

WESSEL

LED Lighting Systems

... simply a bright idea



Custom made lighting by design



Welcome to the world of individual lighting solutions

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In the modern world of lighting, individual style is no longer only defined by just the shape, color, material and art of manufacturing, but also by the manner in which light serves as a focal point, an accent, or an integration. We custom manufacture each light according to your specific needs, at an affordable price, and in a timely manner.



The creation of new lighting design ideas is our passion. Whether it is through indirect lighting or stylish fixtures, the latest LED technology enables us to always achieve new and innovative lighting effects, thereby providing you with compact sizes and energy saving fixtures, all while reducing heat output and increasing beauty.

Allow us to assist you in discovering the lighting possibilities for your retail store displays, kitchen and bath designs, living areas, and furniture. All of your lighting needs are carefully crafted by **WESSEL LED Lighting Systems, Inc.**

Each light is custom manufactured in the USA, at our facility in Fort Lauderdale, Florida. Feel free to visit our showroom located at 3864 SW 30th Ave, Fort Lauderdale, Florida 33312. We are open Monday through Friday, 9 AM to 5 PM, EST.



We hope you enjoy our product catalog, and we look forward to providing you with the best quality and service in the LED lighting industry.

We put your furniture into the right light



COMPANY

Wessel Lighting has been producing high quality lighting throughout Europe since 1972. In 2009, Wessel LED Lighting Systems opened a manufacturing facility in Fort Lauderdale that continues the tradition of producing innovative LED lighting with the same commitment to rigid Quality Control Standards.

Wessel LED produces contemporary lighting for kitchens, baths, living spaces, and retail store displays. Since it is an owner-managed company, we are able to provide our customers with the reliability, flexibility, and quality they expect. Our strength has been, and will continue to be, Quality Customer Support, Technical Assistance, and the highest level of Quality Control.

CUSTOMIZATION

We take pride in the level of individualized attention each one of our customers receives...

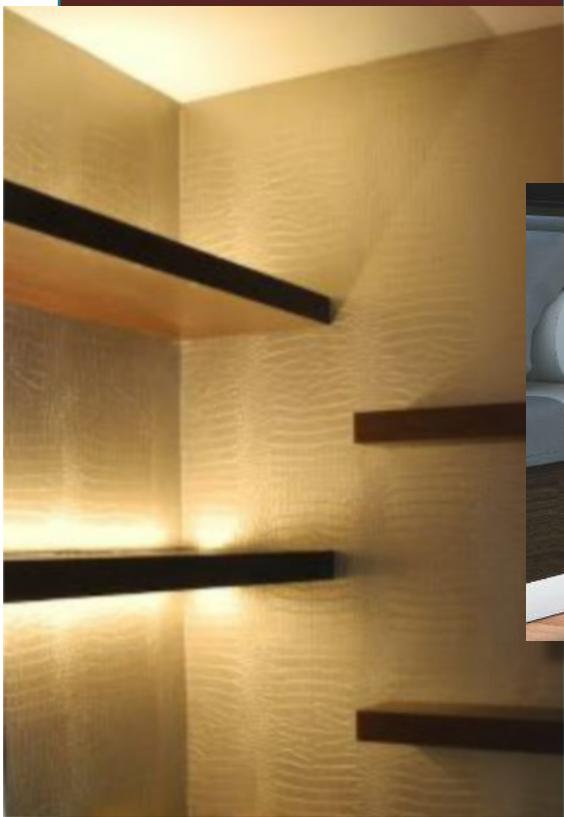
Whether you are buying one light or a thousand, you can be confident that we will work hand-in-hand with you to achieve the desired lighting effect for your application.

PRODUCTION

Our Fort Lauderdale manufacturing facility is licensed and insured, and we are a member of the Better Business Bureau with an A+ rating. We have an on-site shipping and logistics center which enables us to deliver your lighting products to you on time, every time.



Individual design meets effective, flush, integrated light frames. Shape and form are emphasized in a subtle yet exquisite display.



A beautiful effect is created by using recessed lighting in floating shelves.

All of our extrusions can be fitted with the light color of your choice.

Recessed Lighting Applications

Enhance the looks of displays and furniture by adding the right light.

Our versatile recessed extrusions are the number one choice to improve appearance *and* functionality.

Cornice extrusions add a contemporary accent to closed cabinet doors and a glare-free illumination when the doors are open. Often incorporated by designers, these applications are always loved by the client.



Elegant and energy efficient, our recessed aluminum extrusions provide an exquisite look for cornice or baseboard lighting with exceptionally low heat development, and a uniform, pleasant, yet bright light.



Double the LED strips for double the light!

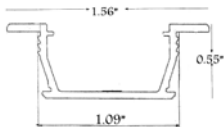
Beautiful recessed, contemporary under cabinet lighting



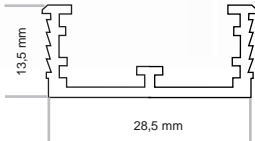
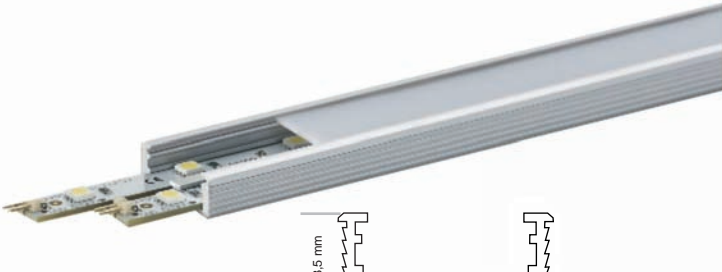
Recessed extrusion added to a baseboard. Available in white, color changing (RGB), red, green, or blue! Your choice! Always custom cut to length.

Recessed Lighting Extrusions

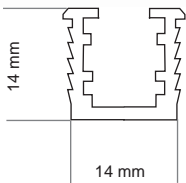
Designed for drywall application



Our recessed lighting extrusions are custom cut to within 1/16 of an inch.



Double your light where you need it with this double recessed extrusion.



This brushed aluminum recessed extrusion may be fitted into most cabinets/ furniture due to its shallow depth.

Aluminum

SKU	30003319
Materials	Extrusion: anodized aluminum, E6 EU1 End Cap: Polystyrene Diffuser: Polystyrene
Colors	Extrusion: silver End Cap: silver 300003393 Diffuser: opaque 30003326 Spring Clip: 30003391
Measurement	1.56" x 0.055" Length: up to max. 8'
Light Color Options	3200K 4500K 6000K
Power Consumption	max. 6 Watts/FT 12VDC
Mounting	Recessed
Length	Up to 13' (8 ft shippable with FedEx or UPS).

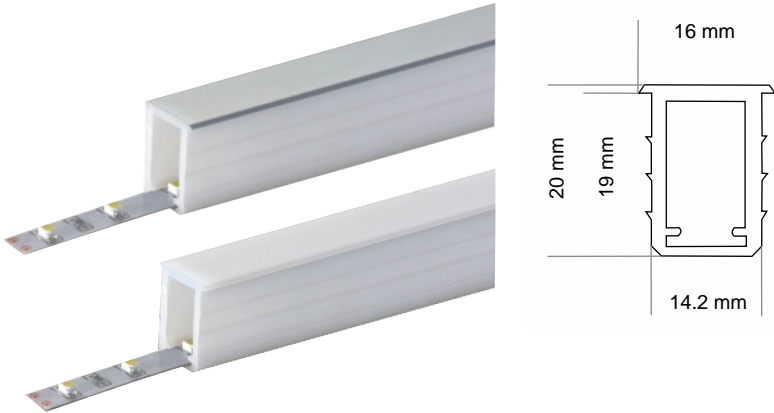
SKU	30002185
Materials	Extrusion: anodized aluminum, E6 EV1 End Cap: Polystyrene Diffuser: Polystyrene
Colors	Extrusion: silver End Cap: silver Diffuser: opaque
Measurement	1.12" x 0.53" Length: up to max. 8'
Light Color Options	3200K 4500K 6000K
Power Consumption	max. 5.76 W/ft (36 LEDs/ft.)
Supplied with	76" power connecting wire / AMP plug

SKU	33309009
Materials	Extrusion: anodized aluminum, E6 EV1 End Cap: Polystyrene Diffuser: Polystyrene
Colors	Extrusion: silver End Cap: silver Diffuser: opaque
Measurement	0.55" x 0.55" Length: up to max. 8'
Light Color Options	3200K 4500K 6000K
Power Consumption	max. 2.88 W/ft (36 LEDs/ft.)
Supplied with	76" power connecting wire / AMP plug

Polystyrene

Recessed Lighting Extrusions

SKU	30001374 - w. silver chromium film 30001609 - opaque
Materials	Extrusion: Polystyrene
Colors	Extrusions: opaque or opaque with translucent chromium film
Measurement	0.63" x 0.79" Recessed width: 0.55" Length: up to max. 8'
Light Color Options	3200K 4500K 6000K
Power Consumption	max. 2.88 W/ft (36 LEDs/ft.)
Supplied with	76" power connecting wire / AMP plug

