

# Nora Rail System

Source: 2400W max.  
120V input

## PRODUCT DESCRIPTION

Nora Lighting offers attractive, low profile slim rails for use with any combination of light sources (LED, Low Voltage, Incandescent, Fluorescent, Halogen or PAR). The small design makes Nora Rail suitable for residential applications. Internal 20A conductors deliver long runs necessary for commercial and architectural applications, allowing for 2400 watts on a single power feed. Rails may be bent to a minimum of 12-1/2" radius. Easy installation, attractive finishing elements and low system cost delivers high-tech design elements within reach of virtually any contemporary design.

## SPECIFICATION

**Construction:** Extruded aluminum rail with two plastic end caps included. Rail available in three straight lengths or pre-bent for circles, "S" shapes or variety of applications. Rail bending tool can be ordered separately (NRS90-N33) for custom bends to a minimum of 12-1/2" radius. Each rail section includes two end caps (replacement end cap: NRS90-N01) and allen key.

**Power Feed:** Rail system can be powered from various power feed accessories ordered separately. Power feed options include wall mount, stems, adjustable power cords or connectors with adjustable stems. Canopies are ordered separately and can be specified with current limiter or adjustable for slope ceilings.

**Mounting:** Rail system can be mounted from different surface with a variety of mounting accessories ordered separately. Mounting options include wall mount, aircraft cable, stems or connectors can be used with stem supports. T-Bar clips are available for 5/16" or 9/16" grids and compatible with stem supports.

**Connectors:** Multiple rails can be connected with a variety of connectors ordered separately. Connector options include straight, flexible, L, T, L or rail-to-rail connector. L, T and L connectors can be attached to stem supports.

## ELECTRICAL

**Input Voltage:** 120V 60Hz

**Wattage:** 2400W max.

**Dimming:** Rail system may be dimmed with any approved incandescent, magnetic low voltage, or electronic low voltage controls, depending on the rail fixtures being used.

## LISTING

cULus Listed for indoor use



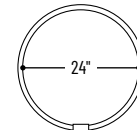
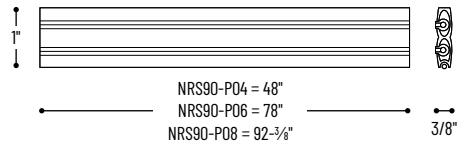
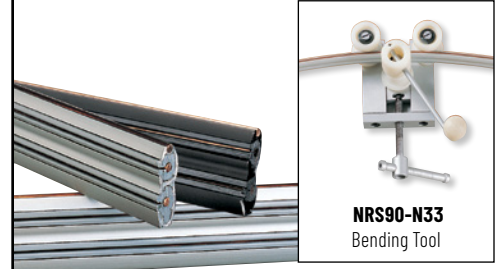
Type

Project

Catalog No.

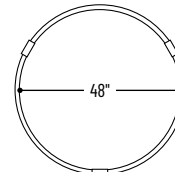
Notes

## PRODUCT IMAGES AND DIMENSIONS



**To create an circle:**  
· (1) NRS90-C12-I  
**Note:** NRS90-C12-I includes  
(1) non-power connector

**NRS90-C12**  
24" Circle

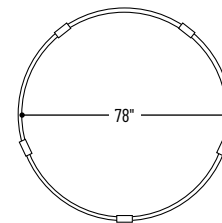


**To create an circle:**  
· (3) NRS90-R24-I  
· (2) NRS90-P81  
· (1) NRS90-N89

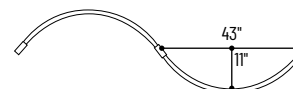


**To create an "S" shape:**  
· (1) NRS90-R24-I  
· (1) NRS90-R24-O  
· (1) NRS90-P81

**NRS90-R24**  
4' Pre-Bent Rails to 24" radius



**To create an circle:**  
· (5) NRS90-R39-I  
· (4) NRS90-P81  
· (1) NRS90-N89



**NRS90-R39**  
4' Pre-Bent Rails to 39" radius

## Straight Rails

| Rail Length  | Finish                             |
|--|------------------------------------|
| <b>NRS90-P04</b> = 4' Straight Rail (actual length: 48")     | <b>BN</b> = Brushed Nickel Finish  |
| <b>NRS90-P06</b> = 6'-6" Straight Rail (actual length: 78")  | <b>BZ</b> = Bronze Finish          |
|  | <b>S</b> = Silver Finish           |
| <b>NRS90-P08</b> = 8' Straight Rail (actual length: 92-3/4") | <b>BNA</b> = Brushed Nickel Finish |
|  | <b>SA</b> = Silver Finish          |

## Pre-Bent Rails

| Rail Shape   | Bus Bar Location  | Finish  |
|--|---|---|
| <b>NRS90-C12</b> = 24" Circle (includes non-power connector) | <b>-I</b> = Inside Bus Bar                                | <b>-BN</b> = Brushed Nickel Finish<br><b>-BZ</b> = Bronze Finish<br><b>-S</b> = Silver Finish |
| <b>NRS90-R24</b> = 4' Pre-Bent Rail to 24" radius            | <b>-I</b> = Inside Bus Bar<br><b>-O</b> = Outside Bus Bar | <b>-BN</b> = Brushed Nickel Finish<br><b>-BZ</b> = Bronze Finish<br><b>-S</b> = Silver Finish |
| <b>NRS90-R39</b> = 4' Pre-Bent Rail to 39" radius            | <b>-I</b> = Inside Bus Bar<br><b>-O</b> = Outside Bus Bar | <b>-BN</b> = Brushed Nickel Finish<br><b>-BZ</b> = Bronze Finish<br><b>-S</b> = Silver Finish |

# Nora Rail System

## Power Feeds

Type

Project

Catalog No.

