



Industry Lighting

Energy efficient lighting solutions
catalogue - 2013

PHILIPS





Feel what light can do for your industry

Lighting can do so much more than illuminate and show the way. It can enhance form and function, improve safety and security, and create flexible spaces that adapt to the task at hand. And in these worrying times of soaring energy prices and legislation targets, it can also help companies achieve sustainability goals that communicate corporate responsibility. We believe in energy-efficient lighting solutions for industry that reduce environmental impact and save costs, while also increasing quality and productivity.



Safety

Safety is paramount in industrial environments. Our lighting solutions can make yours a safer place for people and production processes.



Upgrading makes a difference

With the effects of climate change and CO₂ emissions, saving energy is a priority for everyone. But increasing legislation concerning the use of lighting in industrial environments puts even more pressure on organizations to make the green switch. Philips can help you comply with highly efficient technologies that cut costs, not quality.



Hassle free services

When you combine our innovative lighting solutions with our supporting lighting services, it makes acquiring a state-of-the-art lighting solution easier and more hassle free – for your business and your cash flow.

Philips Industry Lighting Products & Solutions

Our industry products can add value in many different ways throughout your facilities. In warehouses and production areas, indoors and outdoors. On the following pages you will find total solutions for six typical areas in industrial environments. The products shown are only a small selection of what is available for each particular application.



