

code LB013.827/01

# LBS suspension perimetric emission









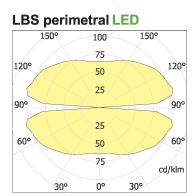












### PRODUCT DESCRIPTION

LBS is a thin band of extruded aluminium section and it is possible to install it in many different ways. It consists of basic modules and, depending on the way they are assembled, it can be arch shaped (to be installed on a wall), circular shaped (to create swinging, ceiling and trimless recessed fixtures) or it may have a curving shape (to form a band which twists and turns on the ceiling, for instance). The extruded part, representing its body, is drawn in such a way to be able to house the linear LED light source, shaded with a white opal diffuser, both on the inside vertical side and therefore to give out light on its horizontal axis, and on its narrower and horizontal side and consequently to give out light on its vertical axis (indirect one). It is also available in ceiling, pendant and trimless recessed version with diffused direct light emission. Additionally, LBS also allows to make use of directional projectors, that can be hooked and wired to the profile.

### **PRODUCT SPECS**

Installation method	Suspension
Light source	Linea Led
Absorbed power	90 W
Color temperature	2700K
Color rendering index CRI	>90
Finishing	White
Luminous flux of the product	10604 lm
Luminous efficiency	118 lm/W
MacAdam color tolerance	3
Protocol	On/Off
Energy efficiency class	D
Dimension	Ø1335 mm
IP Grade	IP40
Protection Class	Class III appliance
Product Spec	Circular shape
Power supply/Transformer	Not included
Protocol	See power supply









### **MANDATORY ACCESSORIES**

### **Electronic power supply**



code AE100.3.24V

Electronic power supply



### **OPTIONAL ACCESSORIES**

### **CANOPY CONNECTION**



code LB420/01

REGISTERED DESIGN - File Flex is a versatile extruded aluminium profile, which can design infinite shapes. Its asymmetrical section is designed to realize unique lighting effects meanwhile ensuring optimal illumination levels. The linear LED source screened by a flexible opal extruded silicone diffuser creates seamless lighting effects. The system allows the use of blind modules, multi-optic from Leva series or adjustable spot from Spot Focus series Ø26 and Ø36. It has to be completed by stabilized drivers 24V or 48V.



# Lbs System Canopy for housing driver



code LB421/01

REGISTERED DESIGN - File Flex is a versatile extruded aluminium profile, which can design infinite shapes. Its asymmetrical section is designed to realize unique lighting effects meanwhile ensuring optimal illumination levels. The linear LED source screened by a flexible opal extruded silicone diffuser creates seamless lighting effects. The system allows the use of blind modules, multi-optic from Leva series or adjustable spot from Spot Focus series Ø26 and Ø36. It has to be completed by stabilized drivers 24V or 48V.



### Lbs System Canopy for plasterboard false-ceiling

Lbs System Canopy for plasterboard false-ceiling



code LB428/01

Lbs System Canopy for plasterboard false-ceiling



### Lbs System Power cable



code LB403.2

Extruded aluminum curved profiles programme. Profile dimensions: 90 x 30 mm and radius 367 mm - 517 mm - 667 mm Available in round suspended, ceiling-mounted and trimless recessed versions (default modules), in arc-shaped wall-mounted version (default module), or as modules to assemble together to form a sinusoidal system, ceiling-mounted or suspended. Available with the following lighting emissions:horizontal from the internal or external side of the profile, direct/diffused and indirect, provided by strip led (driver to be installed remote in a separate ceiling canopy or onto the false-ceiling) or by led batten with integrated driver (on direct/diffused lighting emission only). Opal white polycarbonate diffuser. The profile can be integrated with chip on board led adjustable projectors (remote driver), to be hung to the on the profile. Degree of protection IP40/IP43.



Complies with EN605981 and related notes. In the absence of metric symbols, the measurements are all in millimetres.

Luminous flux and power data are initially subject to tolerances +/- 10%. The values refer to an ambient temperature of 25°C unless otherwise specified. We reserve the right to make changes to our products at any time.

