

Residential Lighting Solutions





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Residential lighting design offers many opportunities to maximize human comfort, health and productivity. The ultimate multi-use environment, a residence requires thoughtful planning and design.

A designer must consider a variety of key characteristics when developing a lighting plan: light source, glare control, efficiency, maintenance, color quality, daylight, distribution, cost, control and flexibility.

ConTech Lighting is uniquely qualified to guide you through the lighting process and be your lighting resource. We offer a wide variety of lighting systems, including downlights, accent lighting and decorative fixtures to meet your lighting design needs.

At ConTech Lighting, our goal is to help you exceed your residential lighting goals and partner with you every step of the way.

Goals of Residential Lighting Design

- Create a warm and inviting environment while making it functional and safe
- Establish a path of illumination through the house to allow for comfortable transition from room to room
- Highlight areas of interest and architectural details to enhance and strengthen the character of the living space
- Design a flexible lighting system that is easy to maintain
- Address energy efficiency and code issues

Layers of Light

There are four layers of light typically used in residential lighting: general (also called ambient), task, accent and decorative.

Combining these lighting types gives visual interest to the space. Integrating and balancing the different layers of light into every room allows for a variety of settings, and creates an inviting environment.





General/Ambient Lighting

- Main source of illumination
- Uniform, base level of lighting
- Comfortable level of brightness
- Provide a sense of relaxation and spaciousness
- Light level should be uniform and neutral

Decorative Lighting

- Contributes to the aesthetic layers in an environment
- Enhances the look of the space as a design element
- Complements and adds visual interest to the space

