


NITELIGHT™ CLOSET ROD

Specification Sheet






Title 24
JA8 2016
 Compliant
 Intertek
 5005332
 CLOSET
 RATED

ELECTRICAL

Input Voltage	24VDC
Dimming Options	<ul style="list-style-type: none"> • PURE DC™ • MLV • 0-10V • DMX • Lutron (2-WIRE, 3-WIRE, EcoSystem)
Power Consumption	3.0W per foot/4.4W per foot
Wire Size	18AWG, 2 wire
Certification	ETL - Conforms to UL Std. 2108; Certified to CSA Std. C22.2 No. 9.0. Closet Rated - Suitable for installation in the storage area of a clothes closet. Title 24 - Selected models are JA8 2016 compliant when specified as 4.4W/ft with 0-10V, DMX, or Lutron Premier (LN3) dimming.

PHYSICAL

Operating Temperature	-30° C (-22°F) to +60°C (+140°F)
Environment	IP20 - Dry Location
Diameter	Ø 1 5/16"
Max Length	Single - 6.125' (with Junction Box) Double - 12.00' (with Junction Box)
Finish	Satin Silver Anodized, Deep Bronze Anodized ¹ , Matte Black Anodized ¹ , White Powder Coat ¹ , Custom RAL Powder Coat ¹ , Chrome ¹

¹: Special order finishes. Additional charges and longer lead times may apply.

DELIVERED LUMENS

	3.0W	4.4W
2000K	174.44 lm/ft 62.44 lm/W	253.93 lm/ft 56.61 lm/W
2400K²	230.22 lm/ft 76.74 lm/W	320.54 lm/ft 72.85 lm/W
2700K	262.59 lm/ft 87.53 lm/W	367.44 lm/ft 83.51 lm/W
3000K	265.65 lm/ft 88.55 lm/W	371.09 lm/ft 84.34 lm/W
3500K	276.03 lm/ft 92.01 lm/W	398.72 lm/ft 90.62 lm/W
4100K	286.77 lm/ft 95.59 lm/W	392.39 lm/ft 89.18 lm/W
6000K	272.94 lm/ft 90.98 lm/W	413.68 lm/ft 94.02 lm/W

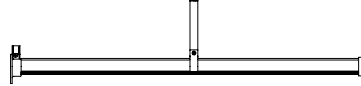
Note: Stated lumen values have a tolerance of +/- 10%.

PERFORMANCE

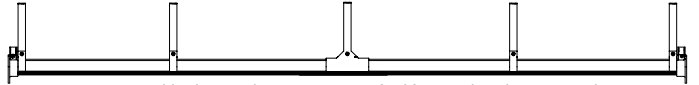
CRI	90+
Lumen Maintenance	50,000 Hours
Binning Tolerance	+/- 100K
Warranty	5 years

SIZES

Single (CLOSET ROD 6' and under)



Double (CLOSET ROD 6'-12')



Note: Double Closet Rod requires 1 power feed from each end, 1 Joiner and 4 Supports.

PART NUMBER BUILDER

SERIES	TYPE	FINISH	COLOR	LENS	SLIDE RAIL	SIZE	SUPPORT	WATTAGE	DIMMING	LENGTH
NL = Nitelight	CR = Closet Rod	SL = Satin Silver BZ = Deep Bronze ¹ MB = Matte Black ¹ WH = White Powder Coat ¹ CR = Custom RAL Powder Coat ¹ CH = Chrome ¹	20 = 2000K 24 = 2400K 24J = 2400K JA8 2018 ² 27 = 2700K 30 = 3000K 35 = 3500K 41 = 4100K 60 = 6000K	CF = Frosted CL = Clear		SI = Single (Closet Rod 6' and under) DH = Double (Closet Rod length 6'-12')	XCH35 = # of Hard Support, 3.5" XCH50 = # of Hard Support, 5.0" N = None	30 = FLEX DC® 3.0 44 = FLEX DC® 4.4	MLV = MLV ND = Non-Dim 010 = 0-10V System Dimming PDC = Pure DC™ Dimming DMX = DMX System Dimming LN2 = Lutron Hi-Lume® A-Series 2-Wire Dimming LN3 = Lutron Hi-Lume® A-Series 3-Wire/Ecosystem Dimming	XX = Custom Length ³ (Inches) ³ : Determined by interior wall to wall dimension of closet (12' max)