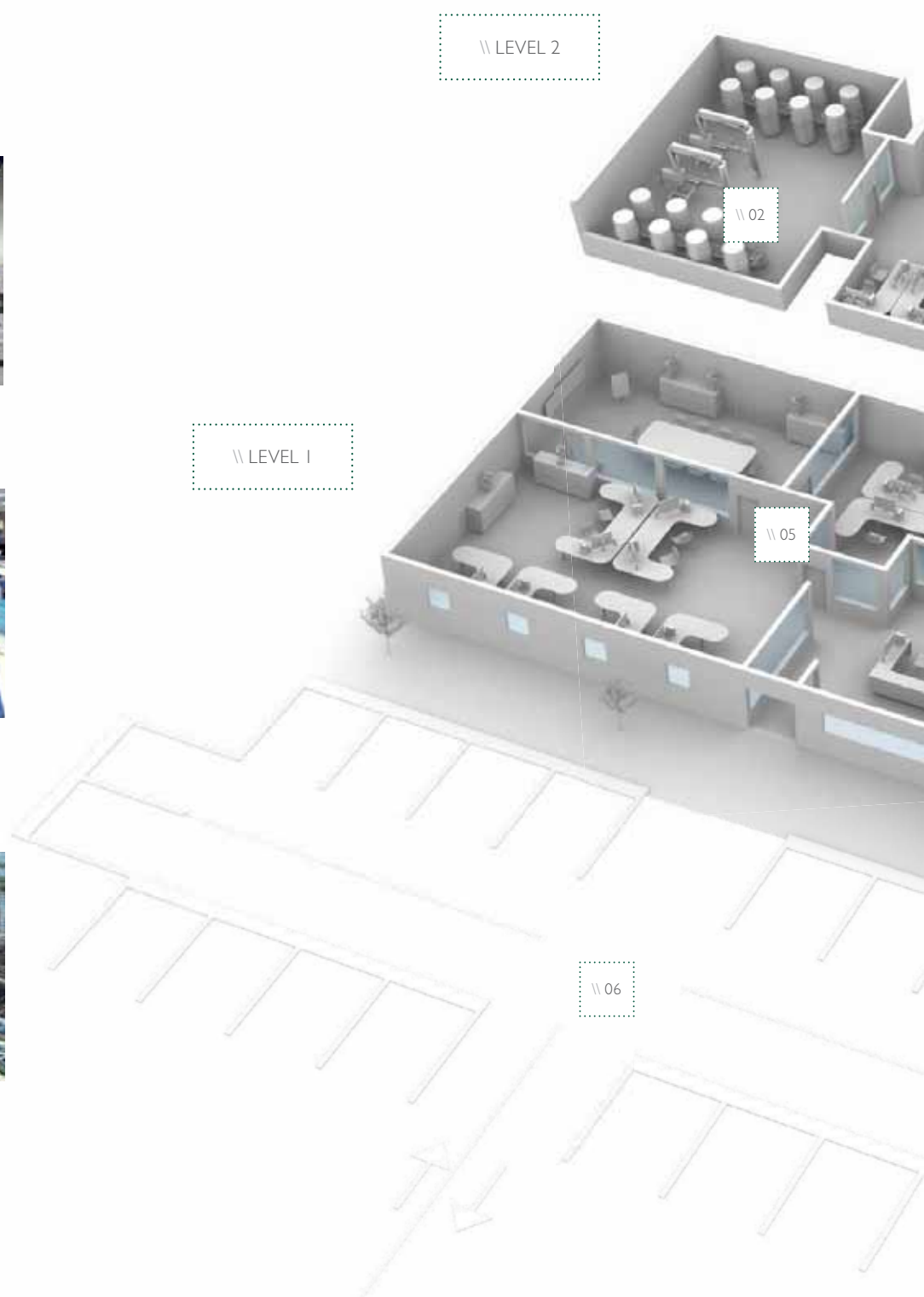
01. Warehouse



02. Production area low ceiling
2.5 to 6 meters

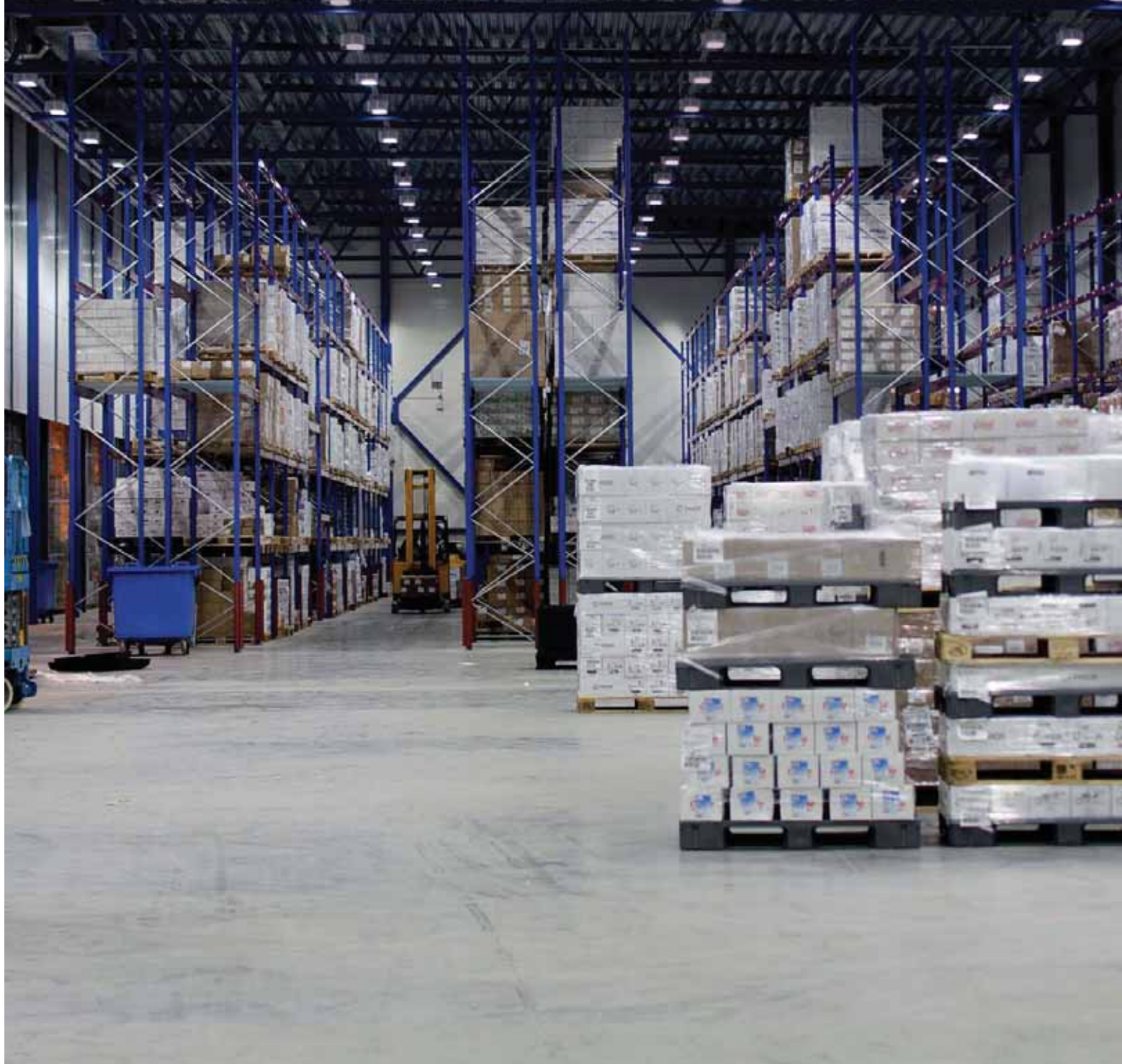


03. Production area medium/
high ceiling
6 to 12 meters



01. Warehouse

Warehouses often operate 24 hours a day. Lighting plays an important role in ensuring operations take place safely and efficiently. However, activities often take place in high traffic areas leaving others illuminated but virtually unused. So can a warehouse still be green?