### code LB403.4

Extruded aluminum curved profiles programme. Profile dimensions: 90 x 30 mm and radius 367 mm - 517 mm - 667 mm Available in round suspended, ceiling-mounted and trimless recessed versions (default modules), in arc-shaped wall-mounted version (default module), or as modules to assemble together to form a sinusoidal system, ceiling-mounted or suspended. Available with the following lighting emissions:horizontal from the internal or external side of the profile, direct/diffused and indirect, provided by strip led (driver to be installed remote in a separate ceiling canopy or onto the false-ceiling) or by led batten with integrated driver (on direct/diffused lighting emission only). Opal white polycarbonate diffuser. The profile can be integrated with chip on board led adjustable projectors (remote driver), to be hung to the on the profile. Degree of protection IP40/IP43.



### code LB405.2

Extruded aluminum curved profiles programme. Profile dimensions: 90 x 30 mm and radius 367 mm - 517 mm - 667 mm Available in round suspended, ceiling-mounted and trimless recessed versions (default modules), in arc-shaped wall-mounted version (default module), or as modules to assemble together to form a sinusoidal system, ceiling-mounted or suspended. Available with the following lighting emissions:horizontal from the internal or external side of the profile, direct/diffused and indirect, provided by strip led (driver to be installed remote in a separate ceiling canopy or onto the false-ceiling) or by led batten with integrated driver (on direct/diffused lighting emission only). Opal white polycarbonate diffuser. The profile can be integrated with chip on board led adjustable projectors (remote driver), to be hung to the on the profile. Degree of protection IP40/IP43.



### code LB405.4

Extruded aluminum curved profiles programme. Profile dimensions: 90 x 30 mm and radius 367 mm - 517 mm - 667 mm Available in round suspended, ceiling-mounted and trimless recessed versions (default modules), in arc-shaped wall-mounted version (default module), or as modules to assemble together to form a sinusoidal system, ceiling-mounted or suspended. Available with the following lighting emissions:horizontal from the internal or external side of the profile, direct/diffused and indirect, provided by strip led (driver to be installed remote in a separate ceiling canopy or onto the false-ceiling) or by led batten with integrated driver (on direct/diffused lighting emission only). Opal white polycarbonate diffuser. The profile can be integrated with chip on board led adjustable projectors (remote driver), to be hung to the on the profile. Degree of protection IP40/IP43.



### code LB407.2

Extruded aluminum curved profiles programme. Profile dimensions: 90 x 30 mm and radius 367 mm - 517 mm - 667 mm Available in round suspended, ceiling-mounted and trimless recessed versions (default modules), in arc-shaped wall-mounted version (default module), or as modules to assemble together to form a sinusoidal system, ceiling-mounted or suspended. Available with the following lighting emissions:horizontal from the internal or external side of the profile, direct/diffused and indirect, provided by strip led (driver to be installed remote in a separate ceiling canopy or onto the false-ceiling) or by led batten with integrated driver (on direct/diffused lighting emission only). Opal white polycarbonate diffuser. The profile can be integrated with chip on board led adjustable projectors (remote driver), to be hung to the on the profile. Degree of protection IP40/IP43.



### code LB407.4

Extruded aluminum curved profiles programme. Profile dimensions: 90 x 30 mm and radius 367 mm - 517 mm - 667 mm Available in round suspended, ceiling-mounted and trimless recessed versions (default modules), in arc-shaped wall-mounted version (default module), or as modules to assemble together to form a sinusoidal system, ceiling-mounted or suspended. Available with the following lighting emissions:horizontal from the internal or external side of the profile, direct/diffused and indirect, provided by strip led (driver to be installed remote in a separate ceiling canopy or onto the false-ceiling) or by led batten with integrated driver (on direct/diffused lighting emission only). Opal white polycarbonate diffuser. The profile can be integrated with chip on board led adjustable projectors (remote driver), to be hung to the on the profile. Degree of protection IP40/IP43.