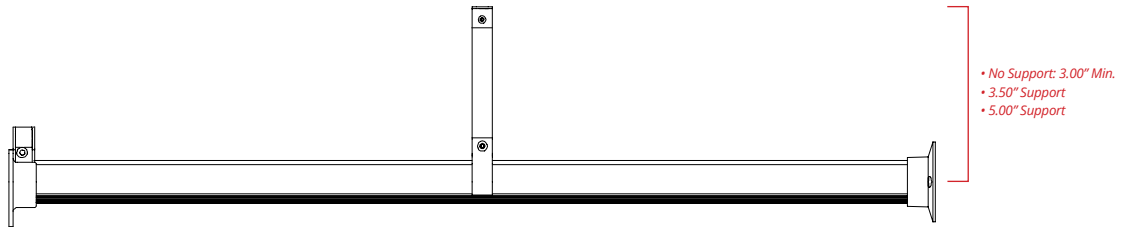
¹: Special order finishes. Additional charges and longer lead times may apply. ²: Must be specified as 4.4W/ft with 0-10V, DMX, or Lutron Premier (LN3) dimming to be JA8 compliant.

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Last Modified: July 13, 2018 9:33 AM

FUNCTIONALITY

SINGLE (CLOSET ROD 6' and under)



WEIGHT RATINGS

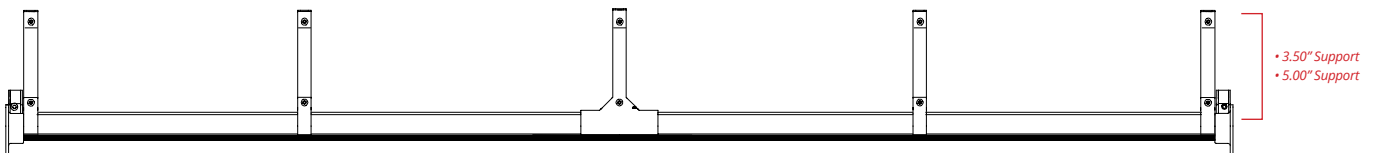
4' & Under, No Support	20 lbs/ft
4' & Under w/Support	25 lbs/ft
4'-6', Support Required	20 lbs/ft

Note: Weight ratings have been tested & verified by Intertek to meet UL 2108 standards.

Clothing Weight Reference

Jeans: 1.5lbs
 Shirts: 0.5lbs
 Suits: 4.0lbs

DOUBLE (CLOSET ROD 6'-12')



WEIGHT RATINGS

6'-12'	20 lbs/ft
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Notes:

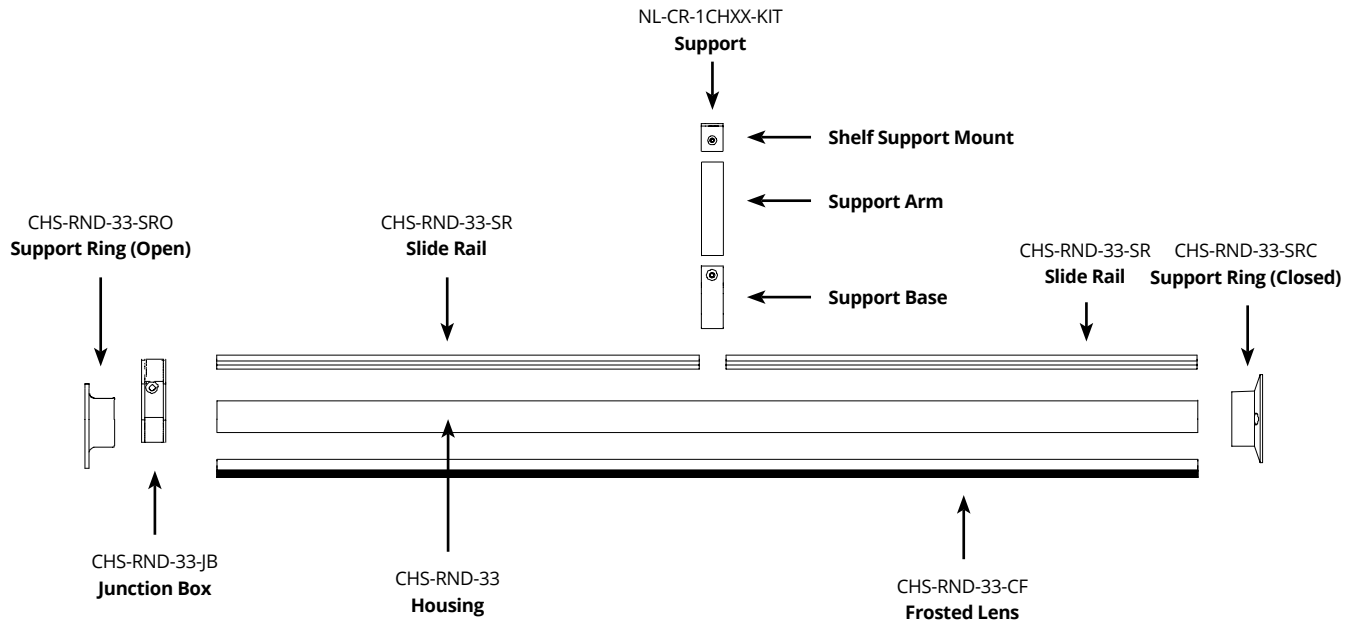
- Weight ratings have been tested & verified by Intertek to meet UL 2108 standards.
- Double Closet Rod requires 1 power feed from each end, 1 Joiner and 4 Supports.
- An additional 0.63" gap must be field cut out of Slide Rail wherever Support is mounted. Support System can be 3.5" or 5.00" from center of Closet Rod to mounting surface.
- End Supports must be mounted no more than 3" away from Junction Box for proper distribution of load.

