

# LSS



## **GBL DIII - Large LED luminaire** Blue light luminaire for theaters

The LSS GBL DIII is an LED blue light for professional theater use to illuminate work galleries and corridors. The luminaire is equipped with modern LEDs that save energy, require little maintenance, and are long-lasting. The LSS GBL-DIII is available with two different brackets for installation.

The LSS GBL DIII 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 seventeen luminaires in series to be supplied with power.

The LSS GBL DIII is controlled with DMX. Alternatively, autonomous operation with PowerDMX as a power supply without control is also possible. In this case, the luminaire is parameterized and set directly on the device, if necessary, to the percent.

The LSS GBL DIII supports RDM according to 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.

## Technical Specifications:

<b>LED Blue</b>	Radiant flux: ca. 2,4 W Wavelength: 450 – 465 nm Stock, other LED/colors available on request.																						
<b>Emission and surface dimensions</b>	25° x 10°  <div style="text-align: center;"> <p>Abstrahlwinkel und Beleuchtungsfläche</p> <table border="1" style="margin: auto;"> <caption>Beam Spread and Illumination Area Data</caption> <thead> <tr> <th>Distance (m)</th> <th>Beam Diameter (m)</th> </tr> </thead> <tbody> <tr><td>1</td><td>0,3m</td></tr> <tr><td>2</td><td>0,4m</td></tr> <tr><td>3</td><td>0,6m</td></tr> <tr><td>4</td><td>0,8m</td></tr> <tr><td>5</td><td>1,0m</td></tr> <tr><td>6</td><td>1,1m</td></tr> <tr><td>7</td><td>1,3m</td></tr> <tr><td>8</td><td>1,5m</td></tr> <tr><td>9</td><td>1,7m</td></tr> <tr><td>10</td><td>1,9m</td></tr> </tbody> </table> </div>	Distance (m)	Beam Diameter (m)	1	0,3m	2	0,4m	3	0,6m	4	0,8m	5	1,0m	6	1,1m	7	1,3m	8	1,5m	9	1,7m	10	1,9m
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<b>Connectors</b>	DMX-In: XLR, 4pin male, electrically isolated DMX-THRU: XLR, 4pin female, electrically isolated																						
<b>Pin</b>	1 = GND (shield) 2 = DMX Data – 3 = DMX Data + 4 = +24 V DC																						
<b>Termination</b>	Switchable termination																						
<b>Power supply</b>	24 V DC PowerDMX																						
<b>Power consumption</b>	max. 350 mA																						
<b>Number of lights per DMX supply line</b>	max. 17																						
<b>Cable cross-section DMX supply line</b>	2,5 mm <sup>2</sup>																						
<b>IP Code / Appliance class</b>	IP20 / Class III																						
<b>RoHS</b>	Approval																						
<b>Housing</b>	1.5 mm aluminum sheet, black powder-coated (RAL 9005)																						
<b>Weight</b>	Approx. 600 g without connection cable																						
<b>Dimension (W x H x D)</b>	220 x 90 x 74 mm																						
<b>Order number</b>	L01021																						