### **Canless LED Downlighting**

Design Guide

### **HALO**







### **Products for Every Application**



### Go Slim.



1/2" thin fixtures that install virtually anywhere

**Go** Adjustable.



Shine light straight down from sloped ceilings or exactly where you need it.

**Go** Regressed.



Canless trims with regressed lenses deliver low-glare regressed canless downlighting

Go Quick



Install downlighting faster with the QuickLink Low Voltage System Quick (\*) Link Low Voltage System

## Go Fast.

Lighting solutions that reduce installation time, costs and headaches



Connect wiring to junction box



Connect LED module to driver and install into ceiling

### NO HOUSING NEEDED!

#### Installs Virtually Anywhere



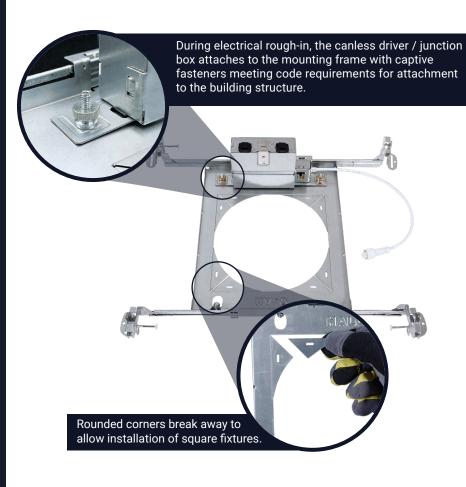
Cut hole in ceiling



Select color temp (and lumens if available)



Push module up into the ceiling



#### **HL2RSMF**

2" round and square mounting frame

#### **HL3RSMF**

3" round and square mounting frame

#### **HL4RSMF**

4" round and square mounting frame

#### **HL6RSMF**

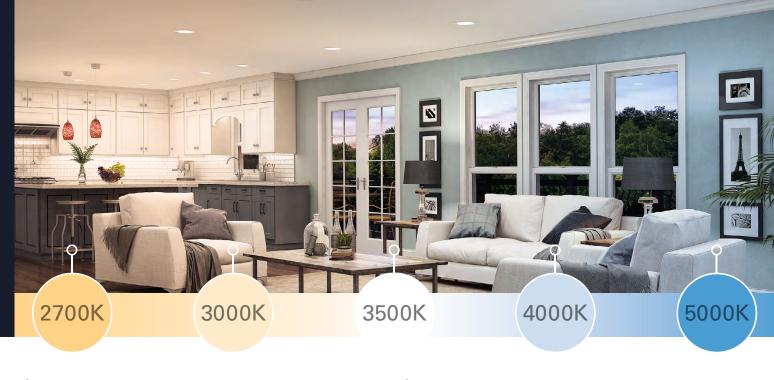
6" round and square mounting frame

#### **HL8RSMF**

8" round and square mounting frame

## GO Custom.

Field selectable solutions to meet your specific needs



Adjust the color temperature in the field using the switch on the driver box. Choose from 5 color temperatures 2700K - 5000K on most HALO canless fixtures. Specific models offer 5CCT + Dim-to-Warm or even Selectable Lumens.