Clothing Weight Reference

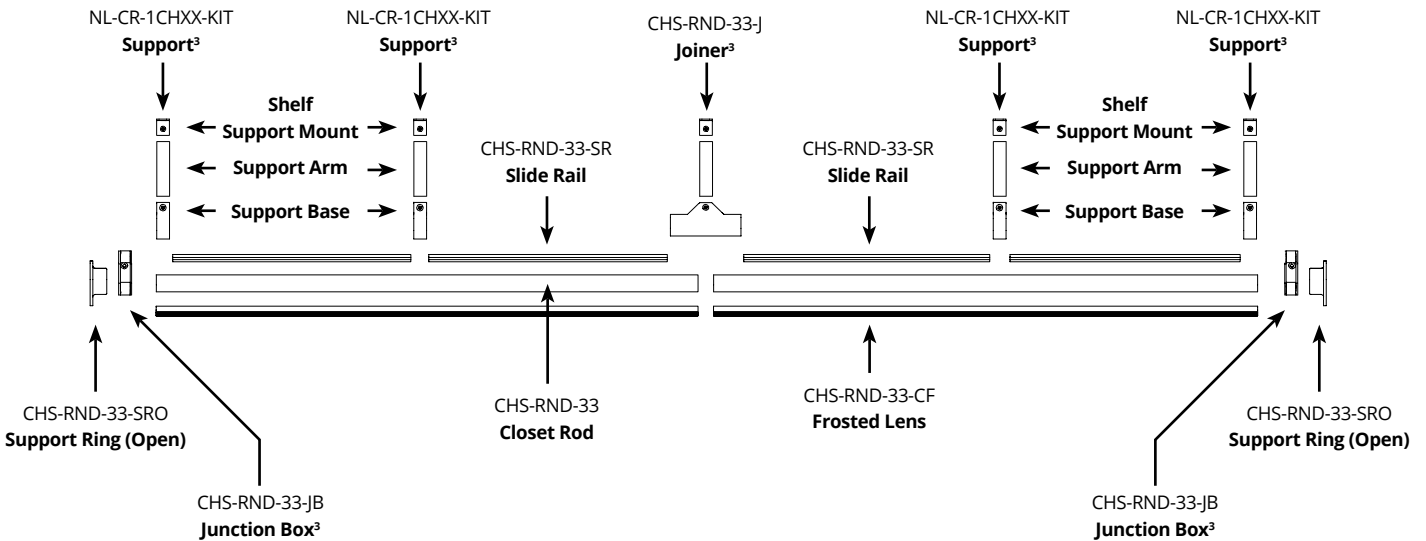
Jeans: 1.5lbs
 Shirts: 0.5lbs
 Suits: 4.0lbs

EXPLODED VIEW

SINGLE (CLOSET ROD 6' and under)



DOUBLE (CLOSET ROD 6'-12')



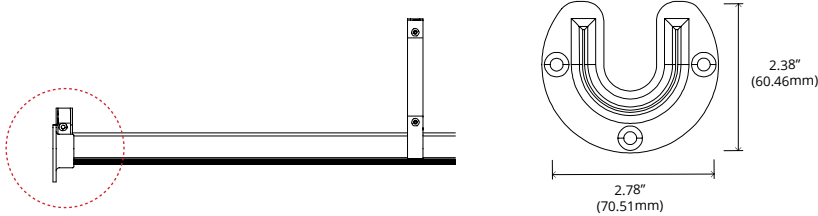
3: Double Closet Rod requires 1 power feed from each end, 1 Joiner and 4 Supports.

Note: If included, Support must be used. An additional 0.63" gap must be field cut out of Slide Rail wherever Support is mounted. Support System can be 3.5" or 5.00" from center of Closet Rod to mounting surface.

Note: End Supports must be mounted no more than 3" away from Junction Box for proper distribution of load.

