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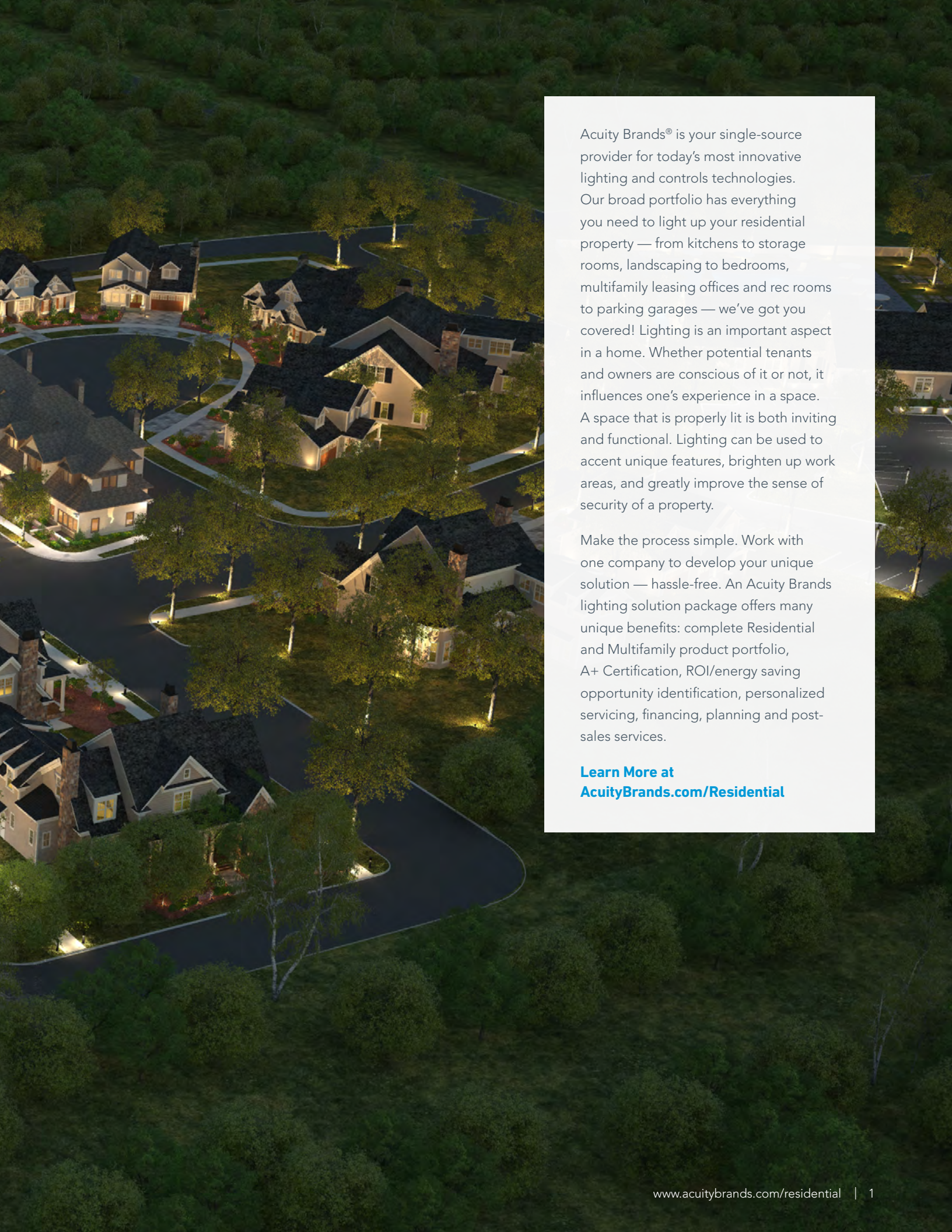
Residential

Solutions Application Guide



Lighting the Way We Live





Acuity Brands® is your single-source provider for today's most innovative lighting and controls technologies. Our broad portfolio has everything you need to light up your residential property — from kitchens to storage rooms, landscaping to bedrooms, multifamily leasing offices and rec rooms to parking garages — we've got you covered! Lighting is an important aspect in a home. Whether potential tenants and owners are conscious of it or not, it influences one's experience in a space. A space that is properly lit is both inviting and functional. Lighting can be used to accent unique features, brighten up work areas, and greatly improve the sense of security of a property.