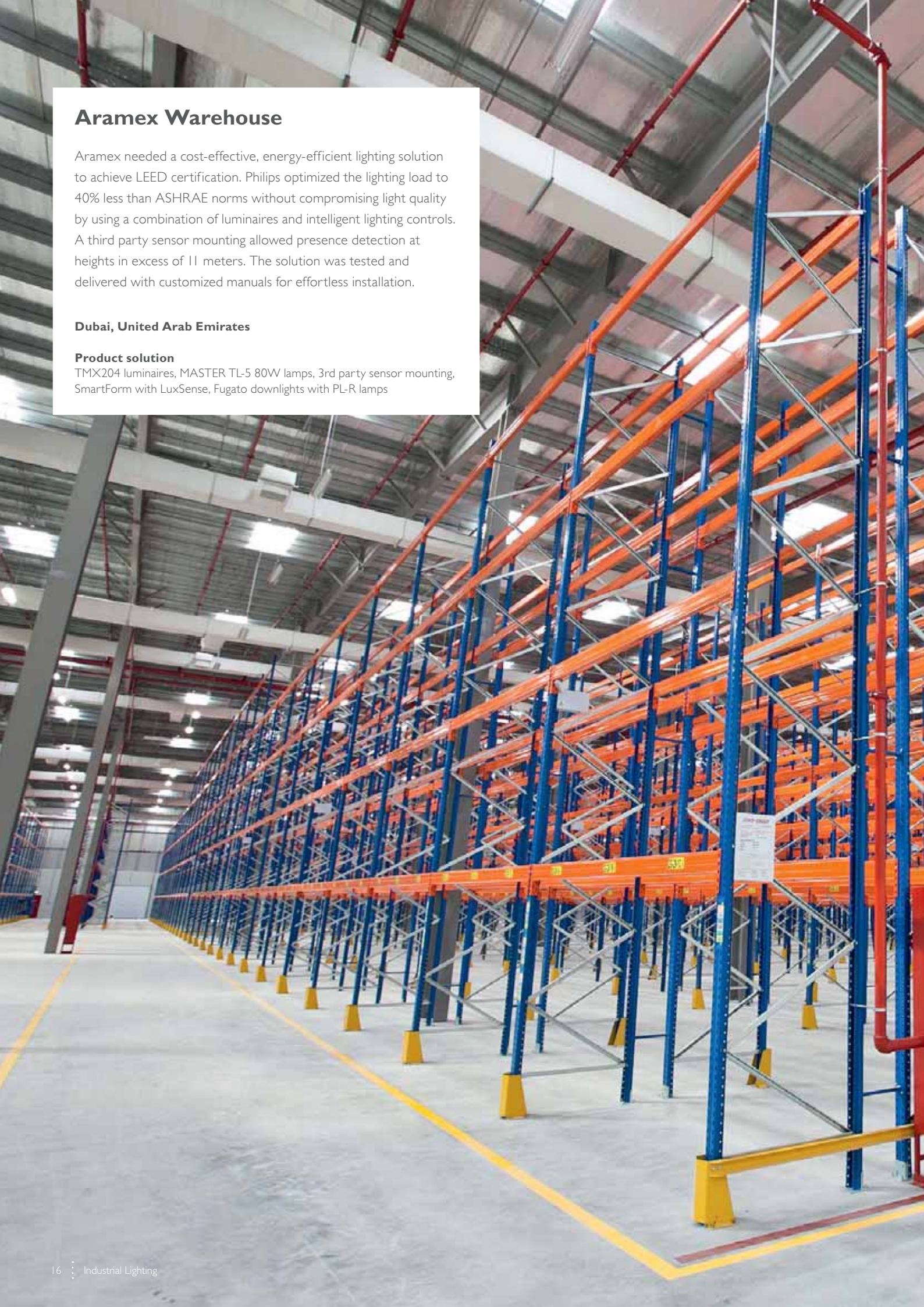
Aramex Warehouse

Aramex needed a cost-effective, energy-efficient lighting solution to achieve LEED certification. Philips optimized the lighting load to 40% less than ASHRAE norms without compromising light quality by using a combination of luminaires and intelligent lighting controls. A third party sensor mounting allowed presence detection at heights in excess of 11 meters. The solution was tested and delivered with customized manuals for effortless installation.

Dubai, United Arab Emirates

Product solution

TMX204 luminaires, MASTER TL-5 80W lamps, 3rd party sensor mounting, SmartForm with LuxSense, Fugato downlights with PL-R lamps





02. Production Area

Low Ceiling – 2.5 to 6 meters

In the world of industry, light is productivity. Effective lighting not only keeps people alert and focused, it also lights up their tasks, improving performance and productivity. With fewer accidents and increased output, the benefits are clear.

