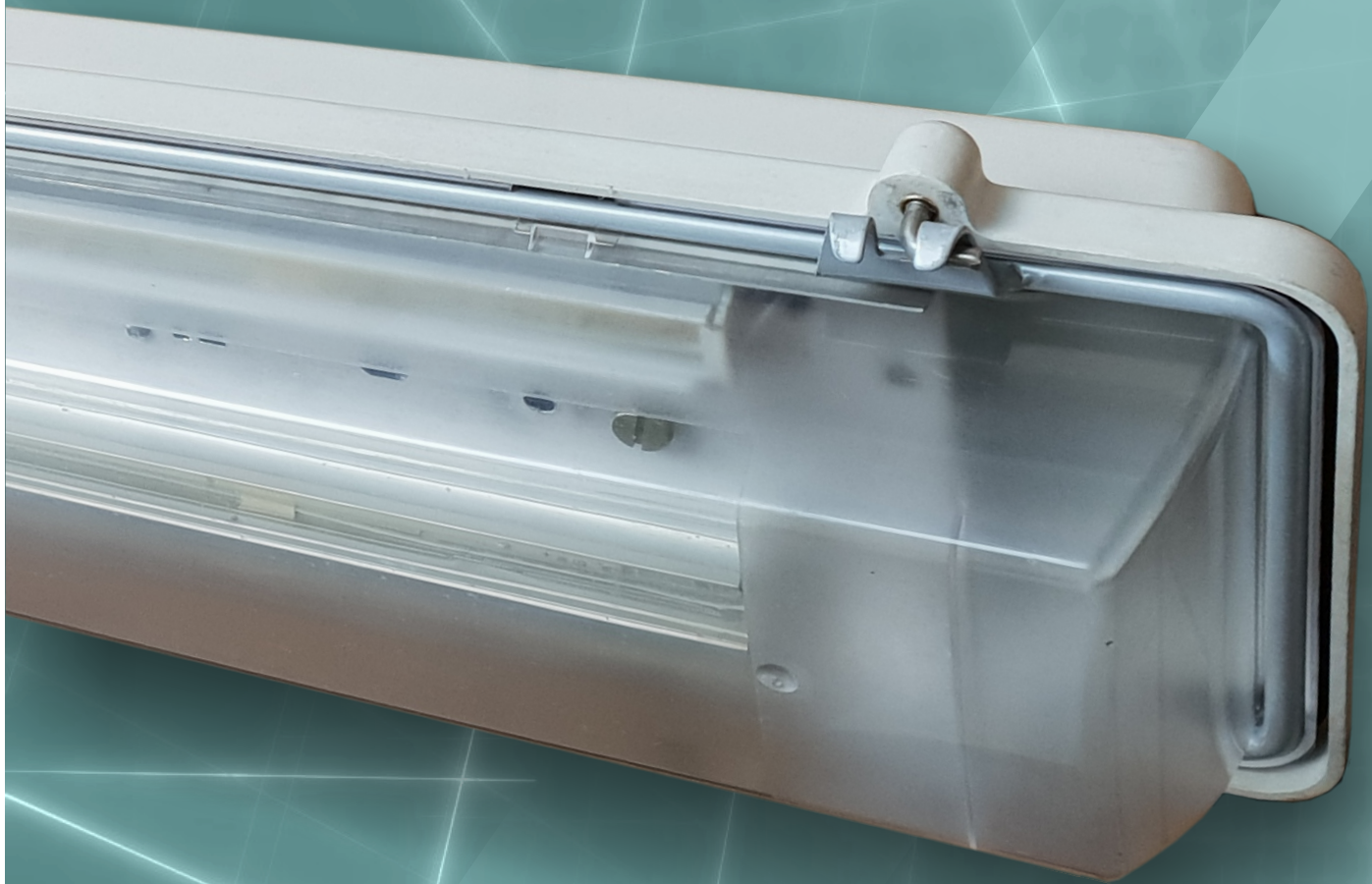




NLED-Ex

Zone 1, 2, 21 & 22



The **NLED-Ex** linear luminaire range uses specially designed LED light sources and is paired with Ex certified LED drivers. The luminaire is designed to replace the conventional fluorescent lamps which makes it energy efficient with high performance, low maintenance and long life span. It's suitable for wall, ceiling, bracket and pole mounting. The **NLED-Ex** continues the proud heritage of RAMIKA PROJECTS Ex safety standards whilst utilizing the latest LED technology.



