KICK-HO-Ribbon

commercial
retail / in-home

coves * architectural * edge lighting * shelf lighting * showcases * bar/restaurant
cove lighting * under cabinet * home theaters * toe kick lighting

Features
- UL Approved
- field cut to any length needed
- 3M industrial strength adhesive
- 24 high output SMD LEDs per foot
- ultra-low profile -- 3/16"
- 12-volt DC high efficiency operation
- 3 watts per foot
dimmable with KICK-KR8, KR6 or Magnitude transformers
- Warm white (3200K), or Daylight (6000K)
- 3-Year Kick Warranty

KICK-HO-RIBBON can be field cut, daisy chained and bent to most contours.

Power supply
One roll (16') or less: MW-ELN-60 or Magnitude M60L12DC-AR
26 feet or less: KPS100 or Magnitude M100L12DC-AR
2 rolls (32'): KPS150 or Magnitudue M150L12DC-AR

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>KICK-HO-RIBBON-DW</td>
<td>16-foot roll, 5 extra clips, 6000K</td>
</tr>
<tr>
<td>KICK-HO-RIBBON-WW</td>
<td>16-foot roll, 5 extra clips, 3200K</td>
</tr>
<tr>
<td>KICK-HO-RIBBON-DW -BF</td>
<td>by the foot, quantity equals feet</td>
</tr>
<tr>
<td>KICK-HO-RIBBON-WW -BF</td>
<td>by the foot, quantity equals feet</td>
</tr>
</tbody>
</table>
Performance Specifications

Source: 390 SMD LEDs
Cone Angle: 120 degrees
Longest chain: Unlimited with boosters
Approved: UL, CE, RoHS compliant
Dimming: Use Kick KR6, KR8, OTDIM or other PWM dimmer
Lamp Life: 70% lumen maintenance after 50,000 hours of continuous power on.

<table>
<thead>
<tr>
<th></th>
<th>6000K</th>
<th>3200K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Illuminance</td>
<td>2800 lumens</td>
<td>2300 lumens</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>48 watts</td>
<td>51 watts</td>
</tr>
<tr>
<td>Amperage</td>
<td>4 amps</td>
<td>4.25 amps</td>
</tr>
</tbody>
</table>

Construction Specifications

Materials: SMD LEDs on 3m adhesive-backed PCB ribbon
Sizes: 196 inches; or specified length
Style: surface mount
Surface Temperature: ambient plus 40F degrees
Mounting: adhesive backing or can be mounted in aluminum extrusion or aluminum flat bar
Temperature range: 40 to 104F (3 to 40 celsius)
Input voltage: 12 volts DC
Output colors: Warm white (3200K) or Daylight (6000K)

Special Order Options

Custom Lengths: 12" to 196"; no minimum order
Multi-color: inter-mix any 2 colors of SMD; 50 roll minimum

Typical Specification

Light source shall be high output LED ribbon cut to length.
It shall be 12v DC and have a color temperature of 3200K (or 6500K)
Light output angle shall be 120-degrees. Manufacturer
shall provide all power supply and dimming hardware.
High output LED ribbon shall be Kick Lighting.
KICK AP40 / AP20

Commercial
Retail / In-home

Coves * Architectural* Edge Lighting * Shelf Lighting * Showcases * Bar/Restaurant
Cove Lighting * Under Cabinet * Home Theater * Bathrooms * Pool Areas

New for 2014: 7-inch version

IP68, water-proof
200 lumens per foot
12-volt DC, high efficiency operation

Tri-chip high output SMD LEDs
Dimmable with KICK-KR8 and KR6
Daisy chain up to 42-feet per run
Gapless end-to-end installation
Warm white (3200K) or
Cool white (6000K)
3-Year Kick Warranty

Picture: AP20 -- 5/8" x 3/8" x 20"

.Model # | Description
--- | ---
KICK-AP07WW | 6-3/4" length, warm white
KICK-AP20WW | 19-11/16" length, warm white
KICK-AP40WW | 39-3/8" length, warm white
KICK-AP07DW | 6-3/4" length, daylight white
KICK-AP20DW | 19-11/16" length, daylight white
KICK-AP40DW | 39-3/8" length, daylight white

421 Warren Street, Hudson NY 12534 * www.KickLighting.com * Phone: 646 320-6476
Performance Specifications

Source: 9, 30 or 60 tri-chip SMD LEDs
Cone Angle: 120 degrees

<table>
<thead>
<tr>
<th>Color Temperature</th>
<th>Warm</th>
<th>Daylight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3200 K</td>
<td>6000 K</td>
</tr>
</tbody>
</table>

Dimming: Use Kick KR8, KR6 or other PWM dimmer
Lamp Life: 70% lumen maintenance after 50,000 hours of continuous power on.