Arçelik A.Ş. Electronics Enterprises

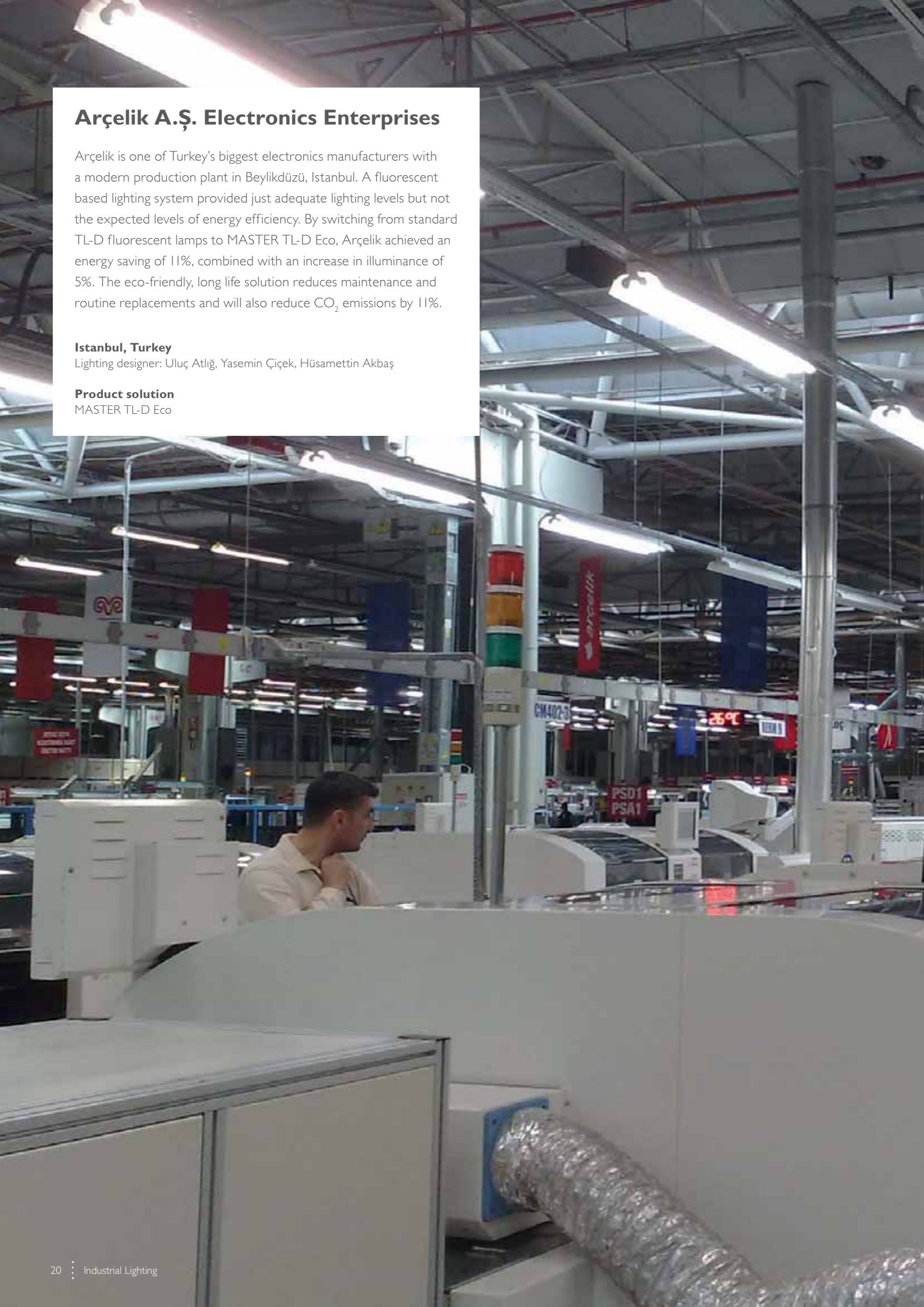
Arçelik is one of Turkey's biggest electronics manufacturers with a modern production plant in Beylikdüzü, Istanbul. A fluorescent based lighting system provided just adequate lighting levels but not the expected levels of energy efficiency. By switching from standard TL-D fluorescent lamps to MASTER TL-D Eco, Arçelik achieved an energy saving of 11%, combined with an increase in illuminance of 5%. The eco-friendly, long life solution reduces maintenance and routine replacements and will also reduce CO₂ emissions by 11%.