Make the process simple. Work with one company to develop your unique solution — hassle-free. An Acuity Brands lighting solution package offers many unique benefits: complete Residential and Multifamily product portfolio, A+ Certification, ROI/energy saving opportunity identification, personalized servicing, financing, planning and post-sales services.

Learn More at
[AcuityBrands.com/Residential](https://www.acuitybrands.com/residential)

Single Family Homes

Purchasing a house is a significant decision with various influencers. Make it an easy decision for your potential home buyers. Proper lighting design complements a home's best features and serves to enhance both the aesthetics and functionality of the home.

Quick Tip

Install **bullet spot lights** to accent landscaping features, such as trees in the yard. This adds dimension and interest to the front of the house. Use **bullet flood lights** to light up the house and general landscaping. The bullet flood light has a wider beam range and is used to light broader surfaces, while the spot light should be directed at a specific feature.



**FLUSH MOUNT
FMML**
Lithonia Lighting

**WALL PACK
OLLWU**
Lithonia Lighting

**FLOOD LIGHT
OLBF**
Lithonia Lighting

**STEP LIGHT
LMSW**
Juno Lighting



Click the product to go directly to the Product Webpage

Average Yearly Lighting Wattage Consumption

Traditional - 3,148,125

LED
537,645

83% Savings

■ Wattage ■ Energy Savings

Figures are based on conversion from traditional source lighting to integrated LED luminaires and is calculated using an example of a 3 bedroom / 2 bathroom single family home with the following lighting fixtures – (8) recessed downlights, (12) flush mounts, (2) pendants, (1) linear wrap, (2) vanity lights, (3) outdoor lights and (1) garage light. Calculations based upon \$0.11/kWh utility rate and 3 hours of operation per day.

SPOT LIGHT
OLBS
Lithonia Lighting

Entryways & Foyers

First impressions are key! The foyer or entryway sets the stage for the rest of the home. Mix and match decorative general illumination lighting with strategic accent lighting to highlight the architectural features of the space.

FLEXIBLE LED
LUMINAIRE
SL412
Danalite FlexConnect™

FLUSH MOUNT*
DFMADRL
Lithonia Lighting

VANITY/SCONCE
FMVCL
Lithonia Lighting

FLEXIBLE LED
LUMINAIRE
SL412
Danalite FlexConnect™

Quick Tip

Myth – LED lights do not provide warmer light colors that most residents prefer.

Truth – LEDs can provide warmer color temperatures that residents are accustomed to. Shop for lower color temperatures, between 2700k and 3000k for light with a warmer hue.

Living Rooms

It is important to consider how the space will be used when choosing the lighting strategy for a space as versatile as the living room. Position downlights to direct a beam of light onto high traffic areas and task zones, such as a reading chair, over the coffee table, or over a desk. Avoid installing lights directly above TVs and sofas. Don't forget the dimmer! Dimmers allow you to transform the space to adapt to any occasion. Top it off with a dimmer to create the perfect transforming space that adapts to any occasion.

FLEXIBLE LED
LUMINAIRE
SL412
Danalite FlexConnect™

RECESSED
DOWNLIGHT
TC207L
Aculux

RECESSED
WALL WASH
TC207L
Aculux

Quick Tip

Layers of light are crucial for advanced lighting design. White baffles are diffusive in nature and are ideal for spreading light throughout an open space. On the contrary, black baffles create a deeper shadow pattern, and highlight texture and dimension without being visually intrusive.

Kitchens

The kitchen is often the most highly trafficked area of the house and it is important that the lighting serves its various purposes — from lighting the counter where you chop vegetables, to creating a nice ambience for entertaining, to illuminating the bar where children finish homework.

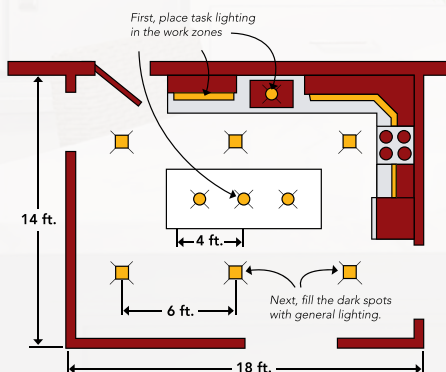
UNDERCABINET
Rayzer
Lithonia Lighting

PENDANT
P47
Juno Lighting

Quick Tip

Downlight Placement Guide

- Step 1 – Place task lighting over work areas.
- Step 2 – Place general illumination throughout the remainder of the kitchen.



