

**Aumictech**

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Data Sheet

August 13, 2026

SCHOTT / FOSTEC

Schott / Fostec A29506 Lamp Socket Cord

Schott Fostec A29506 Lamp Socket Cord for ACE and DCR Series The Schott / Fostec A29506 is the catalog lamp socket (lamp socket cord) for ACE series and DCR series halogen fiber-optic light sources. It restores lamp seating and electrical contact when the original socket is worn, heat-stressed, loose, or intermittent. It is a lighting accessory, not a KL-series LED source part. Compatible illuminators use 150 W tungsten-halogen MR-16 lamps (EJA, EKE, DDL) in Modulamp assemblies. Replacement of heat-aged sockets in SCHOTT ACE, ACE 1, and DCR series ColdVision halogen illuminators; microscope and machine-vision fiber-optic lighting service; restoring consistent lamp contact without replacing the entire light source. The Schott / Fostec A29506 is the catalog lamp socket (lamp socket cord) for ACE series and DCR series halogen fiber-optic light sources. It restores lamp seating and electrical contact when the original socket is worn, heat-stressed, loose, or intermittent. It is a lighting accessory, not a KL-series LED source part. Compatible illuminators use 150 W tungsten-halogen MR-16 lamps (EJA, EKE, DDL) in Modulamp assemblies. Replacement of heat-aged sockets in SCHOTT ACE, ACE 1, and DCR series ColdVision halogen illuminators; microscope and machine-vision fiber-optic lighting service; restoring consistent lamp contact without replacing the entire light source.



MODEL

**Schott / Fostec
A29506**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

A29506

LISTING

<https://aumictechlabs.com/products/a29506-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Schott/Fostec A29506 Lamp Socket Cord is a precision illumination accessory engineered for halogen lamp systems in microscopy, endoscopy, and machine vision applications. This component delivers electrical connection and control functions for 150 W halogen lamps within the ACE® and DCR® series light source platforms. Manufactured in the USA, it integrates solid-state dimming, thermal protection, and optical filtering into a compact, field-serviceable assembly.

Technical Specifications
Electrical Input voltage: 115 VAC / 60 Hz and 230 VAC / 50/60 Hz (light source supply)
Output voltage: 1.0 to 21 VAC at 60 Hz
Control voltage input: 0 to 5 VDC
Lamp rating: 150 W halogen
Physical Housing: Grounded metal, black finish
Weight: 0.02 kg
Optical Active diameter: 0.60 inch (full illumination specification)
IR interference filter: Included

Key Features
Solid-state dimmer enables continuous intensity control from zero to full output
Built-in thermal shutdown prevents overheating during extended operation
Heavy-duty grounded metal housing ensures durability and electrical safety
IR interference filter reduces thermal load in specimen plane
Modulamp® unit compatibility supports interchangeable lamp assemblies with variable efficiencies

Typical Applications
Transmitted and reflected light microscopy
Endoscopic illumination systems
Machine vision inspection and measurement
Precision imaging requiring adjustable illumination intensity

Compatibility & Integration
Light Source Series Schott/Fostec ACE® series Schott/Fostec DCR® series
Lamp Types EJA 150 W halogen EKE 150 W halogen DDL 150 W halogen
System Integration Designed to work with Modulamp® assemblies, color filters, and mounting brackets for ACE and DCR platforms. Compatible with external control devices accepting 0 to 5 VDC input signals.

Features & description

From manufacturer datasheet

Features

- Catalog lamp socket for ACE series and DCR series light sources
- Restores proper lamp seating and electrical contact
- Pairs with Modulamp assemblies A08301 / A08321 (EKE, EJA, DDL)
- Intended for 150 W MR-16 halogen lamps (EJA 21 V, EKE 21 V, DDL 20 V)
- Not for SCHOTT KL-series LED light sources
- Accessory only; lamp and Modulamp ordered separately