Ultra-thin design installs under obstructions and in shallow plenum spaces



#### **Slim Canless LED (Contractor Grade)**

Smooth Lens • 3CCT



**HLBSL4**4" Round Downlight



**HLBSL6** 6" Round Downlight

#### **HLB Slim Low-glare Canless LED**

Prismatic Lens • 5CCT



**HLB3** 3" Round Downlight



**HLB3S**3" Square Downlight



**HLB4**4" Round Downlight



**HLB4S** 4" Square Downlight

### Slim Canless LED Smooth Lens • 5CCT



**HLBPH4**4" Round Downlight



6" Round Downlight



**HLB6** 6" Round Downlight



**HLB6S** 6" Square Downlight



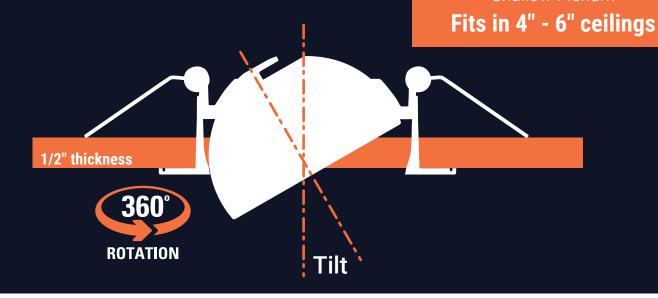
**HLB8** 8" Round Downlight



**HLB12** 12" Round Downlight



Aim lighting exactly where you need it



#### **Slope Adjustable Canless LED**

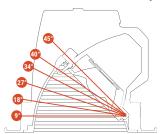
Integrated Optical Lens • 5CCT • 6-Position Tilt (9°-45°)



**RLS4-DM** 4" Round Slope Adjustable



**RLS6-DM** 6" Round Slope Adjustable



**Match Ceiling Pitches** 6-Position Regressed Tilt 9°-45° (12:2-12:12)

### Canless Regressed Adjustable

Smooth Lens • 5CCT • 35° Tilt • 360° Rotation



**RA4-DM** 4" Round Adjustable



**RA6-DM** 6" Round Adjustable

#### **Slim Adjustable Gimbal Canless LED**

Prismatic Lens • 5CCT • 30° Tilt • 360° Rotation



**HLA3** 3" Round Adjustable



Shallow Plenum

**HLA3S** 3" Square Adjustable



**HLA4**4" Round Adjustable



**HLA4S** 4" Square Adjustable

GO Regressed.

1/2" thickness

Shallow Plenum

Fits in 4" - 6" ceilings

Fits in 4" -

Regressed to limit glare and provide the look of a traditional downlight

### Regressed Downlight



**LT3-DM** 3" Downlight



**LT4-DM** 4" Downlight



Regressed low-glare Downlight



**RL4-DM** 4" Downlight



**RL6-DM** 6" Downlight

#### Night Light Series



**RL4-DM** 4" Downlight/Night Light



**RL6-DM** 6" Downlight/Night Light

#### Dual Dimming Regressed Downlight



LCR2 2" Downlight



**LCR4** 4" Downlight & Wall Wash



**LCR6** 6" Downlight & Wall Wash



**LCR8** 8" Downlight

### GO Smart.

Bluetooth enabled control and can fit virtually anywhere



## HALO | WiZ

Effortless Smart Lighting for Everyday Living

Illuminate spaces with the perfect lighting. Set the mood with 16 million colors + white tuning using the WiZ App or preferred compatible voice assistant.

