CORONA Z Series

CORONA Lightstrip Features
- Flexible cable allows lightstrip to bend in all directions, ideal for curvilinear architectural spaces
- Low profile provides discreet light source for smaller applications
- Available in ivory or black
- Available in 2.4" or 3.0" lamp spacing
- Polycarbonate lampholders are rated for 450°F (232°C) with UL 94-V2 flammability rating
- Lampholders include mounting holes for standard #4 screws
- 10-gauge stranded copper conductor has PVC insulation rated for 105°C
- Lightstrip can be cut to length in field, for ease of ordering and installation
- ETL Listed for Dry and Damp Location

ZETA Lamp Features

Optical Characteristics
- Provides 40 lumens per lamp (57 lumens per watt)
- 120° wide beam angle minimizes hot spots and socket shadows, creating even illumination
- Tight color-binning of LEDs ensures uniformity of color
- 2400K warm white emulates incandescent light
- 2900K warm white emulates halogen light
- Emits no UV and no IR

Electrical Specifications
- Consumes only 0.7W per lamp
- Runs on 24V AC (Use with available Power Supply)
- Dimmable with most standard magnetic low voltage dimming systems
- Certified for closet light applications in accordance with NEC Code, Section 410.16

Heat Management and Rated Life
- 0.03 Amp operating current of LED generates less heat, which is further dissipated by aluminum heatsink
- Low operating current and effective heat management protect LED life
- Rated life is 50,000 hours, with minimum 70% lumen maintenance, when used in normal environmental conditions
- Long life results in low maintenance and replacement costs
- Produces no radiant heat; optimal for heat-sensitive applications

How to Specify CORONA Z Series

<table>
<thead>
<tr>
<th>Lightstrip Color</th>
<th>ZETA LED Festoon Lamp</th>
<th>Lamp Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td>I - Ivory</td>
<td>Z24 2400K Warm white</td>
<td>2.4 2.4&quot; on center</td>
</tr>
<tr>
<td>B - Black</td>
<td>Z29 2900K Warm white</td>
<td>3.0 3.0&quot; on center</td>
</tr>
</tbody>
</table>

Lamp Spacing & Mounting Position

For shadow-free light in coves and other indirect applications, keep minimum distance from illuminated surface.

- 2.4" on center
- 3.0" on center

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Accessories

LED Festoon Lightstrip  CORONA Z  SERIES
COR-Z_V1.7

100W power supply feeds up to 20ft.
300W power supply feeds up to 60ft.
(20ft per 100W output)

20' 100W / 4A
20' 100W / 4A
20' 100W / 4A
20' 100W / 4A

Ordering Codes

Item Number  Watts  Volts  Outputs  Dimensions  Weight
APS-120-100  100 W  120VAC to 24VAC  1 X 4A  6.75" H x 6.25" W x 4.75" D  11 lbs
APS-277-100  100 W  277VAC to 24VAC  1 X 4A  6.75" H x 6.25" W x 4.75" D  11 lbs
APS-120-300  300 W  120VAC to 24VAC  3 X 4A  6.75" H x 6.25" W x 4.75" D  15 lbs
APS-277-300  300 W  277VAC to 24VAC  3 X 4A  6.75" H x 6.25" W x 4.75" D  15 lbs

Power Supplies

Input: 120VAC or 277VAC 50/60Hz
Output: 24VAC
Output current: 4 Amps per output circuit
Maximum output power: 100W or 300W
Overload protection: Automatic shut-down / reset
Enclosure: NEMA 3R, with conduit knockouts
Operating temperature: -30\degrees to 60\degrees Celsius
Certification: ETL Listed Class 2 Power Supply
Dimming: Compatible with most standard magnetic low-voltage dimmers, wired to input side

Mount to secure surface in accessible area with adequate ventilation.
To minimize volatage drop, install power supply within 20ft of start of LED strip using 12 gauge lead wire, 40ft using 10 gauge, or 100ft using 8 gauge.

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How to Feed CORONA Z Series

2.4" spacing (Maximum 23ft per run)

100W / 4A
300W
100W / 4A
100W / 4A
100W / 4A

Multiple sections of lightstrip may be daisy-chained together, so long as total length of run does not exceed 23ft.

3.8" spacing (Maximum 29ft per run)

100W / 4A
300W
100W / 4A
100W / 4A
100W / 4A

Multiple sections of lightstrip may be daisy-chained together, so long as total length of run does not exceed 29ft.