# WENDELIGHTING®

DIVISION OF JACKSEN INTERNATIONAL LTD

## Wenlux® 415AL
## Recessed Accent Light
## LED

The Wenlux® 415AL Recessed Accent Light is factory installed into an insulation contact / air tight recessed housing. A white high color rendering LED light was discriminately selected to enhance fine art and furnishings.

The inseparable Wenlux LM2 (2 wire) and LM4 (4 wire) Lighting Modules are separable from the recessed housing by disconnects. The LM Lighting Modules include the driver, LED Chip, proprietary optics and cooling system. Lighting Modules are assembled with the Accent Light (Adapter Cone) to which a series of Lens Holder Tubes with spherical lenses are positioned within to optically control variable beam spreads. The Luminaire's beam spreads can be further altered using a series of Light Control Accessories. Multiple Light Control Accessories can be positioned within the rotational Lens Holder Cone.

Wenlux provides rotational adjustment using lockable fastening systems. A dual heat sink technology delivers optimum LED cooling. The Recessed Housing's adjustable Ceiling Collar accommodates ceiling thickness from 5/8" to 1 7/16". Accessory flush trim flanges are available for a seamless, flush to ceiling, field-paintable trim.



Patent 6,612,0761B2

Wendelighting reserves the right to make changes without notice.

### LM2P LIGHTING MODULE SPECIFICATIONS (CA T24-JA8)

**Power:** 120/277 VAC Input - 20 Watts

**Driver/LED:** **LM2P** with **2790** Chip and Primary Optics JA8 Tested - 1300 Lumens @ 500mA (for tested life) - 67 Lumens/Watt (Estimated 1200 Lumens @ 450mA) JA8 Allowance on all LED Chip Options

**Optics:** Proprietary

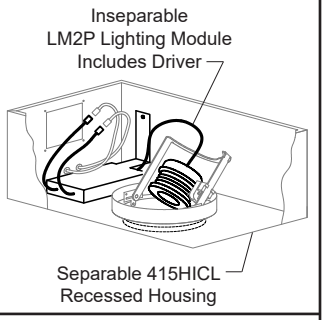
**Luminaire:** Aluminum

**Dimmer:** 2 Wire Forward / Reverse Phase

**Mounting:** Adjustable Locking Crossmember to Yoke

**Rotation:** 0° - 45° Vertical Tilt / 361° Horizontal Rotation

**Listings:** - UL / CUL - Damp Location - Type IC / Air Tight - Feed Through Wiring - Class 1 Wiring Required - Thermal Foldback Protection
- California Title 24 Residential Lighting JA8 Recessed Tested Listing (See wendelighting.com/resources)




### RECESSED ACCENT LIGHT OPTIONS

**415HICL - 415AL - LM__ __ - __ __ __ __ - __ __ __ - __ __ - __ __ __ - __ __**

**Recessed 415HICL** LED Recessed Housing

**Adapter Cone:**
**Accent Light**

**Lighting Module: (By Driver Type)**

**LM2P** (Standard)
Philips Xitanium 2 Wire Driver
Hybrid Forward / Reverse Phase Dimmable 2%
With ELV Dimming
120-277V In 450mA Out
Listed with CA Title 24 JA8

**LM4D**
eldoLED SOLOdrive 4 Wire Driver
Digitally Addressable Dimming Control
Dali-2® Dimmable 0.1%
120V-277V In 450mA Out
Listed with CA Title 24 JA8

**LM4P**
Philips Xitanium 4 Wire Driver
0-10V Dimmable 1% 120-277V In 450mA Out
Use Linear Dimming
Not Listed with CA Title 24 JA8