16 Million Colors

**Tunable White** 







#### **HLB-WiZ Series**









#### **Canless Slim**



#### HLBQL4069FS1E-4PK

Phase Cut - 4 Pack Kit w/driver

#### HLBOL4069FS1E\*

4" Round Downlight, prismatic lens

#### HLBQL4069FSE010-6PK

0-10V - 6 Pack Kit w/driver

#### HLBOL4069FSE010\*

4" Round Downlight, prismatic lens



#### HLBQL6099FS1E-4PK

Phase Cut - 4 Pack Kit w/driver

#### HLBQL6099FS1E\*

6" Round Downlight, prismatic lens

#### HLBQL6099FSE010-6PK

0-10V - 6 Pack Kit w/driver

#### HLBOL6099FSE010\*

6" Round Downlight, prismatic lens

#### \* Driver not included. Only compatible with the HALO QuickLink system.

#### **Canless Regressed**



#### LTQL4069S1EDM-4PK

Phase Cut - 4 Pack Kit w/driver

#### LTOL4069S1EDM\*

4" Round Downlight, smooth splay



#### LTQL6069S1EDM-4PK

Phase Cut - 4 Pack Kit w/driver

#### LTOL6069S1EDM\*

6" Round Downlight, smooth splay



#### RLQL4069SE010DM-8PK

0-10V - 8 Pack Kit w/driver

#### RLOL4069SE010DM\*

4" Round Downlight, baffle trim



#### RLQL6069SE010DM-8PK

0-10V - 8 Pack Kit w/driver

#### RLOL6069SE010DM\*

6" Round Downlight, baffle trim

### Installing downlights has never been faster.

QuickLink delivers the fastest downlighting installation HALO has to offer. Installers can power multiple QuickLink lights on the single remote power supply, making it easy and efficient to install energy-saving lighting. Each fixture attaches to the low voltage cable in seconds with QuickLink Twist Connectors. Start with a QuickLink Kit which includes the remote power supply, a low voltage cable, and canless downlights. Then mix and match individual fixtures to complete the project.





With QuickLink Twist Connectors, each fixture attaches to the low voltage cable in seconds. The flexibility of the system allows the user to mix and match the compatible HALO QuickLink canless fixtures onto the same low voltage cable.











5 seleCCTable colors

The SeleCCTable™ technology puts flexibility at your fingertips. By using the switch located on the driver junction box, the user can choose from a range color temperatures:

2700K/3000K/3500K/4000K/5000K

### **ML4 Canless**

### Simple, compact, accurate.

The ML4 system is comprised of an LED module and trim that can be installed in a canless solution. This compact LED module installs from below the ceiling into a 3-3/4" opening.

The TL4 trims are available in three trim types; open, lens, and lens wall wash in a variety of finishes. The trims are attached by powerful rare earth Neodymium magnets; they float on a bubble of magnetic flux keeping the trims held securely in place.

The ML4 delivers powerful beams of light providing optical control and high color quality.







The dim-to-warm setting begins at 3000K and dims smoothly to 1800K, creating a rich, warm glow resembling candlelight or the sun on the horizon.

#### ML4DM10LSFL9FS1E

4" Canless, Lumen Select (600/800/1000lms), 5CCT selectable, 90CRI, 40° optic, 120V, LE/TE 5% Dim

#### ML4DM10LSFL9FSE010

4" Canless, Lumen Select(600/800/1000lms), 5CCT selectable, 90CRI, 40° optic, 120-277V 0-10V 5% Dim

#### ML4DM08LSFL95FS1E

4" Canless, Lumen Select(400/600/800lms), 5CCT selectable, 95CRI, 40° optic, 120V LE/TE 5% Dim

#### ML4DM06FLD2W1E

4" Canless, 600lms, Selectable D2W, 90CRI, 40° optic 120V LE/TE 5% Dim

A complete luminaire consists of a fixture fitting + trim, order separately.