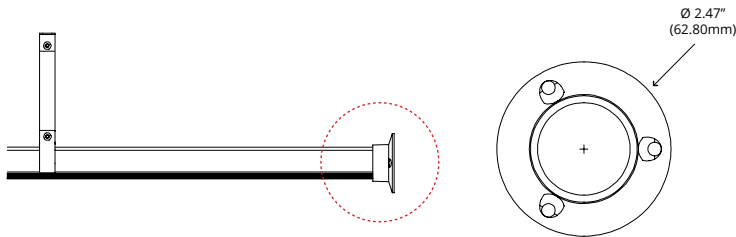
ACCESSORIES

SUPPORT RING (OPEN) - CHS-RND-33-SRO



- One Open Support Ring will be included with each Closet Rod span.

SUPPORT RING (CLOSED) - CHS-RND-33-SRC



- One Closed Support Ring will be included with each Closet Rod span.

JUNCTION BOX - CHS-RND-33-JB

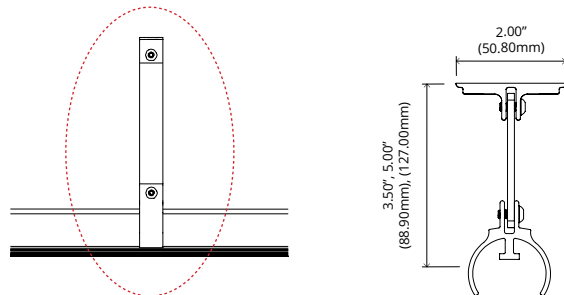


- Endcap Junction Box allows final connection to driver to be made directly at the fixture if needed.
- Wire exit holes on either side of box allow for surface mounting of wire when penetrating closet is not possible.

*Note: Recommended side exit wire: **Belden 18AWG 2 Conductor: 5300UE-0091000** or similar by others*

- Endcap Junction Box ships installed on fixture and engages with Open Support Ring during installation to prevent rotation of fixture.

SUPPORT - NL-CR-1CH35-KIT NL-CR-1CH50-KIT



- NL-CR-1CH35-KIT: 3.5" from shelf or mounting surface
- NL-CR-1CH50-KIT: 5.0" from shelf or mounting surface

Note: An additional 0.63" gap must be field cut out of Slide Rail wherever Support is mounted.

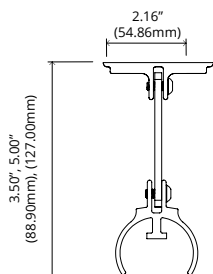
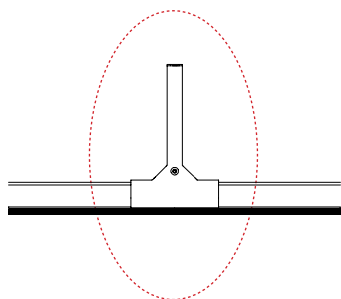
WEIGHT RATINGS⁴

4' & Under, No Support	20 lbs/ft
4' & Under w/Support	25 lbs/ft
4'-6', Support Required	20 lbs/ft

⁴: Weight ratings have been tested & verified by Intertek to meet UL 2108 standards.

ACCESSORIES

JOINER - NL-CR-J35-KIT NL-CR-J50-KIT



- NL-CR-J35-KIT: 3.5" from shelf or mounting surface
- NL-CR-J50-KIT: 5.0" from shelf or mounting surface
- Joiner required to create rods longer than 6.00'.
- Joiners will be included on an as needed basis based on specified length.

Note: An additional 3.63" gap must be field cut out of Slide Rail wherever Support is mounted.

WEIGHT RATINGS*

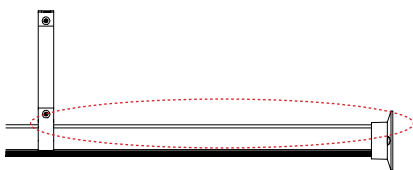
6'-12' 20 lbs/ft

Note: Weight ratings have been tested & verified by Intertek to meet UL 2108 standards.

Note: An additional 0.63" gap must be field cut out of Slide Rail wherever Support is mounted. Support System can be 3.5" or 5.00" from center of Closet Rod to mounting surface.

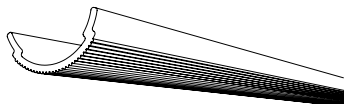
Note: End Supports must be mounted no more than 3" away from Junction Box for proper distribution of load.

