
TYCOON
FREE-STANDING LUMINAIRES





THE INTELLIGENCE OF LIGHTING.

LIGHTING COMPONENTS FOR INDIVIDUAL REQUIREMENTS.

Today, four out of five people work in knowledge-based professions. It is vital to create the optimum working environment for them. The focus should be placed on the needs of these people. That is why lighting plays a key role in this. Light affects the atmosphere of an office and influences people's health, well-being, motivation and performance.

Their needs differ greatly. Good lighting adapts to individual needs and meets the demands of different visual tasks at the workplace. Intelligent lighting technology also enhances the lighting comfort at the workplace and simultaneously helps to save energy and maintenance costs.

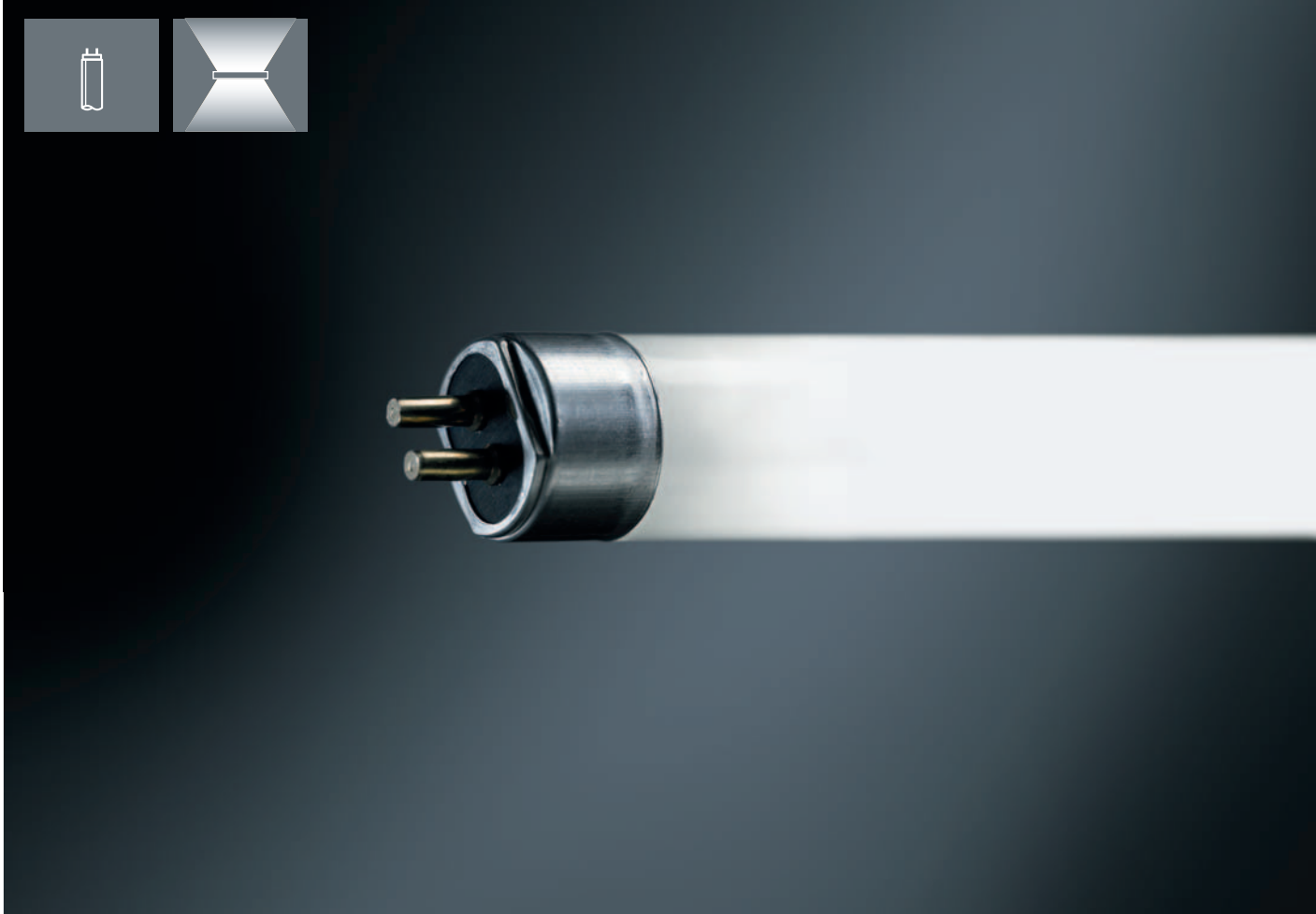
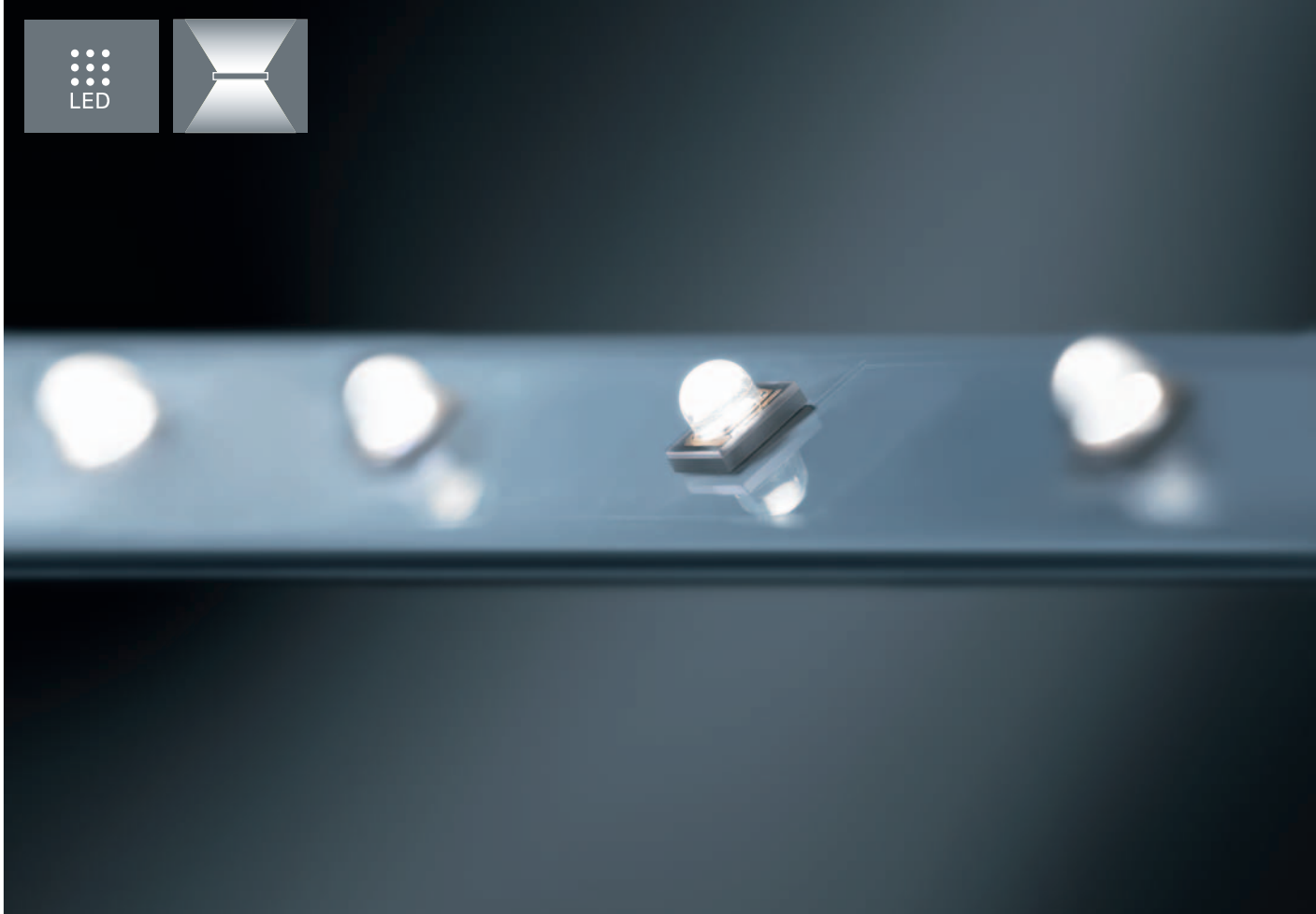
Waldmann meets the diverse needs of modern workplace lighting with its individual lighting solutions. The principle behind this is the company's TWIN-C concept: For the best possible solution, cleverly devised lighting concepts are combined with the matching luminaire components. This leads to optimum light at the workplace – geared towards personal, task-related and energy needs.