Browse all LED pendant options at AcuityBrands.com



DTCL 1005 and
MDPB BZ
Lithonia Lighting



P38 Series 12V
Dolce Pendant
Juno Lighting



DPRG 1011 and
MDPB BNP
Lithonia Lighting



DMCN BZ and
MDPC BZ
Lithonia Lighting



DGNG 1007 and
MDPC BNP
Lithonia Lighting



P95 Series 12V Long
Cone Glass Pendant
Juno Lighting

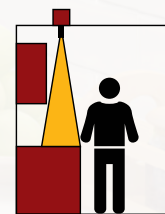
RECESSED
DOWNLIGHT
4BE
Lithonia Lighting

UNDERCABINET
UPS
Juno Lighting

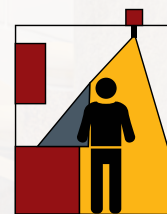
UNDERCABINET
Rayzer
Lithonia Lighting

Quick Tip

Downlights should be installed halfway between the face of the upper cabinets and the edge of the countertop, and centered in front of where cabinet door meet. This will provide bright task lighting on the work surface without creating shadows.



CORRECT



INCORRECT

Hallways & Bathrooms

Hallways – Highly trafficked areas in every home, you should ensure that hallways and stairways have proper lighting. Flush mounts, downlights, linear wraps, and track lighting are all appropriate for hallway applications.

Bathrooms – We know quality illumination is key in bathroom applications. We have designed an LED Vanity collection that delivers high-quality, even illumination so you can see yourself in the best light.

Quick Tip

Install step lights to serve as a soft nightlight...

TRACK
Track12 +
TL114G2
Lithonia Lighting

STEP LIGHT
LMS
Juno Lighting

Quick Tip

Color Rendering Index (CRI) measures the quality of light color. It is important to choose an LED vanity with a high CRI (90 or above) to ensure the color of objects, products and even the way you see yourself in the mirror is most similar to the actual color in natural sunlight.

VANITY
FMVCSL
Lithonia Lighting



Bedrooms & Closets

Traditionally, the décor objective for bedrooms has been to create a calming retreat; however, many bedrooms have inherited many other functions. As bedrooms have evolved into multi-functional spaces, it is important to choose lighting that caters to all needs. Layers of light are essential in creating a versatile bedroom space — soft accent lighting can provide the perfect ambiance for relaxation, an overhead flush mount is perfect to brighten up the entire space evenly, and task lighting provides light for desks and reading chairs.

RECESSED
DOWNLIGHT
MD1LG2
Juno Lighting

SKYLIGHT
RES
Sunoptics



Storage & Garages

Storage and Garage spaces require bright task lighting. Depending on the size of the space, a general illumination fixture such as a durable linear wrap, flush mount, strip light or garage light is ideal for these utility applications. Installing a shoplight directly over work benches will provide bright task lighting and will prevent shadows on the work area.