**Contact Wendel for Lutron® Drivers**

**LM2L** LTEA Tu-Wire® NOT JA8

**LM4L** EcoSystem® 4 Wire JA8

**LED Chip Options (Chip Values @ 450mA:)**

**2798**
2700K 98 CRI
1400 Lumens
R9 93

**3098** (Standard Chip)
3000K 98 CRI
1500 Lumens
R9 88

**2790** (Special Order)
2700K 90 CRI
1600 Lumens
R9 54

**3090** (Special Order)
3000K 90 CRI
1700 Lumens
R9 60

**Optical Lens Holder Tube (Spread):**

**NBS** 14° - 28°

**MBS** 30° - 40°

**WBS** 50°

**VWB** 63°

**Flush Trim Flange:**

**PF** Porous Flush Trim Flange

**AF** Aluminum Flush Trim Flange

**XX** No Flush Trim Flange - For Overlap Trim

**Trim Options:**

**OST** Overlap Slot Trim 20° - 45° Tilt

**OPT** Overlap Pinhole Trim 0° - 30° Tilt

**FST** Flush Slot Trim 20° - 45° Tilt

**FPT** Flush Pinhole Trim 0° - 30° Tilt

**Light Control Accessories:**

**FI** Fade In® 0° Softening Lens

**SF** 14° Soft Focus Lens

**SL** 28° Spread Lens

**RL** 0° x 48° Rectilinier Lens

**HL** Hexcell Louver

**1F** 100 Kelvin Warming Filter 39mm Diameter

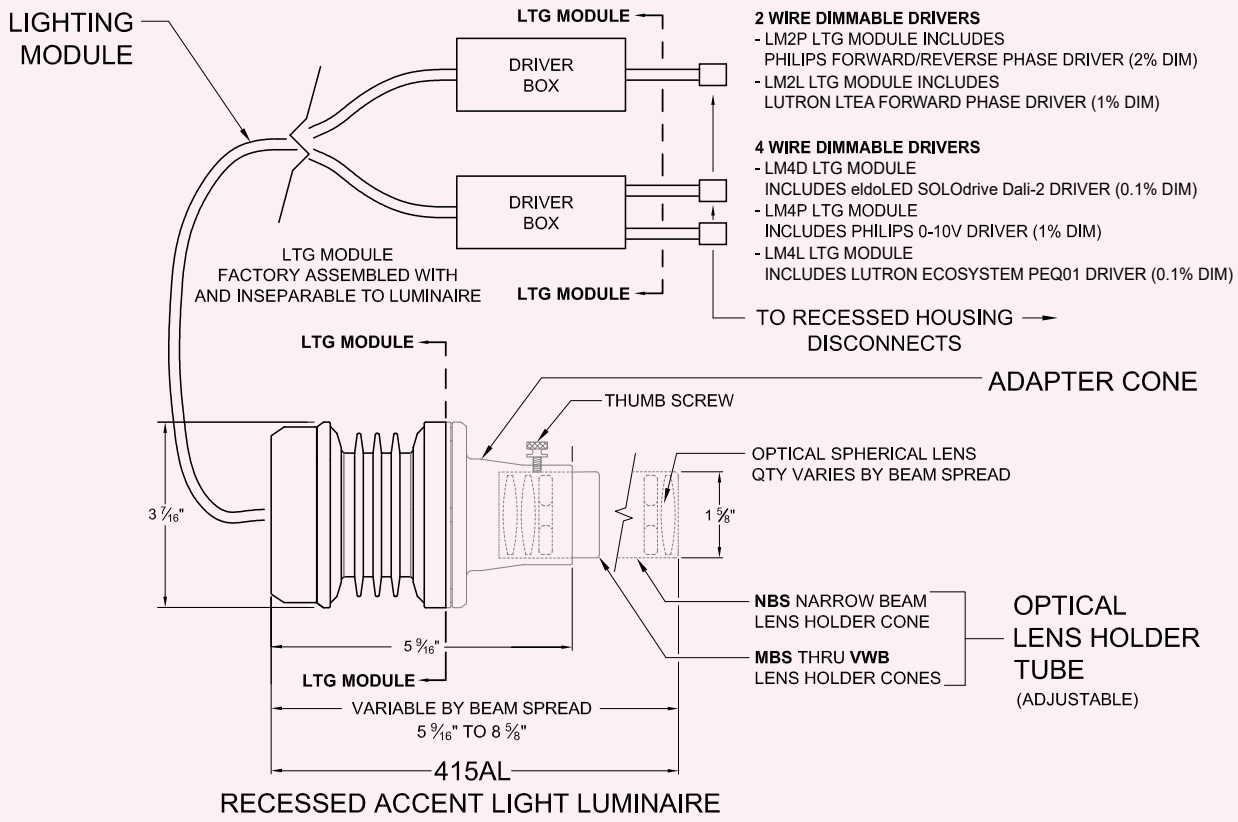
**Color Filter Options:** Additional 39mm Diameter Dichroic Color Filters Available Through Rosco

