

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



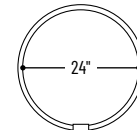
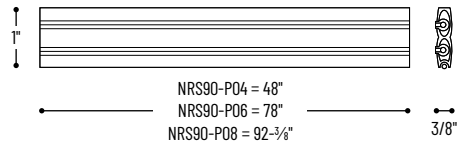
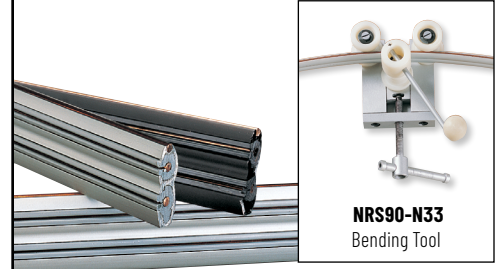
Type

Project

Catalog No.

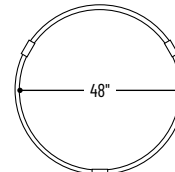
Notes

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

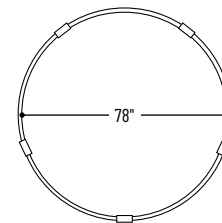


To create an circle:
· (3) NRS90-R24-I
· (2) NRS90-P81
· (1) NRS90-N89

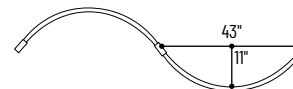


To create an "S" shape:
· (1) NRS90-R24-I
· (1) NRS90-R24-O
· (1) NRS90-P81

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

Pre-Bent Rails

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

Nora Rail System

Power Feeds

Type

Project

Catalog No.

Notes

Wall Mounted Power Feed



Wall Mount Power Feed Canopy

Finish

NRS90-P40BN = Brushed Nickel
NRS90-P40BZ = Bronze
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

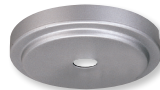
Finish

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"
NRS90-P14 = 4"
NRS90-P17 = 7-1/2" to 11-1/2"

BN = Brushed Nickel
BZ = Bronze
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"
NRS90-P88 = 25-1/4" to 48"
NRS90-P89 = 49-3/4" to 96"

BN = Brushed Nickel
BZ = Bronze
S = Silver

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
NRS90-P01 = T-Connector with 7-1/2" to 11-1/2" stem
NRS90-P02 = X-Connector with 7-1/2" to 11-1/2" stem

BN = Brushed Nickel
BZ = Bronze
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

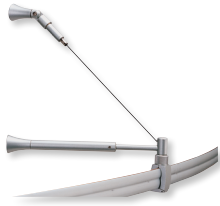
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Wall Mounted Supports



Adjustable Wall Mount Supports

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

Telescoping support allows for easy in field leveling

Ceiling Supports



Stem Supports

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

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



Aircraft Cable Supports

Length	Finish
NRS90-N91 = 10'	BN = Brushed Nickel
NRS90-N91-M1 = 20'	BZ = Bronze
	S = Silver

Field adjustable cable suspends rail from ceiling.



Sloped / Straight Stem Supports

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

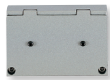


T-Bar Clip and Cover

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

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

Connectors



Straight Connectors

Length	Finish
NRS90-P81 = Live Power	BN = Brushed Nickel
NRS90-N89 = Non-Power	BZ = Bronze
	S = Silver

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



9-1/2" Flexible Connector

Finish
NRS90-P85BN = Brushed Nickel
NRS90-P85BZ = Bronze
NRS90-P85S = Silver

Flexible connector connects two rails together up to 90°



Connectors (supports can be attached)

Length	Finish
NRS90-N03 = L-Connector	BN = Brushed Nickel
NRS90-N04 = T-Connector	BZ = Bronze
NRS90-N02 = X-Connector	S = 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
NRS90-P82BN = Brushed Nickel
NRS90-P82BZ = Bronze
NRS90-P82S = Silver

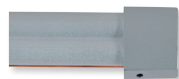
Flexible connector connects two rails together. Cable cannot be shortened.

Accessories



Rail Bending Device

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



End Cap

Finish
NRS90-N01BN = Brushed Nickel
NRS90-N01BZ = Bronze
NRS90-N01S = Silver

Each rail section includes two end caps.



Three Prong Plug Adapter

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