

LED Tri-Proof Premium

Application

LED Tri-Proof Premium lighting fixture is suitable for:

- > manufacturing plants
- > warehouse lighting
- > car parking lots
- > under canopy lighting
- > petrol/bus/train stations



Advantages:

- Easy and quick installation – option for fast connectors
- Energy savings of up to 50% (compared to luminaires that use fluorescent lamps)
- High luminous efficiency up to 173 lm/W
- High grade of protection IP66
- Option for NH3 resistant body
- EU made product
- Quality in accordance to all EU standards and directives
- Energy efficiency class – B

ADVANTAGES OF ELECTROSTART

- EU Based Company
- Long experience in the field of Lighting and components
- Experience with customers in more than 40 countries
- Excellent Customer Service
- Projects based on Customer needs
- Products manufactured in EU
- Warranty on most products 5 Years

Electrical characteristics

Supply voltage	100-240VAC
Frequency	50/60 Hz
Power factor	≥0.95
Control Protocol(s)	DALI (optional)

Protection

Ingress protection	IP66
Safety class	Class I

Warranty conditions

Lifespan	50 000 h
Warranty	5 Y
Ambient temperature	-20 ~ 35°C/on request 40°C
Storage temperature	-20 ~ 60°C

Lighting characteristics

Efficiency	up to 173 lm/W
Color rendering index (CRI)	>80, >85 (optional) >90 (optional)
Color temperature (CCT)	3000K/4000K/6500K
Flicker	Flicker Free
LED Chips	SAMSUNG

Body characteristics

Housing	GRP (Glass fiber reinforced polyester)
Diffuser	PMMA/PC on request

Standards

Harmonics	EN 61000-3-2
EMC Immunity	EN 61547
Conducted Emission Test	EN 55015
Luminaires	EN 60598-1
LED Luminaire performance	EN 62722-2-1
Photobiological safety	EN 62471