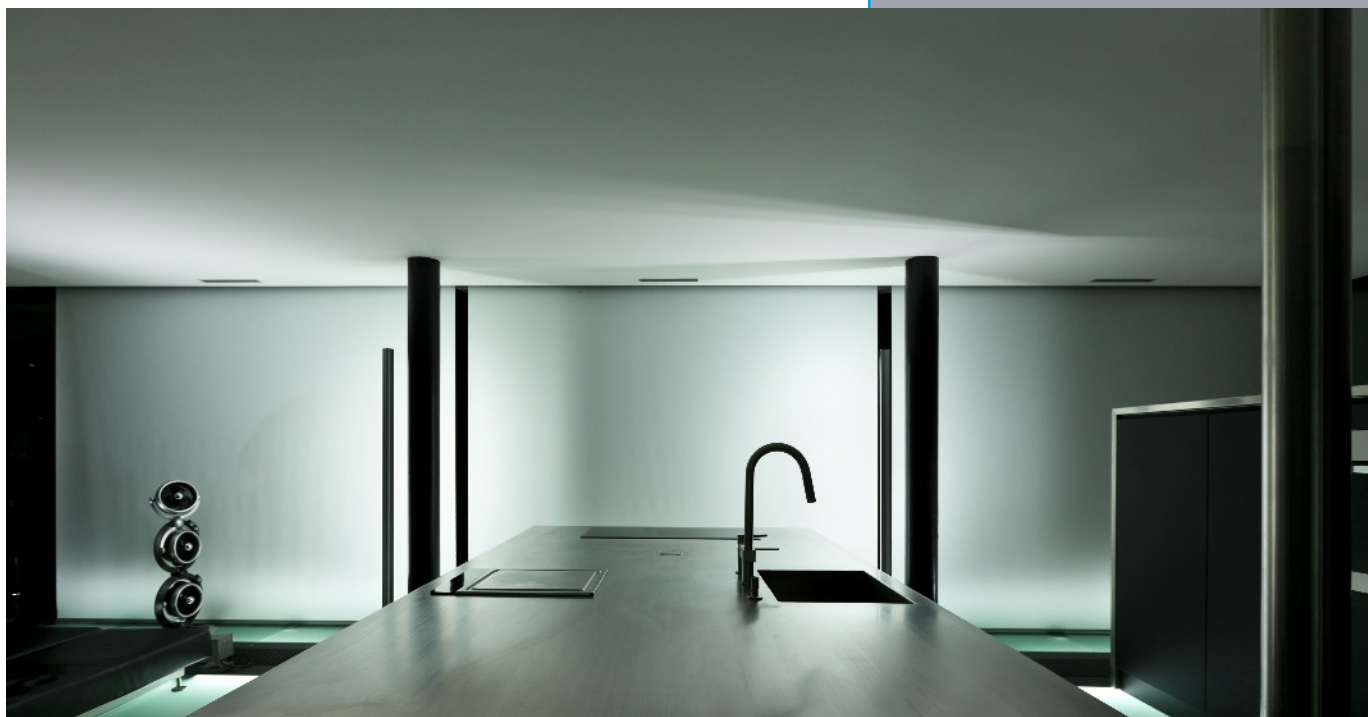


Whether you choose the the opaque or chrome finish, both diffuse light to create a distinctive look.

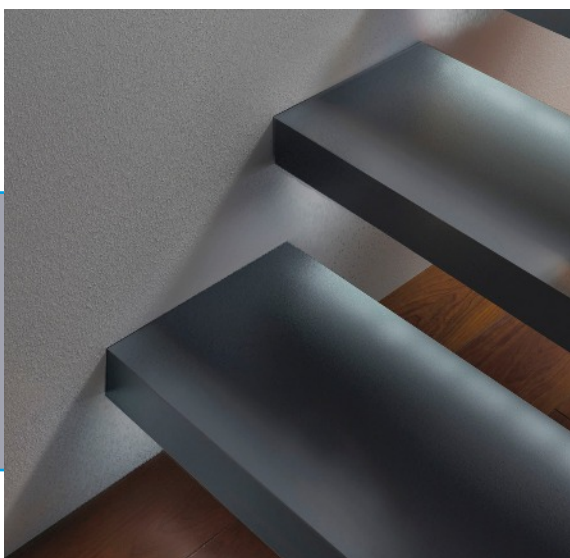
SKU	30001076
Materials	Extrusion: Polystyrene
Colors	Extrusion: opaque
Measurement	0.61" x 0.37" Length: up to max. 8'
Light Color Options	3200K 4500K 6000K
Power Consumption	max. 2.88 W/ft (36 LEDs/ft.)
Supplied with	76" power connecting wire / AMP plug



At just under 11 mm, this extrusion can be recessed almost anywhere.



Accent and décor extrusions elegantly accentuate your furniture by complimenting, not complicating your design. Choose from a diverse selection of lighting options, from drawer lighting to workspace illumination, whatever it takes to make your design stand out.



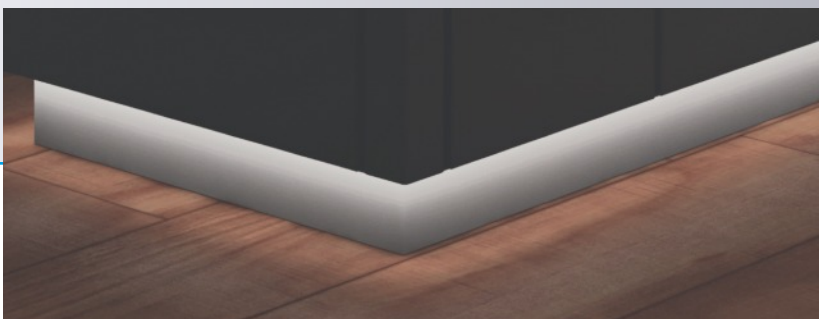
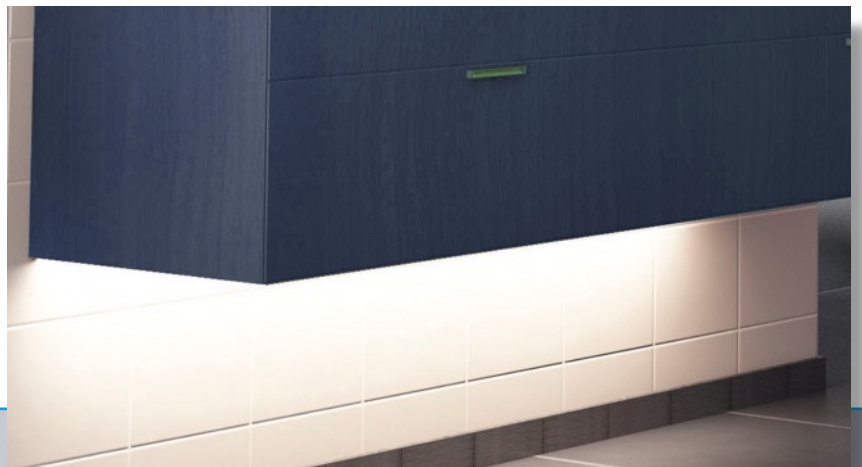
Lighting accentuates the design and increases the ergonomics of functional furniture... let your imagination be the limit!

Accent & Décor Lighting

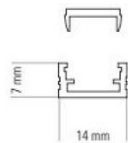


Combine our LEDs with an array of available extrusions to match any style, any material and any surrounding. Our lighting designs not only add character but functionality as well.

Indirect toe-kick lighting gives the island a floating look. Although it's affordable, the right lighting will make your project look like a million dollars!

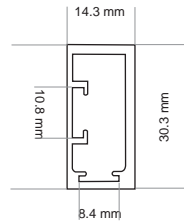
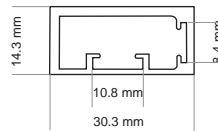


Accent & Décor Extrusions



Extrusion Specs
B/H

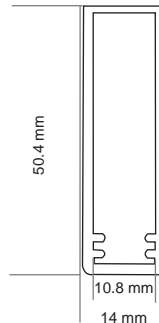
SKU	30002846
Materials	Extrusion: Anodized aluminum, E6/EV1 End Cap: Polystyrene Diffuser: Polystyrene
Colors	Extrusion: Silver End Cap: Gray Diffuser: Opal/Opaque
Measurement	0.55" x 0.28" Length: up to max. 8'
Light Color Options	32000K 4500K 6000K
Power Consumption	max. 4.5 W/ft / 12 VDC input
Mounting	Surface, metal clips and screws
Supplied with	76" power connecting wire / AMP plug



SKU 30001195

SKU	30001194
Materials	Extrusion: Polystyrene End Cap: Polystyrene
Colors	Extrusion: opaque End Cap: silver
Measurement	0.56" x 1.2" Length: up to max. 8'
Light Color Options	3200K 4500K 6000K
Power Consumption	max. 5.76 W/ft (36 LEDs/ft.)
Mounting	"Sandwiched" between elements or double-sided tape
Supplied with	76" power connecting wire / AMP plug

A versatile extrusion since the LED strip lighting can be mounted on either of two sides.