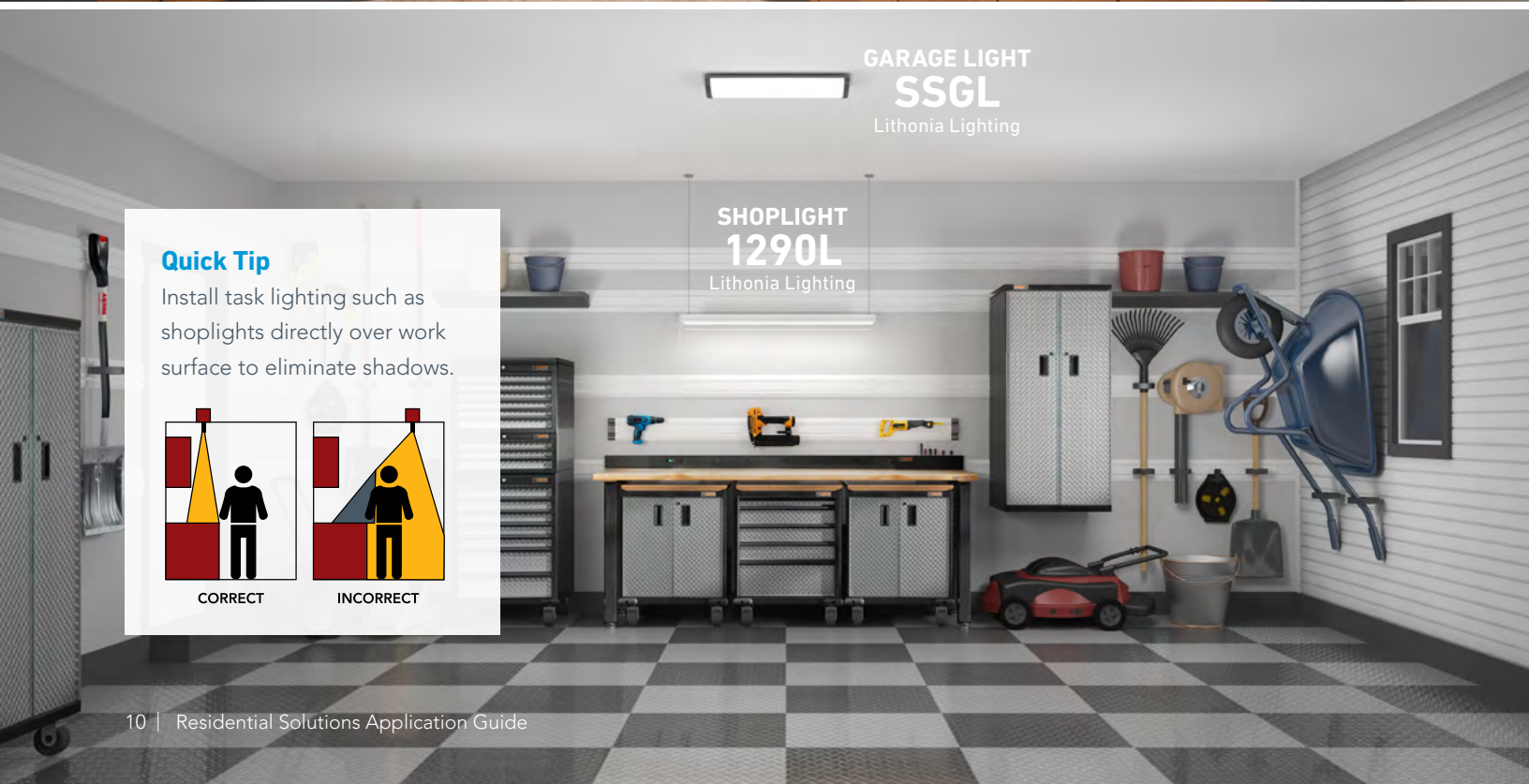


WRAP FMLL
Lithonia Lighting

OCCUPANCY SENSOR WSX
Sensor Switch

Quick Tip

An integrated PIR motion sensor or a WSX occupancy sensor provides hands-free convenience and an average energy savings of 30% by automatically turning the light off when the room is not occupied.

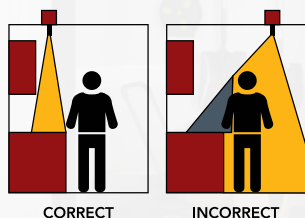


GARAGE LIGHT SSGL
Lithonia Lighting

SHOPLIGHT 1290L
Lithonia Lighting

Quick Tip

Install task lighting such as shoplights directly over work surface to eliminate shadows.



CORRECT

INCORRECT

Home Exterior Perimeter

Extend the functionality of a space beyond of the interior square footage. Outdoor lighting can be used to light up outdoor living spaces, highlight architectural features and enhance the safety and security around a home. Wet location recessed downlights and flush mounts are ideal for covered decks and porches.