TL40R 3-1/2" round conical reflector

open pinhole

TL43R

2" round

**TL44S** 

TL46S

2" square lens

wall wash pinhole

lens pinhole

TL40R2GMW

matte white flange, diffuse lens white reflector



TL41R TL41RMW 2" round

matte white flange



TL41RBN

brushed nickel flange



TL41RBCu brushed copper flange

TL41RMB

matte black flange



TL41RORB

oil rubbed bronze flange



TL41RGB

german bronze flange



**TL42S** TL42SMW

2" square matte white flange open pinhole



TL42SBN

brushed nickel flange



TL42SBCu brushed copper flange

TL42SMB

matte black flange



TL42SORB

oil rubbed bronze flange



TL42SGB

german bronze flange



TL43R2GMWWB

matte white flange, white lens frame



TL43R2GMWBB

matte black flange, black lens frame



TL43R2GBNBB

brushed nickel flange, black lens frame



TL43R2GBCuBB

brushed copper flange, black lens frame



TL43R2GMBBB

matte black flange, black lens frame



TL43R2GORBBB

oil rubbed bronze flange, black lens frame



TL43R2GGBBB

german bronze flange, black lens frame



TL44S2GMWWB

2" square lens pinhole



matte white flange, white lens frame



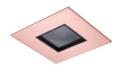
TL44S2GMWBB matte black flange,

black lens frame



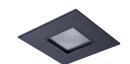
TL44S2GBNBB

brushed nickel flange, black lens frame



TL44S2GBCuBB

brushed copper flange, black lens frame



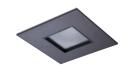
TL44S2GMBBB

matte black flange, black lens frame



TL44S2GORBBB

oil rubbed bronze flange, black lens frame



TL44S2GGBBB

german bronze flange, black lens frame



TL45R

2" round lens wall wash pinhole



TL45R6GMWWB

matte white flange, white lens frame



matte white flange,

black lens frame

TL46S6GMWWB

matte white flange, white lens frame



TL46S6GMWBB matte white flange, black lens frame



ML4 optics -



TIR4D25NFL



TIR4D40FL



TIR4D55WFL



TIR4D25AWW





TIR45MH12PK media holder

HALO Canless Recessed Lighting Design Guide

### Living Spaces Kitchen

A well-lit kitchen is a happy kitchen. Provide task lighting over countertops by placing easy-to-install HALO canless recessed lighting 24" from the wall. Since the kitchen is typically quite lived-in, features like adjustable CCT can give it a more homey feel, while HALO Home Bluetooth control adds convenience for multitasking homeowners.



**LT-DM**HALO Recessed



**HLB** HALO Recessed

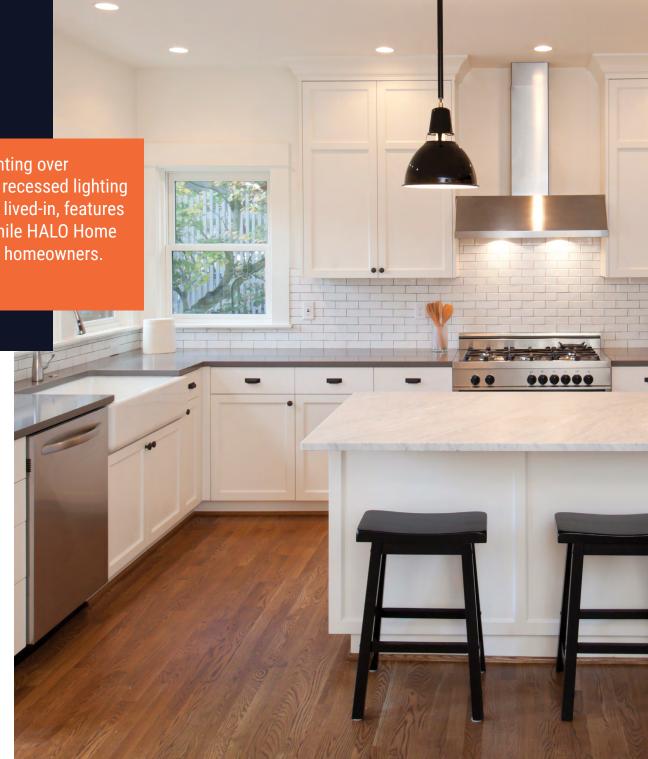


**Bluetooth**°

**HLB-WiZ** 6" Downlight



**RL6-DM** 6" Downlight/Night Light



## Living Spaces Bedroom

HALO canless recessed lights are a timeless and versatile choice for bedrooms. They can easily be combined with other fixtures, like ceiling fans or accent lighting, to maximize functionality and draw attention to architectural features. These HALO canless recessed downlights are dimmable at CCT-adjustable, allowing the homeowner to create a serene home sanctuary.



