

# THE ENERGY-EFFICIENT HIGH BAY LED LUMINAIRE

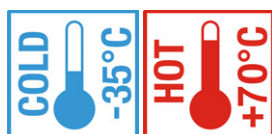
Models: LN-EN4/2L/4400, LN-EN4/2L/8000

## SAULA LED LN

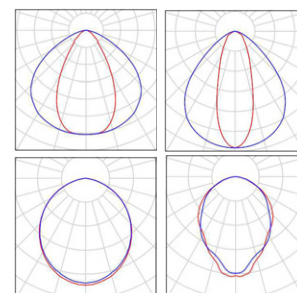
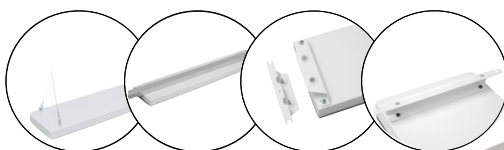
### MULTIFUNCTIONAL BESTSELLER

Our flagman product, the SAULA LED LN luminaire is widely appreciated for its outstanding features and a rich variety of modification options. SAULA LED LN has few options for optics, can be covered with either clear, matte (or matte soft diffusers) or anti-glare prismatic diffuser. This LED luminaire is the go-to option for industries dealing with extreme temperatures. Due to unique technical parameters, SAULA LED LN can be used in temperatures up to + 70°C (XT version). The system is fit to withstand over-voltages of 4kV. On special demand, protection can be increased to 10kV.

**Good to know:** SAULA LED LN has a variety of mounting options.

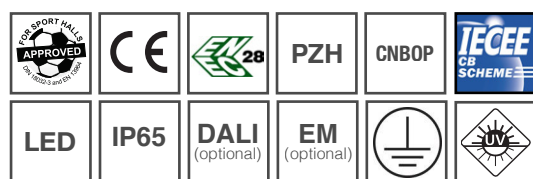


Suitable for extreme temperature conditions.  
Ask for XT modification.



Opal PMMA lid  
(optional)

Prismatic PMMA lid  
(optional)



GENERAL TECHNICAL SPECIFICATIONS		
Supply Voltage	220-240V AC	Number of LED modules
Supply Frequency	50-60 Hz	4
RFI Suppression	EN 55015 / CISPR 15	Lamp family code
Immunity	EN 61547	PHILIPS Fortimo LED
Harmonics	EN 6100-3-2	Light colour K
Operating Temperature*	-35 - +50 °C	3000, 4000 or 5000
Storage Temperature	-40 - +60 °C	Colour Rendering Index
Housing material	0.8 mm powder coated steel	> 80 or > 90
Enclosure Rating	IP65	Min useful life
Lid material	PMMA, Polycarbonate or Tempered Glass	See next page
Cable gland	PG 13.5 or STUCCHI (3-pole) fast plug optional	Driver /power unit/
Impact Resistance	IK07 or IK09	PHILIPS XITANIUM
		Flickering
		IEEE 1789
		Power factor (full load at 230V)
		> 0.90
		Dimmable
		Optional
		Emergency pack
		Optional
		System Wattage
		up to 128W
		LED module efficiency (max)
		up to 186 lm/W
		Lumen output of LED modules (max)
		up to 19.743 lm

\* Only with Xtr drivers. Otherwise from -20 to +50 °C. Operating Temperature limitations for P/S/EM options see in next page.

## GENERAL TECHNICAL SPECIFICATIONS

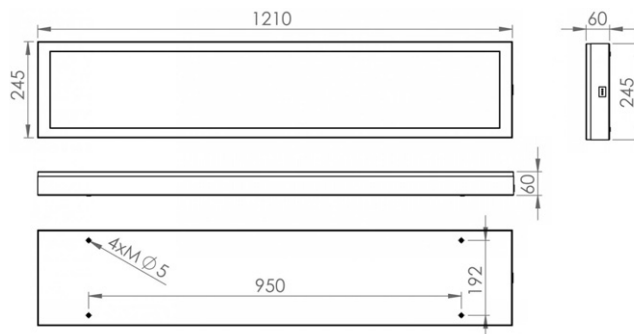
EAN	Ref.	Wattage	LED module efficiency (max)	Lumen output of LED modules (max)	Min useful life L80B50	Available Options	Dimensions (mm)*			Optimum Working Height
							L	W	H	
4772049000292	LN-EN4/2L/4400	up to 68W	171 lm/W	10.883 lm	72.000 hours at Ta 25C <sup>0</sup>	D/S/P/EM/SP/IN				2 - 10 m
					58.000 hours at Ta 50C <sup>0</sup>					
4772049000247	LN-EN4/2L/8000	up to 128W	159 lm/W	19.743 lm	100.000 hours at Ta 25C <sup>0</sup>	D/S/P/EM/SP/XT/IN	1210	245	60	2 - 15 m
					94.000 hours at Ta 50C <sup>0</sup>					
					41.000 hours at Ta 70C <sup>0</sup>					

\* without sensor

EAN	Additional options	Ref.
Multiple selection	PIR Sensor (-10/-30 - +35 °C)	S
Multiple selection	PIR and Light Sensor (-10/-30 - +35 °C)	P
4772049001008	Emergency Pack 3h (1h optional)*	EM
4772049000940	Enforced version (-35 - +70 °C)	XT
4052899130357	Diffusers	D
4772049001596	Protective Sport Cage	SP
4772049001053	INOX body upgrade	IN

\* Emergency Pack is not available in XT modification.

\*\* There is a possibility to order ready-to-use luminaires with desired length of cable installed.



## EMERGENCY PACKS

TrustSight LED 40-80mA 2.6W (1 battery)	1 hour
TrustSight LED 40-80mA 2.6W (2 batteries)	3 hours
Operating Temperature	0 - +40 °C



ISO 9001 - ISO 14001  
OHSAS 18001

**BUREAU VERITAS**  
Certification



**Ecolight**<sup>TM</sup>  
Save simple.

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