Istanbul, Turkey

Lighting designer: Uluç Atlı, Yasemin Çiçek, Hüsamettin Akbaş

Product solution

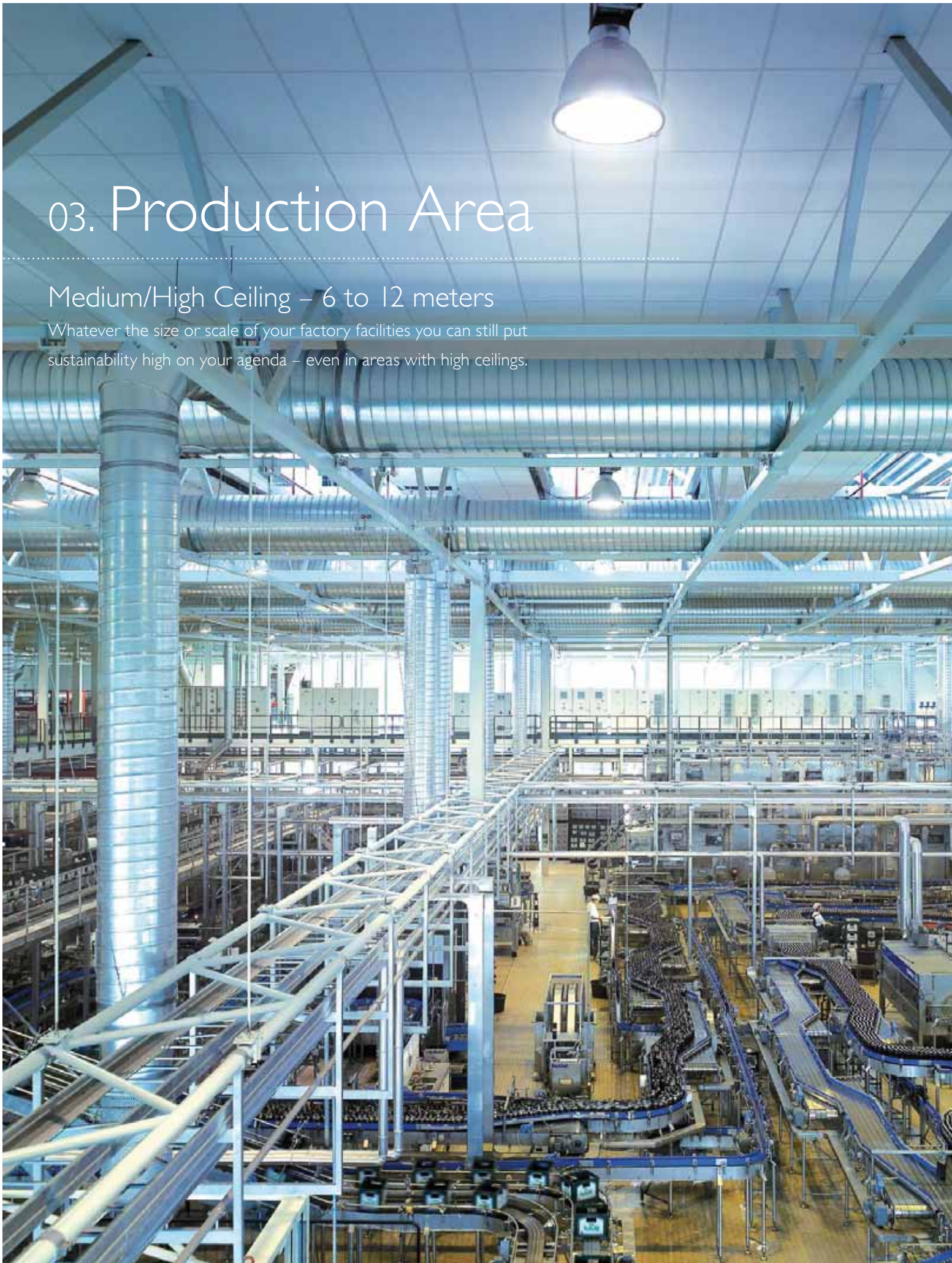
MASTER TL-D Eco



03. Production Area

Medium/High Ceiling – 6 to 12 meters

Whatever the size or scale of your factory facilities you can still put sustainability high on your agenda – even in areas with high ceilings.



L&T Steel

L&T wanted to use best products for their new plant at Hazira including best lighting products. Philips provided a range of energy efficient lighting solutions to L&T steel.

Hazira, Gujarat, India

Product solution

PowerBalance 2 X 2 LED luminaires, HPK 225 highbay luminaires with SON lamps, RVP302 and asymmetric luminaires.

Delighted Customer

We wanted to use best products for our new plant at Hazira including best lighting products. Philips partnered with us at various stages of this project through lighting simulations. Philips is known for its quality products and we are happy that we chose them for meeting our lighting needs.

