

FANTOM F4R

Array LeS technology

TK FANTOM F4R FI01 16-03
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Manufactured in Finland



DAYLIGHT from LES

KNOW NO LIMITS LUMINAIRE FOR OFFICE CEILINGS DAYLIGHT *from LeS*

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

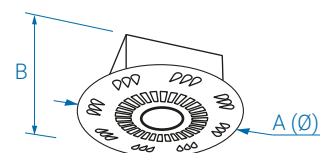
- For ceiling and built-in installation
- Amazing color rendering
- Instant ignition
- Maintenance free
- Lightweight and small
- Daylight for you
- Superior lifespan

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

FANTOM F4R office luminaire is ideal for indoor environments. FANTOM F4R model is designed for lowered ceiling installation and is also a perfect solution for corridors and halls. 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 F4R 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) %.



DIMENSIONS

	A	B
mm	ø min 310	180

FANTOM F4R – TECHNICAL DATA

IK classification	IK10
IP-Class	IP43
Luminous	4500 lm
Color temperature	5000 K
Color Rendering index	80–98.5
Weight	2.5 kg
Size (diam x h)	31 x 18 cm
Nominal power	30 W
Versatile light distribution	35–100°
Lifespan (Array LeS)	
Lifespan of light source	200 000 h
Lifespan of driver	100 000 h

LumiTarTM
ARRAY LIGHTING TECHNOLOGY FINLAND

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

LumiTar
ARRAY LIGHTING TECHNOLOGY FINLAND

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