UNDERWATER NEON FLEX

Swimming Pool · Top-Bend & Side-Bend neon flex

TRU-NAA24V

Swimming Pool · Top-Bend & Side-Bend neon flex. Review the dimensions and electrical ratings for your installation.

Use this catalog sheet to discuss your project. Final dimensions, ratings, certifications and available configurations must be confirmed for the selected product.



Product specifications

Truled part number	TRU-NAA24V
Category	Neon flex
Product type	Underwater neon flex
Style	Side-Bend (White) Swimming Pool Underwater
Dimension	W16xH16mm [W0.63XH0.63in.]
Max. Run Length	5M [16.4ft.]
Increment	Free-cutting to be any length
LED Type	SMD 2835
LED Qty	120LED/M [37LED/ft.]
Voltage	DC24V
Power	14W/M [4.3W/ft.]
CCT/Wavelength	2700K±120K 3000K±150K 3500K±300K 4000K±300K 5000K±400K 6000K±500K
Brightness @4000K&CRI80	776lm/M [235lm/ft.]
Light Efficiency @4000K&CRI80	55lm/W

Brightness @4000K&CRI90	660lm/M [201lm/ft.]
Light Efficiency @4000K&CRI90	47lm/W
Beam Angle	120°
IP&IK Rating	IP68/IP69K [Wet] (Max.3M underwater) & IK08

Configuration reference

TRU-NAA24V-A

Style	Top-Bend (White) Swimming Pool Underwate
Dimension	W16*H16mm [W0.63*H0.63in.]
Max. Run Length	5M [16.4ft.] (Factory made only)
Increment	Free-cutting to be any length
LED Type	SMD 2835
LED Qty	120LED/M [36LED/ft.]
Voltage	DC24V
Power	14W/M [4.3W/ft.]
CCT / Wavelength	2700K±120K 3000K±150K 3500K±300K 4000K±300K 5000K±400K 6000K±500K
Brightness @4000K&CRI80	938lm/M [286lm/ft.]
Light Efficiency @4000K&CRI80	67lm/W
Brightness @4000K&CRI90	800lm/M [244lm/ft.]
Light Efficiency @4000K&CRI90	57lm/W
Beam Angle	120°
IP&IK Rating	IP68/IP69K [Wet] (Max.3M underwater) & IK08

Configuration reference

TRU-NAA24V-B

Style	Top-Bend (White Ultra-Long) Swimming Pool Underwate
Dimension	W16*H16mm [W0.63*H0.63in.]
Max. Run Length	10M [32.8ft.] (Factory made only)
Increment	Free-cutting to be any length
LED Type	SMD 2835
LED Qty	120LED/M [36LED/ft.]
Voltage	DC24V
Power	9W/M [2.7W/ft.]
CCT / Wavelength	2700K±120K 3000K±150K 3500K±300K 4000K±300K 5000K±400K 6000K±500K
Brightness @4000K&CRI80	600lm/M [183lm/ft.]
Light Efficiency @4000K&CRI80	67lm/W
Brightness @4000K&CRI90	510lm/M [155lm/ft.]
Light Efficiency @4000K&CRI90	57lm/W
Beam Angle	120°
IP&IK Rating	IP68/IP69K [Wet] (Max.3M underwater) & IK08

Configuration reference

TRU-NAA24V-C

Style	Top-Bend (CCT) Swimming Pool Underwater
Dimension	W16*H16mm [W0.63*H0.63in.]
Max. Run Length	5M [16.4ft.] (Factory made only)
Increment	50mm [1.97in.]
LED Type	SMD 2835
LED Qty	240LED/M [73LED/ft.]
Voltage	DC24V
Power	14W/M [4.3W/ft.]
CCT / Wavelength	W:2700-6500K CCT-Tunable
Brightness @4000K&CRI80	910lm/M [277lm/ft.]
Light Efficiency @4000K&CRI80	65lm/W
Brightness @4000K&CRI90	770lm/M [235lm/ft.]
Light Efficiency @4000K&CRI90	55lm/W
Beam Angle	120°
IP&IK Rating	IP68/IP69K [Wet] (Max.3M underwater) & IK08

Configuration reference

TRU-NAA24V-D

Style	Top-Bend (RGB) Swimming Pool Underwater
Dimension	W16*H16mm [W0.63*H0.63in.]
Max. Run Length	5M [16.4ft.] (Factory made only)
Increment	50mm [1.97in.]
LED Type	SMD 4040
LED Qty	120LED/M [36LED/ft.]
Voltage	DC24V
Power	14W/M [4.3W/ft.]
CCT / Wavelength	R:620-630nm G:515-530nm B:460-470nm
Brightness @4000K&CRI80	340lm/M [104lm/ft.]
Light Efficiency @4000K&CRI80	24lm/W
Brightness @4000K&CRI90	Not specified
Light Efficiency @4000K&CRI90	Not specified
Beam Angle	120°
IP&IK Rating	IP68/IP69K [Wet] (Max.3M underwater) & IK08

