

# LSS



## UGL – Umgangsleuchte

### LED working light for catwalks and battens

The LSS UGL has been developed for illuminating catwalks in theaters and television studios. It is equipped with energy-saving and low-maintenance white and blue light LEDs, which can either be switched directly on the device with a three-point switch or switched and dimmed by a console via DMX. The advantages of the DMX controlled white/blue light switchover are:

- Optical signal whether a rehearsal (white) or a performance (blue) is running on stage
- The light intensity of the LSS UGL is dimmable
- Comfortable and safe control by RDM

The LSS UGL is powered exclusively via 24V DC PowerDMX. In addition to the DMX signal, the power supply can also be transferred to a subsequent device via the DMX-THRU. This enables up to eight luminaires in series to be supplied with voltage.

The LSS UGL can be operated with DMX control or autonomously. In autonomous operation, the luminaire is parameterized and set directly on the device. In addition to switching between white and blue light, the brightness of the luminaire can also be set manually to the percent. Also, the LSS UGL has a dimmer with which the brightness of the light can be changed quickly.

The LSS UGL supports RDM by the ESTA standards ANSI E1.20 - 2010 and ANSI E1.37-1 - 2012. In the network, the luminaire identifies itself as an RDM device with 1 root and 1 ... 4 sub-devices. The root device is the device itself plus the temperature sensor. Each sub-device corresponds to an LED channel. By default, blue and white light result in two sub-devices.

### Technical specifications:

<b>Blue LED</b>	Electric power: max. 4,0 W Wavelength: about 470 nm Stock, other LED / colors available on request.
<b>White LED</b>	Electric power: max. 18 W Luminous power: ca. 1800 lm Color temperature: optional 3000, 4000 or 5000 K CRI: $\geq 80$ Stock, other LED / colors available on request.
<b>Optional attachments</b>	<ul style="list-style-type: none"> <li>• Diffuser panel, optional honeycomb protection frame,</li> <li>• Frosted glass panel, optional honeycomb protection frame,</li> <li>• Clear glass panel, LED attachments with various beam angles</li> </ul>
<b>Connectors</b>	DMX-In: XLR, 4pin male, according to DIN 56930-2 DMX-THRU: XLR, 4pin female Optically electrically isolated.
<b>Power supply</b>	24 V DC PowerDMX
<b>Power consumption</b>	Maximum 1,1 A
<b>Number of lights per DMX supply line</b>	Maximum 8
<b>Conncting Cable PowerDMX</b>	e.g. 2LIY 2,00 mm <sup>2</sup> + LIY 0,38 mm <sup>2</sup>
<b>Operating temperature</b>	0 °C – 40 °C, not condensed
<b>Case</b>	Extruded aluminum profile, powder-coated in RAL 9005
<b>IP Code/Appliance classes</b>	IP20 / Class III
<b>RoHS</b>	Approval
<b>Weight</b>	about 1,2 kg
<b>Dimension (W x H x D)</b>	230 x 85 x 80 mm (without brackets)
<b>Order number</b>	L01015