# code LB409.2

Extruded aluminum curved profiles programme. Profile dimensions: 90 x 30 mm and radius 367 mm - 517 mm - 667 mm Available in round suspended, ceiling-mounted and trimless recessed versions (default modules), in arc-shaped wall-mounted version (default module), or as modules to assemble together to form a sinusoidal system, ceiling-mounted or suspended. Available with the following lighting emissions:horizontal from the internal or external side of the profile, direct/diffused and indirect, provided by strip led (driver to be installed remote in a separate ceiling canopy or onto the false-ceiling) or by led batten with integrated driver (on direct/diffused lighting emission only). Opal white polycarbonate diffuser. The profile can be integrated with chip on board led adjustable projectors (remote driver), to be hung to the on the profile. Degree of protection IP40/IP43.



Complies with EN605981 and related notes. In the absence of metric symbols, the measurements are all in millimetres.

Luminous flux and power data are initially subject to tolerances +/- 10%. The values refer to an ambient temperature of 25°C unless otherwise specified.

We reserve the right to make changes to our products at any time.

### code LB409.4

Extruded aluminum curved profiles programme. Profile dimensions: 90 x 30 mm and radius 367 mm - 517 mm - 667 mm Available in round suspended, ceiling-mounted and trimless recessed versions (default modules), in arc-shaped wall-mounted version (default module), or as modules to assemble together to form a sinusoidal system, ceiling-mounted or suspended. Available with the following lighting emissions:horizontal from the internal or external side of the profile, direct/diffused and indirect, provided by strip led (driver to be installed remote in a separate ceiling canopy or onto the false-ceiling) or by led batten with integrated driver (on direct/diffused lighting emission only). Opal white polycarbonate diffuser. The profile can be integrated with chip on board led adjustable projectors (remote driver), to be hung to the on the profile. Degree of protection IP40/IP43.



# **Lbs System Spot**



### code LB102.927FD/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the horizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.



# 55

### code LB102.927FD10/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the horizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.





### code LB102.927F/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the horizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.





### code LB102.927WD/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the horizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.





### code LB102.927WD10/01



### code LB102.927W/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the horizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.



### code LB102.930FD/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the horizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.





### code LB102.930FD10/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the hórizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.





### code LB102.930F/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the horizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.





### code LB102.930WD/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the horizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.





### code LB102.930WD10/01



# - 100

### code LB102.930W/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the horizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.



# 1

### code LB102.940FD/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the horizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.





### code LB102.940FD10/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the horizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.





### code LB102.940F/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the horizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.





### code LB102.940WD/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the horizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.





### code LB102.940WD10/01



### code LB102.940W/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the horizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.



### code LB103.927FD/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the horizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.



### code LB103.927FD10/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the horizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.



### code LB103.927F/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the horizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.



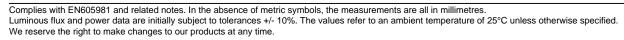
# code LB103.927WD/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the horizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.



### code LB103.927WD10/01





# - 100

### code LB103.927W/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the horizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.



# Cy

### code LB103.930FD/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the horizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.





### code LB103.930FD10/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the horizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.





### code LB103.930F/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the horizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.





### code LB103.930WD/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the horizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.





### code LB103.930WD10/01



### code LB103.930W/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the horizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.



# code LB103.940FD/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the horizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.





**Technical Sheet** 

# code LB103.940FD10/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the hórizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.



### code LB103.940F/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the horizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.



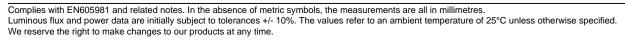
# code LB103.940WD/01

Cylindrical projector in extruded aluminium, adjustable on the vertical axis of 355, and on the horizontal axis of +/- 90, equipped with hook for installation on the profile; powder coating; with COB technology (Chip on Board) for maximum efficiency; absence of multiple shadows; Energy efficient LEDs with high color rendering; secondary lens in high transparency pmma; optical units available as accessories with replacement without tools; available accessories such as honey comb, elipsoid lens, asymmetric lens, satined lens. Color finish bianco.



### code LB103.940WD10/01







### code LB103.940W/01