Configuration reference

TRU-NAA24V-E

Style	Side-Bend (White) Swimming Pool Underwater
Dimension	W11.5*H20mm [W0.45*H0.79in.]
Max. Run Length	5M [16.4ft.] (Factory made only)
Increment	Free-cutting to be any length
LED Type	SMD 2835
LED Qty	120LED/M [36LED/ft.]
Voltage	DC24V
Power	14W/M [4.3W/ft.]
CCT / Wavelength	2700K±120K 3000K±150K 3500K±300K 4000K±300K 5000K±400K 6000K±500K
Brightness @4000K&CRI80	672lm/M [205lm/ft.]
Light Efficiency @4000K&CRI80	48lm/W
Brightness @4000K&CRI90	570lm/M [174lm/ft.]
Light Efficiency @4000K&CRI90	41lm/W
Beam Angle	120°
IP&IK Rating	IP68/IP69K [Wet] (Max.3M underwater) & IK08

Configuration reference

TRU-NAA24V-F

Style	Side-Bend (White Ultra-Long) Swimming Pool Underwate
Dimension	W11.5*H20mm [W0.45*H0.79in.]
Max. Run Length	10M [32.8ft.] (Factory made only
Increment	Free-cutting to be any length
LED Type	SMD 2835
LED Qty	120LED/M [36LED/ft.]
Voltage	DC24V
Power	9W/M [2.7W/ft.]
CCT / Wavelength	2700K±120K 3000K±150K 3500K±300K 4000K±300K 5000K±400K 6000K±500K
Brightness @4000K&CRI80	430lm/M [131lm/ft.]
Light Efficiency @4000K&CRI80	48lm/W
Brightness @4000K&CRI90	370lm/M [113lm/ft.]
Light Efficiency @4000K&CRI90	41lm/W
Beam Angle	120°
IP&IK Rating	IP68/IP69K [Wet] (Max.3M underwater) & IK08

Configuration reference

TRU-NAA24V-G

Style	Side-Bend (CCT) Swimming Pool Underwater
Dimension	W11.5*H20mm [W0.45*H0.79in.]
Max. Run Length	5M [16.4ft.] (Factory made only
Increment	50mm [1.97in.]
LED Type	SMD 2835
LED Qty	24LED/M [73LED/ft.]
Voltage	DC24V
Power	14W/M [4.3W/ft.]
CCT / Wavelength	W:2700-6500K CCT-Tunable
Brightness @4000K&CRI80	546lm/M [166lm/ft.]
Light Efficiency @4000K&CRI80	39lm/W
Brightness @4000K&CRI90	460lm/M [140lm/ft.]
Light Efficiency @4000K&CRI90	33lm/W
Beam Angle	120°
IP&IK Rating	IP68/IP69K [Wet] (Max.3M underwater) & IK08

Configuration reference

TRU-NAA24V-H

Style	Side-Bend (RGB) Swimming Pool Underwater
Dimension	W11.5*H20mm [W0.45*H0.79in.]
Max. Run Length	5M [16.4ft.] (Factory made only
Increment	50mm [1.97in.]
LED Type	SMD 4040
LED Qty	120LED/M [36LED/ft.]
Voltage	DC24V
Power	14W/M [4.3W/ft.]
CCT / Wavelength	R:620-630nm G:515-530nm B:460-470nm
Brightness @4000K&CRI80	270lm/M [82lm/ft.]
Light Efficiency @4000K&CRI80	19lm/W
Brightness @4000K&CRI90	Not specified
Light Efficiency @4000K&CRI90	Not specified
Beam Angle	120°
IP&IK Rating	IP68/IP69K [Wet] (Max.3M underwater) & IK08

Configuration reference

TRU-NAA24V-I

Style	Top-Bend (White) Swimming Pool Underwater
Dimension	W16*H16mm [W0.63*H0.63in.]
Max. Run Length	5M [16.4ft.] (Factory made only)
Increment	Free-cutting to be any length
LED Type	SMD 2835
LED Qty	120LED/M [36LED/ft.]
Voltage	DC24V
Power	14W/M [4.3W/ft.]
CCT / Wavelength	2700K±120K 3000K±150K 3500K±300K 4000K±300K 5000K±400K 6000K±500K
Brightness @4000K&CRI80	938lm/M [286lm/ft.]
Light Efficiency @4000K&CRI80	67lm/W
Brightness @4000K&CRI90	800lm/M [244lm/ft.]
Light Efficiency @4000K&CRI90	57lm/W
Beam Angle	120°
IP&IK Rating	IP68/IP69K [Wet] (Max.3M underwater) & IK08

