



next generation led

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## PROLINE IP69K IK10

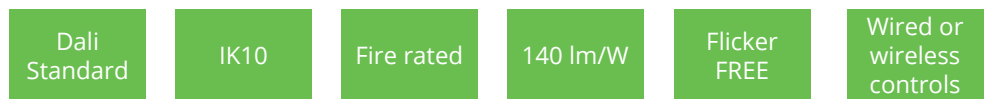
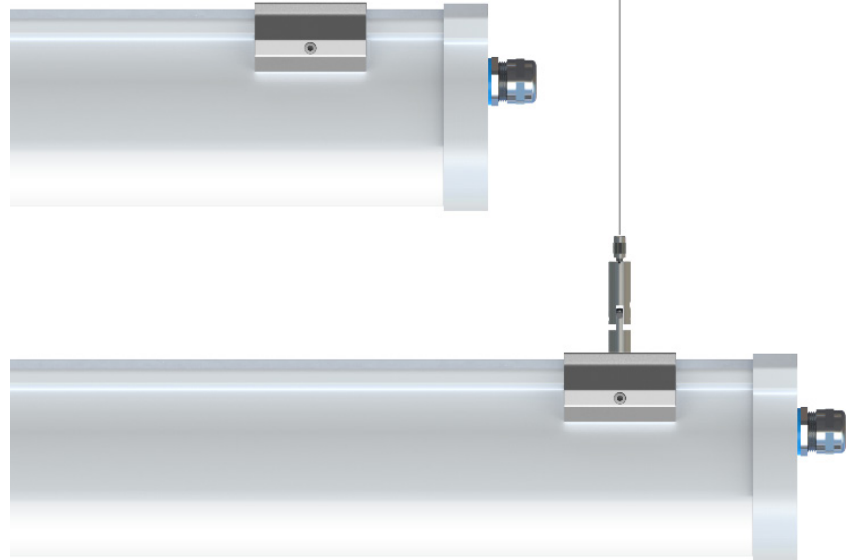
### Properties

- L90=100.000hrs
- Result of ten years of research into material science, mechanical engineering, electronics and thermal management
- A high chemical and impact resistant, food-safe & UV stable, fully serviceable enclosure built to withstand pressure washing
- Developed specifically for increased resistance to sanitisers including alcohol, peroxides, aldehydes, quaternary compounds, alkyl amines and chlorine releasing compounds
- Fully enclosed and protected by a high performance polyester (up to five times the life of PC ABS or PMMA blends) alloy sheath and end caps offering superior resistance
- Unique bracket design
- Fully serviceable V-0 fire rated enclosure
- Standard DALI control, Zigbee possible
- Warranty : 5 years



### Application

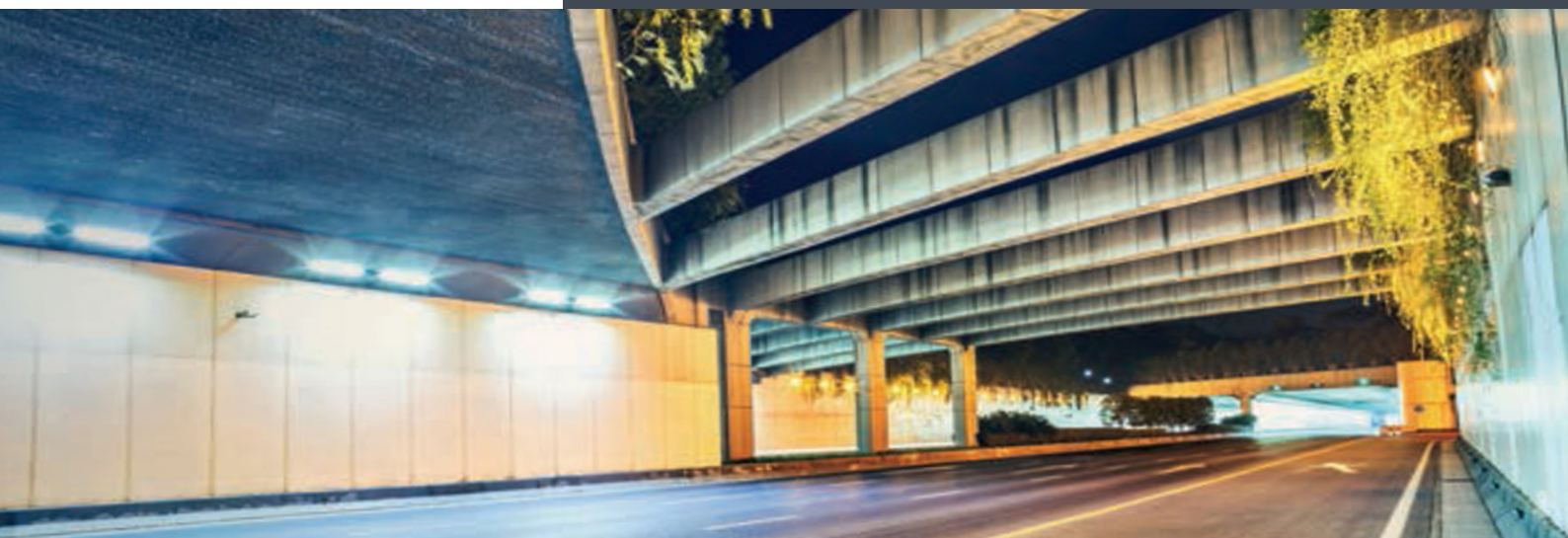
Food and agricultural industry, farms, chemical industry, industrial sewage, damp room areas, petrochemical industry