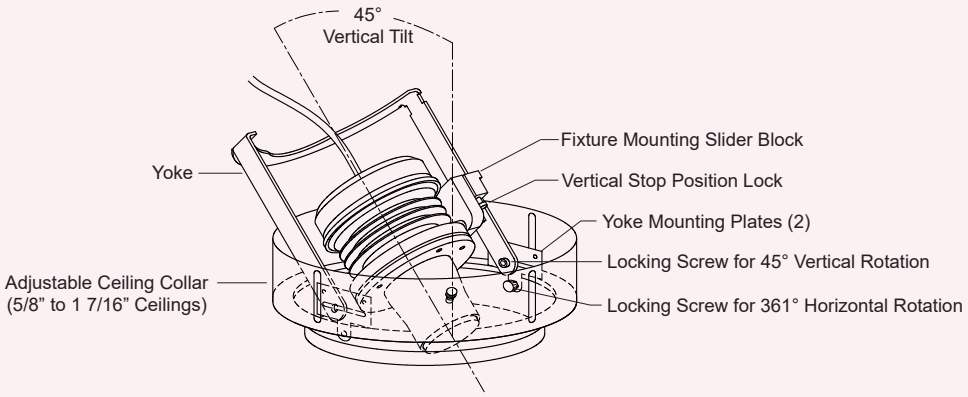
Philips and Xitanium are Trademarks of Signify  Lutron, Hi-lume, Tu-Wire, and EcoSystem are Trademarks of Lutron Electronics Co., Inc.  Dali-2® is a Registered Trademark of the Digital Illumination Interface Alliance

WENDELIGHTING / DIVISION OF JACKSEN INTERNATIONAL LTD. - P.O. BOX 337 - 363 BELL STREET - LOS ALAMOS, CALIFORNIA 93440
(800) 528-0101 Fax (626) 303-0046 www.wendelighting.com e-mail: info@wendelighting.com

Copyright © 2023 Jacksen International, Ltd. All rights reserved

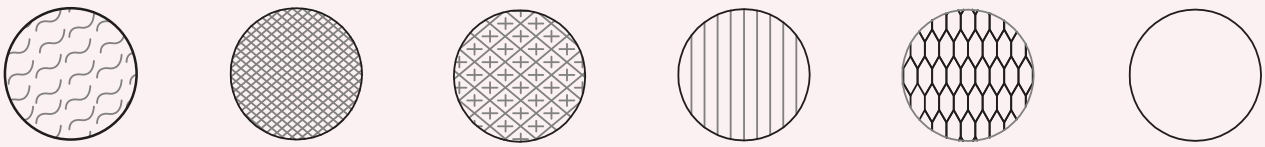
# Wenlux® 415AL Recessed Accent Light LED




## LIGHT CONTROL ACCESSORIES

Degrees shown are approximate on a NBS Cone. Results may vary substantially using wider MBS thru VWB beam spread Cones.



| 0° Fade Softening Lens | 14° Soft Focus Lens | 28° Spread Lens | 0° x 48° Rectilinear Lens | Hexcel Louver (Black) | 100 Kelvin Warming Filter |
|---|---|---|---|---|---|
| **FI** | **SF** | **SL** | **RL** | **HL** | **1F** |

**HOW TO SPECIFY**

To specify, please visit *www.wendelighting.com/art-light-worksheets/* complete the appropriate Art Lighting Worksheet and forward the completed worksheet to our staff members at *info@wendelighting.com.*

WENDELIGHTING®

The name Wendelighting is a registered trademark to Jacksen International Ltd., Monrovia, California. The name encompasses Wendel® and Wenlux® optical projectors as well as other types of Wendel/Wenlux lighting fixtures for both interior and exterior use.