SLIDE RAIL - CHS-RND-33-SR



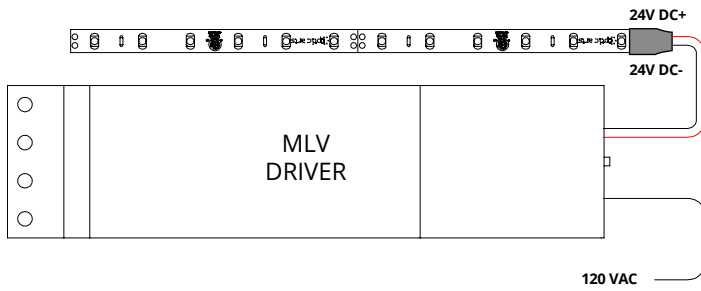
- Slide Rail comes installed on the Closet Rod and allows for clothes hangers to slide without damaging the rod's finish
- Standard color is clear

LENS COVER - CHS-RND-33-CF



- The Closet Rod ships standard with a frosted lens.

COMPATIBLE DRIVERS



MLV (MLV)

PART	DESCRIPTION
ML10S24VDC	10W 120VAC DIMMABLE DRIVER
ML20S24VDC	20W 120VAC DIMMABLE DRIVER
ML35S24VDC	35W 120VAC DIMMABLE DRIVER
ML35S24VDC-277	35W 277VAC DIMMABLE DRIVER
ML40S24VDC	40W 120VAC DIMMABLE DRIVER
ML50S24VDC	50W 120VAC DIMMABLE DRIVER
ML50S24VDC-277	50W 277VAC DIMMABLE DRIVER
ML60S24VDC	60W 120VAC DIMMABLE DRIVER
ML75S24VDC	75W 120VAC DIMMABLE DRIVER
ML75S24VDC-277	75W 277VAC DIMMABLE DRIVER
ML96S24VDC	96W 120VAC DIMMABLE DRIVER
ML96S24VDC-277	96W 120VAC DIMMABLE DRIVER
EM2-200S24DC	200W 120VAC DIMMABLE DRIVER, 2 96W CIRCUITS
EM3-300S24DC	300W 120VAC DIMMABLE DRIVER, 3 96W CIRCUITS
EM2-200S24DC-277	200W 120VAC DIMMABLE DRIVER, 2 96W CIRCUITS
EM3-300S24DC-277	288W 120VAC DIMMABLE DRIVER, 3 96W CIRCUITS

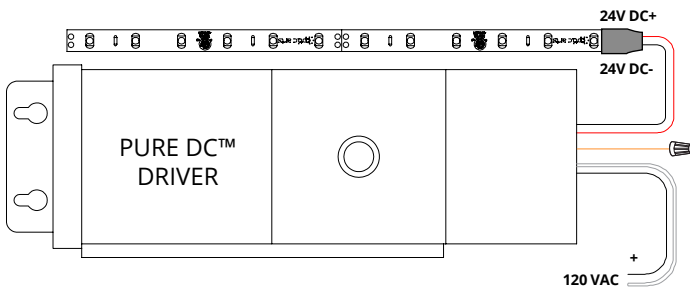
DIMENSIONS

10W-50W	H 2.11"; W 7.38"; D 1.60"
60W-96W	H 3.93"; W 8.13"; D 1.59"
200-300W	H 5.69"; W 10.29"; D 3.13"

DIMMING PERFORMANCE

MLV DRIVER	Dims to 20% on most MLV dimmers
<i>Note: Must be loaded between 75%-100% of rated load to maintain FLEX DC® warranty</i>	

120 VAC WIRING



PURE DC™ MLV (PDC)

PART	DESCRIPTION
PDC.40.24	40W 120/277VAC PURE DC™ MLV DIMMABLE DRIVER
PDC.96.24	96W 120/277VAC PURE DC™ MLV DIMMABLE DRIVER

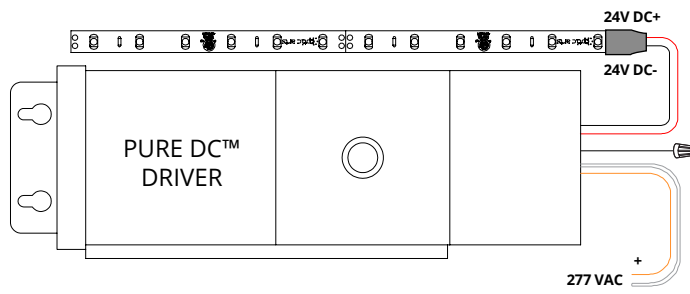
DIMENSIONS

40W	L 14.25"; W 3.00"; H 2.88"
96W	L 14.75"; W 4.31"; H 4.81"