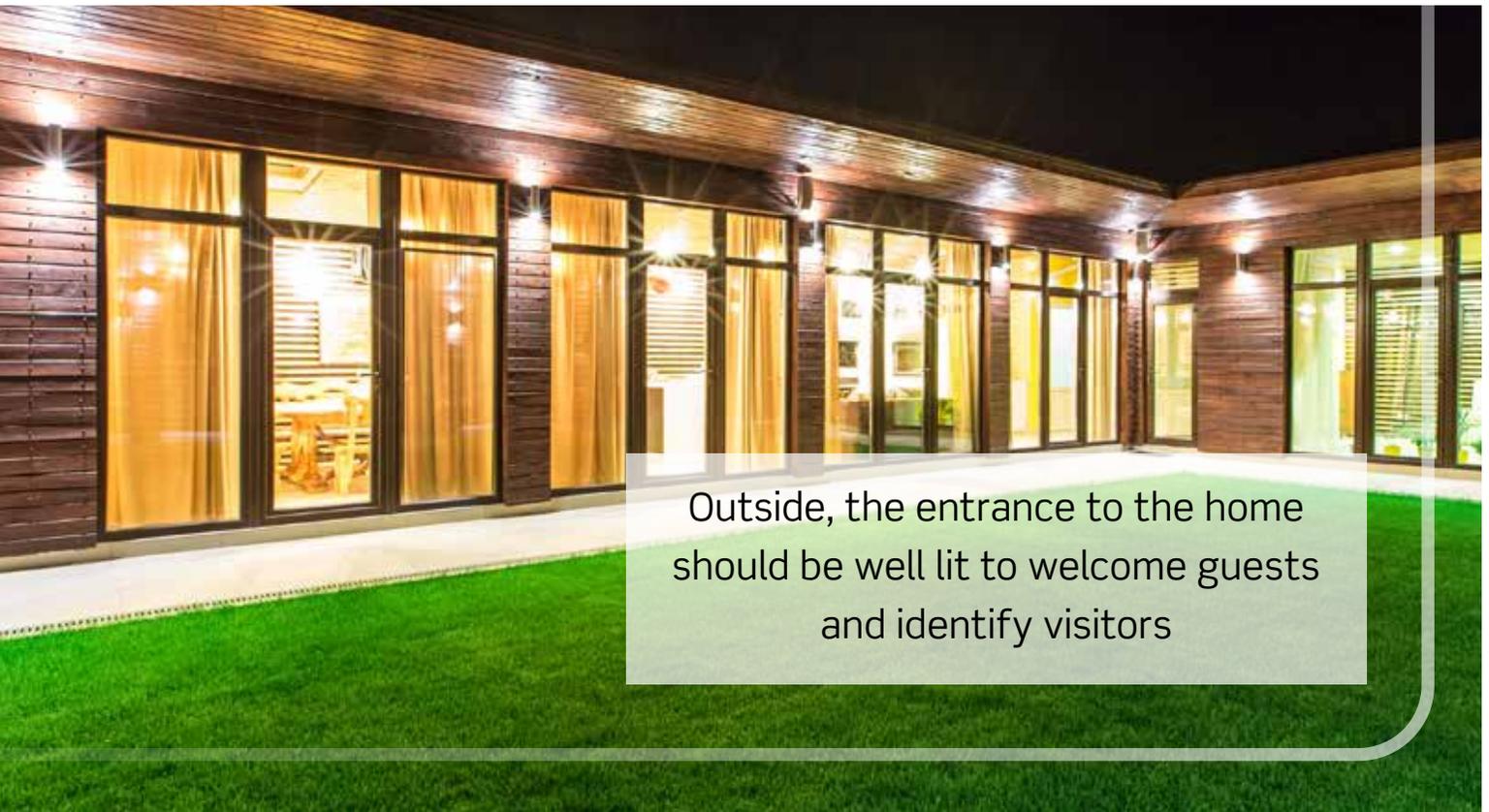


Accent Lighting

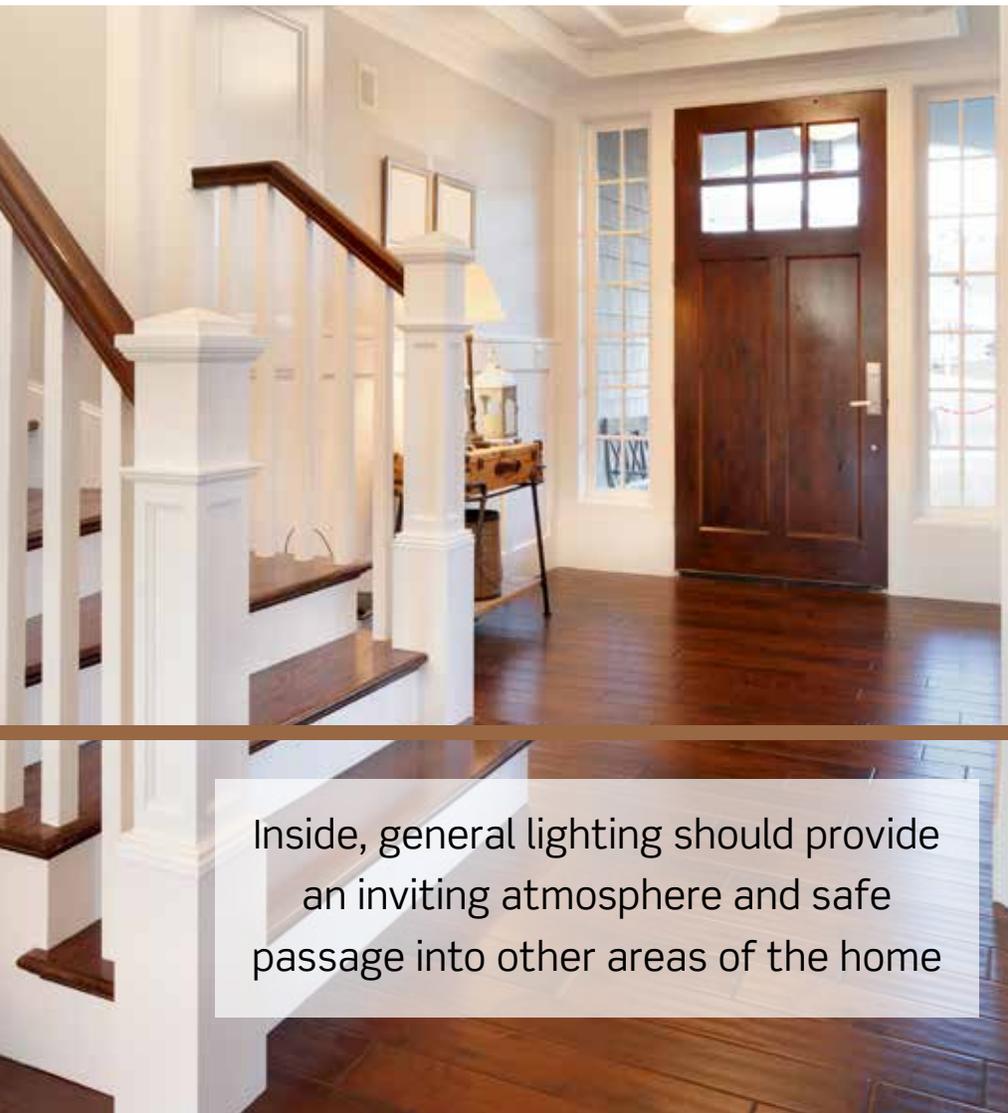
- Reinforces design aesthetics
- Creates a dramatic emphasis on shapes, textures, finishes and colors
- Adds depth and contrast

Task Lighting

- Used as a supplement to general/ambient lighting
- Provides a focused, localized, and higher level of illumination than general/ambient lighting
- Should eliminate shadows on the specific illuminated area and prevent glare from the lamp or off surfaces



Outside, the entrance to the home should be well lit to welcome guests and identify visitors



Inside, general lighting should provide an inviting atmosphere and safe passage into other areas of the home

Mono-point ceiling fixtures are perfect for providing a soft, warm ambient light to welcome visitors into your home