Configuration reference

TRU-NAA24V-J

Style	Top-Bend (White Ultra-Long) Swimming Pool Underwater
Dimension	W16*H16mm [W0.63*H0.63in.]
Max. Run Length	10M [32.8ft.] (Factory made only)
Increment	Free-cutting to be any length
LED Type	SMD 2835
LED Qty	120LED/M [36LED/ft.]
Voltage	DC24V
Power	9W/M [2.7W/ft.]
CCT / Wavelength	2700K±120K 3000K±150K 3500K±300K 4000K±300K 5000K±400K 6000K±500K
Brightness @4000K&CRI80	600lm/M [183lm/ft.]
Light Efficiency @4000K&CRI80	67lm/W
Brightness @4000K&CRI90	510lm/M [155lm/ft.]
Light Efficiency @4000K&CRI90	57lm/W
Beam Angle	120°
IP&IK Rating	IP68/IP69K [Wet] (Max.3M underwater) & IK08

Configuration reference

TRU-NAA24V-C

Style	Top-Bend (CCT) Swimming Pool Underwater
Dimension	W16*H16mm [W0.63*H0.63in.]
Max. Run Length	5M [16.4ft.] (Factory made only)
Increment	50mm [1.97in.]
LED Type	SMD 2835
LED Qty	240LED/M [73LED/ft.]
Voltage	DC24V
Power	14W/M [4.3W/ft.]
CCT / Wavelength	W:2700-6500K CCT-Tunable
Brightness @4000K&CRI80	910lm/M [277lm/ft.]
Light Efficiency @4000K&CRI80	65lm/W
Brightness @4000K&CRI90	770lm/M [235lm/ft.]
Light Efficiency @4000K&CRI90	55lm/W
Beam Angle	120°
IP&IK Rating	IP68/IP69K [Wet] (Max.3M underwater) & IK08

Configuration reference

TRU-NAA24V-D

Style	Top-Bend (RGB) Swimming Pool Underwater
Dimension	W16*H16mm [W0.63*H0.63in.]
Max. Run Length	5M [16.4ft.] (Factory made only)
Increment	50mm [1.97in.]
LED Type	SMD 4040
LED Qty	120LED/M [36LED/ft.]
Voltage	DC24V
Power	14W/M [4.3W/ft.]
CCT / Wavelength	R:620-630nm G:515-530nm B:460-470nm
Brightness @4000K&CRI80	340lm/M [104lm/ft.]
Light Efficiency @4000K&CRI80	24lm/W
Brightness @4000K&CRI90	Not specified
Light Efficiency @4000K&CRI90	Not specified
Beam Angle	120°
IP&IK Rating	IP68/IP69K [Wet] (Max.3M underwater) & IK08

Configuration reference

TRU-NAA24V-K

Style	Top-Bend (RGBW) Swimming Pool Underwater
Dimension	W16*H16mm [W0.63*H0.63in.]
Max. Run Length	5M [16.4ft.] (Factory made only)
Increment	50mm [1.97in.]
LED Type	SMD 4040
LED Qty	120LED/M [36LED/ft.]
Voltage	DC24V
Power	14W/M [4.3W/ft.]
CCT / Wavelength	R:620-630nm G:515-530nm B:460-470nm W:2700-6500K
Brightness @4000K&CRI80	Not specified
Light Efficiency @4000K&CRI80	Not specified
Brightness @4000K&CRI90	425lm/M [130lm/ft.]
Light Efficiency @4000K&CRI90	30lm/W
Beam Angle	120°
IP&IK Rating	IP68/IP69K [Wet] (Max.3M underwater) & IK08

Configuration reference

TRU-NAA24V-E

Style	Side-Bend (White) Swimming Pool Underwater
Dimension	W11.5*H20mm [W0.45*H0.79in.]
Max. Run Length	5M [16.4ft.] (Factory made only)
Increment	Free-cutting to be any length
LED Type	SMD 2835
LED Qty	120LED/M [36LED/ft.]
Voltage	DC24V
Power	14W/M [4.3W/ft.]
CCT / Wavelength	2700K±120K 3000K±150K 3500K±300K 4000K±300K 5000K±400K 6000K±500K
Brightness @4000K&CRI80	672lm/M [205lm/ft.]
Light Efficiency @4000K&CRI80	48lm/W
Brightness @4000K&CRI90	570lm/M [174lm/ft.]
Light Efficiency @4000K&CRI90	41lm/W
Beam Angle	120°
IP&IK Rating	IP68/IP69K [Wet] (Max.3M underwater) & IK08