**LT-DM**HALO Recessed



**HLB** HALO Recessed

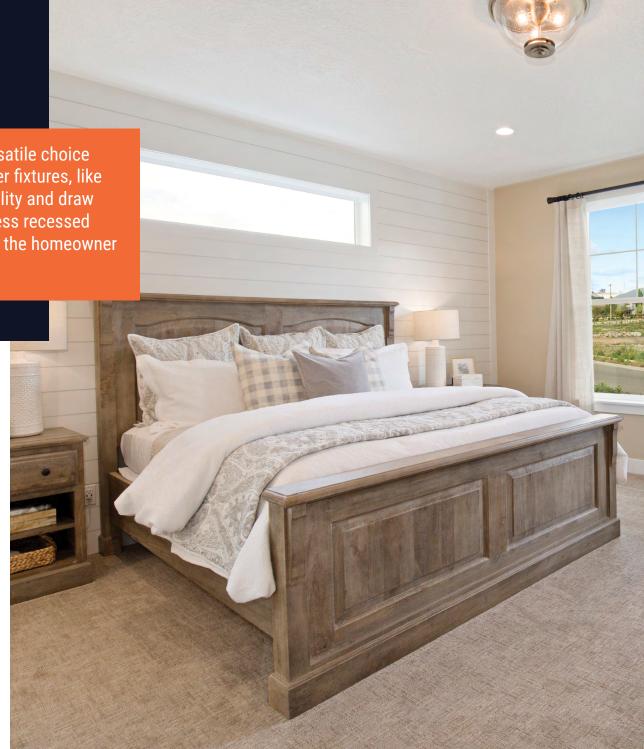


**Bluetooth**°

**HLB-WiZ** 6" Downlight



**RL6-DM** 6" Downlight/Night Light



# Living Spaces Living Room

The perfect living room lighting scheme should provide plenty of general lighting while also highlighting design features. For ambient lighting, use one HALO canless recessed downlight for every 4 to 6 square feet of ceiling space. Use directional lighting like the HLA or RA-DM to aim the light towards fireplaces, galleries, or other focal points.



**RL-DM**HALO Recessed



**HLB** HALO Recessed



**HLA**HALO Recessed



RA-DM HALO Recessed



# Living Spaces Bathroom

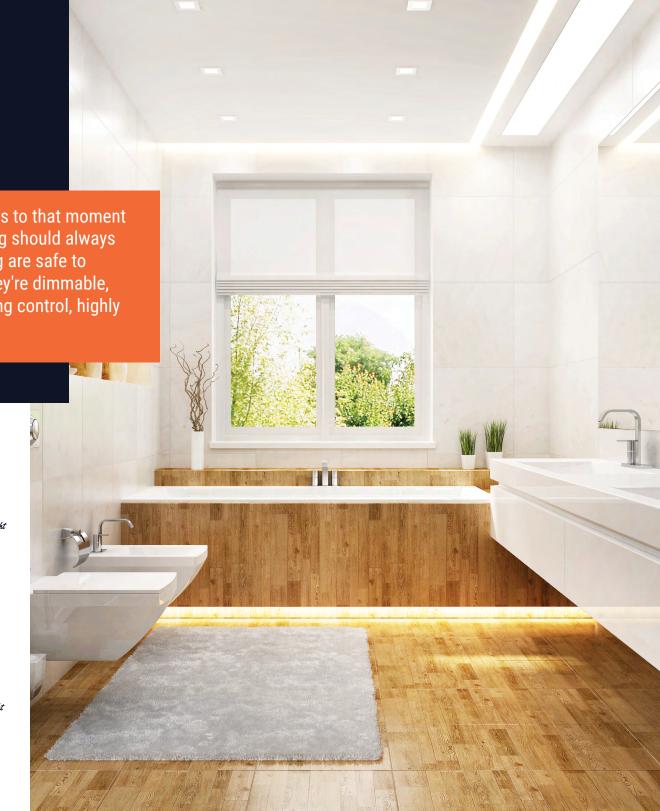
From the hustle and bustle of morning preparations to that moment of zen when you slip into the tub, bathroom lighting should always meet the moment. HALO canless recessed lighting are safe to use in shower stalls and above tub areas. Plus, they're dimmable, CCT-adjustable, and with HALO Home smart lighting control, highly customizable.











# Living Spaces Closet/Storage

Because LED light fixtures produce less heat, they're preferred over incandescents or fluorescents in storage areas like closets. Easy to install without bulky housing, HALO canless recessed downlights are perfect for new construction or remodel applications. Experts recommend installing them at least 12" away from clothing or other items being stored.



