S-LINE

CE ✓RoHS
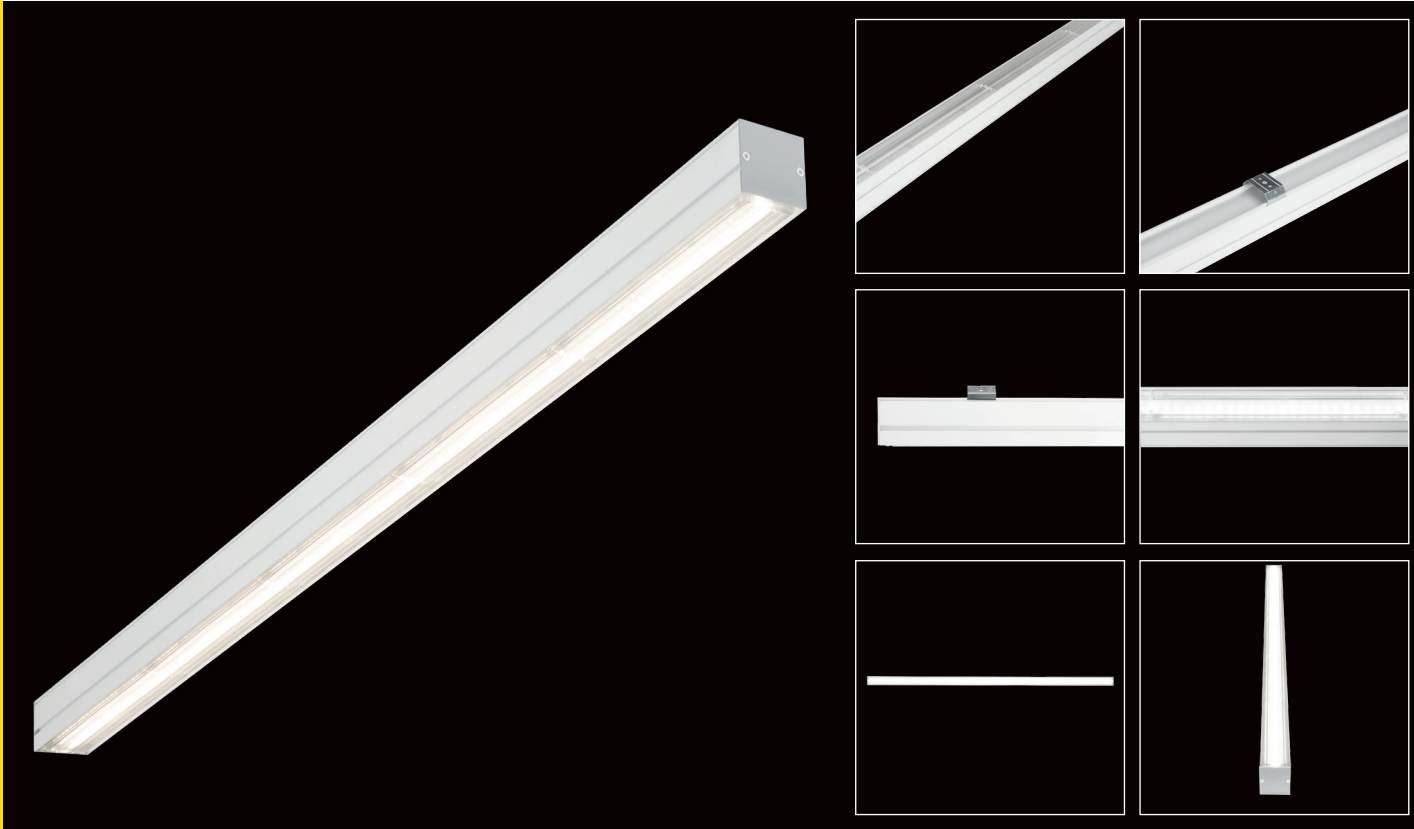
DESCRIPTION

S-LINE is a linear low-bay LED lighting system designed for industrial and commercial applications. It offers low-glare, 30°, 60°, 90° and asymmetric optics, power options from 40-80 W, DALI control and an IP20 protection rating. With tool-free, flexible mounting and the ability to be used in a continuous line or as an independent luminaire, S-LINE adapts easily to various installation needs. Built for efficiency and durability, it is an ideal solution for both new projects and lighting upgrades.