SKU 30001156



Miter connector for 45° angle
SKU 30001427

SKU	30001040
Materials	Extrusion: Polystyrene End Cap: Polystyrene
Colors	Extrusion: opaque End Cap: silver
Measurement	0.55" x 2.00" Length: up to max. 8'
Light Color Options	3200K 4500K 6000K RGB
Power Consumption	max. 2.88 W/ft (36 LEDs/ft.)
Mounting	"Sandwiched" between elements or Double-sided tape
Supplied with	76" power connecting wire / AMP plug

Transform an attractive cabinet/ countertop combination into a beautiful one by installing this extrusion on top of the base cabinets and under the countertop! Looks great as a divider between cabinets as well.

Dimmable!

Think about the possibilities...

Accent & Décor Extrusions

Just the thing for toe-kick lighting! Protects the LEDs in a thin housing.

SKU	30001558
Materials	Extrusion: Polystyrene
Colors	Extrusion: clear or opaque
Measuremen	0.49" x 0.31" Length: up to max. 8'
Light Color Options	3200K 4500K 6000K
Power Consumption	max. 2.88 W/ft (36 LEDs/ft.)
Mounting	double-sided tape
Supplied with	76" power connecting wire / AMP plug



SKU	30000721
Materials	Extrusion: Polystyrene End Cap: Polystyrene
Colors	Extrusion: opaque or clear End Cap: white or silver
Measurement	0.55" x 0.55" (13.8mm x 13.8mm) Length: up to max. 8'
Light Color Options	3200K 4500K 6000K
Power Consumption	Max. 2.88 W/ft (36 LEDs/ft.)
Mounting	Surface mount with double-sided tape and screw-on option with end caps
Supplied with	76" power connecting wire / AMP plug

Choose a brighter, more direct light or diffuse it according to your individual needs.



SKU 30000313



SKU 30000598



SKU 30001861

SKU	30001718
Materials	Extrusion: Polystyrene End Cap: Polystyrene
Colors	Extrusion: opaque End Cap: white
Measurement	0.4" x 0.4" (10mm x 10mm) Length: up to max. 8'
Light Color Options	3200K 4500K 6000K
Power Consumption	Max. 2.88 W/ft (36 LEDs/ft.)
Mounting	Surface mount with double-sided tape
Supplied with	76" power connecting wire / AMP plug



Accent & Décor Lighting

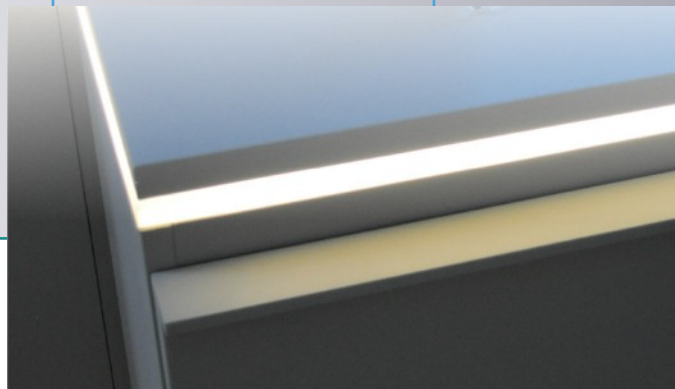
Our experienced design staff will assist you in achieving the look that is perfect for your project. Whether it is retail display, home decor, or direct or indirect ambient lighting, we certainly have a product to meet your needs. We love a challenge!



Ambient, yet functional LED lighting. Dimmable design capability allows a variety of light levels, remotely, or with a touch switch.

Modern lighting combined with intelligent LED technology, made in the USA.

This beautiful ambient lighting effect is created by using our deep decor extrusion



Accent & Décor Extrusions



SKU 30000855



SKU 30000965

SKU	Silver: 30000853 Clear: 30000964
Materials	Extrusion: Polystyrene End Cap: Polystyrene
Colors	Extrusion: silver or clear End Cap: silver or clear
Measurement	0.55" x 0.27" (13.8mm x 13.8mm) Length: up to max. 8'
Light Color Options	3200K 4500K 6000K
Power Consumption	2.88 W/ft (36 LEDs/ft.)
Mounting	Surface mount with double-sided tape
Supplied with	76" power connecting wire / AMP plug

At only 7 mm thick, this extrusion works great when you don't have a lot of room.



Ideal for toe-kick and cove lighting!

The illumination of glass - for display cases or cabinets with glass shelving - requires a precision manufacturing technique.

Wessel LED Lighting Systems has been an innovator in this process.

Illuminating Transparency



Accentuate the transparency of a glass bottom or objects on top of a glass surface with our glass extrusions.



We create skillfully designed beautiful glass shelf lighting in a variety of colors. It's our speciality!

This effective lighting accent is achieved by using individual LED glass edge extrusions for each shelf. It's suitable for new, or existing glass shelves.

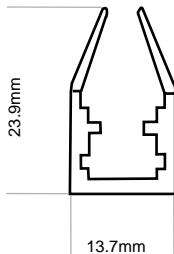
Glass Edge Extrusions

Transform glass cabinets and glass shelves into brilliantly staged lighting objects with an irresistible attraction.

Our glass shelf extrusions transmit LED light through the glass itself, reflecting off of either the frosted edges, or if the entire shelf is frosted, then the whole shelf is illuminated in the color of your choice.

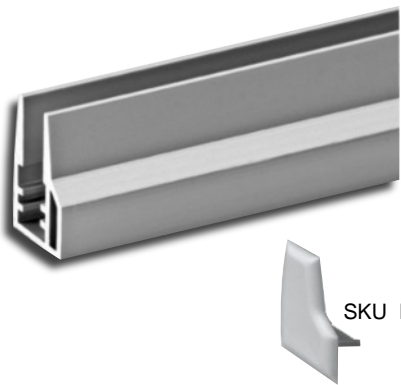


SKU 30000598

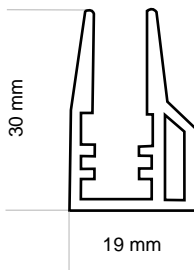


Accepts glass from 1/8" up to 3/8" thick. It simply slides over the glass to create a beautiful shelf. Can be fitted with white or RGB LEDs. Great for existing glass shelves or cabinets.

SKU	30000595
Materials	Extrusion: Polystyrene End Cap: Polystyrene
Colors	Extrusion: silver, opaque chrome, opaque End Cap: silver
Measurement	0.55" x 0.94" Length: up to max. 8'
Light Color Options	3200K 4500K 6000K
Power Consumption	max. 1.44 W/ft (18 LEDs/ft.)
Mounting	Slides onto back of glass
Supplied with	76" power connecting wire / AMP plug



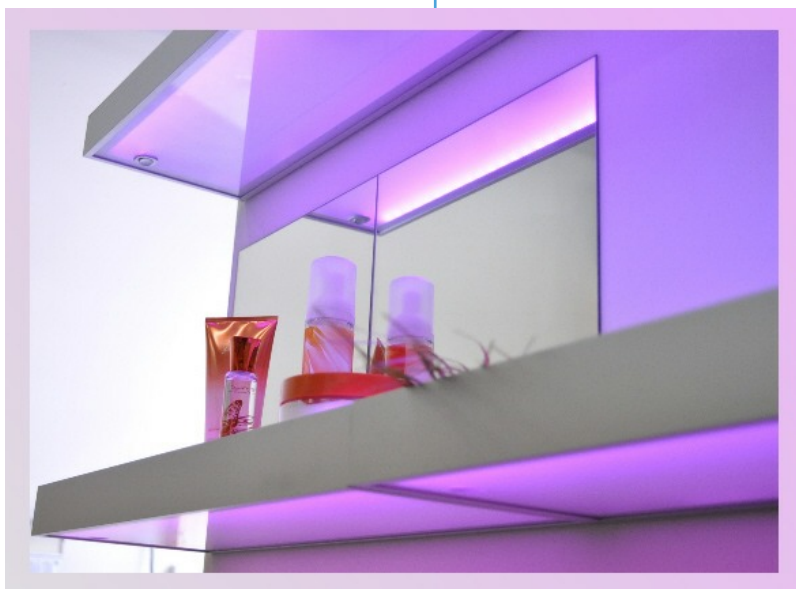
SKU R: 30001082
L: 30001661



Accepts only 5/16" thick glass and can be fitted with white or RGB LEDs.