**LT-DM**HALO Recessed



**HLB** HALO Recessed





**HLB-WiZ** 6" Downlight



**RL6-DM** 6" Downlight/Night Light



## Living Spaces Back Porch

"Porch lights" aren't what they used to be. Besides enhancing safety and security outdoors, proper lighting can make the back porch more functional and enjoyable. HALO canless recessed downlights, which are UL damp location-listed, combine the ease of surface mounts with the clean look of recessed lighting. Choose the HALO Home version for enhanced personalization and security features, including indoor/outdoor grouping, dusk to dawn, and "vacation mode."



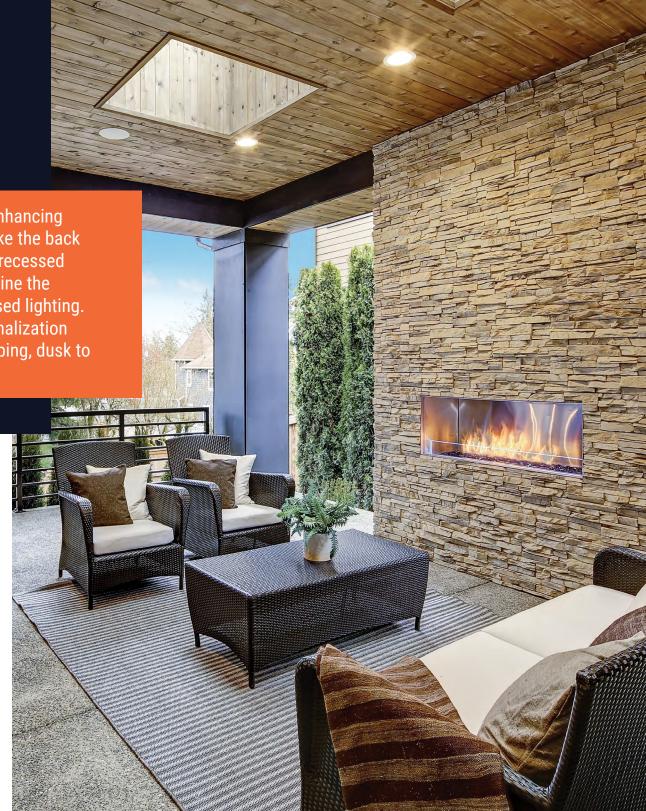
**LT-DM**HALO Recessed







**HLB** HALO Recessed



## **Apartment Hallway**

IC-rated HALO canless recessed lighting, like the HLB8, is a great addition to the multifamily toolkit. It provides the timeless look of can lighting in a versatile design that's safe for insulated and uninsulated areas. In fact, at  $\frac{1}{2}$ " thick, it installs virtually anywhere! Field-selectable color temperature and lumens allow you to customize the light to suit different hallway ceiling heights and color schemes.



HALO Recessed



## **Apartment Lobby**

Make a great first impression while enhancing safety in your building entries. HALO canless recessed lighting is designed to provide even, eye-pleasing illumination. While the smooth baffle and high CRI of the LCR make it well-suited for lobbies and other hospitality-focused environments, the HALO portfolio offers a range of energy-saving, easy-to-install direct mounts for multifamily applications.





**HLB12** HALO Recessed



# Apartment Gym

Thoughtful lighting can help gym-goers feel alert and motivated. With HALO canless recessed lighting, it's easy to achieve the proper spacing, light output, and color temperature for a welcoming and glare-free effect. These solutions feature adjustable CCT, with cooler color temperatures for improving focus and energy and warmer options (plus dimming) to promote relaxation.





**HLB12**HALO Recessed

# **Apartment Leasing Office**

A leasing office is so much more than an office. It's a first impression. Not only does its lighting scheme need to promote productivity and focus like any other workspace, but it needs to give off a certain welcoming and sophisticated vibe. Fortunately, HHALO canless recessed lighting is are great at multitasking, with selectable technology and a high-end look that's surprisingly easy to achieve.