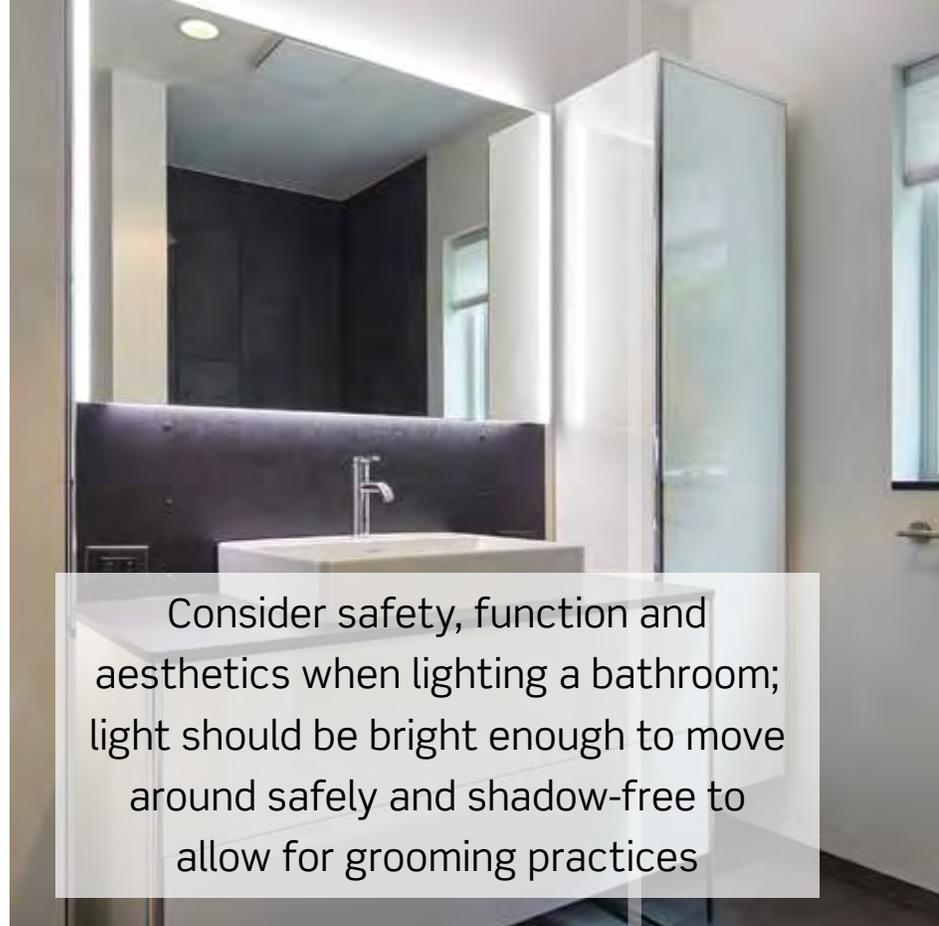


Kitchens have become the ultimate multi-use room, the heart of the home, and need plenty of ambient and task lighting to be efficient and functional; controls help change lighting scenes easily

Recessed fixtures provide a layer of ambient light that can be supplemented with task lighting

Light-colored rooms may not need much ambient lighting; there may be enough reflection from the other layers of light to compensate

Rooms with darker surfaces may need more ambient lighting, as dark colors absorb more light