TYCOON FREE-STANDING LUMINAIRES. ONE DESIGN, MANY OPTIONS.

The TYCOON family of luminaires uniquely combines energy efficiency and lighting comfort – independent of the technology used. Because TYCOON meets the diverse requirements of modern workplace lighting with two different technologies: Fluorescent and LED.

Highly efficient and state-of-the-art fluorescent lamps or LED technology enable us to combine the requirements of users, operators and investors in a single lighting solution.

TYCOON also stands out due to its unmistakable design: The angular luminaire head, combined with a straight or offset steel tube, has become a trademark for high-quality office lighting. All free-standing luminaires can be operated intuitively – for maximum convenience at the workplace. In addition, the luminous intensity can be adjusted as required. This helps the user to work without getting tired and results in energy savings.



CLEANING AND MAINTENANCE. INTELLIGENCE MAKES LIFE EASY.



Cleaning and maintenance

Fluorescent free-standing luminaires
The side parts can be removed without tools and the disk can be extracted. Subsequently, the illuminants can be easily removed or the disk can be wiped clean.

LED free-standing luminaires
A completely closed system prevents dirt from getting into the luminaire head. This significantly reduces the cleaning cycle.
Thanks to a longer LED service life, the TYCOON LED also features a completely maintenance-free life.

Operation

The operating element is situated at working height. You can reach it without standing up. It is extremely easy to operate and shows you the current output of your TYCOON. The communication with switched on sockets is also possible.

Ergonomics

The branched foot – outstanding stand stability with cleverly devised ergonomics. If table legs are in the way, just push the luminaire closer to you.



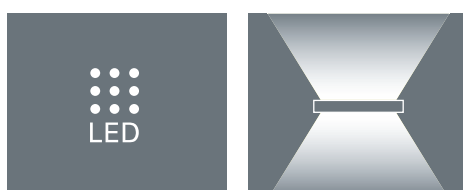




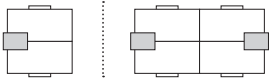
TYCOON LED.
THE TRENDSETTER.



What offers forward-looking lighting with high lighting quality? Quite simply: the TYCOON LED. This free-standing luminaire is the epitome of high-quality and innovative technology by the Waldmann lighting engineers. A high number of mid-power LEDs with prism structures ensures optimum all-round glare control. At the same time, the TYCOON LED provides a particularly pleasant and homogeneous area light that can fully compete with fluorescent technology. As a result, even two work stations can be ideally illuminated for a worthwhile and future-oriented solution.



TYCOON LED:
Optimum quantity of direct light downwards
and indirect light upwards, dimmable.



Possible positions.



TYCOON LED is unique. It is particularly efficient and provides premium lighting quality. In addition, the combination of investment and lifecycle costs leads to significant savings in the medium term. The use of standardized, Zhaga-based Light Engines not only makes the TYCOON LED a sustainable, but also a cost-effective lighting solution.

Its dimmability makes this workplace lighting solution particularly flexible. TYCOON LED offers precisely what is needed for modern workstation lighting. Intelligent lighting management and the possibility for each employee to adjust their light source based on individual and task-related needs. This not only supports ergonomics, but also well-being at the work station.



efficient *light*



TYCOON LED at a glance:

- LED for the lighting of workrooms
- Two individually adjustable lighting levels
- Easy to reach, multifunctional operating element
- Luminaire head can be rotated by +/-90°
- Closed luminaire head with cover
- Glare-free technology with light-amplifying CDP micro prisms, incl. Light Forming Technology
- Future-proof thanks to LED Light Engines in accordance with the Zhaga Standard
- LED service life 50,000 h (L70/B50)

TYCOON LED surfaces:

Luminaire head	white	silver metallic
Tubular section	white	silver metallic
Standing base	white	silver metallic



TYCOON FLUORESCENT.
ESTABLISHED LIGHTING QUALITY.



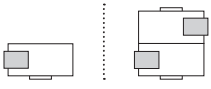




How can you provide extensive economic efficiency for lighting? The fluorescent lamp has established itself as common office luminaire technology: It's no wonder because they provide pleasant, glare-free light at the workplace and are also highly efficient. This saves energy costs. TYCOON free-standing luminaires additionally support economic planning with durable materials and good lighting quality. The optimum light motivates and thus enhances performance at the workplace. As a result, the TYCOON fluorescent free-standing luminaires have established themselves as a completely cost-effective solution.

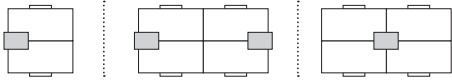


TYCOON fluorescent:
Optimum quantity of direct light downwards
and indirect light upwards.

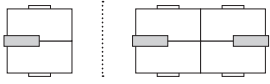


2 x 55 W

Possible positions.



4 x 55 W



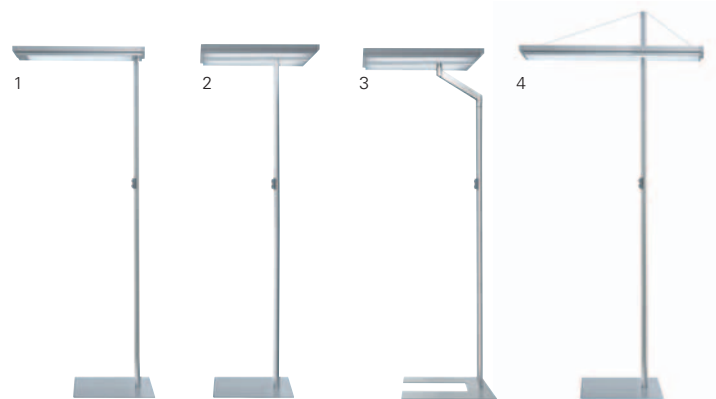
2 x 54 W



TYCOON COMFORT free-standing luminaires enhance energy efficiency in offices and administration buildings. Their lighting technology with its innovative micro prism results in high efficiency and completely glare-free lighting. This is important because tasks at the workplace are not only diverse, but are also supported by different electronic media. This means that high demands for glare-free lighting to ensure good visibility are absolutely essential.