SKU	30000781
Materials	Extrusion: anodized aluminum, E6/EV1 End Cap: Polystyrene
Colors	Extrusion: silver End Cap: silver
Measurement	0.75" x 1.2" Length: up to max. 8'
Light Color Options	3200K 4500K 6000K
Power Consumption	max. 2.88 W/ft (36 LEDs/ft.)
Mounting	Slides onto back of glass
Supplied with	76" power connecting wire / AMP plug

LED Lighted Glass Shelves



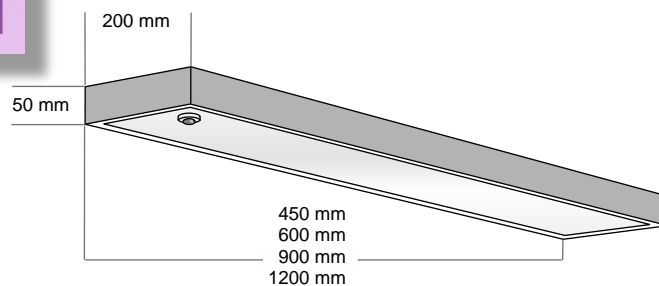
SKU 20000734 - 18"
20000735 - 24"
20000736 - 36"
20000737 - 48"

Available sizes 18" x 8" x 2"
24" x 8" x 2"
36" x 8" x 2"
48" x 8" x 2"

Our 'Linea Classic' line of LED lighted glass shelving houses two frosted pieces of glass on top and bottom in one fixture.

The brushed aluminum frame which houses the glass shelf adds a distinctive look.

Note: Maximum load capacity for shelves
'Linea Classic': 5 lbs per 4"



While the standard version comes with 18 white LEDs per foot, we are able to fit this shelf with any LED of your choice including color changing RGB lighting, with remote.



LED Lighted Glass Shelves

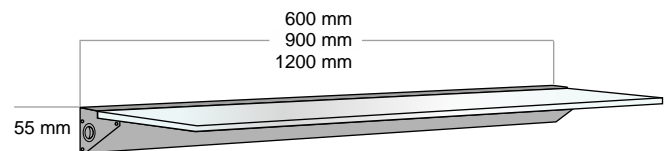


LED glass edge lighting is the secret of how we lighten the 'Futura' line of glass shelves.

Using a sturdy, frosted 5/16" piece of glass which inserts into the wall mount, the LEDs light up the whole frosted shelf and bring it to an ambient glow.

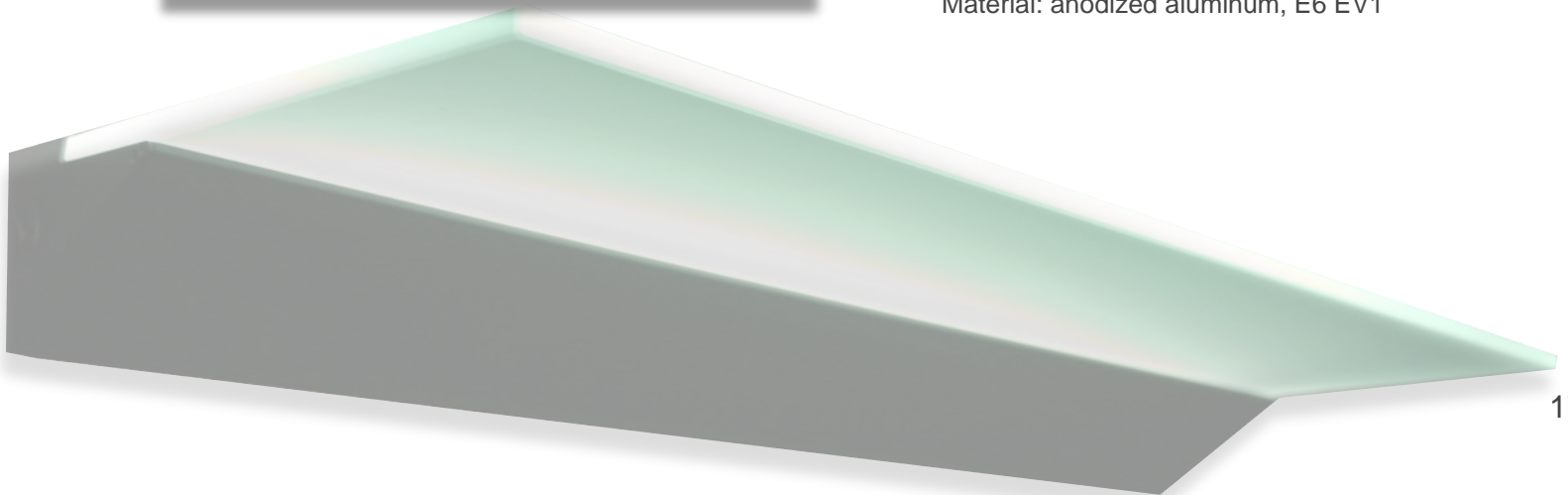
Note: Maximum load capacity for shelves 'Futura': 5 lbs per 4"

SKU 20000891 - 24"
20000892 - 36"
20000893 - 48"
Available sizes 24" x 8" x 2"
36" x 8" x 2"
48" x 8" x 2"
Glass: 5/16"



The power consumption for a 24" unit is just 2.9W

Finish: silver with frosted glass
Material: anodized aluminum, E6 EV1



wessel

Custom **LED** lighting

Functional Lighting In Compact Design

Surface-mounted Lighting Fixtures

Custom made fixtures with special lighting requirements are standard for us. We take pride in creating an extremely bright and uniform surface illumination for jewelry display cases, kitchen and bathrooms, showrooms, etc.

Creating an impressive, brilliant light for applications like this with LED lighting, has only recently been possible due to technological advancements.

Imagine the lighting in your retail displays being designed to your specifications...

Our multi-purpose, sleek surface-mounted lighting fixtures work well in stores, offices, kitchens, bathrooms - in any space you choose!



Illuminate your product label, bar code or whatever you desire with this scanner rail which simply adheres to your existing shelf with double sided tape (included). Changing your label is effortless as the cover easily snaps off and on.

Surface Mounted Lighting Fixtures



The fixture shown here has been chosen by designers for a wide variety of applications:

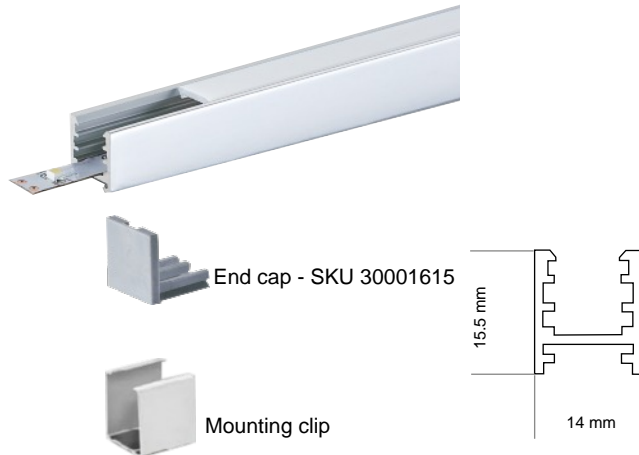
kitchen cabinet lighting, headboard lighting, and accent lighting just to name a few. Its brushed aluminum finish compliments almost any design.

You are no longer limited to directing your light only up or down. Our angled fixture allows you to light from the location you desire at a 45° angle, evenly illuminating cabinets, nightstands, shelving, etc.



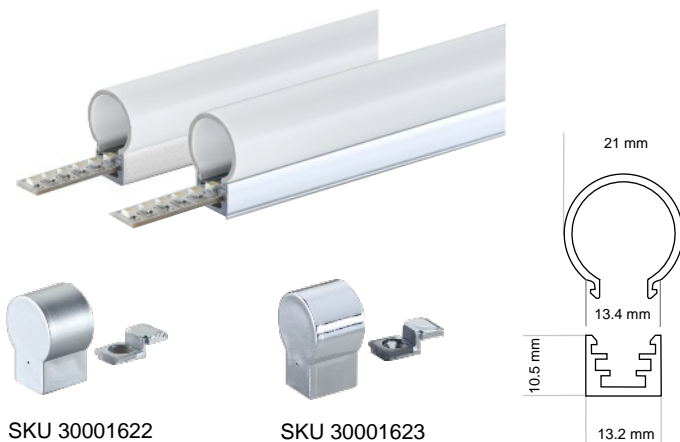
Double the brightness with this LED fixture. Ideal for under cabinet or workspace lighting, the polystyrene diffuser places the optimum amount of light where you want it, without dots or spots.

