

Trinity
Outdoor Chain Lights

TN01 | TN03 | TN06

Fixture Type: _____
Project: _____
Catalog#: _____
Location: _____



PRODUCT DESCRIPTION

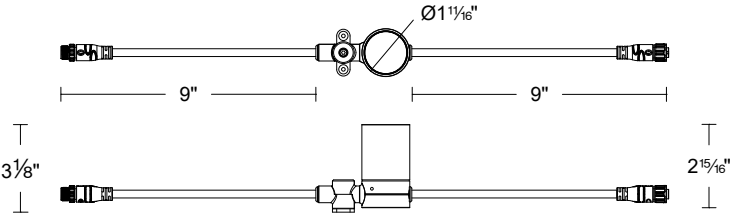
Trinity is a professional LED flexible linear light designed by WAC for high-end outdoor lighting applications. With its compact form and all-glass surface design, Trinity offers a clean, elegant aesthetic suited for modern architectural environments. Its multi-directional adjustable angles accommodate a variety of applications. A wide range of accessories is available to support diverse installation requirements and lighting solutions.

SPECIFICATIONS

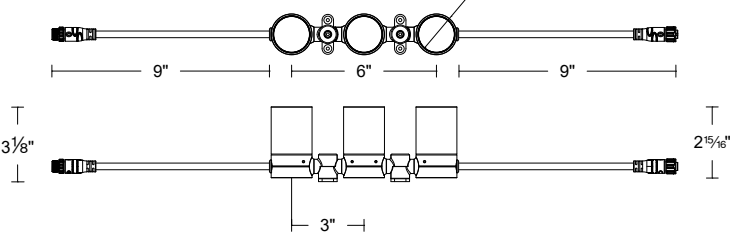
Construction:	Durable die-cast aluminum construction
Mounting:	Outdoor installation
Light Source:	3-step Mac Adam Ellipse Rated life of 50,000 hours at L70
Input:	24 VDC, Class II
Power:	6W (TN01), 16W (TN03), 33W (TN06)
Maximum Delivered Intensity:	Up to 780 cd per head
Maximum Delivered Output:	Up to 100 lm per head
Operating Temperature:	-4°F to 122°F (-20°C to 50°C)
Standards:	UL & cUL Wet location listed, IP65
Warranty:	5 year WAC Lighting guaranteed warranty

LINE DRAWING

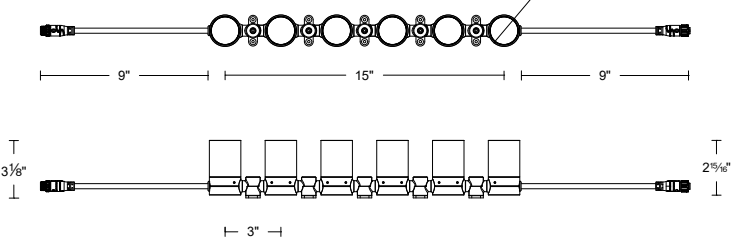
TN-01



TN-03



TN-06



BEAM ANGLES



Model	Size	Beam	*Lumens	*CBCP
TN	01	S 15°	124	783
		N 25°	130	497
		W 60°	91	74
		E 35°x45°	100	168
	03	S 15°	379	2,233
		N 25°	392	1,539
		W 60°	273	223
		E 35°x45°	297	505
	06	S 15°	758	4,466
		N 25°	783	3,077
		W 60°	547	445
		E 35°x45°	595	1,012

*Lumens and CBCP are reference values for 3000K Color Temperature. Refer to Multiplier Table in Performance Data to determine other outputs.

Trinity
Outdoor Chain Lights

TN01 | TN03 | TN06

Fixture Type:

Project:

Catalog#:

Location:

ORDERING INFORMATION

CONFIGURATION TABLE				
Model & Power	Color Temperature & CRI	Dimming	Beam Angle	Housing Finish
TN01	RGBW30 - 3000K - 80 CRI	D - DMX512-A	S - Spot 15°	BK - BLACK
TN03	RGBW40 - 4000K - 80 CRI		N - Narrow Flood 25°	
TN06	RGBW57 - 5700K - 80 CRI		W - Wide Flood 60° E - Elongating 35° x 45°	

TN__-RGBW__D-_-BK
Example: TN03-RGBW40D-W-BK

Power Supplies	Power	Dimming Range
DMX512-A and 0-10V		
PS-OD24-U100R-DL	96W	10 - 100%

