

# FANTOM F18

## Array LeS technology

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Manufactured in Finland



DAYLIGHT from LES

### KNOW NO LIMITS ALL PURPOSE LUMINAIRE FANTOM F18 – DAYLIGHT *from LeS*

LUMINAIRE THAT BRINGS  
OUT THE COLORS IN  
THEIR TRUE FORM.  
MAKES EVERYTHING  
LOOK BETTER.

- General purpose light
- Amazing color rendering
- Instant ignition
- Maintenance free
- Lightweight and small
- Daylight for you
- Superior lifespan



FANTOM F18 is a luminaire for outdoor and indoor environments. FANTOM F18 model is designed for general purpose installation. Daylight from Array LeS light source technology makes the room feel alive and offers a very pleasant lighting. In addition we offer almost perfect color rendering index that renders colors very naturally and makes your room stand out. It has a flicker free light source to avoid headaches and other unwanted side effects of poor lighting. The light distribution of F18 can be optimized with versatile optics options.

Carefully designed, this luminaire is 100 % recyclable. Aluminum frame, glass lens optics, customizable light angle and dimming possibilities combined with Array LeS technology's high light intensity from less power, offers a new cost effective solution for the end-user. Light source is maintenance free, it has a very long lifespan and the innovative design of luminaire offers a new cost efficient solution for end users.

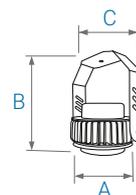
In Array LeS luminaires LumiTar uses custom-built power supply devices. The power supply has a lifespan up to 100 000 hours. The luminaires always ignite at once and always from zero level so that no power surges are fed back to the grid. The power supply is covered with a strong aluminum frame and it does not cause environmental drawbacks nor disturbances to the grid or the control device. Array LeS luminaires are fully dimmable with a control device from 0–100 (140) %.

Array LeS innovation produces the best lighting on the market, amazing color rendering index and secures a lifespan of over 200 000 hours.



#### DIMENSIONS

	A	B	C
mm	Ø 135	240	200



#### FANTOM F18 – TECHNICAL DATA

IK classification	IK10
IP-Class	IP67
Nominal power	25 W
Luminous flux	4022 lm
Luminaire efficiency	164 lm/W
Color temperature	5000 K
Color Rendering index	80–98.5
Weight	1.5 kg
Size (ø x h)	135 x 240 mm
Versatile light distribution	30–120°
<b>Lifespan (Array LeS)</b>	
Lifespan of light source	200 000 h
Lifespan of driver	100 000 h

**LumiTar**™  
ARRAY LIGHTING TECHNOLOGY FINLAND

Energy efficiency  
can be improved over 80 %  
when replacing old luminaires with  
LumiTar Array LeS luminaires.

*LumiTar*<sup>TM</sup>  
ARRAY LIGHTING TECHNOLOGY FINLAND

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