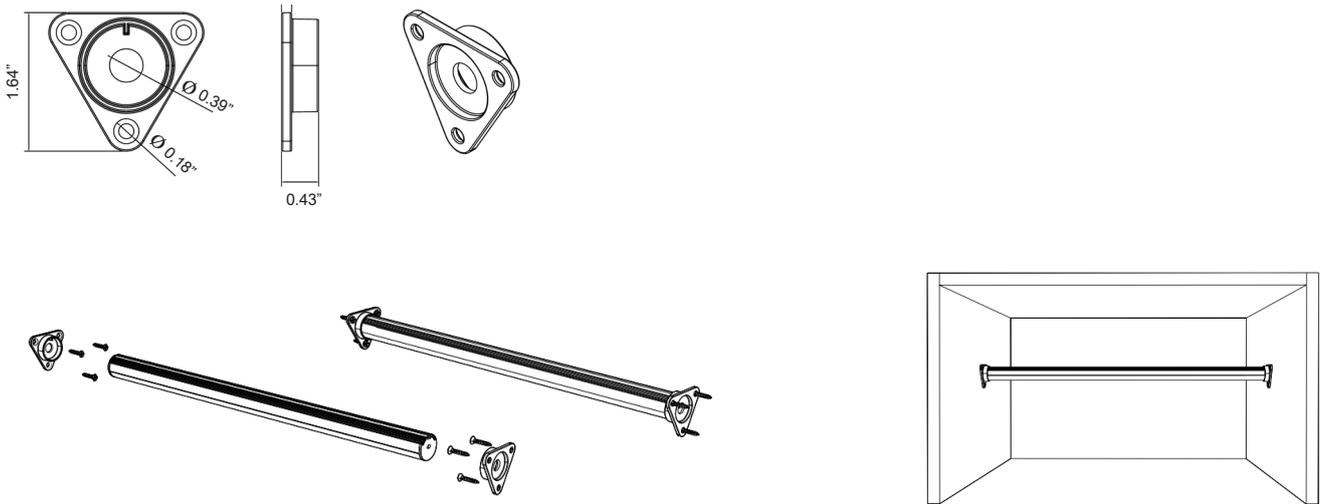
RODERA	-R	-78"	-X2	-2.5	-3000	-V	-E1	-R	-SL	-WO	-HB
Series	Shape	Length	Quantity	Power	CCT	Dimming	Sensor Type	Sensor Installation	Reflector Finish	Lens Option	Accessory

SERIES	SHAPE	LENGTH (Inch)	QUANTITY	POWER	CCT	DIMMING	SENSOR TYPE	EXTERNAL SENSOR INSTALLATION	ROD FINISH	LENS OPTION	ACCESSORY*
RODERA	R: Round O: Oval	Specify required length. Max. Length: 10ft	X Number of pieces (Exapmle: X2: For 2 Pieces)	1.5: 1.5W/ft COB - 180lm/ft 2.5: 2.5W/ft COB - 270lm/ft 3: 3W/ft SMD - 300lm/ft 8: 8W/ft SMD - 1400lm/ft 10: 10W/ft SMD - 1545lm/ft	2700 3000 3500 4000	T: TRIAC V: 0-10V N: None	B: Built-in Motion Sensor E1: Single Door Sensor E2: Double Door Sensor	R: Recessed in S: Surface Mounted	WH: White SL: Silver BK: Black CC: Custom Color	WO: White Opal Lens SB: Smoked Black Lens	HB: Hanging Support Bracket (Optional)

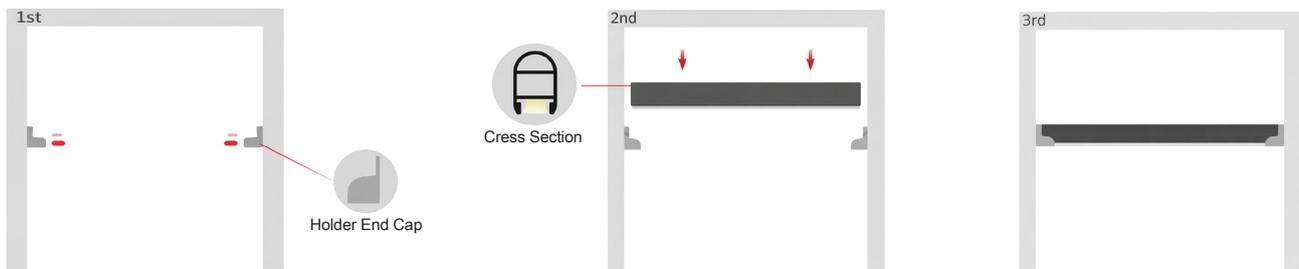
* Note: Hanging Support Bracket required every 48".

INSTALLATION

Round



Oval



SENSOR OPTIONS

External Motion Sensor

Installation A: Recessed in

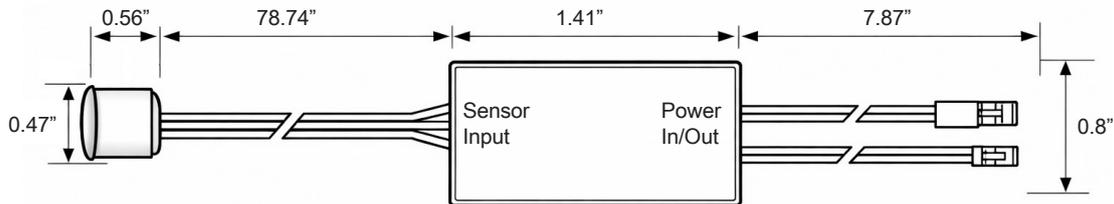
Installation B: Surface Mounted



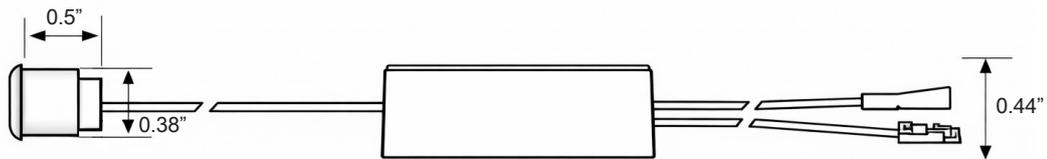
WORKING VOLTAGE	12-24VDC
MAX POWER	12V<60W 24V<100W
WIRE LENGTH	78.74" Sensor Wire 7.87" Power Wire 7.87" Connector to Light

Sensor Size

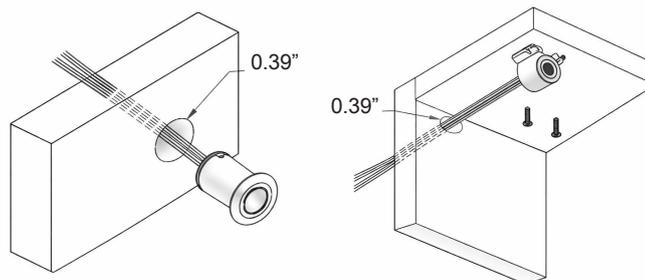
Top View



Side View



Installation



COMPATIBLE DRIVER

Five-in-One
Dimmable
Driver



- cULus Listed
- Universal Input Voltage: 100~277VAC
- IP67 rating, suitable for outdoor use
- 24V Constant Voltage Output, Class2
- Phase Dimming, 0-10V Dimming

30W

60W

96W

192W

288W