ACCESSORIES			
WL-LW01-BK	Window Light Lead In Cable - 1ft	TN-SHR-BK	Trinity Asymmetric Shroud - Black
WL-LW05-BK	Window Light Lead In Cable - 5ft	TN-SNT-BK	Trinity Symmetric Snoot - Black
WL-LW10-BK	Window Light Lead In Cable - 10ft	TN-SMB-BK	Trinity Surface Mount Bracket - Black
WL-LW20-BK	Window Light Lead In Cable - 20ft	TN-SMBS-BK	Trinity Surface Mount Bracket Spacer - Black
WL-LW25-BK	Window Light Lead In Cable - 25ft	TN-SMA-BK	Trinity Stake Mount Adapter 9" Stake - Black
WL-JC01-BK	Window Light Jumper Cable - 1ft	TN-TMB-BK	Trinity Strap Mount Bracket - Black
WL-JC05-BK	Window Light Jumper Cable - 5ft	TN-STRAP-BK	Trinity Strap - Black
WL-JC10-BK	Window Light Jumper Cable - 10ft	TN-HCL-BK	Trinity Honeycomb Louver - Black
WL-JC20-BK	Window Light Jumper Cable - 20ft	TN-LEN-BEL-H	Trinity Horizontal Elongating Beam Lens
WL-JC25-BK	Window Light Jumper Cable - 25ft	TN-LEN-BEL-V	Trinity Vertical Elongating Beam Lens
WL-JCY01-BK	Window Light 3 Way Jumper Cable - 1ft	TN-LEN-BEL-U	Trinity Elongating Beam Lens
WL-JCY05-BK	Window Light 3 Way Jumper Cable - 5ft	9000-ST9-BZ	Landscape Stake - Bronze
WL-JCY10-BK	Window Light 3 Way Jumper Cable - 10ft		
WL-JCY20-BK	Window Light 3 Way Jumper Cable - 20ft		
WL-JCY25-BK	Window Light 3 Way Jumper Cable - 25ft		
WL-JC-ENDCAP-BK	Window Light Cable End Cap		

Trinity
Outdoor Chain Lights

TN01 | TN03 | TN06

Fixture Type:

Project:

Catalog#:

Location:

FEATURES

Optics: Full RGBW range available at three different CCTs of 3000K, 4000K, and 5700K	Construction: Durable die-cast aluminum construction
LED: - High output LED with a 3-step Mac Adam ellipse - Rated operational life of 50,000 hours at L70 (LED maintains 70% of its initial delivered lumens when brand new for 50,000 hours of use.)	Trim and Reflector: Beam angles of 15°, 25°, 60°, and an elongating 35° x 45° are available
Electrical: Trinity is a low voltage fixture with an operating voltage of 24 VDC	Installation: Trinity is suitable for outdoor installations and is IP65 wet location listed
Dimming: DMX512-A is integrated for dimming control	Warranty: - WAC Architectural limited warranty up to 5 years - Full warranty found at: waclighting.com/warranty
Notes: The Black finish is electrostatically powder coated	

Trinity
Outdoor Chain Lights

TN01 | TN03 | TN06

Fixture Type:

Project:

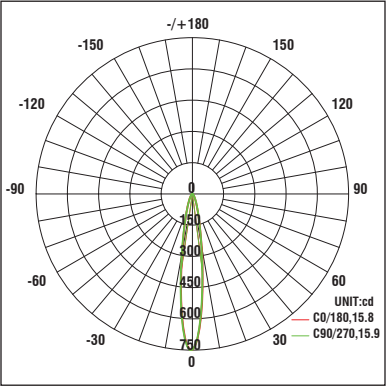
Catalog#:

Location:

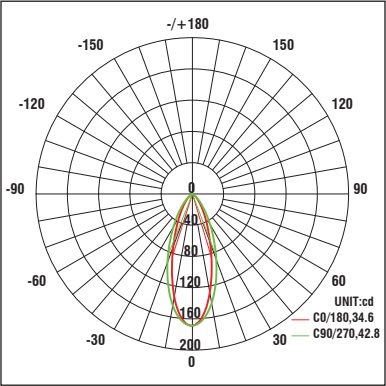
PERFORMANCE DATA

Polar Candela Distribution Charts
Samples shown from a fixture set to 3000K.

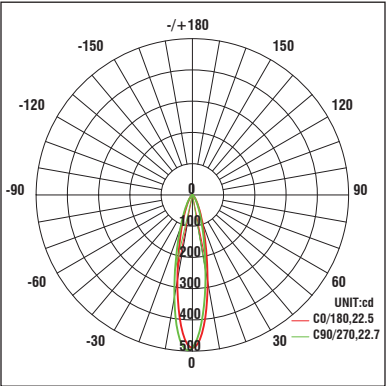
Spot Beam: 15°



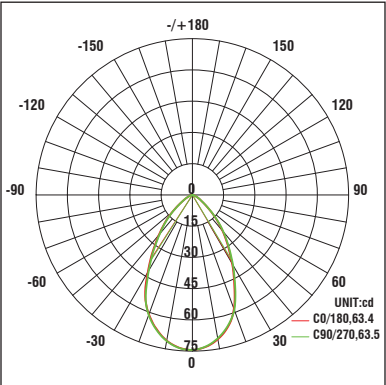
Elongating Beam: 35° x 45°



Narrow Flood Beam: 25°



Wide Flood Beam: 60°



Trinity
Outdoor Chain Lights

TN01 | TN03 | TN06

Fixture Type:

Project:

Catalog#:

Location:

PERFORMANCE DATA

Unified Glare Rating (UGR) Table
Samples shown from a fixture set to 3000K.