**LCR** HALO Recessed



**HLB8**HALO Recessed



**HLB12** HALO Recessed



## **Light Commercial Pizza Parlor**

Lighting is often the first thing that most restaurant designs get wrong. Too much light and the restaurant loses some of its charm, but insufficient lighting will leave patrons squinting to see the menu. Fortunately, it's hard to go wrong with the HALO canless recessed lighting portfolio. Perfect for achieving even, glare-free lighting, these downlights can stand alone or be layered with pendants and statement pieces.



**LCR** HALO Recessed



**HLB UNV** HALO Recessed





## Light Commercial Coffee Shop

Want more customers to linger over coffee and a pastry? Lighting can help. Use a warmer color temperature setting on your CCT-adjustable HALO canless recessed lighting, and be sure to keep the CCT consistent throughout the space. Since these products are easy to install in any type of ceiling, dimmable, and can be spaced precisely to your liking, it's even easier to set the mood to "cozy."



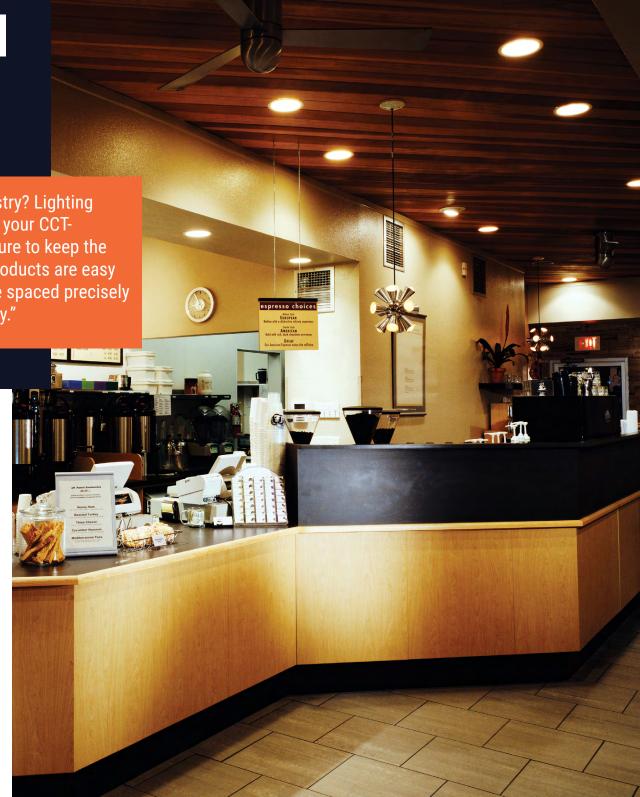
**LCR** HALO Recessed



**HLB UNV** HALO Recessed



ML4 HALO Recessed



# **Light Commercial Clothing Boutique**

In small retail applications, choose LED downlights with warm CCT options—like these HALO canless recessed lighting. By allowing customers to browse products in vivid color and creating a friendly, familiar atmosphere, you'll enhance the experience and encourage shoppers to stick around. Canless recessed lighting can be easily paired with under cabinet or accent lighting for a pleasant layered effect.



**LCR** HALO Recessed



**HLB UNV** HALO Recessed



ML4 HALO Recessed



## Light Commercial Hair Salon

A stylist's work requires extreme precision, from choosing the right shade of hair color to ensuring the angle of each shear is spot-on. You'll want to choose LED downlights with a high CRI, like these solutions. Products like the HLB also feature selectable lumens, providing adequate lighting for any ceiling height. These canless recessed lights are also dimmable and CCT-adjustable, promoting a relaxing client experience.



**LCR** HALO Recessed



**HLB UNV** HALO Recessed



ML4 HALO Recessed



#### **Lighting Brands**

Ametrix AtLite

Corelite

Ephesus Fail-Safe HALO

**HALO** Commercial

Invue

iO

Iris

Lumark Lumière

McGraw-Edison

Metalux

MWS

Neo-Ray Portfolio

RSA

Shaper

Shaper PrentaLux - 3D Printed Lighting

Streetworks Sure-Lites

Telensa

#### **Controls Brands**

Greengate Fifth Light

Connected Lighting Systems and Smart Spaces Platform

WaveLinx



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