- Mr. R. G. Kulkarni, CEO, L&T Special Steel and Heavy Forging

A wide-angle photograph of a modern control room. Several operators in white shirts are seated at long desks, each equipped with multiple computer monitors. The room features a drop ceiling with recessed lighting, large windows on the left side, and a prominent white pillar in the foreground. The overall atmosphere is professional and focused.

04. Control Room 24/7

To maintain productivity in control room environments, staff need to work effectively right around the clock. But without the benefits of natural daylight to keep them fresh and vigilant, night workers may become less productive, lose concentration or make a costly mistake. Philips Dynamic Lighting helps everyone feel energized and focused, whatever shift pattern they're working.

Akshaya Pvt. Ltd.

Akshaya needed a green office lighting solution partner for their headquarter at Chennai, Philips was selected as a green and sustainable lighting solution partner.

Chennai, India

Product solution

Cirrus LED 2X2 Luminaires and GreenLED Downlighters.

Delighted Customer

Philips lighting team partnered with Akshaya Team and provided energy efficient LED lighting solutions for their corporate office.



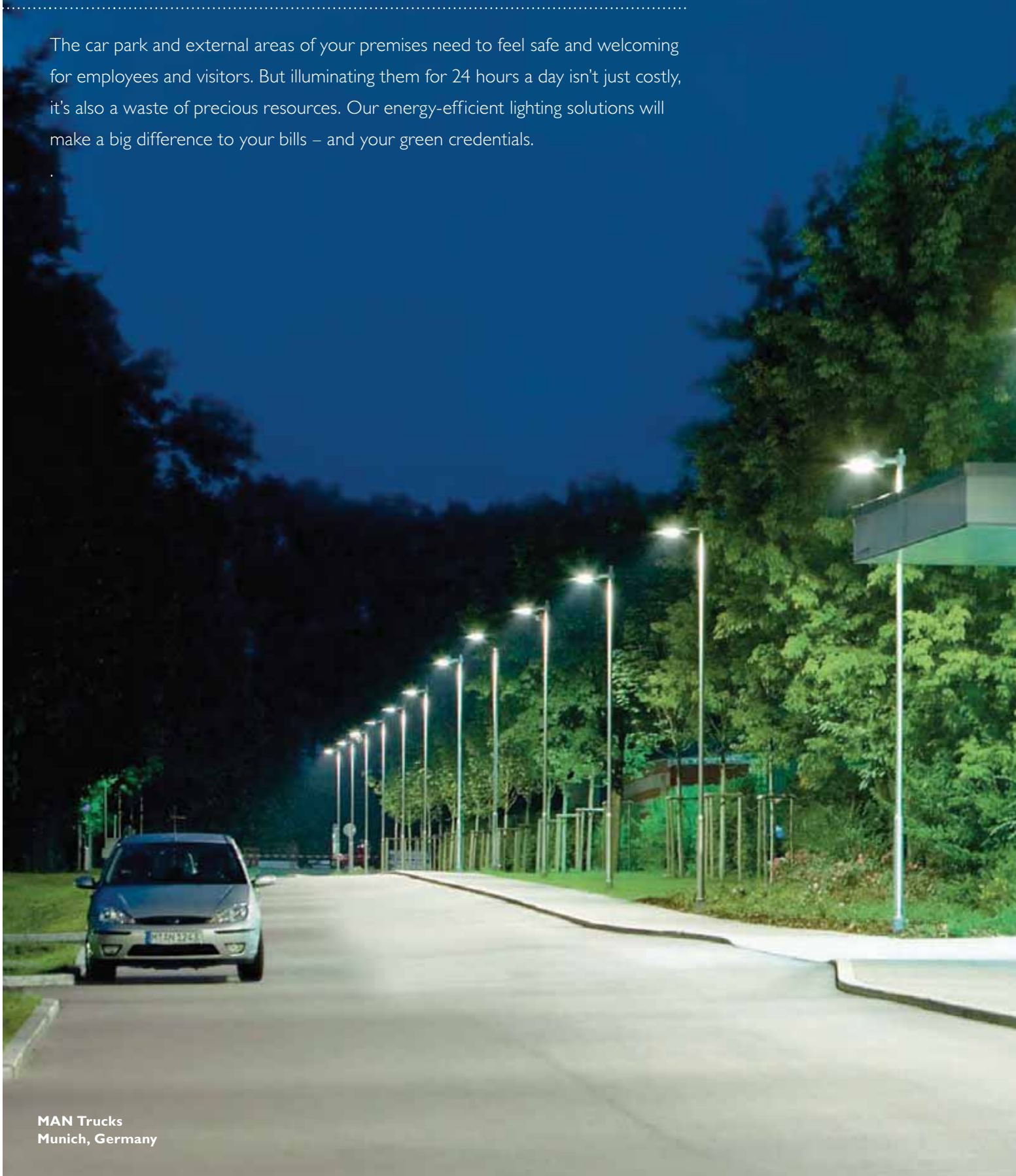
05. Offices

Offices in industrial settings often lack the quality of light that helps to improve concentration and performance. But that doesn't mean that you have to illuminate them with energy-draining solutions that waste resources and harm the environment. Our green solutions create comfortable work spaces that enhance well-being and save money.



