



# PICO Series

## PICO

### Channel Letter Signage Lighting



#### features

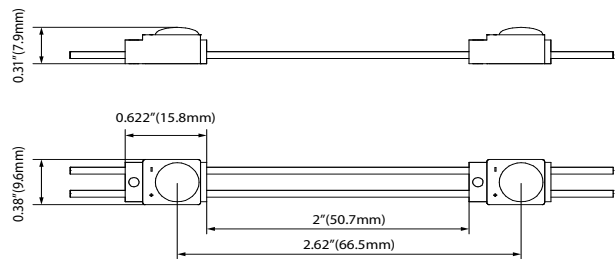
- Perfect for small channel letters with narrow strokes
- Widest beam angle in its class
- Packed with Bitro's strict LED control for color consistency
- Semi-rigid wire for easy cable management
- Easy-peel double-sided tape
- High lumen efficacy, 116.67 lm per Watt
- Maximum 150 modules per Class 2 power supply

#### overview

As a leading LED lighting solution provider in low-profile channel letters, Bitro is proud to introduce its latest innovative product, PICO. It is small and flexible allowing for easy installation in very narrow and low-profile applications. PICO also offers consistent colors as well as the widest beam angle in its class. With its robust body design, PICO is suitable for use in all dry and damp locations.

models/part	description
PCO-PI-BW65	PICO Bright White 6500K
PCO-PI-DW50	PICO Day White 5000K
PCO-PI-SW40	PICO Soft White 4000K
PCO-PI-WW30	PICO Warm White 3000K
PCO-PI-R	PICO Red
PCO-PI-G	PICO Green
PCO-PI-B	PICO Blue

#### models & dimension



I-bulb, PICO body, 5 modules per foot  
210 lm/ft(PCO-PI-BW65), 30 linear ft max load on ASU-60-12U





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#### specifications

Item	Series Name	PICO PI White Series				PICO PI Color Series
Model	Model Name	PICO Bright White	PICO Day White	PICO Soft White	PICO Warm White	PICO Color Red/Green/Blue
	Model #s	PCO-PI-BW65	PCO-PI-DW50	PCO-PI-SW40	PCO-PI-WW30	PCO-PI-R PCO-PI-G PCO-PI-B
	Physical Dimensions	0.622" x 0.38" x 0.31"				
Applications	# LED Bulbs / Module	1 lamp				
	# Modules per ft	5 mods/ft				
	Lumen per Foot	* 210 lm/ft				
	Lumen per Module	* 42 lm/mod				
	LED Color	6500K Bright White	5000K Day White	4000K Soft White	3000K Warm White	Red, Green, Blue
Electrical	Power Consumption Per Module	0.36 w/mod				
	Power Consumption Per Foot	1.8 w/ft				
	Recommended LED Power Supply	Bitro Alpha Slimline 60W-12V (ASU-60-12U)				
	# Modules per ASU-60-12U (60W-12V)	150 mods				
	Linear footage per ASU-60-12U (60W-12V)	30 linear ft				
Common Specs	Lumen Efficacy (lm/w)	* 116.67 lm/w				
	Input Voltage	12VDC				
	Viewing Angle	155°				
	Operating Temperature	-30°C ~ 70°C / -22°F ~ 158°F				
	Waterproof Rating	IP66. UL approved for Dry and Damp Locations				
	Application Method	Double-sided tape				
	Certifications	cULus, cRUus, CE, CSA, RoHS				
Ordering & Packaging	UL File # / Ref. #	E341583, BT-CLM, "Channel Letter Modules"				
	CSA File # / Ref. #	258485, "BT-CLM"				
	CE Ref. #	"BT-CLM"				
	** Sub-Carton (SC)	# mods / SC	100			
Ordering & Packaging	Master Carton (MC)	# ft / SC	20			
		# mods / MC	2800			
		# ft / MC	560			

\* Value displayed is for 6500K only  
 \*\* Minimum Ordering Unit = 1 sub-carton

revised: 08/09/19

#### layout service

Please email [estimate@bitrogroup.com](mailto:estimate@bitrogroup.com) with drawings for prompt layout services.

#### contact bitro

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