

# Halogen Lamps & Modulamp Assemblies

For ACE® and DCR® Series Light Sources



EKE 150 Watt Halogen Lamp, A08120



DDL 150 Watt Halogen Lamp, A08130



Modulamp Assembly, A08301, with lamp socket, A29506



Iris Diaphragm, A08321.2

## 150 Watt Halogen Lamps

Part No.	Type	Description
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; high output for most applications; Rated 200 hrs, 2000 hrs w/ a dimmer*

\*Voltage reduced to 80% of full intensity

## Product and Performance Characteristics

### Lamp Features

- Use with ACE® Series and DCR® Series light sources
- 150 watt tungsten halogen bulbs: 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

### 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 two, 150 watt halogen lamps - EKE, DDL
- IR interference filter for cool illumination
- Iris version also available (made-to-order)

## Modulamp Assembly - Standard without Lamp

Part No.	Description
A08301	Lamp holder for EKE lamp
A08301.2	Lamp holder for DDL lamp

## Modulamp Assembly – in Diaphragm without Lamp

Part No.	Description
A08321	Lamp holder for EKE lamp
A08321.2	Lamp holder for DDL lamp

## Lamp Socket

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



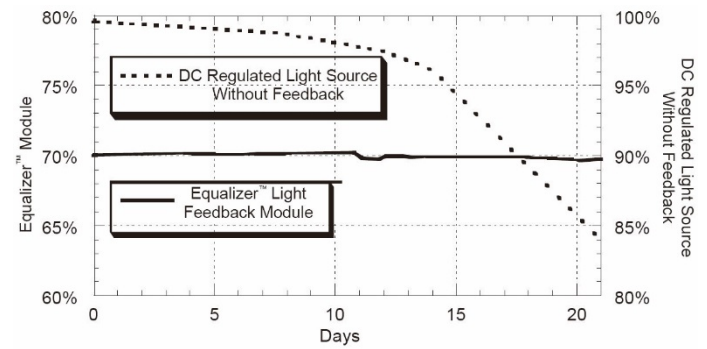
Version 02.2017



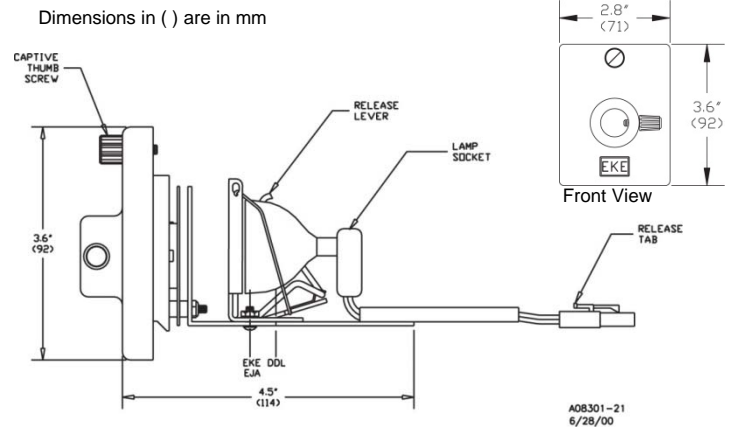
## Lamp Specifications

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

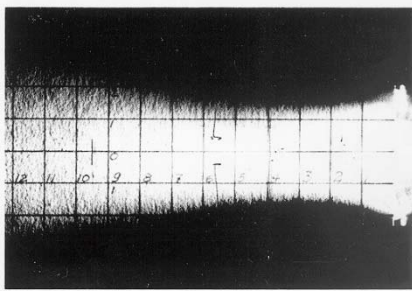
## Lamp Intensity vs. Time



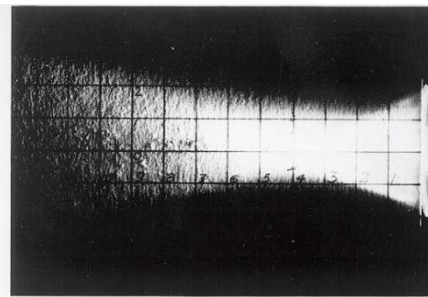
## A08301, A08301.2 Modulamp Assembly



## A08120 & A08130 – Lamp Beam Patterns

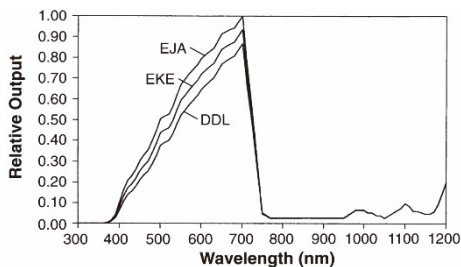


DDL 20V, 150W  
MICROFILM PROJECTION

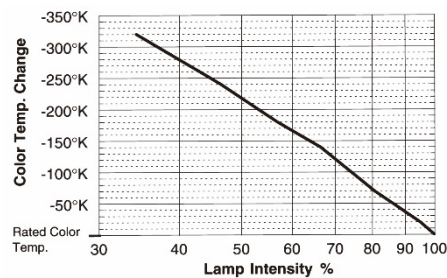


EKE 21V, 150W  
8MM PROJECTION

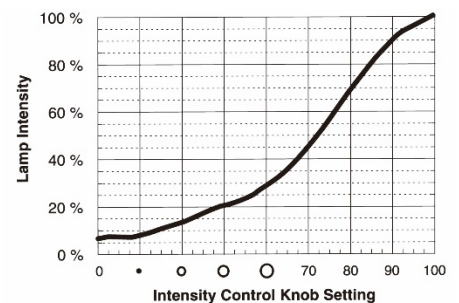
## Spectral Curves w/Interference IR Filter



## Color temperature Change vs. Lamp Intensity



## Lamp Intensity vs. Intensity Control Knob Setting



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