A29506 Characteristics / Specifications

PARAMETER	VALUE
Model	A29506
Manufacturer	Schott / Fostec (SCHOTT North America Fiber Optics)
Instrument Type	Lamp Socket Cord / Replacement Lamp Socket
Series	ColdVision ACE and DCR accessories
Alias	A29506; Schott A29506; Fostec A29506
Catalog Function	Lamp Socket for ACE series and DCR series light sources
Compatible Sources	ACE, ACE 1, ACE1, DCR series halogen fiber-optic illuminators
Incompatible Family	SCHOTT KL series LED light sources
Companion Modulamp Standard	A08301 lampholder for EKE lamp
Companion Modulamp EJA	A08301.1 lampholder for EJA lamp
Companion Modulamp DDL	A08301.2 lampholder for DDL lamp
Iris Modulamp EKE	A08321 lampholder for EKE
Iris Modulamp EJA	A08321.1
Iris Modulamp DDL	A08321.2
Lamp Type EJA	A08110, 21 V, 150 W, GX5.3, MR-16, 3350 K, 40 hr rated (500 hr with dimmer at 80 percent)
Lamp Type EKE	A08120, 21 V, 150 W, GX5.3, MR-16, 3250 K, 200 hr rated (2000 hr with dimmer at 80 percent)
Lamp Type DDL	A08130, 20 V, 150 W, GX5.3, MR-16, 3150 K, 500 hr rated (5000 hr with dimmer at 80 percent)
Fiber Input Illumination	full illumination on 0.60 in (15 mm) active diameter input (Modulamp family)
Lamp Base	GX5.3
Lamp Shape	MR-16 dichroic reflector
Lamp Fill	halogen
Burn Position	base down / horizontal (lamp table)
Related Dimmer Lock	A29502 for ACE/DCR dimmer

PARAMETER	VALUE
Related Rear Baffle	A29504 for ACE/DCR
Related Shutter Module	A08390 / A08391 family on ACE/DCR
Product Dimensions Listing	8.76 in x 1.49 in x 8.76 in (retail listing)
Item Weight Listing	0.8 ounces (retail listing)
Warranty Family	Modulamp 2-year warranty excludes lamp and socket
Origin Family	manufactured in the USA (ColdVision accessory sheets)
Source Housing Family	ACE compact AC halogen with solid-state dimmer; DCR series
IR Filter Family	IR interference filter for cool illumination on ACE/DCR Modulamp
Thermal Feature Family	built-in thermal shutdown on ACE light source family Notes True accessory with sparse socket-only electrical tables. Rows are verified Schott/Fostec ColdVision catalog compatibility (ACE/DCR, Modulamp, EJA/EKE/DDL). Do not invent socket current or temperature ratings. Confirm ACE versus DCR housing and lamp type on the Modulamp label.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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PARAMETER	VALUE
Model	A29506
Manufacturer	Schott / Fostec (SCHOTT North America Fiber Optics)
Instrument Type	Lamp Socket Cord / Replacement Lamp Socket
Series	ColdVision ACE and DCR accessories
Alias	A29506; Schott A29506; Fostec A29506
Catalog Function	Lamp Socket for ACE series and DCR series light sources
Compatible Sources	ACE, ACE 1, ACE1, DCR series halogen fiber-optic illuminators
Incompatible Family	SCHOTT KL series LED light sources
Companion Modulamp Standard	A08301 lampholder for EKE lamp
Companion Modulamp EJA	A08301.1 lampholder for EJA lamp
Companion Modulamp DDL	A08301.2 lampholder for DDL lamp
Iris Modulamp EKE	A08321 lampholder for EKE
Iris Modulamp EJA	A08321.1
Iris Modulamp DDL	A08321.2
Lamp Type EJA	A08110, 21 V, 150 W, GX5.3, MR-16, 3350 K, 40 hr rated (500 hr with dimmer at 80 percent)
Lamp Type EKE	A08120, 21 V, 150 W, GX5.3, MR-16, 3250 K, 200 hr rated (2000 hr with dimmer at 80 percent)
Lamp Type DDL	A08130, 20 V, 150 W, GX5.3, MR-16, 3150 K, 500 hr rated (5000 hr with dimmer at 80 percent)
Fiber Input Illumination	full illumination on 0.60 in (15 mm) active diameter input (Modulamp family)
Lamp Base	GX5.3
Lamp Shape	MR-16 dichroic reflector
Lamp Fill	halogen
Burn Position	base down / horizontal (lamp table)
Related Dimmer Lock	A29502 for ACE/DCR dimmer
Related Rear Baffle	A29504 for ACE/DCR

PARAMETER	VALUE
Related Shutter Module	A08390 / A08391 family on ACE/DCR
Product Dimensions Listing	8.76 in x 1.49 in x 8.76 in (retail listing)
Item Weight Listing	0.8 ounces (retail listing)

Warranty Family: Modulamp 2-year warranty excludes lamp and socket

Specifications

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Origin Family	manufactured in the USA (ColdVision accessory sheets)
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Notes
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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.