

LSS



LED-Kanal

LED white light/blue light luminaire in duct design

LSS LED-Kanal is a white light / blue light luminaire in a compact, self-supporting duct design. Also, it can be used as a carrier for switches, connectors, etc. The LED-Kanal has been developed for use in work galleries, in towers, portal bridges, and for all other places where energy and space-saving lighting is required.

The power supply of the LSS LED-Kanal can either be via a 230 V AC mains connection and internal switching power supply, via a 24 V or 48 V DC fixed connection, or via PowerDMX.



Mounting example

The LSS LED-Kanal consists of a black powder-coated extruded aluminum profile. Further RAL colors or anodized aluminum are possible on request.

Technical Specifications:

Blue LED	Light wave: ca. 450 – 465 nm (royal blue) Light output: ca. 600 mW These values only apply to the standard design and can deviate for special designs.			
White LED	Light temperature: 5000 K Luminous flux: 1800 Lumen per LED carrier CRI: ≥ 80 These values only apply to the standard design and can deviate for special designs.			
Beam angle characteristic	Angle	0°	60°	90°
	Distance			
	1m	Ca. 700 lx	Ca. 420 lx	Ca. 220 lx
	2m	Ca. 160 lx	Ca. 96 lx	Ca. 90 lx
	3m	Ca. 75 lx	Ca. 45 lx	Ca. 24 lx
	For an LED lamp (5000 K) with structured plexiglass and 18 W/1800 lumens. These are only orientation values that depend on local conditions.			
Accessories	<ul style="list-style-type: none"> • Covers, connectors, and spare parts • Carriers and LEDs • Optics, washers, and lenses • Power supplies, cable carriers Additional accessories in the product catalog LSS Kasten- und Kanalprofile.			
Power supply	Optionally with 230 V AC, 24 V / 48 V DC or PowerDMX			
Case	Extruded aluminum profile, matt black, RAL 9005 Other colors on request.			
IP Code / Appliance class	IP 20 / 230 V AC operation: Class I 24 V/48 V DC operation: Class III			
RoHS	Approval			
Dimension	W x H: 85 x 40 mm Length: from 0,5 m			
Weight	Profile: 1,56 kg/m Lid: 0,46 kg/m			
Order number	L04010			