Surface Mounted Extrusions



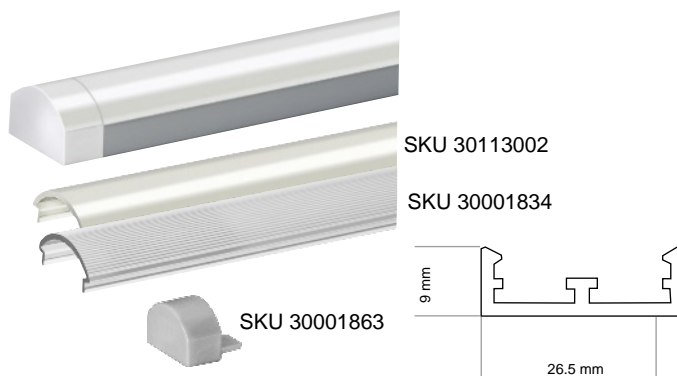
A favorite among kitchen designers. No need for a light rail... the light becomes part of the cabinet and kitchen.

SKU	30001487
Materials	Extrusion: anodized aluminum E6/EV1 End Cap: Polystyrene Diffuser: Polystyrene
Colors	Extrusion: silver End Cap: silver Diffuser: opaque or clear
Measurement	0.55" x 0.61" Length: up to max. 8'
CRI	78 with clear lens and 6000K
Light Color Options	3200K 4500K 6000K
Power Consumption	max. 2.88 W/ft (36 LEDs/ft.)
Mounting	Surface-mount with silver colored metal clips
Supplied with	76" power connecting wire / AMP plug
Switching	With or without built-in touch switch with blue colored control light



Just the thing for the sides of a bathroom mirror or dressing table - always custom made to your specifications.

SKU	30001620 - silver 30001621 - chrome
Materials	Extrusion: Polystyrene End Cap: Polystyrene Diffuser: Polystyrene
Colors	Extrusion: silver or chrome End Cap: silver or chrome Diffuser: opaque
Measurement	0.83" x 1.15" Length: up to max. 8'
Light Color Options	3200K 4500K 6000K
Power Consumption	max. 2.88 W/ft (36 LEDs/ft.)
Mounting	Surface-mount w. Double-sided tape
Supplied with	76" power connecting wire / AMP plug



When you require a lot of light in a small space... double the LED strips! You can achieve a bright, even look.

SKU	30001777
Materials	Extrusion: anodized aluminum E6/EV1 End Cap: Polystyrene Diffuser: Polystyrene
Colors	Extrusion: silver End Cap: silver Diffuser: opaque or clear
Measurement	1.05" x 0.69" Length: up to max. 8'
Light Color Options	3200K 4500K 6000K
Power Consumption	max. 5.76 W/ft (36 LEDs/ft.)
Mounting	Surface-mount
Supplied with	76" power connecting wire / AMP plug

See pages 11 & 13 for more surface mount extrusions

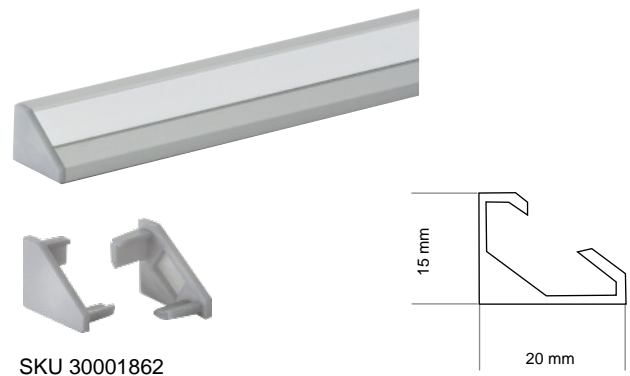
Surface Mounted Extrusions

SKU	30001547 silver 30001577 chrome
Materials	Extrusion: Aluminum End Cap: Polystyrene Diffuser: Polystyrene
Colors	Extrusion: silver or chrome End Cap: silver or chrome Diffuser: opaque or clear
Measurement	0.59 x 0.49 Length: up to max. 8'
Light Color Options	3200K 4500K 6000K
Power Consumption	18 LED/ft: max. 1.44 W/ft 36 LED/ft: max. 2.88 W/ft Semi power LED(18 LED/ft): max. 4.32 W/ft
Mounting	Surface-mount w. incl. spring clips
Supplied with	76" power connecting wire / AMP plug



In brushed nickel or chrome, this extrusion provides plenty of light in a small space. Easily fitted with high intensity LEDs and your choice of diffuser, it is sure to meet your lighting Needs.

SKU	30001807
Materials	Extrusion: anodized aluminum, E6 EV1 End Cap: Polystyrene Diffuser: Polystyrene
Colors	Extrusion: silver End Cap: silver Diffuser: opaque
Measurement	0.78" x 0.60" Length: up to max. 8'
Light Color Options	3200K 4500K 6000K
Power Consumption	max. 2.88 W/ft (36 LEDs/ft.)
Mounting	Surface-mount w. double-sided tape
Supplied with	76" power connecting wire / AMP plug



With its 45 degree angle the uses for this extrusion are limitless. Can be mounted with double sided or magnetic tape.

SKU	30001988
Materials	Polystyrene
Color	Opaque w. clear cover
Measurement	1.25" x 1.15"
Light Color Options	3200K 4500K 6000K
Power Consumption	2.88 W/ft (36 LEDs/ft.)
Mounting	Surface-mount w. double-sided tape
Supplied with	76" power connecting wire / AMP plug



No better way to catch your customer's eye. Perfect for retail store displays

LED Lighted Closet Rod

Modern Lighting Accents



Everyone who has ever tried to tell the difference between dark blue and black clothes will appreciate these illuminated closet rods.

Unlike other illuminated closet rods which shine into your eyes as you look into the closet, the beam of our closet rod shines from the bottom of the rod at a 10° angle, away from your eyes.

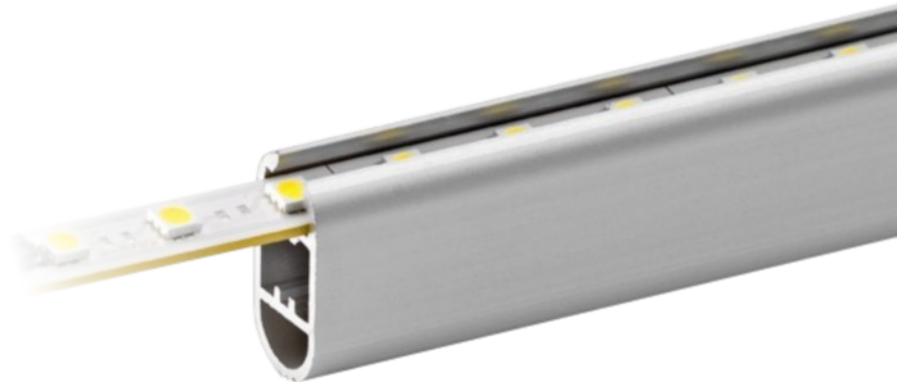
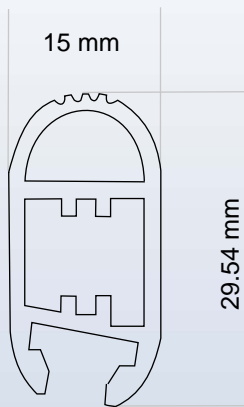
You may safely load 100 lbs on a 42" rod. Longer spans may be made with our optional center support. Does your application call for the wire to feed from the rear? the left?, the right? No problem! Simply let us know.

Combine this with our door or drawer switch to have your closet rods automatically light up when you open your closet doors!



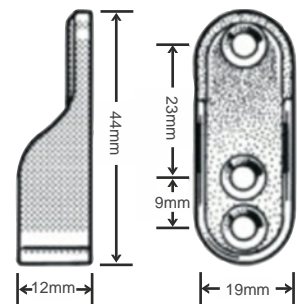
No more taking clothes out of the closet and into the light to see what color they are...

LED Lighted Closet Rod

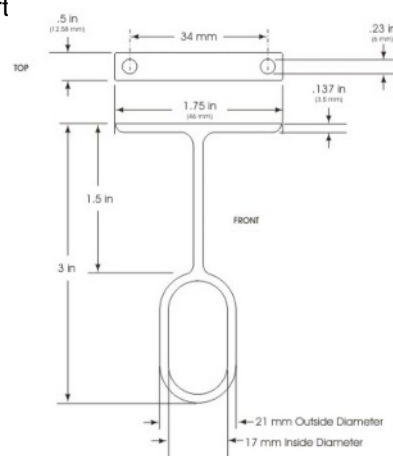


SKU	20001081
Materials	Extrusion: anodized aluminum, E6/EV1 Side mount: metal
Colors	Extrusion: silver Side mount: silver
Measurement	06" x 1.2" Length: up to max. 8'
Light Color Options	3200K 4500K 6000K
Power Consumption	max. 2.88 W/ft (36 LEDs/ft.)
Mounting	side mount
Supplied with	76" power connecting wire / AMP plug
Center load capacity	Load - 100 lbs every 42" Rods longer than 42" require a center support bracket (see below)

Side mounts



Center support

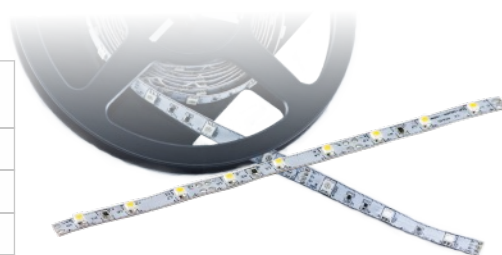


Our flexible and rigid LED strips are made of SMDs (surface mounted diodes) with over 20 different versions available. As always, we customize LED strips for your application. We sell complete reels or custom lengths with or without attached wires and connectors. Let us know your needs and we will accommodate you! All white colored Wessel LED strip lighting is UL listed and has met our rigid research and development standards. You simply can't buy a better LED!