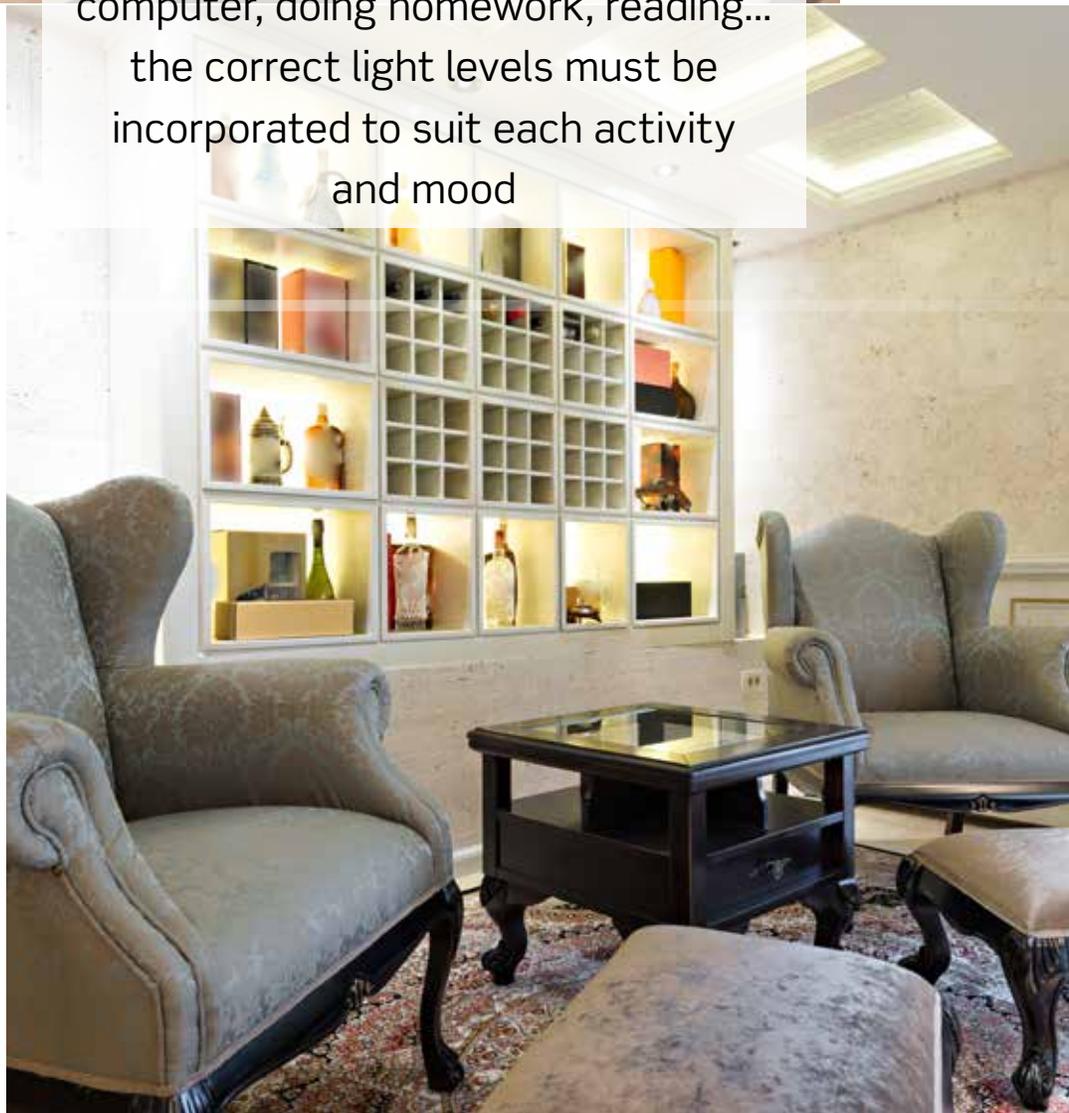
Consider safety, function and aesthetics when lighting a bathroom; light should be bright enough to move around safely and shadow-free to allow for grooming practices



In the bedroom, it is important to focus on the overall mood; lighting should be flexible. Using dimmers gives the ability to control different light levels independently, so the room can adapt to different moods as desired.



The living room:
a space for general entertaining,
watching television, working on the
computer, doing homework, reading...
the correct light levels must be
incorporated to suit each activity
and mood



Wall washing defines
form and space while
highlighting texture,
visually increasing
the size of a room
and making the space
seem lighter and
more open



Accenting everything and emphasizing nothing is a common mistake with accent lighting; keep in mind that there such a thing as providing too much light

R SERIES

LED ARCHITECTURAL RECESSED DOWNLIGHTS

the power to transform the atmosphere of virtually any interior

HOUSINGS

Specification Grade 2" R2 Series, 4" R4 Series,
4" R4S Shallow Series and 6" R6 Series

Round or Square Apertures

New Construction

Remodel

Insulated Ceiling (IC)/StopAire™

Non-Insulated Ceiling (Non-IC)/StopAire

Adjustable or Non-adjustable Models

LED MODULE

Select from 2700K, 3000K, 3500K and 4000K with
a CRI of 80 minimum, 83 typical; High CRI available

Excellent fixture-to-fixture color consistency with
a 2 to 3-step MacAdam Ellipse tolerance

The R2 Series feature a Crisp White 3000K LED
option that delivers 90+ CRI with additional violet
wavelengths, enhancing white visibility

Multiple beam spread options; from Spot to Wide
Flood to Wall Wash

FEATURES

R4S Shallow Series fits into a 2-1/2" plenum space

Adjustable housings have a fully lockable
adjustment mechanism that allows 45° of tilt,
plus 360° rotational adjustment; housing can be
used in slope ceiling applications

All R Series Downlights are available for dimming
and non-dimming applications

Variety of trim options available to complement
any design style; both trimmed and trimless

Wet Listed Trims can be used in bathrooms and
covered exteriors

LISTINGS

Many housing options are ENERGY STAR® Certified,
and/or can be used to comply with T24 JA8 high
efficacy light source requirements

CP Housings are Chicago Plenum CCEA listed

IC/StopAire Housings conform to the Washington
State Energy Code for low air infiltration; tested in
accordance with ASTM E283