RECESSED
DOWNLIGHT
65BE
Lithonia Lighting

SECURITY LIGHT
OFLR
Lithonia Lighting

WALL PACK
OLLWD
Lithonia Lighting

STEP LIGHT
LMSW
Juno Lighting

FLOOD LIGHT
OLBF
Lithonia Lighting

Small Scale Multifamily

We know the multifamily industry is a competitive market. Catching the eye of potential tenants and owners is getting increasingly difficult. New residents are looking for an affordable, clean, conveniently located and safe place to live.

Effective outdoor lighting is key in deterring crime. Effective lighting can make a property more desirable by both highlighting architectural features and providing security lighting around the property to enhance safety.

SECURITY LIGHT
OFLR
Lithonia Lighting

FLOOD LIGHT
OLBF
Lithonia Lighting

Average Yearly Lighting Wattage Consumption: In-Unit Lighting

Traditional - 1,850,550

LED
348,210

81% Savings

Average Yearly Lighting Wattage Consumption: Outdoor and Common Space Lighting

Traditional - 24,510,480

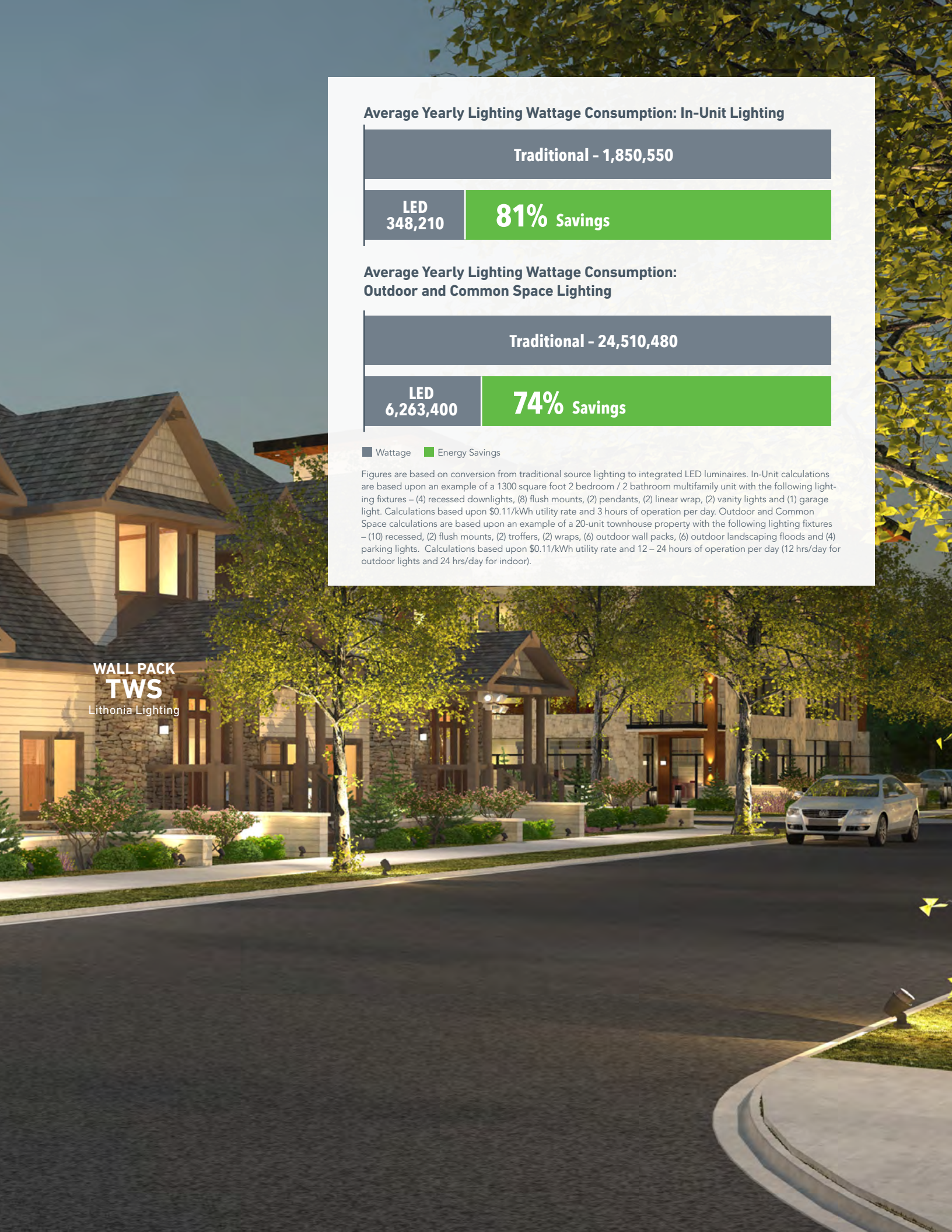
LED
6,263,400

74% Savings

■ Wattage ■ Energy Savings

Figures are based on conversion from traditional source lighting to integrated LED luminaires. In-Unit calculations are based upon an example of a 1300 square foot 2 bedroom / 2 bathroom multifamily unit with the following lighting fixtures – (4) recessed downlights, (8) flush mounts, (2) pendants, (2) linear wrap, (2) vanity lights and (1) garage light. Calculations based upon \$0.11/kWh utility rate and 3 hours of operation per day. Outdoor and Common Space calculations are based upon an example of a 20-unit townhouse property with the following lighting fixtures – (10) recessed, (2) flush mounts, (2) troffers, (2) wraps, (6) outdoor wall packs, (6) outdoor landscaping floods and (4) parking lights. Calculations based upon \$0.11/kWh utility rate and 12 – 24 hours of operation per day (12 hrs/day for outdoor lights and 24 hrs/day for indoor).

WALL PACK
TWS
Lithonia Lighting



Living Spaces