Notes

## Wall Mounted Power Feed



Wall Mount Power Feed Canopy

Finish

**NRS90-P40S** = Silver

Rail feeds directly into canopy from wall mounted junction box.

## Power Cord Feeds



18" Adjustable Power Cord with Side Fed Canopy

Finish

**NRS90-P80BN** = Brushed Nickel

**NRS90-P80BZ** = Bronze

**NRS90-P80S** = Silver

Ideal for wall mounted applications. Power cord is field adjustable for shorter lengths.



Adjustable Power Cord with Canopy

Cable Lengths

**NRS90-P90** = 10'-6"

**NRS90-P91** = 10'-6" w/ Support

**NRS90-P91-M1** = 20' w/ Support

Finish

**BN** = Brushed Nickel

**BZ** = Bronze

**S** = Silver

Ideal for ceiling mounted applications. Power cord is field adjustable for shorter lengths.



10' Power Feed with Cord & Plug

Finish

**NRS90-P99BN** = Brushed Nickel

**NRS90-P99S** = Silver

To plug rail system into a standard 3-prong ground outlet

## Canopies for Stem



Adjustable Canopy for Sloped Ceilings

Finish

**NRS90-P10BN** = Brushed Nickel

**NRS90-P10BZ** = Bronze

**NRS90-P10S** = Silver

Allows adjustable power feed stems to be mounted on sloped ceilings over junction box.

Compatible Feeds:

NRS90-P01; NRS90-P02; NRS90-P03; NRS90-P17;  
NRS90-P87; NRS90-P88; NRS90-P89



Canopy

Finish

**NRS90-P13BN** = Brushed Nickel

**NRS90-P13BZ** = Bronze

**NRS90-P13S** = Silver

Allows power feed stems to be mounted over junction box.

Compatible Feeds:

NRS90-P01; NRS90-P02; NRS90-P03; NRS90-P11;  
NRS90-P14; NRS90-P17



Heavy Duty Canopy

Finish

**NRS90-P15BN** = Brushed Nickel

**NRS90-P15BZ** = Bronze

**NRS90-P15S** = Silver

Allows adjustable power feed stems to be mounted over junction box.

Compatible Feeds:

NRS90-P87; NRS90-P88; NRS90-P89



Canopy with Current Limiter

Canopy

Circuit Breaker

**NRS90-P37(finish)**

**/1** = 1A / 120W

**/2.5** = 2.5A / 300W

**/5** = 5A / 600W

**/7.5** = 7.5A / 900W

**/10** = 10A / 1200W

**/12** = 12A / 1440W

**/14** = 14A / 1680W

Finishes:

**BN**: Brushed Nickel, **BZ**: Bronze, **S**: Silver

Manages the current load to specified amperage/wattage.

Compatible Feeds:

NRS90-P01; NRS90-P02; NRS90-P03;  
NRS90-P11; NRS90-P14; NRS90-P17; NRS90-P87;  
NRS90-P88; NRS90-P89; NRS90-P90

## Power Feed Stems



Power Feed Stems

Length

Finish

**NRS90-P11** = 3"

**BN** = Brushed Nickel

**NRS90-P14** = 4"

**BZ** = Bronze

**NRS90-P17** = 7-1/2" to 11-1/2"

**S** = Silver

Power feed delivers 120V power to rail system

Compatible Canopies:

NRS90-P13; NRS90-P37



Adjustable Power Feed Stems

Length

Finish

**NRS90-P87** = 12" to 24"

**BN** = Brushed Nickel

**NRS90-P88** = 25-1/4" to 48"

**BZ** = Bronze

**S** = Silver

**NRS90-P89S** = 49-3/4" to 96", Silver Finish

Power feed delivers 120V power to rail system

Compatible Canopies:

NRS90-P10; NRS90-P15; NRS90-P37



Connectors with Adjustable Power Feed Stems

Length

Finish

**NRS90-P03** = L-Connector with 7-1/2" to 11-1/2" stem

**BN** = Brushed Nickel

**NRS90-P01** = T-Connector with 7-1/2" to 11-1/2" stem

**BZ** = Bronze

**NRS90-P02** = X-Connector with 7-1/2" to 11-1/2" stem

**S** = Silver

Power feed delivers 120V power to rail system in multiple directions. Connectors cannot do reverse polarity.

Compatible Canopies:

NRS90-P10; NRS90-P15; NRS90-P37

# Nora Rail System

## Supports and Connectors

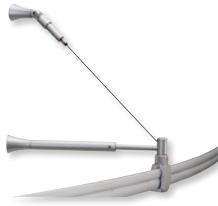
Type

Project

Catalog No.

