

Halogen Lamps & Modulamp Assemblies

Lamp Features

- Use with ACE® Series and DCR® Series light sources
- 150 watt tungsten halogen bulbs: EJA, EKE and DDL types available
- The correct lamp for your light source is specified on the label located on the front of the Modulamp Unit
- See specifications on the next page

Modulamp Assembly Features

- Assures maximum light delivery to fiber optic components
- Use with all ACE® Series and DCR® Series light sources
- Full illumination on .60" (15 mm) active diameter input
- Interchangeable Modulamp Units offer 2 lamp positions to maximize individual lamp efficiencies
- Choice of three, 150 watt halogen lamps - EJA, EKE, DDL
- IR interference filter for cool illumination
- Iris version also available (made-to-order)

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EJA, EKE and DDL Lamps



Modulamp Assembly, A08301



Iris Diaphragm, A08321, A08321.1, A08321.2

150 Watt Halogen Lamps

Part No.	Type	Description
A08110	EJA	21 V, 3350° K color temperature; Most intense, Rated 40 hrs, 500 hrs w/ a dimmer*
A08120	EKE	21 V, 3250° K color temperature; High output for most applications; Rated 200 hrs, 2000 hrs w/ a dimmer*
A08130	DDL	20 V, 3150° K color temperature; Most uniform output; Rated 500 hrs, 5000 hrs with a dimmer*

*Voltage reduced to 80% of full intensity.

Modulamp Assemblies

Part No. Type	Description
Standard (without lamp)	
A08301	Lampholder for EKE Lamp
A08301.1	Lampholder for E J A Lamp
A08301.2	Lampholder for DDL Lamp
Iris Diaphragm (without lamp) *	
A08321	Lampholder for EKE Lamp
A08321.1	Lampholder for E J A Lamp
A08321.2	Lampholder for DDL Lamp

* Made-to-order products



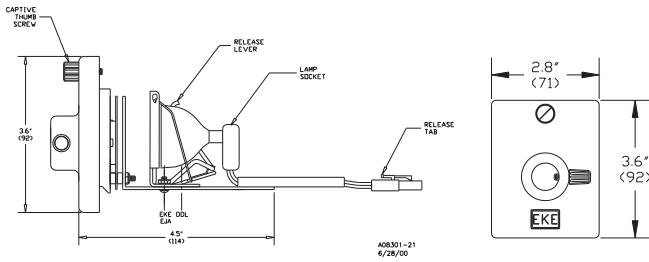
Lamp Socket

Lamp Socket

Part No.	Description
A29506	Lamp Socket for ACE® Series and DCR® Series light sources.

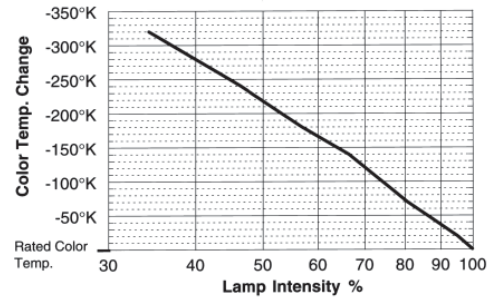
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Dimensions in () are in mm

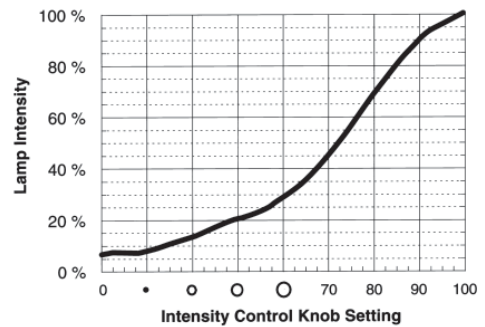


A08301, A08301.1 & A08301.2 - Modulamp Assemblies Front View of Modulamp Assembly

Color Temperature Change vs. Lamp Intensity

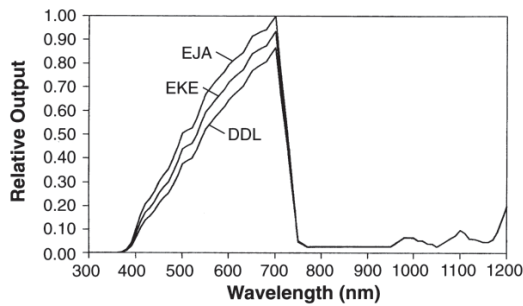


Lamp Intensity vs. Intensity Control Knob Setting

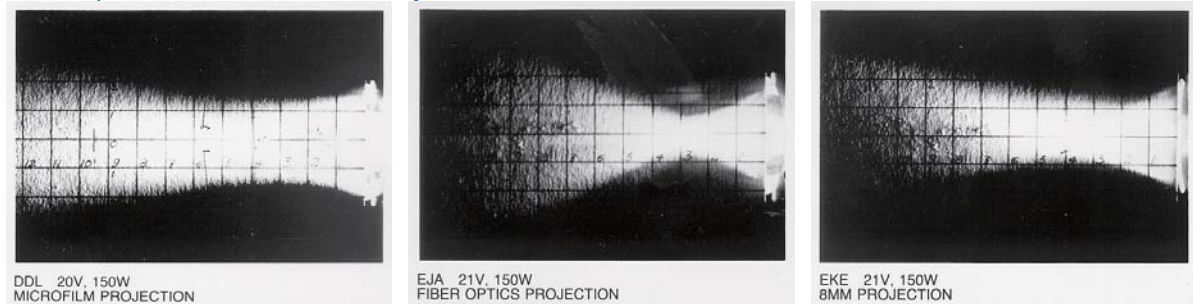


Note: If the intensity control knob is turned to the R (Remote) position, lamp intensity control is switched to the rear 9-pin connector. Front panel intensity control will always override the remote intensity control.

Spectral Curves w/Interference IR Filter



A08110, A08120 & A08130 - Lamp Beam Patterns



Beam Patterns are Courtesy of GE

Lamp Specifications

Bulb Type	Voltage	Wattage	Lamp Base	Bulb Finish	Burn Position	Shape	Color Temp.	Filament	Lamp Fill	Lamp Life	Overall Length (mm)	Reflector Design	Reflector Size (mm)	Working Distance (mm)
EJA	21	150	GX5.3	Clear	Base/Down Horiz.	MR-16	3350	CC-6	Halogen	40 Hrs.	44.5	Dichroic	50.7	28.0
EKE	21	150	GX5.3	Clear	Base/Down Horiz.	MR-16	3250	CC-6	Halogen	200 Hrs.	44.5	Dichroic	50.7	44.5
DDL	20	150	GX5.3	Clear	Base/Down Horiz.	MR-16	3150	CC-6	Halogen	500 Hrs.	44.5	Dichroic	50.7	194.5

Lamp Intensity vs. Time