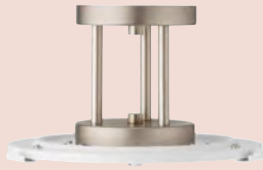
Tenants seeking luxury rental properties expect well-planned design and features throughout the space. Energy efficient downlights throughout the living space provide versatility for furniture placement and personalized décor. Modern, decorative fixtures add a level of sophistication to the space, making it more desirable to tenants and potential owners.



**RECESSED
DOWNLIGHT
65BE**
Lithonia Lighting

**FLUSH MOUNT*
FMABRL**
Lithonia Lighting

*Our LED Hangers can be paired with a variety of LED flush mounts to create unique designs for every space.
View the fixture compatibility chart at AcuityBrands.com



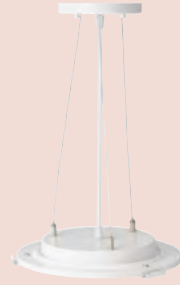
6' 3-Stem Hanger



6' Canopy Hanger



Single Stem Hanger



3-Cable Hanger

FIXED TRACK
LTFSTCYL
Lithonia Lighting

PENDANT
TLPL2
Juno Lighting

UNDERCABINET
UCLD
Lithonia Lighting

Quick Tip

By replacing 10 existing 65-watt incandescent light bulbs with our LED retrofit kits, you will see 82% wattage savings per year for these 10 recessed downlights.

Large Scale Apartment Complex

We understand multifamily property development, and the high risk, high reward nature of the business.

We know your #1 goal is to maximize rental income and minimize expenses. This is achieved by maintaining high occupancy rates and attracting and retaining good tenants. Did you know that lighting is one of the most influential factors in this equation?

The proper lighting allows you to save energy and significantly minimize maintenance while making your property safe, secure and beautiful, ultimately increasing the value and desirability to potential tenants.

Quick Tip

Safety is one of the key decision factors when tenants are apartment shopping.

Lighting is the #1 deterrent of crime.

Unlike other common security measures, lighting serves proactively and helps prevent crime before it happens.

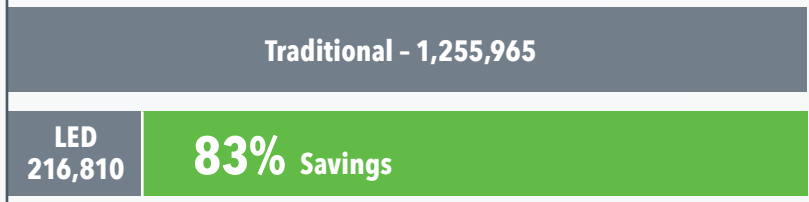
RECESSED
DOWNLIGHT
WF6
Lithonia Lighting

