

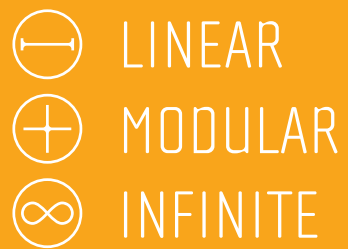
VarioLED™ OCEANOS

The rugged in-ground light line



LED LINEAR™

A Fagerhult Group Company



OCEANOS

GUIDING THROUGH LIGHT

- Exterior and interior in-ground installations provide a lighting challenge requiring a robustly engineered well thought out complete system solution. The installation and light effect will need to withstand pedestrians, vehicles, the elements and the installation environment itself.
- The use of polyurethane contributes to the resistance against UV-light and salt water. A V4A stainless steel housing guarantees resistance against external impacts and environment. The housing also allows easy installation and maintenance. The fully homogeneous light surface makes it possible to connect multiple fixtures to each other, creating an infinite line of light.
- OCEANOS enables an optimal LED spectrum rendition. The luminaire is suitable in all outdoor environments with a possible output of 1,700 lm/m combined with an efficiency of 113 lm/W. The color temperatures (CCT) range between 1,900 K – 4,500 K.

KEY FEATURES

DRIVE OVER

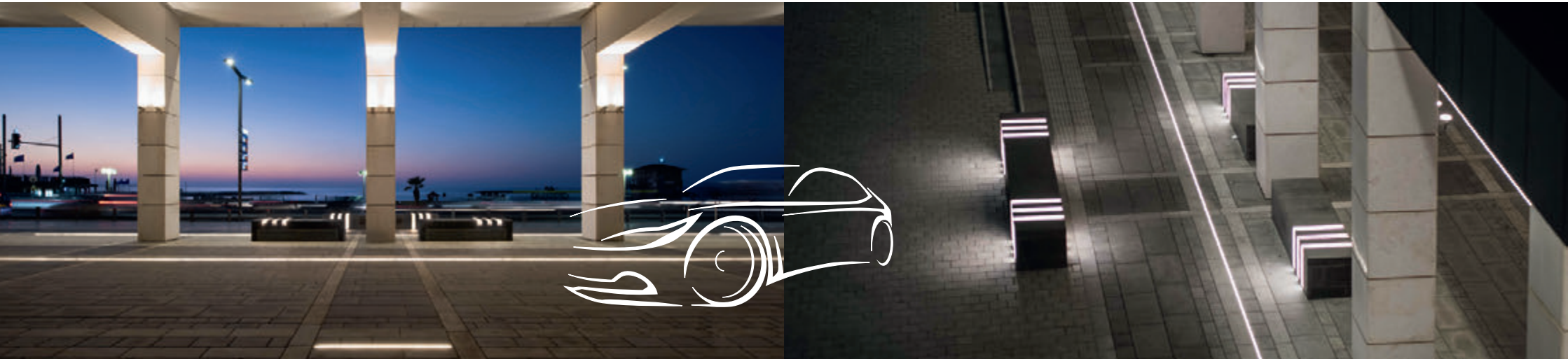
Bringing homogeneous in-ground light lines into areas where pedestrians and vehicles commonly move requires a notable level of robustness. OCEANOS can be traversed by a vehicle, enabling the implementation on squares, streets, pathways and roads according to EN 60598-2-13. Its housing is made entirely of V4A stainless steel ensuring an excellent longevity.



SEAMLESS LIGHT LINES

OCEANOS allows seamless lines of homogeneous light. The discrete frame disappears offering a focus on the large lighting surface. Thanks to a new mounting approach, OCEANOS can be installed without any blind piece.

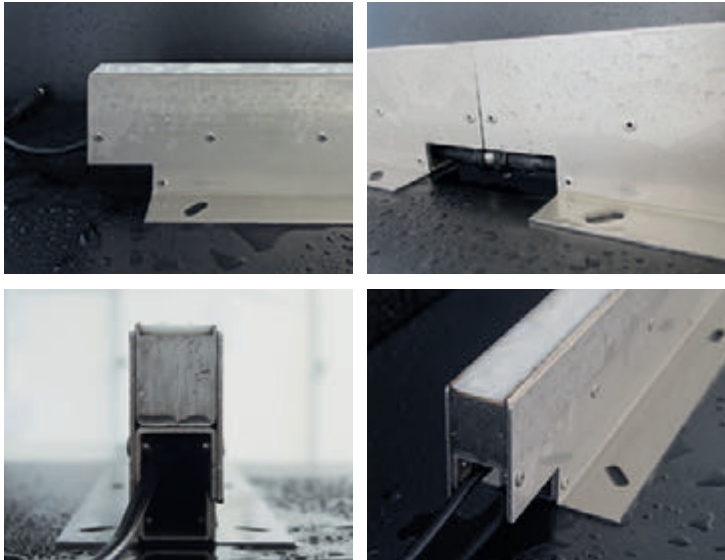
Thanks to its opal encapsulation it can guide pedestrians and vehicles their way or with the new two lenses options it can also highlight beautiful landscapes at night.



ROBUSTNESS

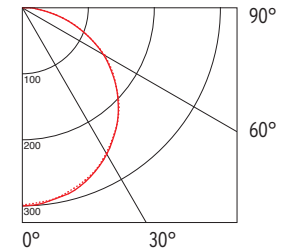
The IP67 and IK10 classification is achieved through a polyurethane encapsulation and a V4A stainless steel housing. This makes OCEANOS resistant to environmental and mechanical impact.

The luminaires can only be dismantled using a dedicated tool which guarantees safety preventing theft and helps prevent vandalism.