<table>
<thead>
<tr>
<th></th>
<th>AP40</th>
<th>AP20</th>
<th>AP07</th>
</tr>
</thead>
<tbody>
<tr>
<td>Illuminance (6000K):</td>
<td>680 lumens</td>
<td>338 lumens</td>
<td>120 lumens</td>
</tr>
<tr>
<td>Power Consumption:</td>
<td>9 watts</td>
<td>5 watts</td>
<td>2 watts</td>
</tr>
<tr>
<td>Amperage:</td>
<td>0.8 amps</td>
<td>0.4 amps</td>
<td>0.2 amps</td>
</tr>
</tbody>
</table>

Construction Specifications

Materials: poly resin core encased in aluminum
Sizes: 19-11/16" and 39-3/8"; .5m and 1m
Style: linear with integrated water-proof jumpers
Surface Temperature: 90 degrees Farenheit
Mounting: clear plastic clips (included) or Gardner Bender 3/4" plastic staples
Ingress Protection: IP68
Temperature range: 40 to 104F (3 to 40 celcius)
Input voltage: 12 volts DC
Other output colors: Warm White, Daylight White

Special Order Options

Custom Lengths: 7" to 48"; 100 piece minimum

Typical Specification

Rigid LED strip lighting shall be an array of SMD LEDs in poly resin cased in aluminum.
Light output angle shall be 120-degrees. Manufacturer shall provide all power supply and dimming hardware.
Rigid LED strip shall be Kick Lighting AP40

PROJECT INFORMATION

Project

Type

Lamp/Voltage

Notes
KICK FLEX

commercial
coves * neon replacement * custom signs * animated signs * logos * atmospheric art
retail / in-home
coves * under cabinet * bathrooms * shelves * home theater * vehicles & boats

versatile and low profile
12-volt DC low power operation
significant cost and power savings over neon
durable and highly water resistant
available in warm white, daylight white, red, green, blue or yellow
3-Year Kick Warranty
less than 3 watts per foot
3x to 20x brighter than LED rope lights
dimmable with KR6, KR8 and LV switches

One of our best selling products
These flexible LED lights can go anywhere you want LED, can be made into signs or artwork. Great for cabinets and undercounter.

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<th>Model #</th>
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<tbody>
<tr>
<td>KICK-FLEX-WW</td>
<td>39-3/8&quot; length, warm white</td>
</tr>
<tr>
<td>KICK-FLEX-DW</td>
<td>39-3/8&quot; length, daylight white</td>
</tr>
<tr>
<td>KICK-FLEX-RED</td>
<td>39-3/8&quot; length, red</td>
</tr>
<tr>
<td>KICK-FLEX-GREEN</td>
<td>39-3/8&quot; length, green</td>
</tr>
<tr>
<td>KICK-FLEX-BLUE</td>
<td>39-3/8&quot; length, blue</td>
</tr>
<tr>
<td>KICK-FLEX-YELLOW</td>
<td>39-3/8&quot; length, yellow</td>
</tr>
</tbody>
</table>

Includes mounting clips

Bend to any shape

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Performance Specifications

Source: 96 4mm DIP LEDs
Cone Angle: 80 degrees
Longest chain: 118 inches; 3 meters

Dimming: Use Kick KR8 or other PWM dimmer
Lamp Life: 70% lumen maintenance after 50,000 hours of continuous power on.

<table>
<thead>
<tr>
<th></th>
<th>39-3/8&quot;</th>
<th>1-meter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Illuminance</td>
<td>198 lumens</td>
<td>198 lumens</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>7.7 watts</td>
<td>7.7 watts</td>
</tr>
<tr>
<td>Amperage</td>
<td>0.62 amps</td>
<td>0.62 amps</td>
</tr>
</tbody>
</table>

Construction Specifications

Materials: fully encased DIP LEDs, rubberized plastic
Sizes: 39-3/8"; 100cm
Style: high flex
Surface Temperature: 93 degrees Farenheit
Mounting: white plastic clips (included)

Ingress Protection: IP68
Temperature range: 40 to 104F (3 to 40 celcius)
Input voltage: 12 volts
Output colors: Daylight white, warm white, Red, Blue, Green, Yellow

Special Order Options

Custom Lengths: 12" to 48"; 300 piece minimum

Typical Specification

Light source shall be from high flex LEDs in rubberized plastic using 4mm DIP LEDs bent to form contours of design. Light output angle shall be 80-degrees. Manufacturer shall provide all power supply and dimming hardware. Sign Flex LED sign materials shall be Kick Lighting LLC.