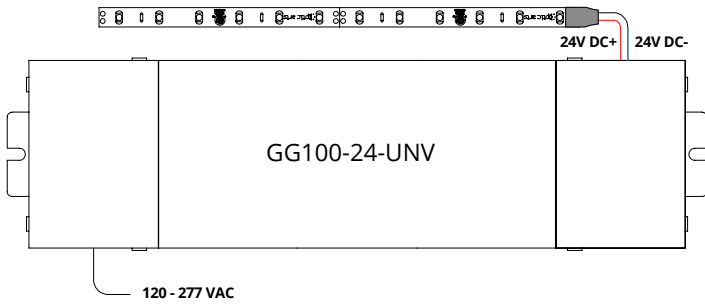
DIMMING PERFORMANCE

PURE DC™ DRIVER	Dims to 0.1% on most MLV dimmers
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277 VAC WIRING

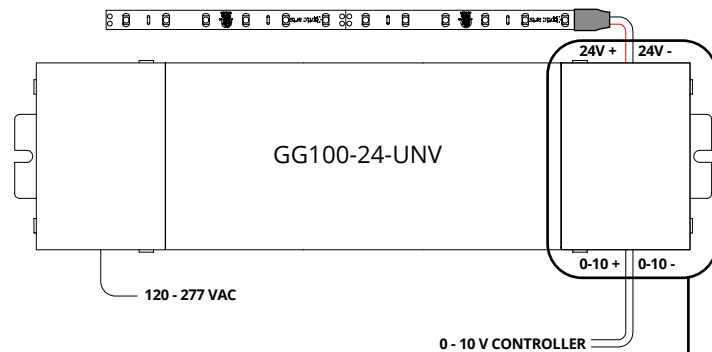


COMPATIBLE DRIVERS



ELECTRONIC DRIVER - NON-DIM (ND)

PART	DESCRIPTION
GG100E-24-UNV	96W 120-277VAC ELECTRONIC DRIVER
DIMENSIONS	
ELECTRONIC DRIVER	H 3.00"; W 11.46"; D 1.30"
DIMMING PERFORMANCE	
ELECTRONIC DRIVER	Non-Dim

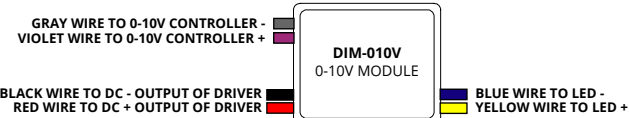


ELECTRONIC DRIVER W/O-10V MODULE (010)

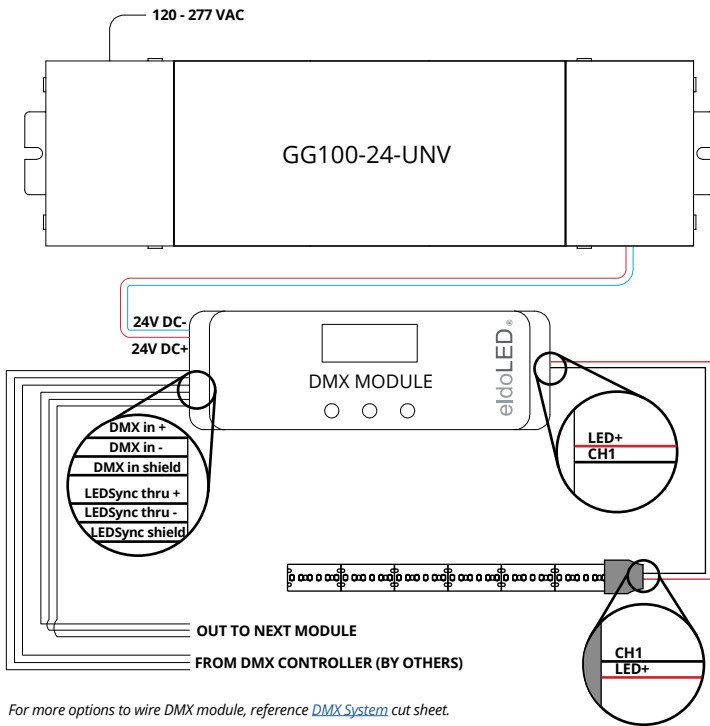
PART	DESCRIPTION
GG100E-24-UNV-010V	96W 120-277VAC ELECTRONIC DRIVER WITH 0-10V DIMMING MODULE (SINK)
DIMENSIONS	
ELECTRONIC DRIVER - 0-10V	H 3.00"; W 11.46"; D 1.30"
DIMMING PERFORMANCE	
ELECTRONIC DRIVER - 0-10V	Dims below 1% on most 0-10V dimmers

FIELD INSTALLED IN LOW VOLTAGE WIRING COMPARTMENT

- Install DIM-010V Module in low voltage wiring compartment.
- Max number of 25 modules on one dimmer. Consult dimmer datasheet for maximum device limitation of a specific controller.