SPOT LIGHT
OLBS
Lithonia Lighting

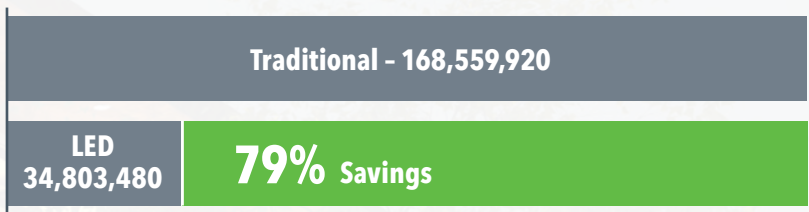
BOLLARD
PL2
Juno Lighting



Average Yearly Lighting Wattage Consumption: In-Unit Lighting



Average Yearly Lighting Wattage Consumption: Outdoor and Common Space Lighting



■ Wattage ■ Energy Savings

Figures are based on conversion from traditional source lighting to integrated LED luminaires. In-Unit calculations are based upon an example of an 800 square foot 1 bedroom / 1 bathroom multifamily unit with the following lighting fixtures – (4) recessed downlights, (6) flush mounts, (1) linear wrap and (1) vanity lights. Outdoor and Common Space calculations are based upon an example of a 100-unit apartment complex with the following lighting fixtures – (210) recessed, (4) flush mounts, (4) troffers, (2) wraps, (20) outdoor wall packs, (20) outdoor landscaping floods and (10) parking lights. Calculations based upon \$0.11/kWh utility rate, 8,760 yearly

WALLPACK
TWS
Lithonia Lighting

WALLPACK
OLLWU
Lithonia Lighting



Lobbies & Common Spaces

Today's multifamily complexes have more and more amenities to attract tenants. These common spaces require specific lighting needs that must meet local commercial codes and regulations. Spaces such as lobbies, business centers, leasing offices and game rooms, prefer more decorative lighting to highlight the architecture and design of the space. Remember, these spaces are often the first impression a potential tenant has of the interior of the building. Many tenants look for a modern, well-maintained, well-lit space that confirms the property's emphasis on effective property management, trendy amenities and security.



EXIT SIGN
LRP
Lithonia Lighting



EMERGENCY LIGHT
ELMLT
Lithonia Lighting

MAKE
TODAY
ridiculously
AMAZING
LMA

FLEXIBLE LED
LUMINAIRE
SL412
Danalite FlexConnect™





STRIP LIGHT
CDS
Lithonia Lighting

EMERGENCY LIGHT
ELMLT
Lithonia Lighting

EXIT SIGN
LRP
Lithonia Lighting

FLEXIBLE LED
LUMINAIRE
SL412
Danalite FlexConnect™



Quick Tip

At the very minimum, our LED fixtures have an expected life of 35 years. That is 12,775 days of guaranteed light and 0 changed light bulbs. Reduced maintenance allows you to employ a lean staff while giving you the confidence that there are no burnt out light bulbs and dark areas on your property.

Meet building code and save money by integrating controls to light smarter.

Building codes often mandate that common spaces be lit 24 hours per day. Large savings can be realized by reducing the total power consumption of lighting by pairing LED fixtures with controls.

Interior Hallways

Safety and security in interior hallways is just as important as outdoors. Well-positioned general illumination eliminates dark shadows and corners, proactively reducing crime. Reliable exit and emergency fixtures guide tenants to safety in conditions where reactive actions are necessary.



RECESSED
DOWNLIGHT
WF6
Lithonia Lighting

EMERGENCY LIGHT
ELM2 LED
Lithonia Lighting

VANITY/SCONCE
FMVCAL
Lithonia Lighting

EXIT SIGN
LHQM LED
Lithonia Lighting

In-unit Living Spaces

The square footage, style, and age of apartment units vary from complex to complex. Regardless of the type of space, proper lighting design can visually enhance the living space, making the apartment more competitive in the market.

RECESSED DOWNLIGHT WF4

Lithonia Lighting

PENDANT MDPB BNP + DMCN BNP

Lithonia Lighting

UNDERCABINET UCEL

Lithonia Lighting

UNDERCABINET Rayzer

Lithonia Lighting

Quick Tip

LED lighting in-unit ensures higher-quality, even illumination. **On average, LED lighting technology can save you 60% in energy costs over traditional lighting** technology. Tenants commonly ask for an estimated monthly utility cost... Be proud to share your efficiencies!

