

SML Series

LED LINEAR LIGHTING



ULTRA BRIGHT

HIGH TECH

DURABLE

SML Series

LED Linear Utility Lighting



Product Information

The **SML** series Surface Mount Luminaire is a **lightweight** all-purpose utility linear light with versatile mounting options. It is designed for indoor and outdoor applications that require high output of light for industrial facilities.

It is an **ultra-energy** efficient high efficacy luminaire replacing fluorescent fixtures of much higher wattages. The SML series is available in **12 / 24 / 38 Watts** and provides glare-free, 240° comfortable uniform lighting in all working environments. The patented **Passive Air Cooling System** enables low LED Junction Temperatures (T_j) for maintenance free long life.

Patent No. 20130242548 A1

Other US and international patents pending

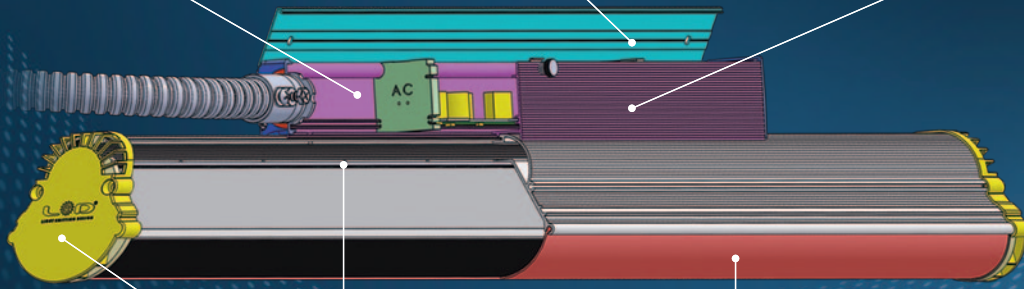
SML Series

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Easy Access Serviceable
All-In-One Junction Box

Versatile Mounting Choices
For Most Applications

Safety Controlled Smart Circuitry
(OTP) Over Temperature Protection
(OVP) Over Voltage Protection
(OCP) Over Current Protection



Patented Passive Air Cooling System®
Minimizes Heat and Maximizes LED Life

Technologically Advanced
High Brightness LED Chip

Proprietary Reflector and Optical Diffuser
Enables 240° Glare Free Comforting Soft Light

Advantages of SML Series

- All-purpose utility lighting with **Short ROI Period**
- **Light weight** easy to install versatile design with various mounting options
- **Smart Circuitry System** gives greater protection when used in unstable electrical grids
- **Glare-Free, 240°** comfortable uniform lighting for all working environments
- **Patented Passive Air Cooling System** enables low LED junction temperatures (T_j) for maintenance free long life
- Easy Access Serviceable all-in-one junction box / LED driver
- **Cost effective Solution** as a true LED replacement with a 5-Year Warranty
- Designed and Engineered in the **USA** and manufactured in Taiwan

Application

- Manufacturing Plants
- Warehouses
- Parking Structures
- Utility Lighting
- Car Bays
- Convenient Stores
- Assembly Lines

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Mounting Options



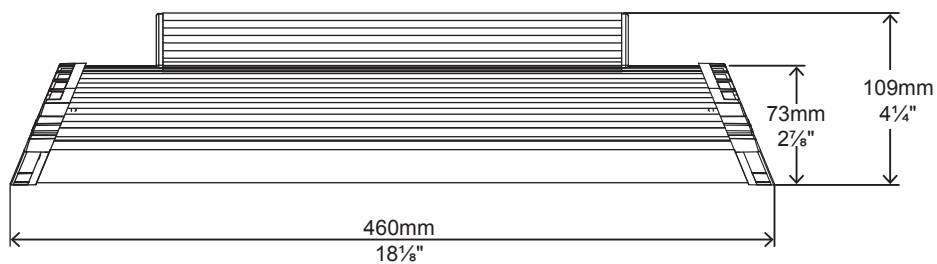
TBH - TUBE MOUNTING SYSTEM



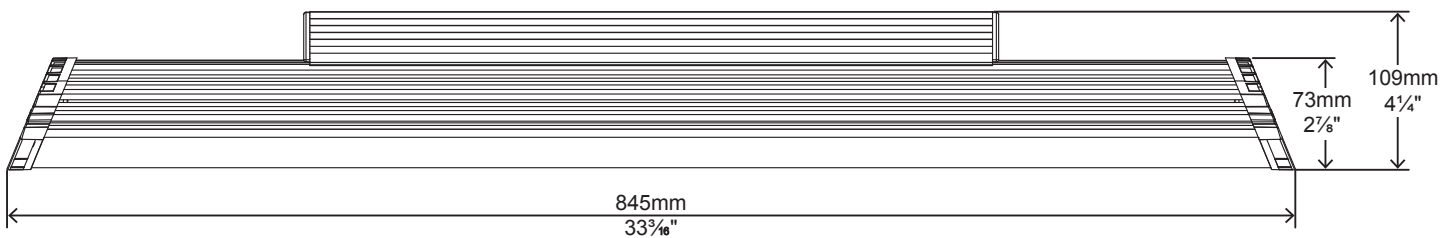
SMH - SURFACE MOUNTING SYSTEM

External Dimensions

SML500



SML1000 & SML1500



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Ordering Information

SML	Series	-	CCT	Driver	-	Mounting *
	050 = 500 100 = 1000 150 = 1500		30 = 3000K 40 = 4000K 50 = 5000K	ND = Non-Dimmable DM = Dimmable		TBH = Tube Mount SMH = Surface Mount

*Surface Mount comes standard, please see accessories for additional mounting system options.
Tube Hanging System is only available for SML1000 and SML1500 models.

Example

Part Number	Part Description
SML150-50DM-SMH	38Watt LED Surface Mount Luminaire / 90-277VAC / 5000K Cool White / Dimmable / Surface Mount

Packaging Information

Model	Case Quantity	Dimensions (LxWxH)	Weight
SML500	16	58 x 39 x 44 cm 22 ³ / ₈ x 15 ³ / ₈ x 17 ¹ / ₄ in	10.90 kg 23.98 lbs
SML1000 SML1500	16	98 x 39 x 44 cm 38 ³ / ₈ x 15 ³ / ₈ x 17 ¹ / ₄ in	22.60 kg 49.72 lbs

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Specification

Model	SML500	SML1000	SML1500
Fixture Watts *	12 W	24 W	38 W
Lumens (Total) *	1,320 Lumens	2,640 Lumens	4,180 Lumens
Efficacy *	110 Lumens / W	110 Lumens / W	110 Lumens / W
Number of LEDs & Driving Current	32@110mA	96@75mA	108@100mA
T _s - Solder Point Temp *	48°C	52°C	59°C
L70 Rating @ T _a 25°C	> 80K hours	> 80K hours	> 80K hours
Light Beam Angle	210° Total / 120° @ 70% Flux		
Operational Temperature (T _a)	-40°C ~ 50°C		
Input Voltage	90-277VAC 47~63Hz		
LED Model	Nichia		
CRI	85		
Lighting Control	Dimmable (0-10V)		
Warranty	5-Year Limited		
Storage Temp. / Humidity	-40°C ~ 80°C / 20 - 95% RH non - condensing		

* Test data @ T_a 25°C

NOTE: All Values Have ±7% Tolerance