RAMIKA PROJECTS

SA Pat Appl No. 2018/06027

NLED-Ex

Applications: Zone 1, 2, 21 & 22 Hazardous locations.

Body: Manufactured from GRP Glass Fibre reinforced polyester, by means of a compression moulded process.

Diffuser: Available with a clear or frosted polycarbonate diffuser.

Gasket: Continuous neoprene gasket insures IP66 seal between the body and diffuser.

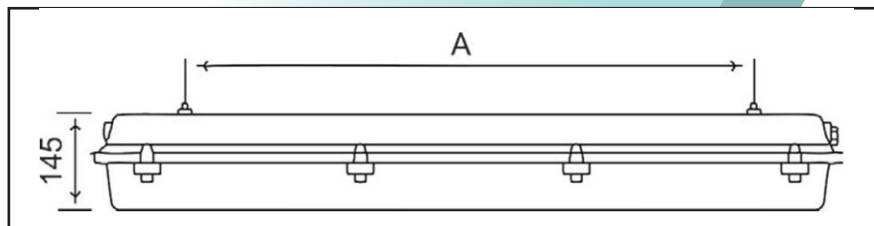
Control Gear: Aluminium gear tray carries the LED driver and LED strips. Two cords allow the gear tray to be suspended from the body during installation and service.

Note: Lightning Protection: All electronic products such as light fittings and computers are subject to violent destruction when struck by lightning. An independent lightning protection device, well earthed, needs to be inserted in the supply line before the lighting circuit, where any electronic control gear is used in light fittings. Control gear damaged by lightning is not covered under guarantee.

Cable Entry: Comes standard with an Ex e compression gland. Cable diameter 6 – 12 mm. Also available with a No 1/0 gland for armoured cable. Incoming terminal size max 2x4 mm². Through wiring available on request on 67W 4ft and 36W 2ft only.

Mounting: Supplied with two 8mm body inserts in rear of the luminaire. Suitable for wall / ceiling brackets & pole clamps. Supplied with M8 hooks as standard.

Warranty: 5 Years



Model Name	NLED-Ex 2ft (600mm)	NLED-Ex 2ft (600mm)	NLED-Ex 4ft (1200mm)	NLED-Ex 4ft (1200mm)	NLED-Ex 5ft (1500mm)	NLED-Ex 5ft (1500mm)
Amperage	350mA	500mA	350mA	500mA	350mA	500mA
Rated Wattage(W)	36W	51W	67W	98W	67W	98W
Luminous Efficacy (system)	92lm/W	92lm/W	95lm/W	94lm/W	95lm/W	94lm/W
Luminous Flux (system)	3312lm	4692lm	6365lm	9212lm	6365lm	9212lm
Colour Temperature	4000K					
Colour Rendering Index	>Ra80					
Rated Voltage	220V-240V AC, 50/60Hz					
Ingress Protection Grade	IP66					
Ambient Temperature	-20°C to +40°C					
Power Factor	>0,90					
Rated Lifetime	50 000 Hr.					
Installation	Wall, Ceiling, Bracket and Pole mounting					
Dimensions	L x W x H		L x W x H		L x W x H	
	794x176x145mm		1400x176x145mm		1704x176x145mm	
Weight	4.7kg		8.4kg		11.4kg	
Fixing Centres (A)	480mm		1085mm		1390mm	
Classification	Zone 1 - Zone 2 (Gas) & Zone 21 - Zone 22 (Dust)					
Ex-mark	Ex e mb IIC T4 Gb IP66 / Ex tb IIIC T135°C Db IP66					

Ramika Projects reserves the right to change any specification or design without prior notice.