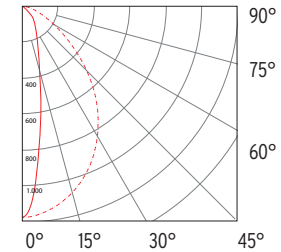
OPTICS

Opal



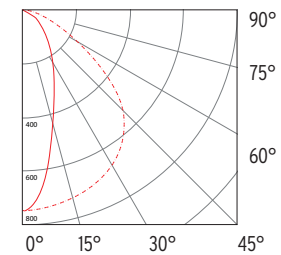
Provides a homogeneous light distribution. Ideal for decorative light lines or orientation applications.

10°



Best suitable for wall grazing applications.

30°



Better in wall washing and grazing application.

TECHNICAL DATA

- Efficiency up to 113 lm/W
- Lumen output from 370 lm/m to 1,700 lm/m
- Color temperatures between 1,900 K - 4,500 K
- CRI up to 97
- Optics: Opal, 10°, 30°
- IP67 & IK10
- Available in White, IQ White and RGB
- Lifetime 60,000 h L80/B10
- RGB lifetime 30,000 h
- Available as High Efficiency, High CRI or Ultra High CRI version

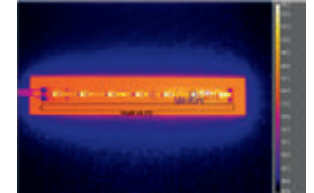
When a robust luminaire for guiding or in-ground mounted grazing applications is requested, OCEANOS is the go-to solution within LED Linear's portfolio. The combination of a wide range of lumen output and high level of efficiency makes the fixture stand out.

LIGHTING INNOVATIONS

Tj Away®

LED LINEAR™ TECHNOLOGY

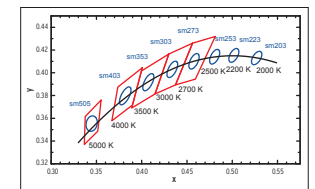
OCEANOS embeds the LED Linear™ Tj Away® technology which provides optimal heat dissipation of the LED to the housing profile. This enables the miniaturization of the luminaire's footprint while ensuring an extended lifetime compared to conventional LED technologies.



Experimental setup: 40 W/m LED tape with thin flexible PCB mounted on flat aluminum plate LED temperature does not exceed 60°C.

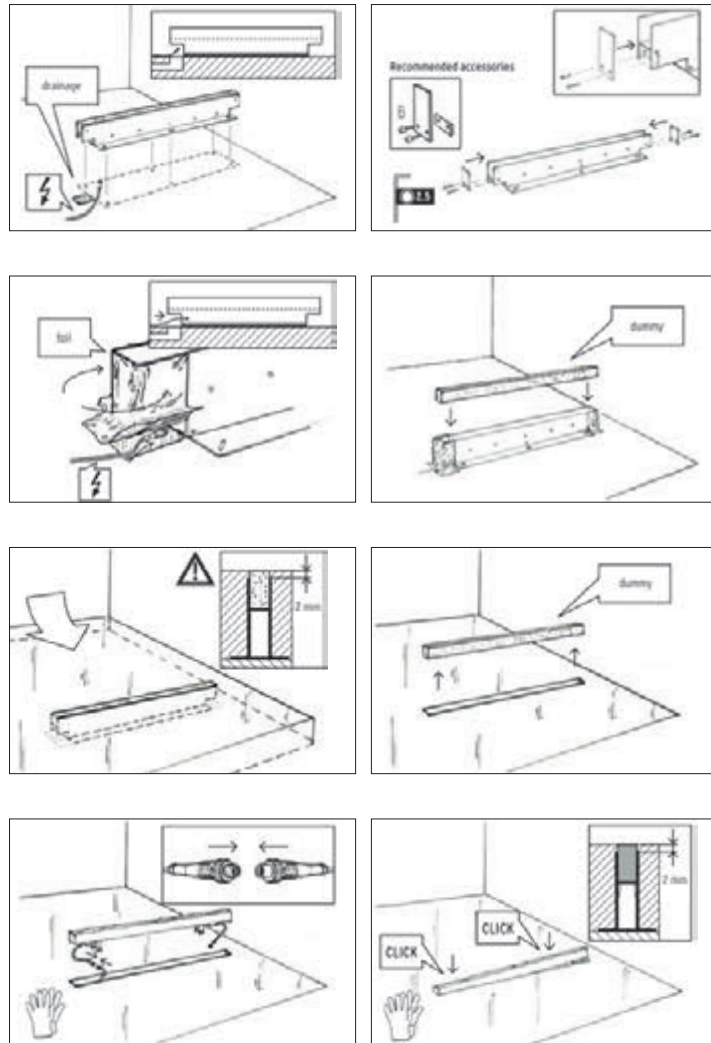


Color consistency plays a key role as much as homogeneity in any linear lighting application. To ensure an outstanding quality of the light, LED Linear™ introduced One Bin Only which ensures that all LEDs used in our luminaires are picked from one bin centered on the target CCT within a 3 step MacAdams Ellipse. They are used to determine visual color deviations and indicate differences in light color of individual LEDs. 3 step MacAdam ensures a color variation unnoticeable by the human eye and therefore an optimal lighting quality.



Black Body Curve —
LED Linear™ Binning —
ANSI Binning —

MOUNTING



Please see our detailed mounting instructions on the website www.led-linear.com

REFERENCES



The in-ground steel housing enables a robustness in public areas to walk or roll over.



Seamless light lines that guides pedestrians.



Accenting staircases in large areas create a trustful atmosphere and provides orientation.



The high degree of homogeneity adds to the total perception of any area.

Please scan the QR Code for
more detailed information about
VarioLED™ OCEANOS IP67



VarioLED™ OCEANOS IP67