06. Parking and Streets

The car park and external areas of your premises need to feel safe and welcoming for employees and visitors. But illuminating them for 24 hours a day isn't just costly, it's also a waste of precious resources. Our energy-efficient lighting solutions will make a big difference to your bills – and your green credentials.



MAN Trucks
Munich, Germany

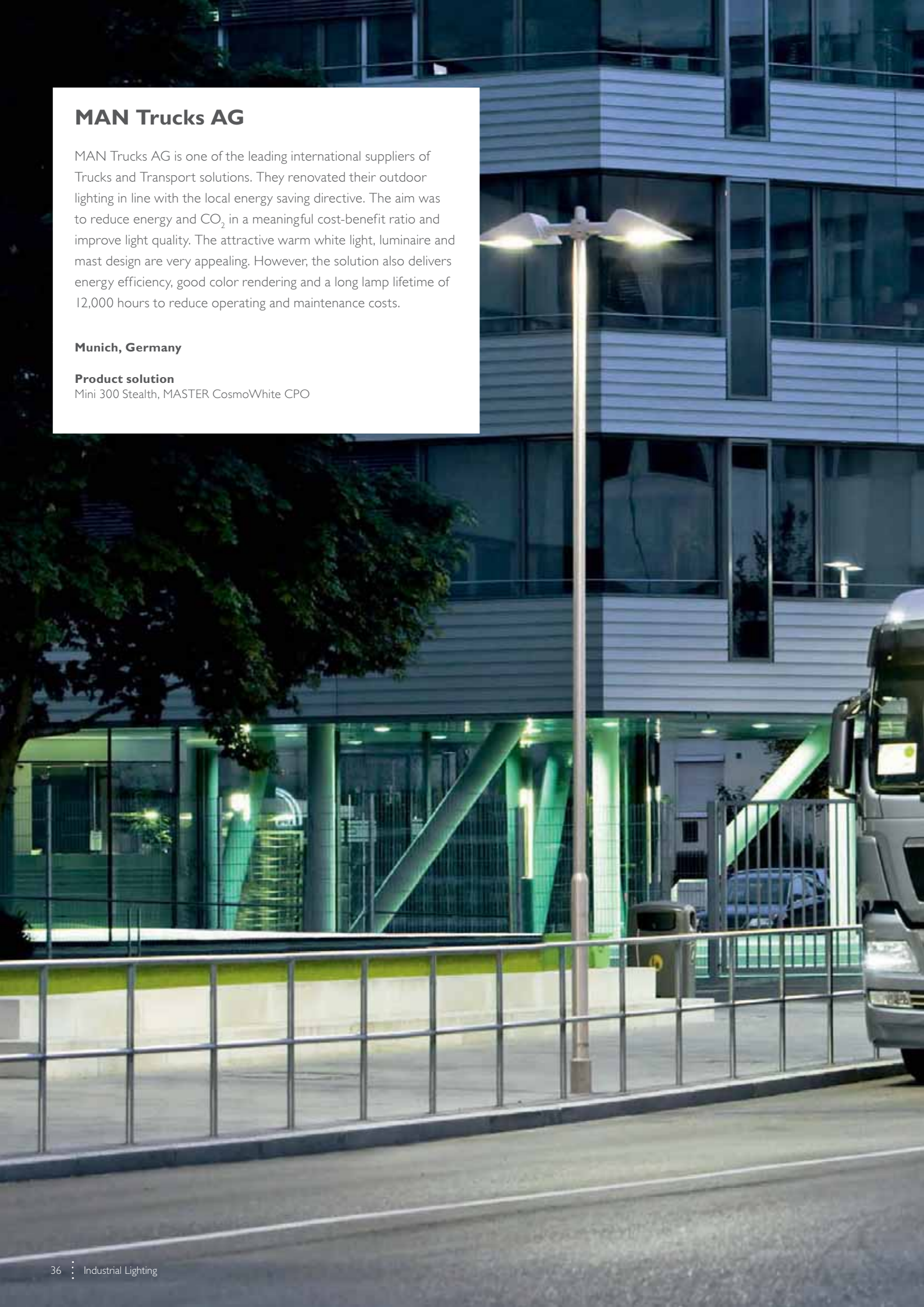
MAN Trucks AG

MAN Trucks AG is one of the leading international suppliers of Trucks and Transport solutions. They renovated their outdoor lighting in line with the local energy saving directive. The aim was to reduce energy and CO₂ in a meaningful cost-benefit ratio and improve light quality. The attractive warm white light, luminaire and mast design are very appealing. However, the solution also delivers energy efficiency, good color rendering and a long lamp lifetime of 12,000 hours to reduce operating and maintenance costs.