Round Fixture	Angle	UGR Range
Spot	15°	≤17
Narrow Flood	25°	≤16
Wide Flood	60°	≤22
Elongating	35° x 45°	≤20

Lumens and CBCP Multiplier Table
Use the below table to determine lumens and CBCP values for the combinations of power, color temperature, and CRI values.

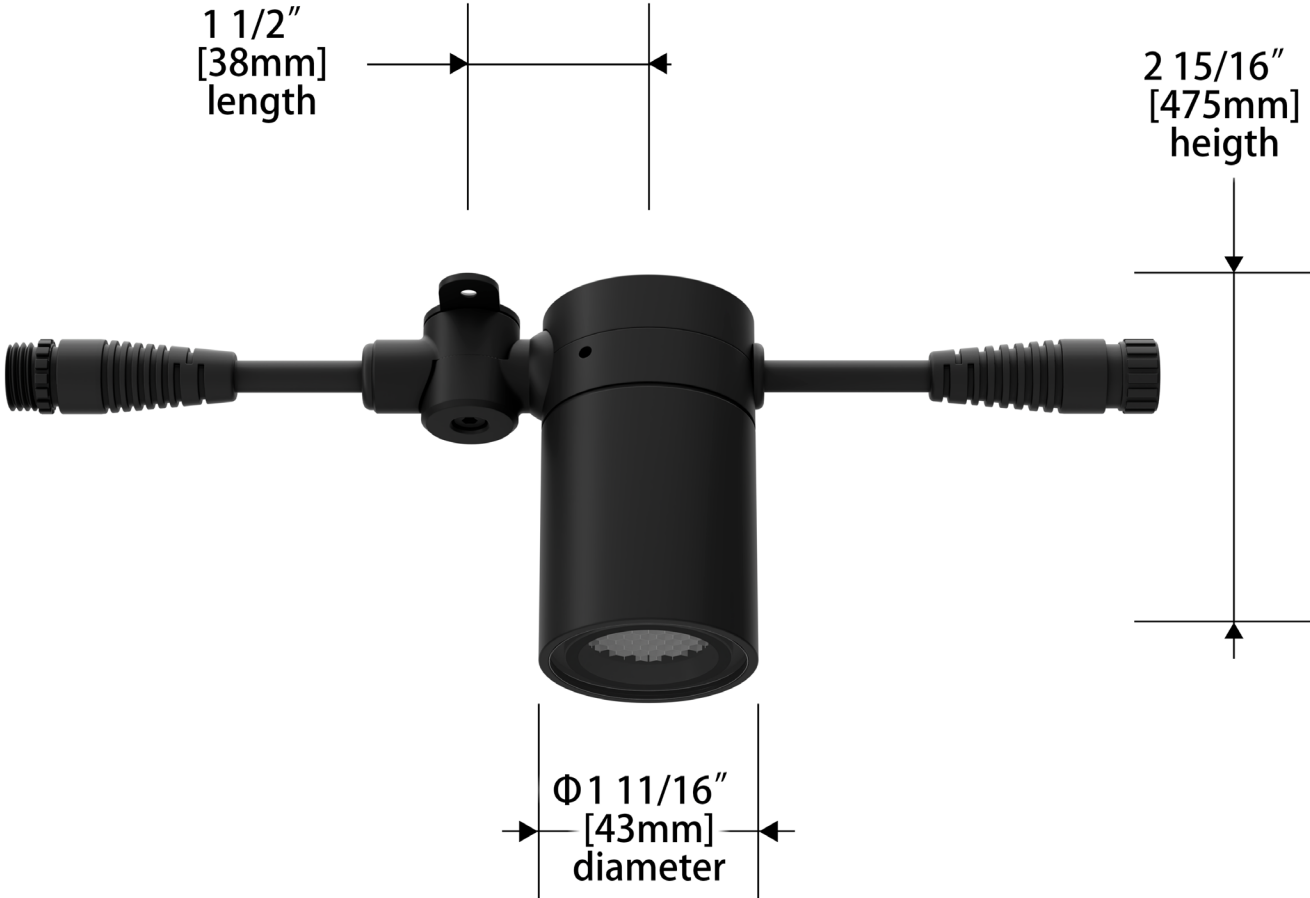
Color Temperature				
2700K	3000K	3500K	4000K	5000K
0.96	1.00	1.02	1.07	1.12

Trinity
Outdoor Chain Lights

TN01 | TN03 | TN06

Fixture Type: _____
Project: _____
Catalog#: _____
Location: _____

DIMENSIONAL DIAGRAMS



Trinity
Outdoor Chain Lights

TN01 | TN03 | TN06

Fixture Type: _____
Project: _____
Catalog#: _____
Location: _____

WIRING DIAGRAM