COMPATIBLE DRIVERS



For more options to wire DMX module, reference [DMX System](#) cut sheet.

ELECTRONIC DRIVER W/DMX MODULE (DMX)

PART	DESCRIPTION
GG100E-24-UNV-DMX	96W 120-277VAC ELECTRONIC DRIVER WITH eldoLED DMX DIMMING MODULE

DIMENSIONS

96W	H 3.00"; W 11.46"; D 1.30"
DMX MODULE	H 1.97"; W 6.02"; D 0.91"

*Must be installed in UL box (by others)

DIMMING PERFORMANCE

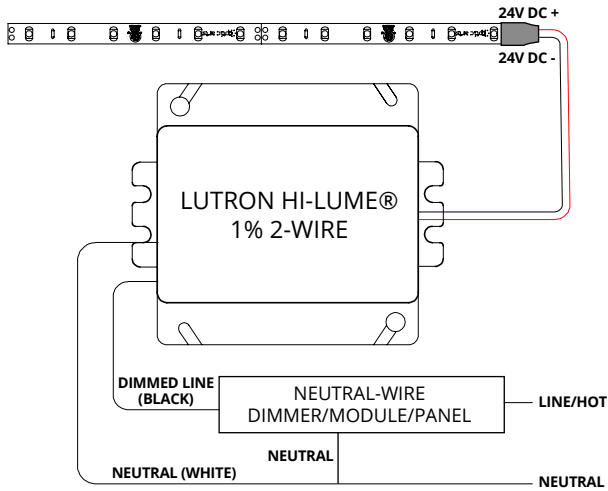
ELECTRONIC DRIVER - DMX MODULE	Dims to 0.1% on most DMX systems
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NITELIGHT™ CLOSET ROD

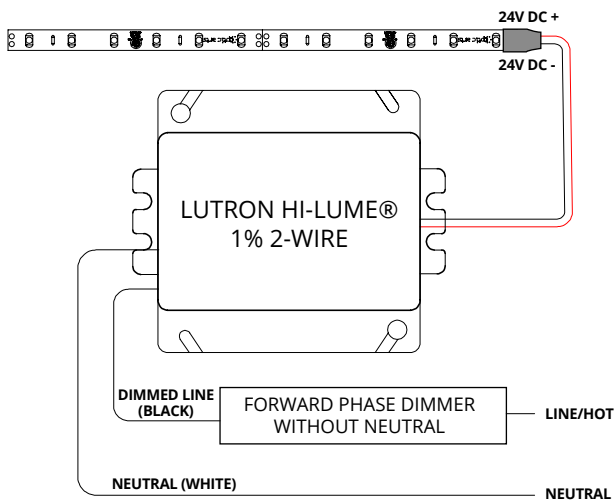
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COMPATIBLE DRIVERS

DIMMER WITH NEUTRAL



DIMMER WITHOUT NEUTRAL



LUTRON HI-LUME® 1% 2-WIRE (LN2):
2-WIRE CONTROL FORWARD PHASE



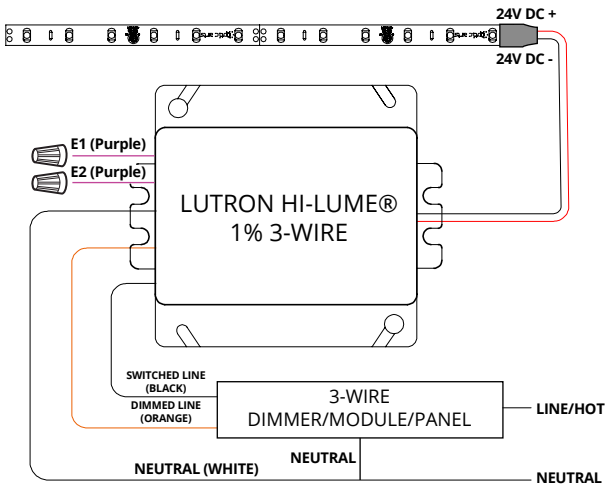
PART	DESCRIPTION
LTEA4U1UKL-CV240	5-40W, 120VAC, 2-WIRE FORWARD PHASE DRIVER
DIMENSIONS	
LUTRON HI-LUME® 1% 2-WIRE	H 4.00"; W 4.89"; D 2.62"
DIMMING PERFORMANCE	
LUTRON HI-LUME® 1% 2-WIRE	Dims to 1% with compatible Lutron controls