Regular LED

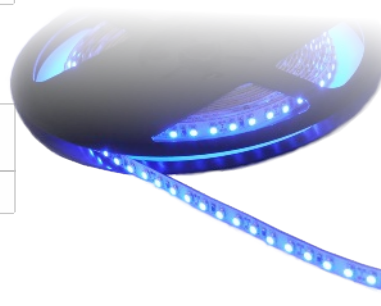
SKU	Length feet / M	Width inch / mm	LED/ft	Light Color (K)	Connection V/DC AMP	Watt/ft
30001579	16.4 / 5	0.32 / 8.2	9	3200-3500K	12 0.06	0.72
30001643	16.4 / 5	0.32 / 8.2	9	4000-4500K	12 0.06	0.72
30001580	16.4 / 5	0.32 / 8.2	9	5800-6500K	12 0.06	0.72
30001597	16.4 / 5	0.32 / 8.2	18	3200-3500K	12 0.12	1.44
30001581	16.4 / 5	0.32 / 8.2	18	4000-4500K	12 0.12	1.44
30001419	16.4 / 5	0.32 / 8.2	18	5800-6500K	12 0.12	1.44
30001420	16.4 / 5	0.32 / 8.2	36	3200-3500K	12 0.24	2.88
30001343	16.4 / 5	0.32 / 8.2	36	4000-4500K	12 0.24	2.88
30001538	16.4 / 5	0.32 / 8.2	36	5800-6500K	12 0.24	2.88



We use high quality, time tested LED components to ensure long duration, trouble free operation of our LED lighting systems.

BLUE LED

SKU	Length feet / M	Width inch / mm	LED/ft	Light Color (K)	Connection V/DC AMP	Watt/ft
30001780	16.4 / 5	0.32 / 8.2	18	blue	12 0.12	1.44



RGB LED

SKU	Length feet / M	Width inch / mm	LED/ft	Light Color (K)	Connection V/DC AMP	Watt/ft
30001591	16.4 / 5	0.39 / 10	9	RGB	12 0.18	2.16
30001592	16.4 / 5	0.39 / 10	18	RGB	12 0.36	4.32



5050 SMD HIGH INTENSE

SKU	Length feet / M	Width inch / mm	LED/ft	Light Color (K)	Connection V/DC AMP	Watt/ft
30001594	16.4 / 5	0.39 / 10	18	3200-3500	12 0.36	4.32
30001642	16.4 / 5	0.39 / 10	18	5800-6200	12 0.36	4.32

Show us your project and we will pair it with the right LED strip lighting.

Rigid LED

SKU	Length pcs inch / mm	Width inch / mm	LED/pcs	Light Color (K)	Connection V/DC AMP	Watt/ft
20001161	15.35 / 390	0.41 / 10.5	66	4000	12 0.45	4.1
30001642	15.35 / 390	0.41 / 10.5	66	6000	12 0.45	4.1



LED Connectors

for flexible and rigid LED strips



AMP Connection Wires

SKU 90000466
78.74" AMP connecting wire
black/ red w. AMP plug
grey/ white w. AMP plug

SKU 90000467
156" AMP connecting wire
black/white w. AMP plug



AMP Extension Wire

SKU 30001632
78.74" AMP extension wire
black/ red w. AMP plug and
AMP coupling



6-fold AMP Connector
SKU 20000835



Extension Wire with Mini Coupling

SKU 30000591
78.74" extension wire
black/ red w. mini plug/ mini coupling



Connection Wire Mini Plug

SKU 30001185
78.74" connection wire
black/ red w. mini plug



6-fold Mini Coupling Connector
SKU 30001690



For color changing (RGB) LED strips

RGB Connection Wire

SKU 30201022
70.87" connecting wire
black w. RJ45 plug

LED Color Control Driver & Dimmer

Our lighting controllers are capable of an array of various settings to supply the desired color changing LED lighting effects.



Master Color Controller:
SKU 30002036



Remote Control:
SKU 30001946

Slave Controller:
SKU 30001394

Remote color controller for RGB (color changing) LEDs with 8 different settings (modes), max. 60W/12 VDC

In the event an application requires more than 60 W, don't worry, we can accommodate your needs with the use of additional "slave" controllers, so that all of the lights are controlled by one remote.

RGB Controller with remote control

7 constant colors with an "auto" option that changes the light color from one color to the next every 90 seconds.



SKU 30001899



SKU 30001970

LED touch dimmer

Touch switch with dimming function. Operates connected LED fixtures up to maximum 30 W/12 VDC,

We here at Wessel LED have affectionately nicknamed this the "Jedi Switch". It can be mounted inside a cabinet, under a countertop, etc. Simply wave your hand over the switches hidden location and turn your lights on, then dim them, brighten them, or turn them off.

LED Color Control Driver & Dimmer



SKU 20000917

Wireless wall dimmer switch

Dimmer switch with dimming function to operate LED fixtures up to max. 96 W/12 VDC.

Recessed mounting
Battery powered



SKU 20000916

LED dimmer with remote control

12V LED dimmer with on-off function, 8A / 96W
A convenient and economical way to control the light level of your LED lighting



SKU 20000918

Multi zone wireless remote

This wireless remote can control up to 4 different zones in the same area. For instance, have your toe-kick lighting on one channel, your under cabinet on another, puck lighting on a third, and your cove lighting on yet another. All four channels operate independently from one another so each can be dimmed, brightened, or turned on/off individually.

12/24 V/DC, multi-zone up to 4 zones
Set (remote control and receiver):

additional receiver:
Item No.: 20000919

LED Switching



LED door switch

Door switch for LED lighting. Non-contact switch on/ off. Switches rigid and flexible PCBs up to max. 30 W/ 12 VDC. Can either be surface mounted using included screws or recessed into a 13 mm hole. Activates when a door or drawer etc. is moved and turns off the light when drawer or door is shut.



Motion sensor switch

Touch free switch that activates light when a hand or object passes within 6" of the switches 10 degree beam. Switches rigid and flexible PCBs up to max. 30 W/ 12 VDC. Can be attached by screws (incl.) or recessed (d= 13 mm).

Perfect for hospitals and food service industry.



LED motion sensor

Motion activated switch (max. distance 4'- 6' from switch). Automatically switches off after 45 sec. Switches rigid and flexible PCBs up to max 30 W/ 12 V/DC. Can be attached by screws (incl.), or recessed (d=13 mm)

A popular safety and night light

Built-in LED Switches

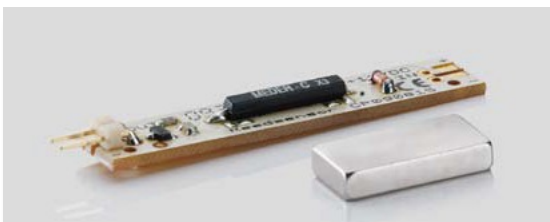
No need to have a separate switch for your LED light. Easy to find in the dark too!



Blue touch switch

Soft on/ off switch by direct touch of the blue LED sensor on the extrusion. Switches rigid and flexible PCB up to max. 25 W/ 12 VDC

SKU 30001526



Magnetic switch

Magnet activated on/off switch (operational distance 3/4" - 1"). Switches rigid and flexible PCB up to max. 25 W/ 12 VDC.

SKU 30001232

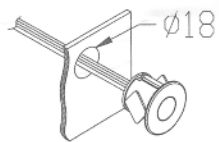
Just the thing for drawers and cabinets! Mounted in the extrusion, this switch turns on your light as soon as it breaks contact with the tiny magnet mounted on your drawer or door. Shuts off when the drawer or door closes.

LED Switching

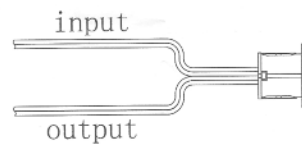
Touch Dimmer Switch

This small dimmer switch is activated by the touch of your fingertip. Simply tap the sensor, to turn your LED light on or off. Touch and hold the sensor for a second to dim the light up or down.