TRIMS

Specification Grade Reflectors

ISOWET Dead Front Reflectors

Wall Wash Reflectors

Lensed Wall Wash Reflectors

Full Cone Reflectors

Full Cone Baffles

Two Piece Reflectors

Two Piece Reflector/Baffle

Wet Location Angle Cut Reflectors

Wet Location Angle Cut Baffles

Pinhole Trims

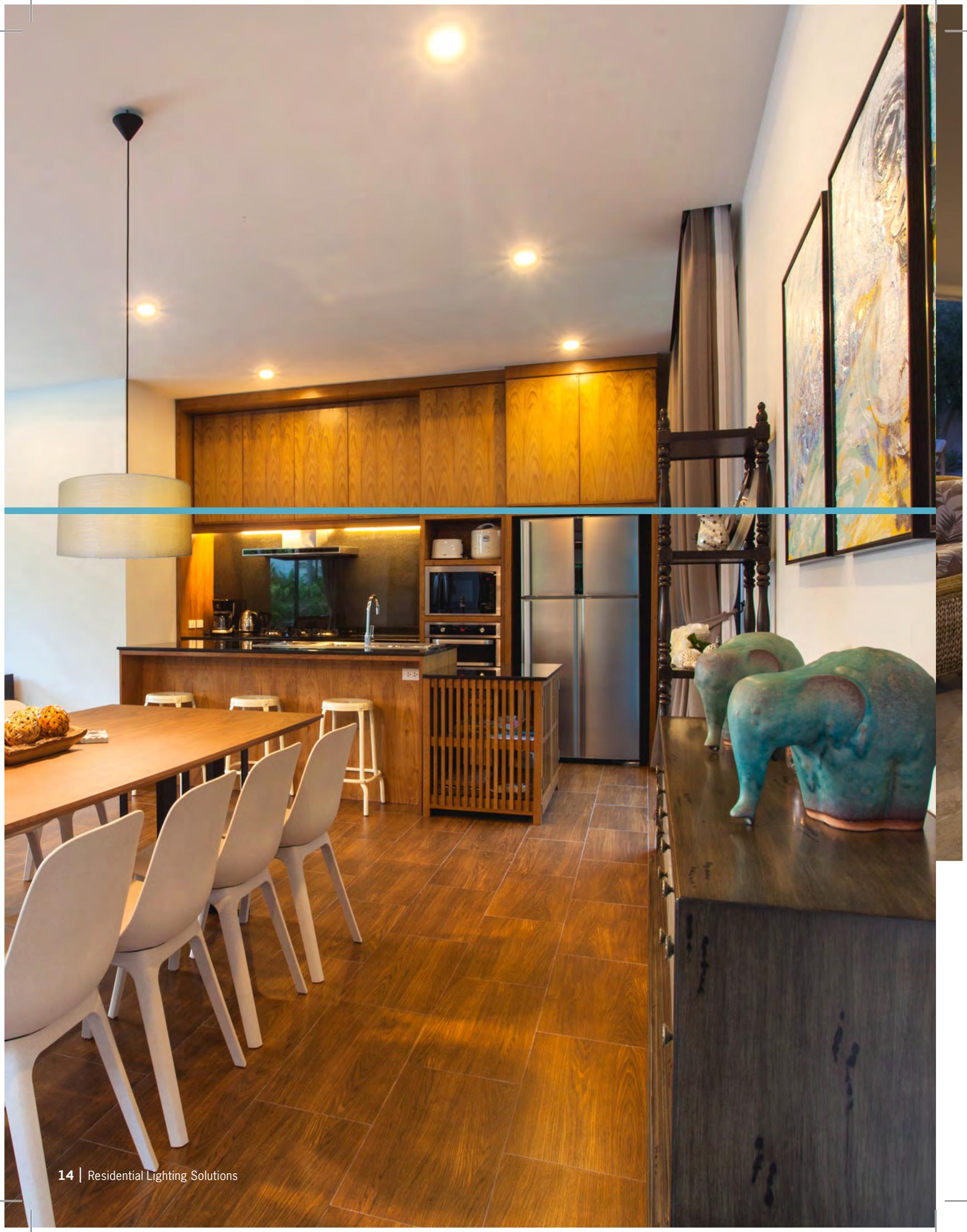
Floating Glass Trims

Die-Cast Reflectors

Die-Cast Wall Wash Trims









WARM DIMMING

ALL 2" R2 DOWNLIGHTS

Rounds • Squares • Trimmed • Trimless



Light that Warms as it Dims
3000K at full brightness to 1800K when dimmed
90+ CRI Throughout dimming range
Precision TIR Optics
Up to 1000 delivered lumens
Compatible with Triac, ELV, 0-10V, eidoLED and EcoSystem dimming

Provides a sense of well-being and comfort
Create a unique environment
– *Relaxed*
– *Intimate*
– *Comfortable*
Mimics Incandescent with far superior efficacy



K SERIES DOWNLIGHTS

4" and 6" UNIVERSAL VOLTAGE LED COMMERCIAL RECESSED DOWNLIGHTS

from subtle to dramatic, recessed lighting can enhance a room's layout, design and texture

4" and 6" K Series Universal Voltage Round Residential Downlights feature classic look trim options and soft-glow optics that mimic traditional incandescent sources. Excellent color quality: 90+ CRI and 3-step MacAdam Ellipse Tolerance for color consistency in every room.



