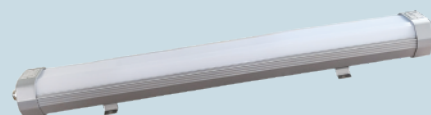


SLL-IIA Series LED Linear Luminaires

Class I, Div.2, Group A, B, C, D Hazardous Locations
Class II, Div.2, Group E, F, G Wet Locations, Type 4X, IP66
Class III
Zone 2; Zone 21&22



Model	Luminous Flux(LM)	Wattage	Lumen/Wattage	Equivalent Fluorescent luminaire
SLL-IIA-36W	4680	36W	130	3x36W
SLL-IIA-56W	7280	36W	130	2x58W



Applications

- For areas with mounting heights of 10–33ft (3–10m)
- Oil and gas refineries, drilling rigs, petrochemical facilities, land-based and offshore rigs, mining, areas include derrick, mast, SCR house, top drive, operator's house, power and pump stations, and where flammable vapors, gases, ignitable dusts, fibers or flying are present
- Locations requiring continuous and consistent light levels in extreme ambient temperatures
- Where extremely corrosive, wet, dusty, hot and/or cold conditions exist; Type 4X, marine, wet locations and hose-down environments
- Classified and hazardous locations

Features

- The enclosure is die cast aluminum with anti-corrosion powder coat.
- Unique seal structure and gasketed housing ensures the great functions of water proof and dust proof in the harshest and corrosive environment.
- Built-in LED driver, short circuit protection.
- The power factor is more than 0.98. Wide range of input voltage.
- Low cost for maintenance, built-in LED driver for LED lamp tube.
- Back-up emergency battery for emergency lighting when necessary. Rugged, long life, maintenance-free, Ni-MH battery, last for emergency operation time at 18W LED for 120 minutes or 180 minutes.
- Lightweight, compact size and mounting feet ease installation and allow placement in confined area.

Compliances

IEC Standard

IEC60079-0, IEC60079-15, IEC60079-31

Ex nR IIC T6/T5 Gc

Ex tb IIIC T80°C/T95°C Db IP66


Zone 2

Zone 21, Zone 22

IP66

EU Standard

EN60079-0, EN60079-15, EN60079-31

 II 3 G Ex nR IIC T6/T5 Gb

 II 2 D Ex tb IIIC T80°C/T95°C Db IP66

Zone 1, Zone 2

Zone 21, Zone 22

IP66

NEC & CEC Standard

Class I, Div.2, Group A, B, C, D

Class II, Div.2, Group E, F, G

Class III

Wet Locations, Type 4X, IP66

UL Standard warm white (3000K)

UL844, UL1598, UL1598A

CSA Standard

CSA C22.2 No.137

Standard Materials

- Lamp housing and adapter – die cast aluminum with anti-corrosion powder coat
- Lens – Polycarbonate
- Gaskets – silicone
- External hardware – carbon steel or stainless steel
- Factory sealed, no external seals required







LED System

- High intensity discrete power emitters
- Standard: cool white(5000K); Optional:warm white(3000K); nature white(4000K)
- Brand-new LED chips

LED Driver

Input Voltage	100–277V AC 50/60Hz	
	277–480V AC 50/60Hz	
THD	<20%	
Power Factor	0.98 (220V/full load)	
Protection	Short Circuit/Over Voltage/Over Heat	
	Surge Protection	Line to line 4KV
		Line to earth 10KV
IP	IP66	

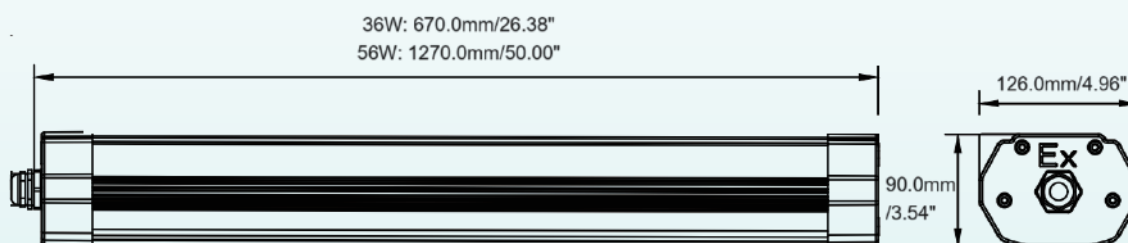
Catalogue Numbering System

SLL-IIA -	20	C	N	C	V1	V1
						
	Lamp	Mounting Type	Cable Entry	Color Temperature	Voltage	Emergency
	36–36W	C–Ceiling Bracket	N–NPT3/4"	C–Cool(5000K)	V1:100–277V AC	EM1:120min
	56–56W	W–Wall Bracket	M–M25x1.5	N–Nature(4000K)	V2:277–480V AC	EM2:180min
		L–Clamp		W–Warm(3000K)		
		P–Pendant				
		S1–Guard Stanchion				
		S2–Flange Stanchion				