PROJECT INFORMATION

Project
Type
Lamp/Voltage
Notes

421 Warren Street, Hudson NY 12534 * www.KickLighting.com * Phone: 646 320-6476
KICK KR8 PWM Dimmer

coves * lightboxes * shelf lighting * showcases * bar/restaurant
cove lighting * under cabinet * home theaters * accent lighting

Pulse Width Modulation (PWM) dimming
Full range, flicker-free dimming
8 amp capacity, 12v DC only
UL Approved
clicks to "off" position
ultra small for limited space installation
3-Year Kick warranty
Made in USA

<table>
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<th>Model #</th>
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<tbody>
<tr>
<td>KICK-KR8-PANEL</td>
<td>8 amp 12v DC PWM dimmer for LED lighting</td>
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</table>

421 Warren Street, Hudson NY 12534 * www.KickLighting.com * Phone: 646 320-6476
KICK KR8 Panel Specifications

Safety Ratings
UL approved confined space

Performance Specifications

- **Mode of Operation:** Continuously variable pulse width modulation (PWM)
- **Supply voltage:** 12 volts
- **DC/DC Conversion Efficiency:** 98% at full rated load
- **Ambient Temperature Range:** -40 F to 115 F -- -40 C to 46 C
- **Weight:** 4 ounces
- **Voltage Drift:** Nil with steady input voltage
- **Load Regulation:** Less than 4% from minimum load to maximum load
- **Transient Protection:** Double resistive/capacitive filtering, zener diode clamping
- **Line Regulation:** Directly proportional to supply voltage
- **Heat sink:** Electrically isolated from voltage and acts as a circuit enclosure. Temperature rise under maximum load is about 40 F (22C) above ambient temperature.

Typical Specification
12v LED dimming shall be by continuously variable pulse width modulation (PWM). Dimmer shall be UL listed and have a capacity of 8 amps at 12 volts. Efficiency shall be greater than 97%. Dimmer shall be Kick Lighting’s KR8 Panel.

PROJECT INFORMATION

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<thead>
<tr>
<th>Project</th>
<th>Type</th>
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KICK KR6 -- 12v DC PWM Dimmer

**commercial**
- coves
- hospitality lighting
- shelf lighting
- showcases
- OEM
- vehicle after market
cove lighting
- under cabinet
- vehicles
- boats
- projects
- lamps
- dimming panel lights

**retail / in-home**
- cove lighting
- under cabinet
- vehicles
- boats
- projects
- lamps
- dimming panel lights

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**Description**

Pulse width modulation dimming

Full range dimming for 12v DC LED lighting

6 amp capacity, 12v DC only

Small for limited space installation

Clicks to "off" position

Suitable for OEM applications

Mounts easily in 1/4-inch hole

Removable knob and lock nut

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<tbody>
<tr>
<td>KICK-KR6</td>
<td>Manual rotary 12v DC PWM dimmer with 6 amp capacity, on/off, 1/4” panel mount</td>
</tr>
<tr>
<td>KICK-KR6-24v</td>
<td>Manual rotary 24v DC PWM dimmer with 6 amp capacity, on/off, 1/4” panel mount</td>
</tr>
</tbody>
</table>

KickLighting.com * Phone: 646 320-6476
421 Warren Street, Hudson NY 12534
**KICK KR6 Specifications**

**Performance Specifications**
- Mode of Operation: Continuously variable pulse width modulation (PWM)
- Supply voltage: 9 to 20 volts DC working voltage, up to 30vDC momentarily
- DC/DC Conversion Efficiency: 97% at full rated load
- Ambient Temperature Range: -40 F to 115 F --- -40 C to 46 C
- Fuse required: Use 6 amp fuse at source.
- Weight: 3 ounces
- Voltage Drift: Nil with steady input voltage

**Typical Specification**
12vDC LED dimming shall be by continuously variable pulse width modulation (PWM). Dimmer shall have a capacity of 6 amps at 12 volts DC. Efficiency shall be greater than 97%. Dimmer shall be Kick Lighting's KR6.

**PROJECT INFORMATION**

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