New Construction and Remodel Housings
Insulated Ceiling (IC) and Non-Insulated Ceiling
(Non-IC) Versions; both StopAire™ Rated
Universal Voltage: 120V through 277V with
several dimming options
Low profile design for shallow plenums:
K4: 4"
K6: Less than 5"

2700K, 3000K, 3500K and 4000K; High CRI 90+
Multiple beam distributions available
Field interchangeable optics, no tools required
Many Trim Options available to complement any
design style







Platform of flat-back cylinder luminaires designed to provide uniformity in form and function

- Sleek design with superior performance
- Multiple mounting styles for any application
- Wide range of wattage/lumen outputs, luminaire sizes, and beam distributions
- Specification grade performance TIR optics
- Field interchangeable optics within each fixture size to allow for changing environments



CEILING MOUNT

Mounts to a standard recessed junction box for downlighting applications



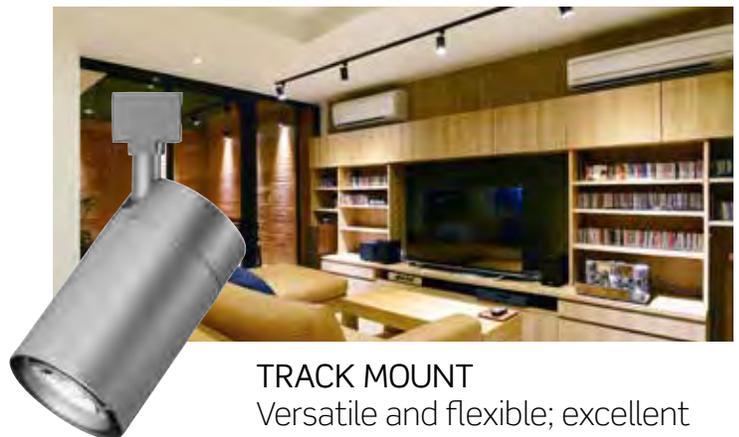
FLEXIBLE CABLE

Includes 48" of Field Adjustable Cable; impeccable over tables, bars, desks and islands



MONO-POINT

Precision aiming adjustment: 315° horizontal rotation and 90° vertical tilt; perfect for accent lighting



TRACK MOUNT

Versatile and flexible; excellent for highlighting book shelves and large artwork

PENDANT LIGHTING

ConTech Lighting provides a wide selection of Decorative Pendants that add a unique, signature look to any décor. Pendants are the adaptable decorative lighting option and great for saving space and keeping work areas uncluttered.

INTEGRATED LED PENDANTS



simple elegance for decorative lighting

6W Mini-Pendant or 8W Quick Release Pendant

2 Foot, 4 Foot, 6 Foot or 8 Foot Cord Lengths; Field Adjustable

Dimming Down to 10%

Dry Location Listed

Finishes: Antique Bronze, Black, White, Silver

Decorative Shades Not Included

Our Integrated LED Pendants are adaptable to multiple mounting configurations including Single and Multi-point Ceiling Canopies



MODERN PENDANT

Contemporary Pendant; Hang a Single Pendant or Multiple using a Three, Seven or Eleven Port Ceiling Canopy
Choice of Fabric Covered Cord Colors and Luminaire Finishes
Field Cuttable 16 Foot Cord Standard
Medium E26 Screw Base or GU24 Twist-Lock Bi-Pin Base Socket Options
Accommodates ConTech Gravity Fit Shades (Not Included)
Indoor Use Only



VINTAGE PENDANT COLLECTION



Vintage Inspired Pendants, Wall and Ceiling Mount Luminaires
Single, Three, Seven or Eleven Port Ceiling Canopies Available
Choice of Fabric Covered Cord Colors for Pendants and Luminaire Finishes
Medium E26 Screw Base or GU24 Twist-Lock Bi-Pin Base Socket Options
Optional Decorative Metal Shade Available in Three Sizes; Wall Mount Accepts Small Size Shade Only
Canopy Mount Pendant Suitable for Damp Locations





INDOOR/OUTDOOR CYLINDERS

designed with performance and versatility in mind

ConTech Lighting offers a comprehensive selection of Specification Grade Integrated LED Cylinders. A multitude of customizable options ensure the ideal solution for your lighting applications.

