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LIGHTLETTER by Hess

SENSOR TECHNOLOGY

When machines and luminaires feel

Dear Sir or Madam,

Machines and luminaires are becoming more intelligent. In particular, we owe this exciting development to sensor technology, because it is this technology that give machines and luminaires capabilities, that are normally attributed to humans. An essential part of our existence, is determined by perception, that is to say, by our senses. Seeing, hearing, smelling, touching and tasting – these abilities are a miracle of evolution and supply us with significant impressions, to help us understand the world around us and be able to interact with the world and with humankind.
In short: Our sensory system enables us to be feeling and acting beings.

With the help of technical sensors and actuators machines and luminaires are now able to gather information from their environment and react to it. Using this technology, not only is important information collected, some of it is also directly applied. Take for example smart traffic guidance systems, that control the streets of our city centres based on the current traffic situation. In this way, traffic jams can be avoided and both humans and the environment spared.

It goes without saying, that we use this groundbreaking sensor technology in our luminaires. Thus, we provide you with lighting systems that not only provide high-quality lighting and captivate with their unique design, but also that actively “participate”. Our smart luminaires can multifunctionally adapt to use and situation and supply relevant information that is immensely useful for the smart further development of your city and urban spaces.

You can already see our enthusiasm for sensor technology. That’s why we have dedicated a corresponding article in our magazine to this special forward-looking technology, allowing you too to be captivated by the ingeniousness of these sensors.

We would also like to inspire you with our reference projects. Above all with the Australian port city of Newcastle, which was even awarded the title “Smart City of the Year”, not least of all thanks to the use of our multifunctional luminaires.

A further example of the successful use of our products is the redesign of the town hall square in Zella-Mehlis (DE). In this state-approved resort in the Thuringian Forest, our luminaires adorn the new square. Here the interplay of smart lighting technology and unique design has created a “shining tuft of grass that brings people together".

You see – the new Lightletter again offers exciting topics and illuminating insights into the fascinating (sensing) world of machines and luminaires.

We hope you enjoy reading our literature.

Best wishes,

Hess GmbH Licht + Form

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AN ORDINARY LIGHT ALLOWS US TO SEE, AN EXTRAORDINARY LIGHT HOWEVER, ENABLES US TO FEEL.

Oliver W. Schwarzmann, Economic poet

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