DIVISION OF JACKSEN INTERNATIONAL LTD

Copyright © 2023 Jacksen International, Ltd. All rights reserved

# Wenlux® 415AL Recessed Accent Light LED

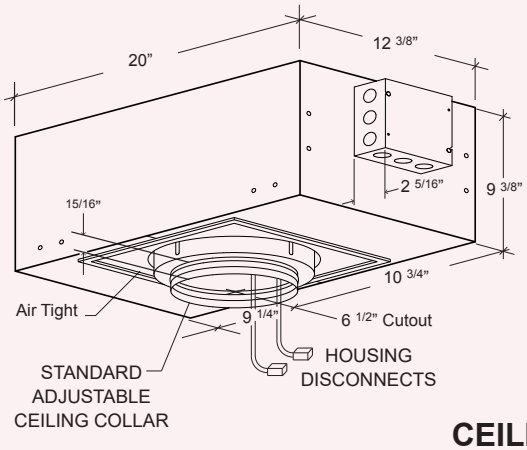
## 415HICL - LED RECESSED HOUSING

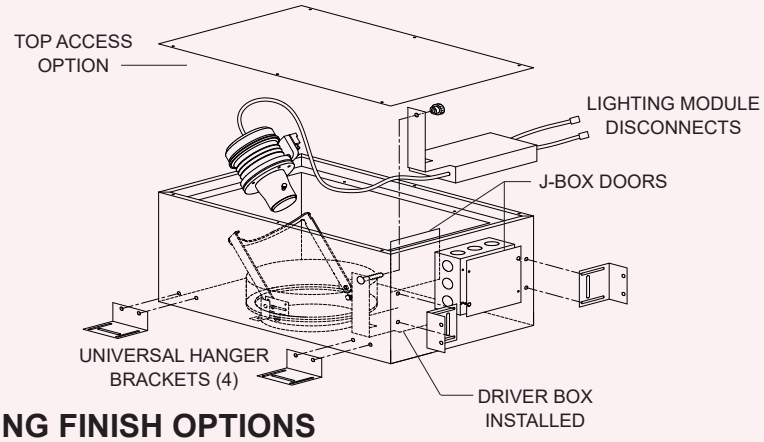
INSULATION CONTACT / AIR TIGHT

ALUMINUM - BLACK INTERIOR - STAINLESS HANGER BRACKETS

**ATTIC AND BUILDING ENVELOPE INSTALLATION**

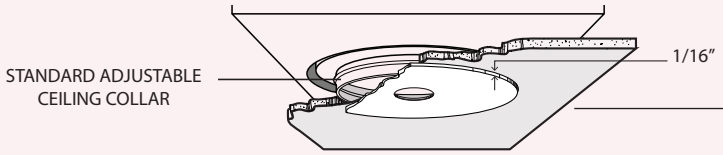
MINIMUM R38 INSULATION SURROUNDING AND COVERING RECESSED HOUSING REQUIRED FOR LED ASSEMBLY LIFE



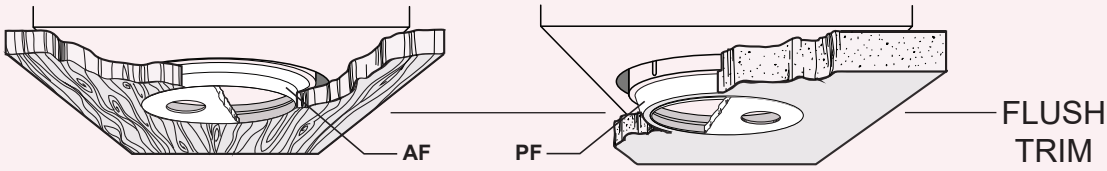




## CEILING FINISH OPTIONS

OVERLAP - FLUSH



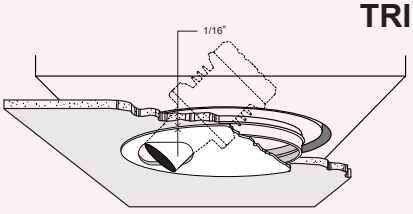

STANDARD ADJUSTABLE CEILING COLLAR
For use with
7" Diameter Overlap Trim



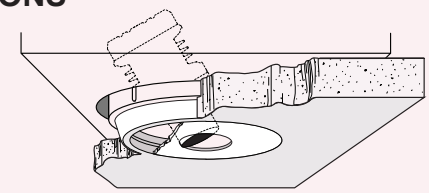

SOLID CEILING
**AF**
ALUMINUM FLUSH TRIM FLANGE
Accessory For 6 1/2" Diameter Flush Trims

PLASTER / STUCCO / DRYWALL CEILING
**PF**
POROUS FLUSH TRIM FLANGE
Accessory For 6 1/2" Diameter Flush Trims

## TRIM OPTIONS




SLOT TRIMS
20° - 45° TILT
SHOWN OVERLAP



PINHOLE TRIMS
0° - 30° TILT
SHOWN FLUSH

**OST** - OVERLAP SLOT TRIM 7" Dia (2" X 2 9/16" Slot)
**FST** - FLUSH SLOT TRIM 6 1/2" Dia (2" X 2 9/16" Slot)
**OPT** - OVERLAP PINHOLE TRIM 7" Dia (2" Pin)
**FPT** - FLUSH PINHOLE TRIM 6 1/2" Dia (2" Pin)

FLUSH TRIMS REQUIRE 415HIC RECESSED HOUSING ORDERED W/ FLUSH TRIM FLANGE ACCESSORY

**HOW TO SPECIFY**

To specify, please visit *www.wendelighting.com/art-light-worksheets/* complete the appropriate Art Lighting Worksheet and forward the completed worksheet to our staff members at *info@wendelighting.com.*

WENDELIGHTING®

The name Wendelighting is a registered trademark to Jacksen International Ltd., Monrovia, California. The name encompasses Wendel® and Wenlux® optical projectors as well as other types of Wendel/Wenlux lighting fixtures for both interior and exterior use.

DIVISION OF JACKSEN INTERNATIONAL LTD

Copyright © 2023 Jacksen International, Ltd. All rights reserved