Variety of Sizes: 3-1/2" Diameter, 6" Diameter, 8" Diameter and 9" Diameter, in Both Round and Square Shapes

For Both Indoor and Outdoor Environments

Mounting Options Include Ceiling, Flexible Cable, Rigid Stem, Track, Up or Down Wall Mount, or Up and Down Wall Mount

Matte White, Matte Black, Matte Silver and Satin Bronze Finishes; Custom Colors Available

All Cylinders are Available for Dimming and Non-dimming Applications

Many Models are ENERGY STAR® Certified





LPU2 UNDERCABINET LIGHTING

superior versatility, color rendering and efficiency

- Thin Profile; Less Than 1 Inch in Depth
- Selectable Switch Allows Selection of Three Different Color Temperatures: 2700K, 3000K and 4000K
- No Infrared or Ultraviolet Radiation
- Bronze or White Finish with Frosted Lens
- Integral ON/OFF switch and High/Low Switch

- Optional Occupancy Sensor Accessory
- Assorted Flexible Connectors Allow for Continuous Row Applications as well as Applications with Bends and Corners
- Can be Used to Comply with 2019 Title 24 Part 6 JA8 high efficacy LED Light Source Requirements

Undercabinet Lighting under shelving units contribute to the ambient lighting in a space. Place units on top to accent the ceiling, expand the space and add visual interest to the room



LPL4

UNDERCABINET LIGHTING

Slim Design: 1-Inch Square Cross-Section

Slide Switch Field Selectable CCT: 3000K, 3500K or 4000K

Integrated LED Driver

Standard and High Output; 90 CRI

Premium Diffusion Lens: No LED Dotting

Available in Four (4) Lengths: 8-Inch, 12-Inch, 24-Inch and 32-Inch

Each unit includes: 72-Inch Plug-and-Play Power Cord (LPAPL72), End-to-End Connector (LPACE) and two (2) 0-90° degree adjustable mounting clips with screws

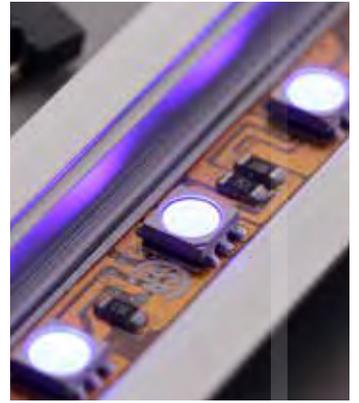
Linkable Up to 400W

Optional Splice Boxes with Switch and/or Occupancy Sensor





PERFORMANCE LED TAPELIGHT



- 120V Indoor/Outdoor Flex LED Strip Light is available two versions: Flex LED Strip Light in four static white color temperatures for indirect view applications and Flex Neon LED Strip Light in static white and four solid colors for direct view applications
- Direct to line voltage power, no separate drivers required
- Wet Location & IP65 Rated for indoor & outdoor applications
- Made to order and assembled at specific lengths, ready to wire and install; maximum continuous run length of 164 feet
- 12V and 24V Low Voltage Flexible Performance LED Tapelight with uniform light distribution; select from Static White Light, Single Colors, Side Emitting White Light, Color Changing RGB or RGBW and Tunable White
- Easy to install Plug-and-Play System with no need for field soldering; field cuttable with a large variety of Mounting Channels and Lenses to meet most application requirements
- cCSAus Listed to UL Standards as a complete system, not just components, for safety and reliability

TAPELIGHT
Concierge
SERVICE

ConTech takes the guesswork out of configuring your tapelight system. Our dedicated team of experts works directly with you to understand your application and design intent. We will assess your blueprints and designs to construct the best system for your application. A full technical review of components assures requirements and technical specifications are met.

innovative lighting solutions

ARCHITHIN SURFACE MOUNT DOWNLIGHTS



slim profile luminaires produce
high lumen transmission and
even illumination

Round or Square Shape in Multiple Sizes, White or Silver Finish

Cast Aluminum Frame that Won't Warp or Yellow

Edge-lit LED Configuration for Low Glare Light Pattern

Snap-Mount Directly to Standard Junction Boxes; Updated Mounting Plate to Facilitate Installation

ENERGY STAR® Certified

Suitable for Use in Closets

Wet Location (Covered Ceiling) Listed



CONTROL OPTIONS

Leviton Control Solutions modernize energy management and increase energy efficiency. Leviton gives you the ability to integrate scalable solutions with a host of different control protocols to keep the entire house connected.



