



OmegaOPTICS (OTS)

KillerBee (OTSK)

Channel Letter & Sign Cabinet Lighting



KillerBee Bright White (OTSK-X3-BW65)

overview

Optics KillerBee (OTSK) is Bitro's newest, small-body addition to the OmegaOptics (OTS) lineup. KillerBee is built with the same wide-beam optics enhancements, ultrasonic fusion waterproofing, and constant-current technology as the BusyBee (OTSB) model, but is offered with a smaller housing ideal for standard, low-profile, and narrow channel letters.

KillerBee provides superior brightness, illumination uniformity, output efficiency, and cost savings consistent with Bitro's Optics BusyBee series.

KillerBee and BusyBee are the solutions for customers who need the best in channel letter module technology in an economical package!

models	description
OTSK-X3	"Optics KillerBee". Small Body, 3-bulb module, 160 lm/ft, max 32ft per 60W power supply

features

- Superior brightness and 162° degree beam angle
- Constant Current Technology
- High quality parts and reliable manufacturing for excellent performance
- Designed for uniform illumination with durable, dependable and long-lasting construction
- Bitro's thru-wire interconnect technology for minimum voltage drop and maximum efficiency
- Backed by 5-year warranty

models & dimension



3-bulb, medium body, 2 modules per foot
160 lm/ft, max load: 32 ft on ASU-60-12U



Constant Current Technology

IP68

5-YEAR WARRANTY



LM80



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specifications

Item	Series Name	OmegaOPTICS (OTS) Series	
Model	Model Name	KillerBee (OTSK)	
	Model #	OTSK-X3	
	Intended Applications	Standard, thin stroke, and low profile channel letters	
	Physical Dimensions	1.85" x 0.47" x 0.35" (46.9mm x 12mm x 8.9mm)	
	# LED Bulbs / Module	3 lamps	
Applications	# Modules per ft	2 mods/ft	
	* Lumen per Foot	160lm/ft	
	* Lumen per Module	80 lm/mod	
Electrical	Power Consumption	Per Module	0.84 w/mod
		Per Foot	1.68 w/ft
	Recommended LED Power Supply	Alpha Slimline 12V-60W Class 2 Power Supply (ASU-60-12U)	
	# Modules per ASU-60-12U (60W-12V)	64 mods	
	Linear footage per ASU-60-12U (60W-12V)	32 linear ft	
	* Lumen Efficacy(Lm/w)	95 lm/w	
Colors, SKUs	Color	Color Specs	SKUs
	Bright White	6500K	OTSK-X3-BW65
Common Specs	Input Voltage	12VDC	
	Viewing Angle	162°	
	Operating Temperature	-30°C ~ 70°C / -22°F ~ 158°F	
	Housing	ABS styrene copolymer, Polycarbonate Optics	
	Wire	AWG18, 1007, UL Approved	
	Waterproof Rating	IP68. UL approved for Dry, Damp, and Wet locations	
	Application Method	Double-sided tape Mounting Hole for Mechanical Fastening	
	Warranty	5-Year Warranty	
	Certifications	UL Recognized (SAM) for US & Canada, CE, CSA	
		UL File # Model #	E341583, BT-OTS "Channel Letter Modules"

layout service

For prompt layout services, please provide scaled & detailed drawings to: estimate@bitrogroup.com

contact bitro

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