Working voltage	12VDC
Maximum load	24W
Working temperature	-4° to 113°
Adjustment method	Voltage control



5/8" dia. x 5/8" deep

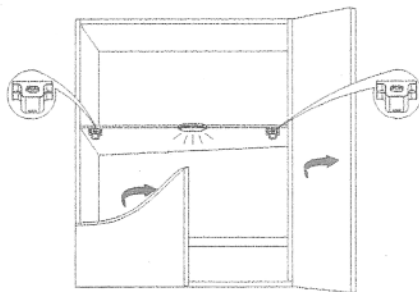


SKU 30002680

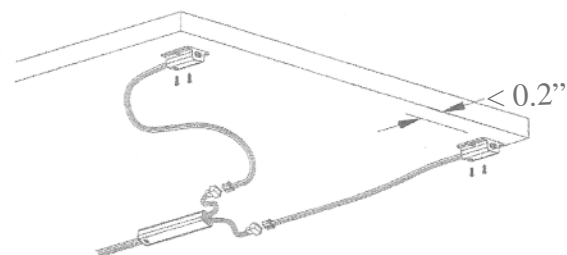
Double Door Sensor Switch

A fabulous idea to switch cabinet or closet lights! As either door is opened, the sensor will switch on the light. Only when both doors are closed, the light will turn off.

Working voltage	12VDC	24VDC
Maximum load	24W	48W
Effective range	< 4 inch	< 4 inch



SKU 30002682





LED Power Supply

We don't carry sub standard transformers, and you shouldn't buy them. All our LED power supply units are heat, short circuit, overload protected and UL listed.



12 V LED Power Supply Units (non-dimmable)

SKU #	AMP	V/DC	Watts	Input	Prim. Cable	Sec. cable	Distributor
20000935	0.4	12	5	100-240V	Plug-in	6' (1,8m)	2 x AMP
20000937	2.4	12	30	100-240V	6' (1,8m)	6' (1,8m)	6 x AMP
30002460	2.4	12	30	100-240V	6' (1,8m)	6' (1,8m)	6 x mini coupling
20000938	5	12	60	100-240V	6' (1,8m)	6' (1,8m)	6 x AMP
20000939	9	12	108	100-240V	6' (1,8m)	6' (1,8m)	6 x AMP
20000940	12.5	12	150	100-240V	Hard wire	-	-
20000941	16.5	12	200	100-240V	Hard wire	Hard wire	-
20000943	26.5	12	320	100-240V	Hard wire	Hard wire	-
20000937h	2.9	12	35	100-240V	Hard wire	Hard wire	-
20000938h	5	12	60	100-240V	Hard wire	Hard wire	-

20000950 - optional mounting kit for 150-320W transformers

12 V Dimmable LED Power Supply Units

SKU #	AMP	V/DC	Watts	Input	Prim. Cable	Sec. cable	Distributor
0938dim	5	12	60	120V	Hard wire	Hard wire	-
0947dim	8.33	12	100	120V	Hard wire	Hard wire	-
0940dim	12.5	12	150	120V	Hard wire	Hard wire	0

24 V LED Power Supply Units

SKU #	AMP	V/DC	Watts	Input	Prim. Cable	Sec. cable	Distributor
90000770	1.25	24	30	100-240V	6' (1,8m)	6' (1,8m)	Tin-plated
90000534	2.7	24	65	100-240V	6' (1,8m)	6' (1,8m)	Tin-plated
90001014	3.75	24	90	100-240V	6' (1,8m)	6' (1,8m)	Tin-plated
90001015	6.25	24	150	100-240V	6' (1,8m)	6' (1,8m)	Tin-plated

LED Down Lights LED Conversion Kit

All the trim rings on this page are available with spring clips for new installations in 1/4" to 5/8" drywall, or with steel fins which allows them to retro-fit an existing 3", 4" or 6" recessed housing.

Available in white and brushed nickel finish.



GU10 with LED conversion kit

Replace your halogen bulbs with a GU10 LED bulb. No more hot lights!



Simply plug the conversion kit into the GU10 LED bulb!

SKU GU10BASE

E26 to GU10 Adapter

Converting outdated 3", 4" or 6" recessed lights has never been easier!

Simply remove the old bulb & trim ring, screw this adapter into the existing fixture, connect it to any GU10 LED bulb and snap in one of our many contemporary trim rings.

Instant updating of your obsolete recessed lighting at a fraction of the cost!



SKU E26-to-GU10

LED Under Cabinet Lights



Super-bright Power LED Puck Light

This dimmable puck light can be recessed in as little as 3/8" or surface mounted.
Available in warm white (3200K) and cool white (6000K)

Finish: silver
SKU 30002307 (ww) 30002308 (cw)



Height: 0.44"
Diameter: 2.44"
Drill diameter: 2.19"



LED Puck Light

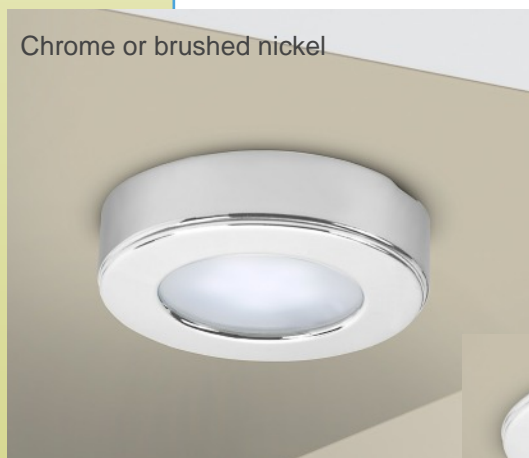
This dimmable puck light can be recessed or surface mounted.

Available in warm white (3200K) and cool white (6000K)

Finish: brushed nickel
SKU 30002309(ww) 30002748(cw)

2 1/4" W x 3/8" D

Chrome or brushed nickel



Power LED Spot 'Swivel'

Contemporary and chic. The perfect spot light for cabinet showcases, with an adjustable, 60 degree swivel head. Direct the light where you want it bright! Recess into a 1 1/16" diameter x 3/4" deep hole.

Finish: silver
SKU 20001423 (warm white) 20001424 (cool white)

LED Under Cabinet Lights



Square Brushed Nickel Puck

This contemporary, chic under cabinet lighting fixture is easy to install. With a power consumption of just 3 watts, it easily replaces a conventional 20 watt halogen bulb without the heat!

Finish: brushed nickel
Available in 3000K(warm white) & 6000K (cool white)

Dimensions: $2\frac{7}{16}" \times 2\frac{7}{16}"$ **ONLY $\frac{1}{8}"$ THICK!**

SKU 30002300 (ww) 30002301 (cw)



Surface Mount Power LED

A perfect solution for cabinet lighting. Easy installation with either double sided tape or small screws. The power wire is hidden in the fixture.

SKU 30002269 (ww) 30002268 (cw)

Length: 6.75" Width: 2" Height: 0.5"
Available in 3000K (warm white) & 6000K (cool white)

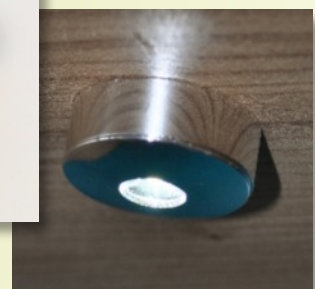
'Mini Spot'

Ideal for curio cabinet lighting or small displays, these very compact power LED spots provide ample brightness with just one watt of power consumption. Both can be surface mounted (shown here), or recessed.

Finish: brushed or chrome
Light color: warm white or cool white
Height: 0.39"
Diameter: 0.98"
Drill diameter: 0.94"



SKU 20001047



SKU 20001046

MR16 - dimmable replacement bulbs

SKU #	MR16-6-3000 (warm white) MR16-6-6000 (cool white)
Power dissipation	6 W
Lumens output	330
Color temperature	3000K 6000K
Beam angle	60° - warm white 30° - cool white
Voltage	12 volt
Dimmable	yes
Certification	UL / RoHs / CE
Manufacturer's Warranty	2 years



Energy efficient LED bulbs are the perfect replacement for outdated incandescent lights.

Much lower operating temperatures than traditional bulbs save on energy costs. Replacing obsolete lighting with UL approved, cost effective LEDs has never been easier. Several studies have shown that these bulbs pay for themselves in as little as 18 months in a commercial setting and approximately 24-30 months in a residential setting.

GU10 - dimmable replacement bulbs



SKU #	GU10-7.5-ww GU10-5-ww
Power dissipation	7.5 W 5 W
Lumens output	470 Lm 350 Lm
Color temperature	2700K-3000K
Voltage	12V
Dimmable	yes
Certification	UL / cUL / RoHs / CE
Manufacturer's Warranty	5 years

Tired of replacing the hot halogen bulbs in your track lights every few months? Our LED replacement bulbs are rated for 30,000 - 50,000 hours, And fit into your existing light fixtures.

LED Bulbs

PAR38



dimmmable

PAR30



PAR20



These LED replacement bulbs simply screw into existing recessed fixtures or track lighting.

