

Descriptive specification

General

The luminaire shall be a recessed color changer with eight interchangeable dichroic color filters (plus open white). It shall have an adjustable spherical head that can be angled and swiveled to point in any outwards facing position. It shall be able to be used as either a recessed ceiling fixture, or be positioned in a wall as an uplight, downlight or sidelight.

Mechanical effects

The luminaire shall provide 8 dichroic glass filters and an open position.

Control

The luminaire shall be controlled via separate driver unit that responds to the USITT DMX512 protocol. The color filter selection and change speed shall be controllable via the driver unit. A dedicated control device shall be able to be connected to the driver unit.

Housing

The luminaire shall have a die cast aluminum and polyamide PA 6 (30% glass) housing with an aluminum and gray finish. The housing shall be convection cooled.

Installation

The luminaire shall operate indoors at any orientation.

Electrical

The luminaire shall operate at 12 volts DC. The luminaire shall conform to CE safety standard EN 60598-2-2. The luminaire shall be dimmable with the use of an appropriate transformer.

Environmental

The luminaire shall operate in ventilated areas at temperatures not to exceed 40° C (104° F).