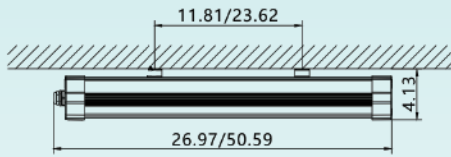
Technical Datasheet

Classification	Class I,Div.2,Group A,B,C,D Class II,Div.1,Group E,F,G Class III Zone2;Zone 21&22	
Standards	IEC60079-0, IEC60079-15, IEC60079-31 EN60079-0, EN60079-15, EN60079-31 UL844, UL1598, UL1598A CSA C22.2 No.137	
Ex-mark	II 3 G Ex nR IIC T6/T5 Gb II 2 D Ex tb IIIC T80°C/T95°C Db IP66	
Rated Voltage	AC 100-277V 50/60Hz AC 277-480V 50/60Hz	
Rated Wattage(W)	36W	56W
Luminous Flux(LM)	4680	7280
Emergency Duration	120min or 180min	
Battery Specification	Ni-MH battery	
Color Temperature	3000K-5000K	
IP Grade	Wet Locations, Type 4X, IP66	
Ambient Temperature	-40° C ~ +55° C / -40° F ~ +131° F	
Cable Entry	M25*1.5 or NPT3/4" (adaptor for M20x1.5,NPT1" ,NPT1 1/2")	
Terminals	Terminals blocks ≤2.5mm ² , cable diameter 10-14mm	
Installation	Ceiling Bracket /Wall Bracket	

Mounting Options & Dimensions (mm/inch)

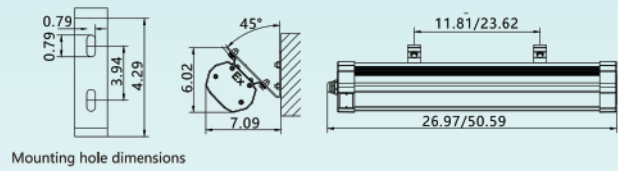


SLL-IIA



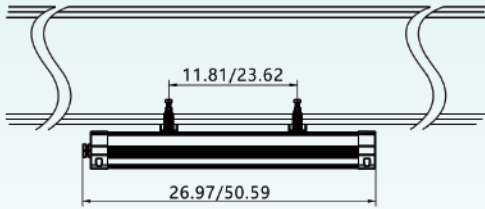
1.C-Ceiling Type

Mounting hole dimensions

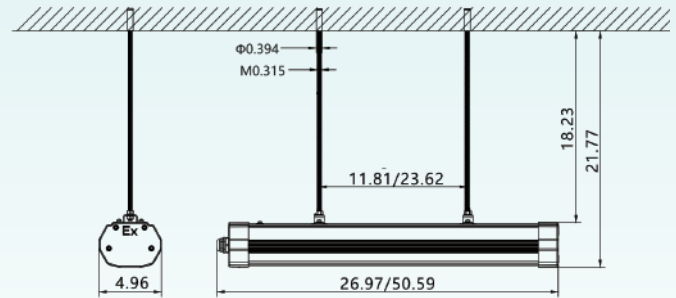


Mounting hole dimensions

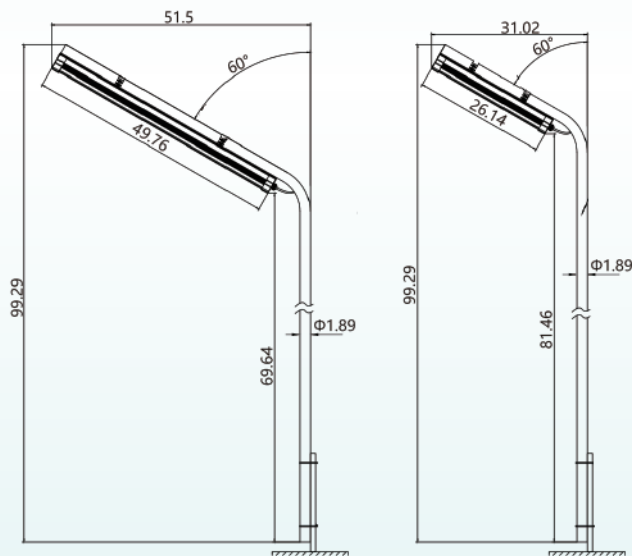
2.W-Wall Type



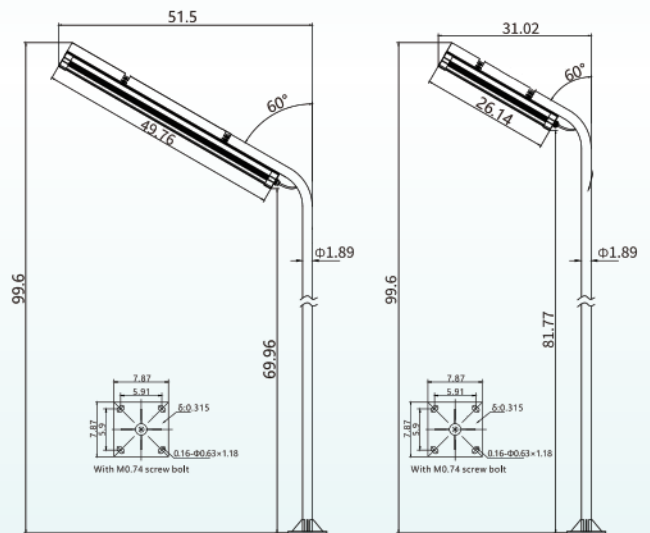
3.L-Clamp Type



4.P-Pendant Type



5.S1-Guard Stanchion Type



6.S2-Flange Stanchion Type