Investing in LEDs is a wise decision based upon cost savings alone. At 0.15 per kwh you can expect to save 3-400% over the lifetime of these bulbs compared to outdated bulbs.

With a 30,000 - 50,000 hour expected service life, any of these UL listed, dimmable LED spotlights will pay for themselves in as little as one year depending on use.

Specifications for PAR38 / PAR30 / PAR20

SKU #	PAR 38: PAR-38-ww PAR 30: PAR-30-ww PAR 20: PAR-20-ww
Power supply	AC120V 60Hz/ AC220V-240V 50Hz
Power dissipation	PAR 38: 16 W PAR 30: 10 W PAR 20: 7 W
Power factor	> 0.8
Dimmable	yes
Lumens output	PAR 38: 1200 Lm PAR 30: 800 Lm PAR 20: 450 Lm
Color temperature	2700K-3000K
Color rendering index	80
Socket	E26 / E27
Dimensions	PAR 38: 4.75 in x 5.14 in PAR 30: 3.75 in x 4.43 in PAR 20: 2.5 in x 3.29 in
Service life	30,000 - 50,000 hours
Certificate	UL / cUL / FCC / Rohs / CE
Manufacturer's Warranty	3 years
UL Number	E362181

8', T8 LED fluorescent replacement bulb, single pin

The integrated driver makes this an easy conversion - there is no need for a ballast or starter.

30,000 - 50,000 hours expected life
36 Watts
2700-5000K
2100 Lumens
Input voltage: 85v-277v
opaque lens
UL listed



4', T8 LED fluorescent replacement bulb, double pin

No need for a starter or ballast when you replace your obsolete fluorescent bulb with this energy efficient LED bulb with a built-in driver.

30,000 - 50,000 hours expected life
18 Watts
2700-5000K
1800 Lumens
Input voltage: 85v-277v
opaque lens
UL listed



4', T5 LED fluorescent replacement bulb, double pin

Believe it or not, this small T5 LED bulb has its own internal driver!

No need for a ballast or external transformer.

30,000 - 50,000 hours expected life
18 Watts
3000K, 4000K, 5000K
1660 Lumens
Input voltage: 90v-132v
opaque lens



LED Track Lighting

SKU TH306



SKU TH304



SKU TH317



SKU TH307



SKU TH314



Beautiful UL listed, brushed nickel finished LED track lighting. LED tracks are available in 2', 4', 6', and 8' lengths.

We stock all of the housing models shown, black and white colors available by special order. We also carry the UL listed LED bulbs (see pages 34 & 35) for each of these housings.



Track Heads (brushed nickel)

Step Cylinder	- TH304	(for PAR30 bulb)
Bullet Cylinder	- TH306	(for PAR30 bulb)
Straight Cylinder	- TH307	(for PAR20 bulb)
GU10 Roundback	- TH317	(for GU10 bulb)
GU10 Square	- TH314	(for GU10 bulb)

see pages 34 & 35 for bulbs

Tracks (brushed nickel)
8 ft track - TR129
6 ft track - TR128
4 ft track - TR127
2 ft track - TR126

Accessories

90° L-Connector - TP147
Inline Connector - TP153
Live End Feed - TP152



Track



Live End Feed



Inline Connector



90° L-Connector

Non dimmable LED panel with included driver.
Dimmable panels available through special order.

UL listed
Available in 3000, 4000 & 5000K

LED PANEL LIGHTING

2' x 2' Also available in 1' x 4'
2' x 4'



Model	C002-6/C002-6D	C003-6/C002-6D	C006-6/C006-6D
Input Voltage (VAC)	90-305 VAC	90-305 VAC	90-305 VAC
Input Power (W)	50 W	50 W	75 W
Input Frequency (Hz)	50/60 Hz	50/60 Hz	50/60 Hz
Input Current (A)	0.71 A	0.71 A	1.2 A
Output Voltage (VDC)	29 VDC	29 VDC	30 VDC
Output Current (mA)	1750 mA	1750 mA	2500 mA
Power Factor	> 0.9	> 0.9	> 0.9
Typical Lumens	3600 lm	3600 lm	5400 lm
CCT	3000K, 4000K, 5000K	3000K, 4000K, 5000K	3000K, 4000K, 5000K
CRI	80	80	80
Control no/Dimmable	No/0-10V dimmable	No/0-10V dimmable	No/0-10V dimmable
Ceilings	DX,DXT,DXF (imperial)	DX,DXT,DXF (imperial)	DX,DXT,DXF (imperial)
Life	L85 @ 50,000 hours	L85 @ 50,000 hours	L85 @ 50,000 hours
Dimensions (with electrical enclosure)	603 x 603 x 10 mm	298 x 1212 x 10 mm	603 x 1212 x 10 mm
Weight	4,3 kg / 9.5 lbs	4,3 kg / 9.5 lbs	4,3 kg / 9.5 lbs
Environmental Operating Temperature Range	- 10° C to +45° C	- 10° C to +45° C	- 10° C to +45° C
Environmental Rating	Dry or damp location	Dry or damp location	Dry or damp location
Environmental Storage Temperature Range	- 40° C to +60° C	- 40° C to +60° C	- 40° C to +60° C



These LED panels are a cost efficient way to replace obsolete fluorescent fixtures.
Complete with a low voltage driver that can be either mounted on top of the panel or remotely.

LED BAY LIGHTS



- ✓ Long life span
- ✓ Notable energy-savings
- ✓ Easy installation
- ✓ Healthy ray, NO UV or IR radiation
- ✓ Efficient constant current driver
- ✓ Single integrated high power LED light source

These UL listed CREE high bay LED lights are perfect for parking garages and warehouses. A built-in constant current driver handles 100-277V input. Unlike CFL bulbs. There is no UV or IR radiation.

Specifications	BHP-120	BHP-150	BHP-200
Heat Sink Dimension	9.44" (L) x 4.13" (D)	9.44" (L) x 4.13" (D)	9.44" (L) x 4.13" (D)
Weight	15.4 lbs	15.4 lbs	18.7 lbs
Housing	AL	AL	AL + PC
Socket Type	"O"	"O"	"O"
Work Environment	Indoor use (applicable for dry environment)	Indoor use (applicable for dry environment)	Indoor use (applicable for dry environment)
Lifespan	50000 h	50000 h	50000 h
Warranty	5 years	5 years	3 years
Lumens	10200 lm	12700 lm	17000 lm
Kelvins	5000 K	5000 K	5000 K
Input Voltage	100-277 V	100-277 V	100-277 V
Power Consumption	120 W	150 W	200 W
LED Quantity	14 pcs	24 pcs	24 pcs
Operation Temperature	- 4°~104° F (- 20°~40° C)	- 4°~104° F (- 20°~40° C)	- 4°~104° F (- 20°~40° C)

LED Reading Lights



Like to read in bed without disturbing your partner?
Try our LED reading lights

These LED reading lights are sold as sets only.
1 Watt power LED (6000K) with on, low, bright switch.
Standard mounting hardware (to be attached to backside of the headboard).

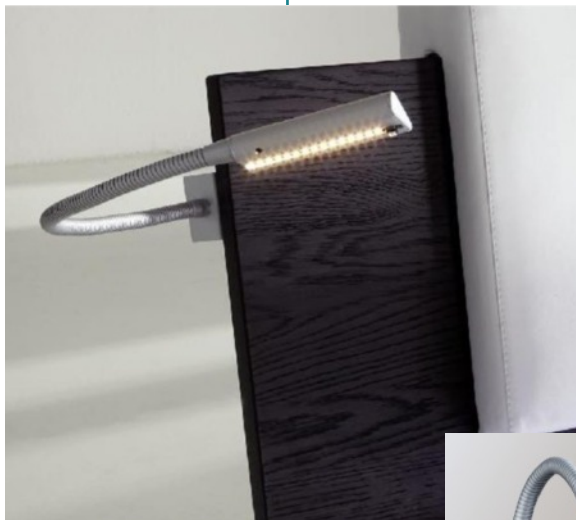


SKU 90001717

Materials: metal & plastic
Gooseneck measurements: 1/2" x 17"
Color: silver

Light color: 6000K (cw)

1 W power LED
2-step on/off switch with low light function



These LED reading lights are sold as sets only.
We named this model "Turn" because the flexible shaft allows you to direct the light where it's needed without disturbing your partner.

15 LEDs SMD with on/off switch.
Standard mounting hardware (to be attached to backside of the headboard).

SKU 20001229

Materials: metal & plastic
Gooseneck meas. 1/2" x 17"
Color: silver

Light color: 4000K (ww)

1.2 W 15 LEDs SMD on/off switch



wessel

 **LIGHTING SYSTEMS, INC.**

3864 SW 30th Ave
Fort Lauderdale, FL 33312

Phone: (954) 397 7777
Fax: (954) 397-7778

Web : wesselled.com
Email: contact@wesselled.com

Feel free to contact us for a complimentary consultation with one of our LED lighting professionals.