Munich, Germany

Product solution

Mini 300 Stealth, MASTER CosmoWhite CPO



Product overview





03. Production area medium/high ceiling



TPS550

- Green energy efficient solution
- Best in class output ratio > 92%
- Versatile solution
- Easy maintenance



TPS330

- High on energy savings – can be used with upto 6 T5 lamps
- Housing made of CRCA sheet steel
- Very good light distribution due to high grade Al reflector
- Easy maintenance



GreenBay LED Highbay

- Instant Start
- 40%* energy saving
- Maintenance friendly
- Eco friendly with no mercury



T5 HE

- Up to 39%* energy savings v/s conventional TL lamp
- Long life : 24000 hrs
- Excellent light output
- Low mercury content



HPK225

- Compact high pressure die-cast aluminium housing
- Specially designed housing to ensure IP 65 ingress protection
- Very good light distribution through anodized aluminium reflector
- Easy maintenance



Networked Timer

- Networked, Astronomic Timer Interface
- Create automated Lighting Tasks / Schedules
- Helps to plan & manage energy savings

* Conditions apply



04. Control room 24/7



PowerBalance LED

- Upto 30%* energy saving
- Long life : 50000 hrs
- High CRI > 85
- Very good quality light through smart pyramid optics



Cirrus LED

- Upto 30%* energy saving
- Long life : 40000 hrs
- High CRI > 80
- Good quality light through high efficiency optics



Sereno LED

- > 30%* energy saving
- Long life
- High CRI > 80
- Good quality light through high efficiency optics



OccuSwitch Occupancy Sensor

- Plug & play operation with automatic control
- Smart savings – daylight switch/override functionality
- High quality – meets all performance standards
- Smart timer



Networked Timer

- Networked, Astronomic Timer Interface
- Create automated Lighting Tasks / Schedules
- Helps to plan & manage energy savings



South

Philips Electronics India Ltd,

Temple Towers, 5th. Floor,
Old no. 476, new no. 672,
Anna Salai, Nandanam, Chennai 600 035
Tel :- 91 44 6650 1000
Fax :- 91 44 6650 1075
Email : lighting.india@philips.com

Philips Electronics India Ltd,

Area sales manager
Philips Innovation Campus
Manyata Tech Park, Nagavara
Bengaluru-560045
Tel : 080-4189 0000
Fax :- 080 6692 9930
Email : lighting.india@philips.com

Philips Electronics India Ltd,

Area sales manager
6-3-1109 / I / P/ 103, 3rd floor
Jewelpawani Towers, Rajbhavan Road,
Somajiguda, Hyderabad
Tel :- 040 6646 7676 / 4825
Fax :- 040 6678 7974
Email : lighting.india@philips.com

East

Philips Electronics India Ltd,

Regional sales manager
7, Justice Chandra Madhab Road,
Kolkata 700 020
Tel : 91 33 2486 7621-24
Fax : 91 33 2486 8318
Email : lighting.india@philips.com

North

Philips Electronics India Ltd,

Regional sales manager
9th Floor, DLF - 9B, DLF Cyber City
DLF Phase 3, Gurgaon 122002
Tel :- 91 124 460 6000
Fax :- 91 124 460 6666
Email : lighting.india@philips.com

West

Philips Electronics India Ltd,

Regional sales manager
Technopolis Knowledge Park,
Mahakali caves road,
Chakala, Andheri East, Mumbai 400093
Tel :- 91 22 6691 2000
Fax :- 91 22 6691 2389 / 6691 2398
Email : lighting.india@philips.com

Philips Electronics India Ltd,

Area sales manager
602, Heritage Tower, 6th floor,
Behind Visnagar Co-op Bank,
Near Gujarat Vidyapith, Usmanpura,
Ahmedabad, Gujarat
Tel :- 91 79 2754 0708
Fax :- 91 79 2754 0666
Email : lighting.india@philips.com

Philips Electronics India Ltd,

8th floor, DLF - 9B, DLF Cyber City
DLF phase 3, Gurgaon 122002
Tel :- 91 124 460 6000
Fax :- 91 124 460 6666

Contact customer service executive at
1800 102 2929 (Toll free)
1860 180 1111, 0124- 4291111
“Standard call rates apply”



© 2013 Koninklijke Philips Electronics N.V.

All rights reserved. Reproduction in whole or in part is prohibited.
Owing to continuous innovation and improvement, Philips India reserves the right
to make changes in the data/details without prior notice.
Care has been taken to ensure that the information contained within is correct.