Configuration reference

TRU-NAA24V-L

Style	Side-Bend (White Ultra-Long) Swimming Pool Underwater
Dimension	W11.5*H20mm [W0.45*H0.79in.]
Max. Run Length	10M [32.8ft.] (Factory made only)
Increment	Free-cutting to be any length
LED Type	SMD 2835
LED Qty	120LED/M [36LED/ft.]
Voltage	DC24V
Power	9W/M [2.7W/ft.]
CCT / Wavelength	2700K±120K 3000K±150K 3500K±300K 4000K±300K 5000K±400K 6000K±500K
Brightness @4000K&CRI80	430lm/M [131lm/ft.]
Light Efficiency @4000K&CRI80	48lm/W
Brightness @4000K&CRI90	370lm/M [113lm/ft.]
Light Efficiency @4000K&CRI90	41lm/W
Beam Angle	120°
IP&IK Rating	IP68/IP69K [Wet] (Max.3M underwater) & IK08

Configuration reference

TRU-NAA24V-M

Style	Side-Bend (CCT) Swimming Pool Underwater
Dimension	W11.5*H20mm [W0.45*H0.79in.]
Max. Run Length	5M [16.4ft.] (Factory made only)
Increment	50mm [1.97in.]
LED Type	SMD 2835
LED Qty	24LED/M [73LED/ft.]
Voltage	DC24V
Power	14W/M [4.3W/ft.]
CCT / Wavelength	W:2700-6500K CCT-Tunable
Brightness @4000K&CRI80	546lm/M [166lm/ft.]
Light Efficiency @4000K&CRI80	39lm/W
Brightness @4000K&CRI90	460lm/M [140lm/ft.]
Light Efficiency @4000K&CRI90	33lm/W
Beam Angle	120°
IP&IK Rating	IP68/IP69K [Wet] (Max.3M underwater) & IK08

Configuration reference

TRU-NAA24V-N

Style	Side-Bend (RGB) Swimming Pool Underwater
Dimension	W11.5*H20mm [W0.45*H0.79in.]
Max. Run Length	5M [16.4ft.] (Factory made only)
Increment	50mm [1.97in.]
LED Type	SMD 4040
LED Qty	120LED/M [36LED/ft.]
Voltage	DC24V
Power	14W/M [4.3W/ft.]
CCT / Wavelength	R:620-630nm G:515-530nm B:460-470nm
Brightness @4000K&CRI80	270lm/M [82lm/ft.]
Light Efficiency @4000K&CRI80	19lm/W
Brightness @4000K&CRI90	Not specified
Light Efficiency @4000K&CRI90	Not specified
Beam Angle	120°
IP&IK Rating	IP68/IP69K [Wet] (Max.3M underwater) & IK08

Configuration reference

TRU-NAA24V-O

Style	Side-Bend (RGBW) Swimming Pool Underwater
Dimension	W11.5*H20mm [W0.45*H0.79in.]
Max. Run Length	5M [16.4ft.] (Factory made only)
Increment	50mm [1.97in.]
LED Type	SMD 4040
LED Qty	120LED/M [36LED/ft.]
Voltage	DC24V
Power	14W/M [4.3W/ft.]
CCT / Wavelength	R: 620-630nm G:515-530nm B:460-470nm W:2700-6500K
Brightness @4000K&CRI80	Not specified
Light Efficiency @4000K&CRI80	Not specified
Brightness @4000K&CRI90	290lm/M [88lm/ft.]
Light Efficiency @4000K&CRI90	21lm/W
Beam Angle	120°
IP&IK Rating	IP68/IP69K [Wet] (Max.3M underwater) & IK08

Configuration reference

TRU-NAA24V-P

Style	Side-Bend (DMX RGBW) Swimming Pool Underwater
Dimension	W11.5*H20mm [W0.45*H0.79in.]
Max. Run Length	5M [16.4ft.] (Factory made only)
Increment	125mm [4.92in.]
LED Type	SMD 4040
LED Qty	96LED/M [29LED/ft.]
Voltage	DC24V
Power	14W/M [4.3W/ft.]
CCT / Wavelength	R:620-630nm G:515-530nm B:460-470nm W:2700-6500K
Brightness @4000K&CRI80	Not specified
Light Efficiency @4000K&CRI80	Not specified
Brightness @4000K&CRI90	270lm/M [82lm/ft.]
Light Efficiency @4000K&CRI90	19lm/W
Beam Angle	120°
IP&IK Rating	IP68/IP69K [Wet] (Max.3M underwater) & IK08

Request pricing & availability

Request a product quote at truled.com

Include any configuration reference, quantities, required lengths and project location.

A configuration reference identifies a published specification row. A row may list multiple options; it is not confirmation that every option is included. This sheet is not an installation instruction or an approved project submittal.