Community Amenities

Community amenities such as pools, playgrounds, tennis courts and clubhouses help set the community apart and attract owners and tenants. Lighting these spaces with LED ensures years of maintenance-free high-quality lighting. Enhance safety and security in the shared community spaces with motion-sensing LED lighting.



**SWIMMING
POOL LIGHT
4426**
Hydrel

**FLOOD LIGHT
OLBF**
Lithonia Lighting



**EXIT SIGN
LHQM LED**
Lithonia Lighting

**WALL PANEL
nLight**
Acuity Controls



**SECURITY LIGHT
OFLR**
Lithonia Lighting

**WALL PACK
OLLWU**
Lithonia Lighting



**RECESSED
DOWNLIGHT
IC104AL**
Juno Lighting

**VANITY/SCNCE
FMVCSL**
Lithonia Lighting

**PENDANT
P61**
Juno Lighting

Parking Lots and Garages

Crime rate is associated with decreasing property values, decreasing neighbor perceptions and increasing resident instability.

The #1 deterrent to crime is lighting.

Security experts have identified that well-lit spaces have lower crime rates while also increasing tenants' community confidence.

PARKING LIGHT
KAX
Lithonia Lighting

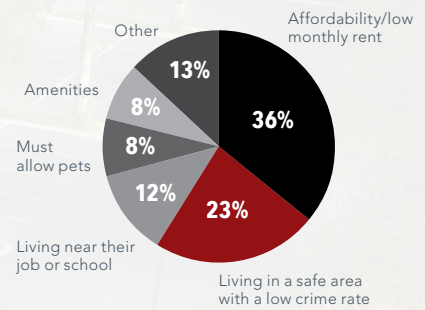
Did you know?

88% of all burglaries are residential¹

53% perceive that apartment complexes have higher crime rates than single family homes²

96% of survey respondents said neighborhood crime rate influences where they choose to live³

Top 5 factors when considering an apartment or rental home⁴



Tenants are willing to pay more in rent to live where they feel secure³

¹Yolanda. "Home Burglary Statistics and Crime Reports for 2016 - Reolink Blog." Reolink. N.p., 17 Aug. 2016. Web. 12 Nov. 2016.

²Williams, Brent. "Apartment Crime Rates – Are You Safe?" Multifamily Blogs. N.p., 17 Feb. 2011. Web. 12 Nov. 2016.

³Apartments.com. "Apartments.com National Survey Reveals Neighborhood Crime Rates May Dictate Where Renters Choose To Live." Apartments.com National Survey Reveals Neighborhood Crime Rates May Dictate Where Renters Choose To. N.p., 27 Oct. 2009. Web. 12 Dec. 2016.

⁴Apartments.com. "Apartments.com National Survey Reveals Neighborhood Crime Rates May Dictate Where Renters Choose To Live." Apartments.com National Survey Reveals Neighborhood Crime Rates May Dictate Where Renters Choose To. N.p., 27 Oct. 2009. Web. 12 Dec. 2016.

**BOLLARD
PL2**
Juno Lighting

Complete your Acuity Brands experience with confidence and more.

A+ Certification for Compatible and Consistent Performance

A+ Certified solutions from Acuity Brands help you quickly and confidently select and implement lighting systems that are both capable and compatible. For lighting professionals, it means ease, freedom and confidence that all parts of a certified lighting system will operate together.



Acuity Brands Services

Acuity Brands offers customer financing and rebate services, so customers can experience the energy and expanded capabilities of LED lighting and remain cash-flow positive in year one. Contact services@acuitybrands.com for more information and a custom financing program for your next renovation project. www.acuitybrands.com/solutions/services

Visit AcuityBrands.com/Residential



Expanding the boundaries of lighting™

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AcuityControls.

ACULUX®

AEL American Electric Lighting

ANTIQUE STREET LAMPS

DISTECH CONTROLS™

eldoLED®

gotham®

HEALTHCARE LIGHTING®

HOLOPHANE®

HYDREL

indy®

Juno®

LITHONIA LIGHTING

MARK ARCHITECTURAL LIGHTING

hLIGHT

Peerless®

ROAM®

sensorswitch

SUNOPTICS®

WINONA®