### Specifications

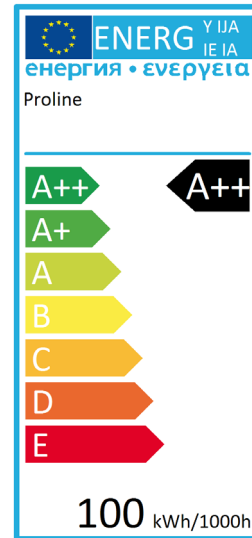
Proline IP69K					
Power	40W	60W	80W	100W	150W
Luminous flux	5600lm	8400lm	11200lm	14000lm	21000lm
Input voltage	220-240 V / 50 - 60 Hz				
Color rendering index	Ra >85				
Color temperature	4000K				
Power factor	> 0.95				
UV Protection	Diffuser and body with UV protection				
Dimension	60cm	90cm	120cm	150cm	200cm

Updated: Nov 2020

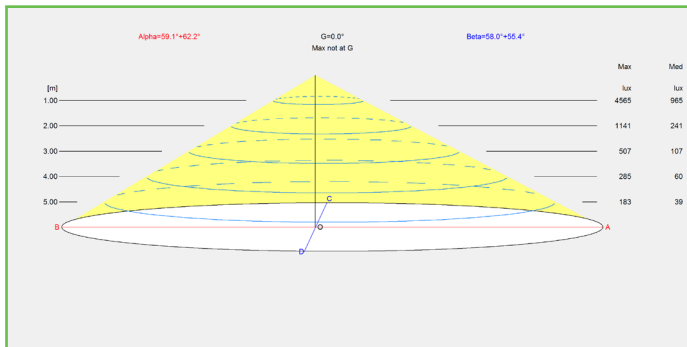


## ENERGY LABEL

Electrical appliances carry an energy label. This label prints the so-called energy efficiency score in classes. These classes range from 'very energy efficient' (A++) to 'very waste of energy' (E). A more expensive new device may eventually turn out to be cheaper if the energy score is good. IPEA is the new system for luminaire energy efficiency assessment.



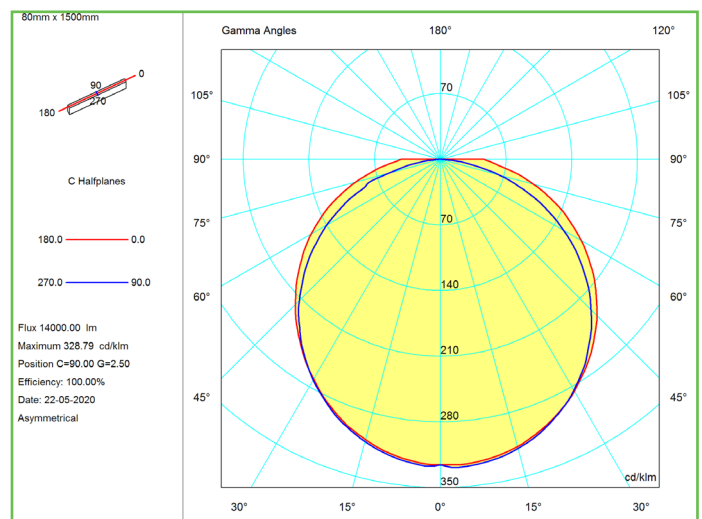
## BEAM



The Illuminance Cone Diagram indicates the maximum illuminance at different distances from the fixture.

## POLAR DIAGRAM

The polar luminous intensity graph illustrates the distribution of luminous intensity, in candelas, for the transverse (solid line) and axial (dashed line) planes of the luminaire. The shown curve provides a visual guide to the type of distribution expected from the luminaire e.g. wide, narrow, direct, indirect... in addition to intensity.



## Proline IP69K IK10

REFERENCE	WATT	LUMEN	COLOR	COVER	IK / IP
800-0407	40 W	5600lm	4000 K	polyester	IK10/IP69K
800-0408	60 W	8400lm	4000 K	polyester	IK10/IP69K
800-0409	80 W	11200lm	4000 K	polyester	IK10/IP69K
800-0410	100 W	14000lm	4000 K	polyester	IK10/IP69K
800-0411	150 W	21000lm	4000 K	polyester	IK10/IP69K

Proline TPX was developed specifically for increased resistance to sanitisers including alcohols, peroxides, aldehydes, quaternary compounds, alkyl amines and chlorine releasing compounds. The product is fully enclosed and protected by a high performance polyester alloy sheath and end caps offering superior resistance to:

- Acetic Acid
- Ethoxylated Alcohols
- Amines
- Benzalkonium Chloride
- Benzyl Alkyldimethyl Chlorides
- Disodium Metasilicate
- Dodecyldimethylamine oxide
- Ethanol
- Hydrogen Peroxide
- Hypochlorous Acid
- Peroxyacetic Acid
- Potassium Hydroxide
- Quaternary Ammonium Compound
- Secondary Alkanesulphonates
- Sodium Carbonate
- Sodium Dodecylbenzene Sulfonate
- Sodium Hydroxide
- Sodium Hypochlorite