APPLICATIONS

The S-LINE lighting system is ideal for offices, shopping centers and warehouses. It is especially well-suited for illuminating stored goods on shelves and high industrial spaces, including aisles between shelving.

BENEFITS

- **Reliable producer:** Designed, developed and manufactured by ENIM, a trusted EU producer.
- **Exceptional Efficiency:** High-performance LEDs deliver up to 163 lm/W, ensuring maximum brightness with minimal energy consumption.
- **Versatile Power Options:** Available in 40 and 80 W configurations, adaptable to various lighting needs.
- **Custom lighting:** Adaptable optics offer low-glare, 30°, 60°, 90° and asymmetric options for tailored illumination.
- **Intelligent Control:** DALI compatibility enhances energy savings and user convenience.
- **Engineered for Longevity:** An anodized aluminum body, with a lifespan of up to 100,000 hours (L90 B10).
- **Simple & Convenient:** Simple design for easy integration into various environments. Designed to be used in a continuous line - up to 170 m or as an independent luminaire.
- **Tool-free and flexible mounting:** "Click in" installation requires no special tools and supports both pendant mounting (with optional extended cable) and ceiling installation for versatile setup.
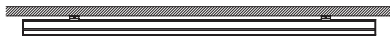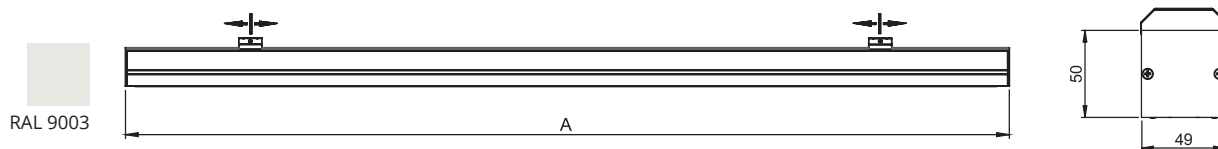
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TECHNICAL INFORMATION:

IP 20 | IK 08 | (earth symbol) | (triangle symbol)

ELECTRICAL	V	Input voltage	230
	Hz	Rated voltage	50-60 Hz
	W	Luminaire wattage	40-80
	Cosφ	Power factor	≥ 0,95
OPTICAL	Lm	Luminous flux	5880-12519
	Lm/W	Luminous efficacy	Up to 163
	K	Color temperature	3000/4000/5000
	C˚	Performance temperature	-20°C ≤ Ta ≤ +35°C
	CRI	Color rendering index	≥80

Number of LED's	4X40		5X40
Power	40	60	80
Luminous Flux, Lm	5880-6520	9420-9720	12160-12480
Efficacy, Lm/W	147-163	157-162	152-156

Chromatic tolerance (original MacAdam)	Not higher than 5
Life expectancy L/B	L90 B10 by 100000 hrs (Ta = 25 °C)

HOUSING	Size	1148 mm x 50 mm x 49 mm; 1430 mm x 50 mm x 49 mm	
	Weight	Max 1,9 kg	
	Body material	Housing - aluminum extrusion, painted	
	Protection	IP20	
	Installation	Ceiling mounting	Pendant (optional)

Single luminaire:

RAL 9003

A

50

49

Linear system:

OPTICS	Light source	Mid power LEDs
	Optics	30, 60, 90 degrees, 60x90 and 90x110 asymmetric
	Protection against light pollution	0 candela light emission above 90°

DRIVER	Input voltage	230 V
	Functions	Overload protection, Short-circuit protection, No-load protection
	Interfaces (control)	ON-OFF, DALI, emergency lighting

REMARKS	Power factor (Cosφ)	≥ 0.95
	Recommended mounting height	Up to 12 m
		Luminaires are ready to install

LOGISTIC DETAILS:

Luminaire dimensions / cm	Full pallet size/cm L*W*H	Number of luminaires per row	Number of rows	QTY per pallet/pcs	Kg per pallet		Volume per pallet	LDM (loading meters), m
					Net	Gross		
1148 X 50 X 49	120 X 80 X 90	15	14	210	399	421.4	0.864 m³	0.4
1430 X 50 X 49	150 X 80 X 90	15	14	210	420	443.6	1.08 m³	0.5

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