SENSING CONTROLS



DIMMERS



ROOM CONTROLS



INTEGRATED FIXTURE
CONTROLS



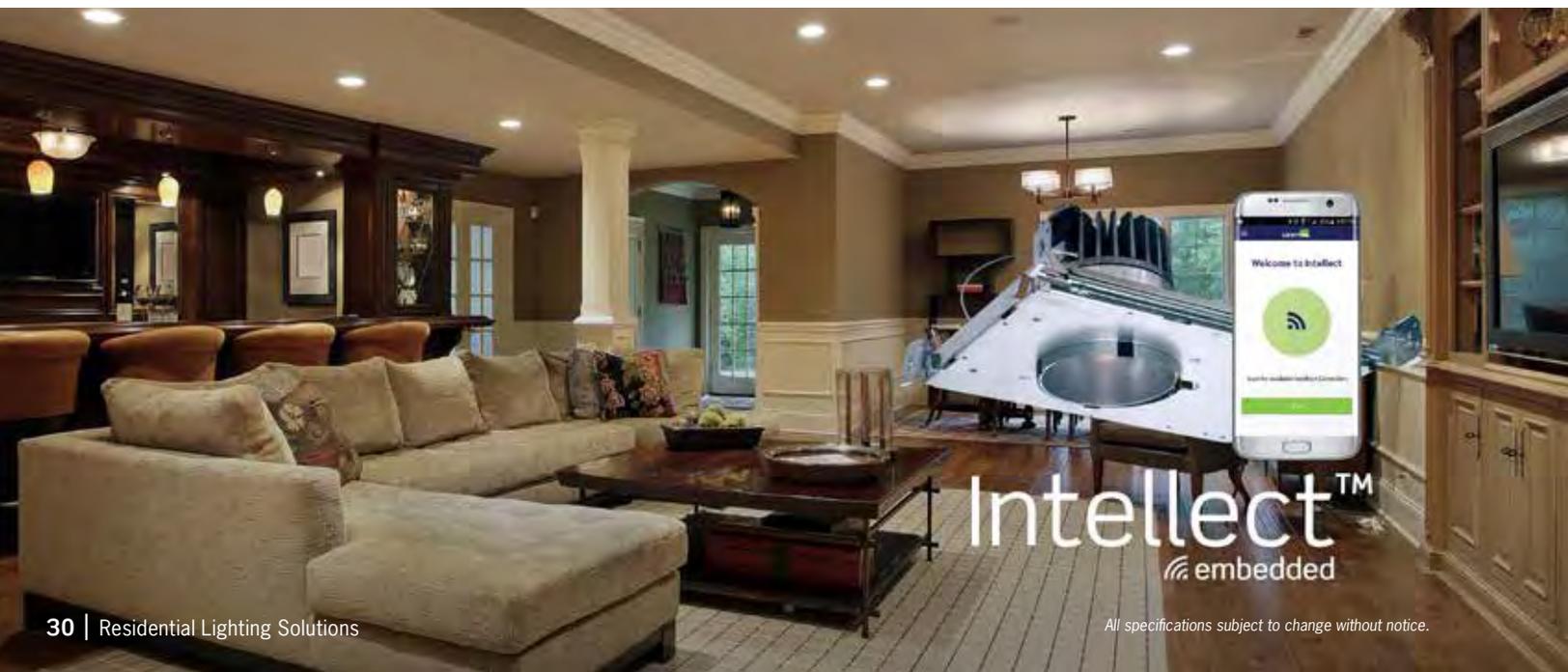
WIRELESS CONTROLS



OUTDOOR CONTROLS

Homeowners are looking for simple ways to reduce energy costs. LED Sources offer great quality, lower energy use and longer life.

Dimming controls give flexibility to the lighting plan, and the ability to lower light levels to conserve energy and increase lamp life.



Intellect™
embedded

ConTech Lighting is your resource for innovative, high-performance and sustainable lighting solutions. Since our founding in 1980, we've been committed to providing the best fixture designs and product engineering available.

INNOVATION

We combine the latest energy efficient technology and design styles to create an extensive range of attractive and sustainable luminaires. We have over 5,000 products, including many high performance products that can't be found anywhere else. Our EcoTechnology solutions offer sustainable energy solutions that meet the qualitative needs of the visual environment with the least impact on the physical environment.



SUSTAINABILITY

At ConTech Lighting, our commitment to the environment is as important as our commitment to innovation, quality and our customers. We believe that lighting can be environmentally responsible and energy efficient, while providing high-quality performance and outstanding aesthetic design. EcoTechnology applies to our daily operation as well as to our products; from materials, manufacturing and transportation to the disposal process for our products and by-products.

QUALITY

We use the best components and manufacturing methods resulting in the highest quality fixtures. From cast housings and high performance reflectors, to the testing of each ballasted fixture before it ships, ConTech Lighting is defined by its quality. For consistency, we use only the most reliable LED chip makers including Cree, Nichia, Lumileds, Bridgelux, Samsung and Xicato.

SERVICE

Our responsive, personalized customer focus and market expertise represents an oasis of outstanding service in an industry that values it, but frequently doesn't receive it. We are here for you, live and in person, Monday through Friday 7:30am – 5:30pm CST. 847.559.5500.

PRODUCT AVAILABILITY AND SPEEDSHIP™

Many of our products are in stock and ready to ship. Our unique SpeedShip™ process takes ordered in stock products and ships them within 48 hours, at no additional cost to you.



MARKET EXPERTISE

Each market has its own unique lighting challenges. Designs can get tricky, having to verify every fixture, test every connector and make certain that every length of track is just right. We have an experienced staff of sales professionals to assist you with your projects from concept to completion.

LIGHTING EXPERIENCE

Lighting is more than just numbers on a spec sheet. Visit one of our facilities near you to experience the power of light to make your space more productive, more aesthetically pleasing, and more energy efficient. Visit our corporate Inspiration Center in Northbrook, Illinois, or one of our Leviton LIVE centers in San Francisco, California, New Orleans, Louisiana, or Chicago, Illinois.





Member of
IALDLIRC