Notes

### Wall Mounted Supports



Adjustable Wall Mount Supports

| Length                                 | Finish                     |
|--|----------------------------|
| <b>NRS90-N18</b> = 5'-1/2" to 8'-1/2"  | <b>BN</b> = Brushed Nickel |
| <b>NRS90-N26</b> = 8'-1/4" to 11'-1/2" | <b>BZ</b> = Bronze         |
| <b>NRS90-N27</b> = 13'-1/4" to 24'     | <b>S</b> = Silver          |

Telescoping support allows for easy in field leveling

### Ceiling Supports



Stem Supports

| Length                                 | Finish                     |
|--|----------------------------|
| <b>NRS90-N14</b> = 4"                  | <b>BN</b> = Brushed Nickel |
| <b>NRS90-N17</b> = 7'-1/2" to 11'-1/2" | <b>BZ</b> = Bronze         |
|  | <b>S</b> = Silver          |

Suspends rail system from ceiling. Compatible with T-Bar clip and cover (sold separately).



Aircraft Cable Supports

| Length                    | Finish                     |
|---------------------------|----------------------------|
| <b>NRS90-N91</b> = 10'    | <b>BN</b> = Brushed Nickel |
| <b>NRS90-N91-M1</b> = 20' | <b>BZ</b> = Bronze         |
|                           | <b>S</b> = Silver          |

Field adjustable cable suspends rail from ceiling.



Sloped / Straight Stem Supports

| Catalog No.                            | Finish                     |
|--|----------------------------|
| <b>NRS90-N73</b> = 3"                  | <b>BN</b> = Brushed Nickel |
| <b>NRS90-N74</b> = 4"                  | <b>BZ</b> = Bronze         |
| <b>NRS90-N77</b> = 8'-1/4" to 11'-1/2" | <b>S</b> = Silver          |
| <b>NRS90-N70</b> = 12" to 24"          |                            |
| <b>NRS90-N71</b> = 25'-1/4" to 48"     |                            |
| <b>NRS90-N72</b> = 49'-3/4" to 96"     |                            |

Suspends rail system from sloped or flat ceiling. Compatible with T-Bar clip and cover (sold separately). Compatible with L, T and X connectors (sold separately).



T-Bar Clip and Cover

| T-Bar Grid Size          | Finish                     |
|--------------------------|----------------------------|
| <b>NRS90-N21</b> = 5/16" | <b>BN</b> = Brushed Nickel |
| <b>NRS90-N22</b> = 9/16" | <b>BZ</b> = Bronze         |
|                          | <b>S</b> = Silver          |

Allows supports to attach to T-Bar grid ceiling with finished cover and clip.

### Connectors



Straight Connectors

| Length                        | Finish                     |
|-------------------------------|----------------------------|
| <b>NRS90-P81</b> = Live Power | <b>BN</b> = Brushed Nickel |
| <b>NRS90-N89</b> = Non-Power  | <b>BZ</b> = Bronze         |
|                               | <b>S</b> = Silver          |

Connects two rails together. NRS90-N89 will not pass power through.



9-1/2" Flexible Connector

| Finish                              |
|-------------------------------------|
| <b>NRS90-P85BN</b> = Brushed Nickel |
| <b>NRS90-P85BZ</b> = Bronze         |
| <b>NRS90-P85S</b> = Silver          |

Flexible connector connects two rails together up to 90°



Connectors (supports can be attached)

| Length                         | Finish                     |
|--------------------------------|----------------------------|
| <b>NRS90-N03</b> = L-Connector | <b>BN</b> = Brushed Nickel |
| <b>NRS90-N04</b> = T-Connector | <b>BZ</b> = Bronze         |
| <b>NRS90-N02</b> = X-Connector | <b>S</b> = Silver          |

Connects multiple rails and conducts power in all directions. Connectors cannot do reverse polarity. Rail supports (sold separately) can attach to connectors through threaded cap.



20" Rail to Rail Connector

| Finish                              |
|-------------------------------------|
| <b>NRS90-P82BN</b> = Brushed Nickel |
| <b>NRS90-P82BZ</b> = Bronze         |
| <b>NRS90-P82S</b> = Silver          |

Flexible connector connects two rails together. Cable cannot be shortened.

### Accessories



Rail Bending Device

| Description  |
|--|
| <b>NRS90-N33</b> = Rail Bending Device                               |
| Allows custom bending of rail sections to minimum of 12'-1/2" radius |



End Cap

| Finish                              |
|-------------------------------------|
| <b>NRS90-N01BN</b> = Brushed Nickel |
| <b>NRS90-N01BZ</b> = Bronze         |
| <b>NRS90-N01S</b> = Silver          |

Each rail section includes two end caps.



Three Prong Plug Adapter

| Finish  |
|---|
| <b>NRS90-P30BZ</b> = Bronze   |
| <b>NRS90-P30S</b> = Silver  |
| Allows rail system to act like a three prong outlet anywhere along the rail |