NITELIGHT™ CLOSET ROD

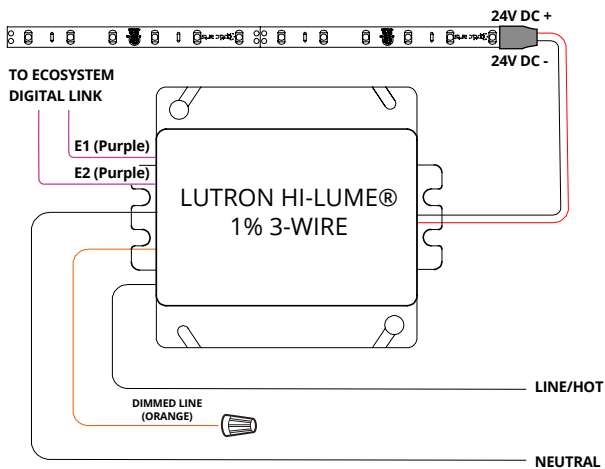
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COMPATIBLE DRIVERS

3-WIRE



ECOSYSTEM



LUTRON HI-LUME® 1% (LN3):
3-WIRE/ECOSYSTEM



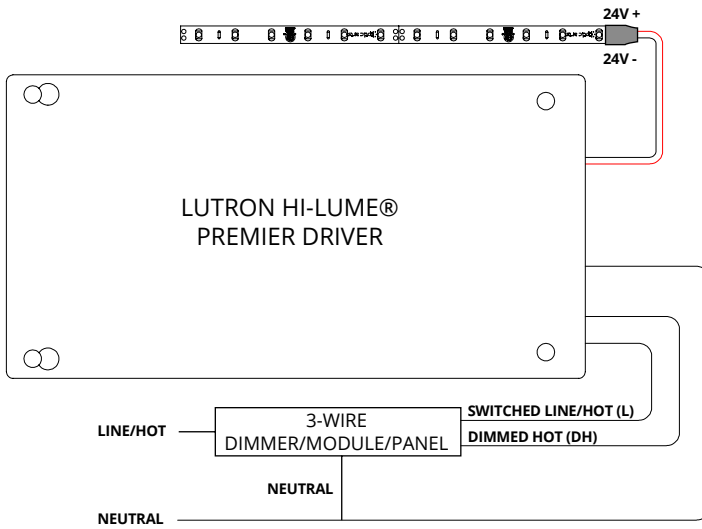
PART	DESCRIPTION
L3DA4U1UKL-CV240	5-40W, 120-277VAC, 3-WIRE/ECOSYSTEM DRIVER
DIMENSIONS	
LUTRON HI-LUME® 1% 3-WIRE/ ECOSYSTEM	H 4.00"; W 4.89"; D 2.62"
DIMMING PERFORMANCE	
LUTRON HI-LUME® 1% 3-WIRE/ECOSYSTEM	Dims to 1% with compatible Lutron controls

NITELIGHT™ CLOSET ROD

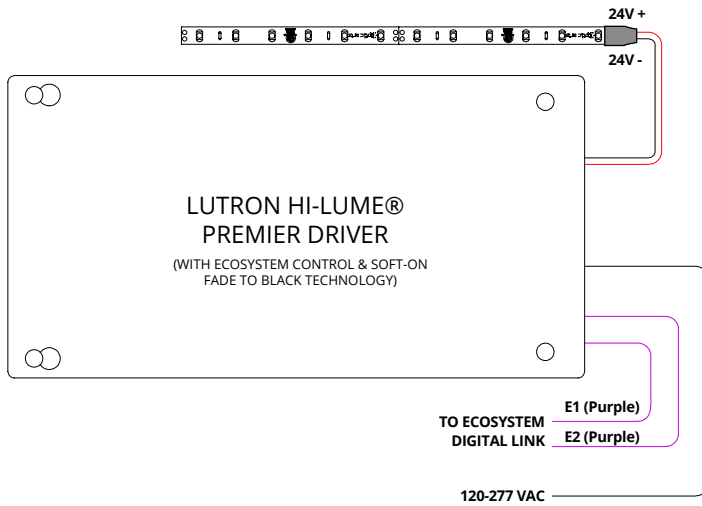
Specification Sheet

COMPATIBLE DRIVERS

3-WIRE



ECOSYSTEM



LUTRON HI-LUME® PREMIER: 3-WIRE/ECOSYSTEM



PART	DESCRIPTION
L3D0-96W24V-U	2-96W, 120-277VAC, 3-WIRE/ECOSYSTEM DRIVER

DIMENSIONS	
LUTRON HI-LUME® PREMIER	H 5.5"; W 10.5"; D 2.0"

DIMMING PERFORMANCE	
LUTRON HI-LUME® PREMIER	Dims to 0.1% with compatible Lutron controls
<i>NOTE: Lutron soft-on, fade to black technology available with Ecosystem Digital Control only.</i>	