Thanks to the different connection variants of its luminaire head, the TYCOON COMFORT can do a good job in many different work station configurations. But its operating concept remains intuitive and user-friendly. Each employee is able to define their own individual lighting situation. Intelligent lighting management further increases the comfort by regulating the illuminance dependent on daylight and presence.

efficient *light*



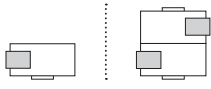
TYCOON COMFORT at a glance:

- Two individually adjustable lighting levels
- Easy to reach, multifunctional operating element
- Head connection can be rotated to an angle of +/- 90° (1, 2, 3)
- Head connection can be rotated to an angle of +/- 45° (3)
- Removable side part and disk for easy changing of illuminant and simple cleaning (1, 2, 3)
- Glare-free technology with light-amplifying CDP micro prisms
- Luminaire head cannot be rotated (4)

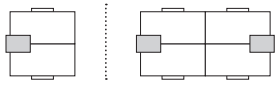
TYCOON COMFORT surfaces:

Luminaire head	silver metallic
Tubular section	silver metallic
Standing base	silver metallic





2 x 55 W



4 x 55 W

Possible positions.



TYCOON CLASSIC features convincing simplicity. Reduced to the basic requirements of modern office luminaires, it is particularly suitable for cost-oriented project requirements. But no compromises are made when it comes to lighting comfort. Thanks to the different connection variants of its luminaire head, the TYCOON CLASSIC can be ideally integrated in many different workstation configurations.

Thus, it can be conveniently and intuitively operated from both a standing and a sitting position. It also features highly convenient maintenance thanks to its simple and tool-free cleaning.

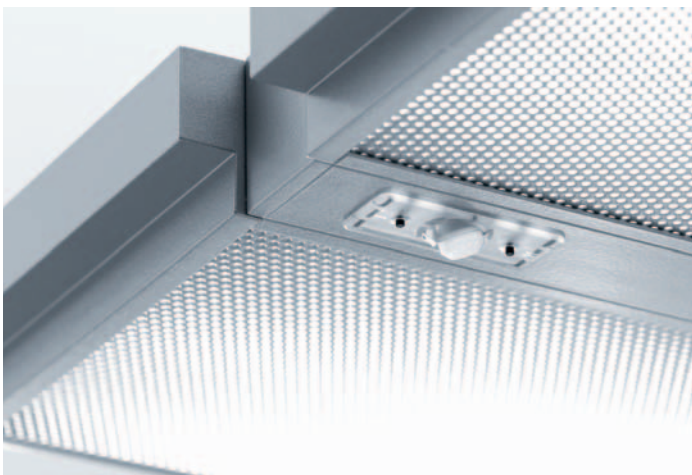


TYCOON CLASSIC at a glance:

- Operating element in the luminaire head
- Luminaire head can be rotated by $\pm 90^\circ$
- Removable side part and fine-louvre element for easy changing of illuminant and simple cleaning
- Glare-free technology with fine-louvre perforated plate

TYCOON CLASSIC surfaces:

Luminaire head	silver metallic
Tubular section	silver metallic
Standing base	silver metallic



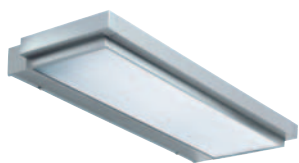
A modern office interior featuring a large window with a view of greenery. In the foreground, a white desk holds a laptop and a monitor. A long, sleek, rectangular pendant light fixture hangs from the ceiling, casting a soft glow. The text "EFFECTIVE AND INTELLIGENT LIGHTING." is centered in the lower half of the image.

EFFECTIVE AND
INTELLIGENT LIGHTING.

TYCOON is more than just a free-standing luminaire. With wall-mounted, desk-mounted, suspended and mounted luminaires, the product family offers a wide range of intelligent lighting solutions. With their angular, but clear-cut design, the TYCOON luminaires can be unobtrusively integrated in a wide range of office constellations.

They combine intelligent and innovative technology with highly efficient illuminants. This means that the best and most economical solution can be found for every person, in every office.

TYCOON
WALL-MOUNTED LUMINAIRE



60 cm

TYCOON
DESK-MOUNTED LUMINAIRE



TYCOON
SUSPENDED LUMINAIRE



130/160 cm

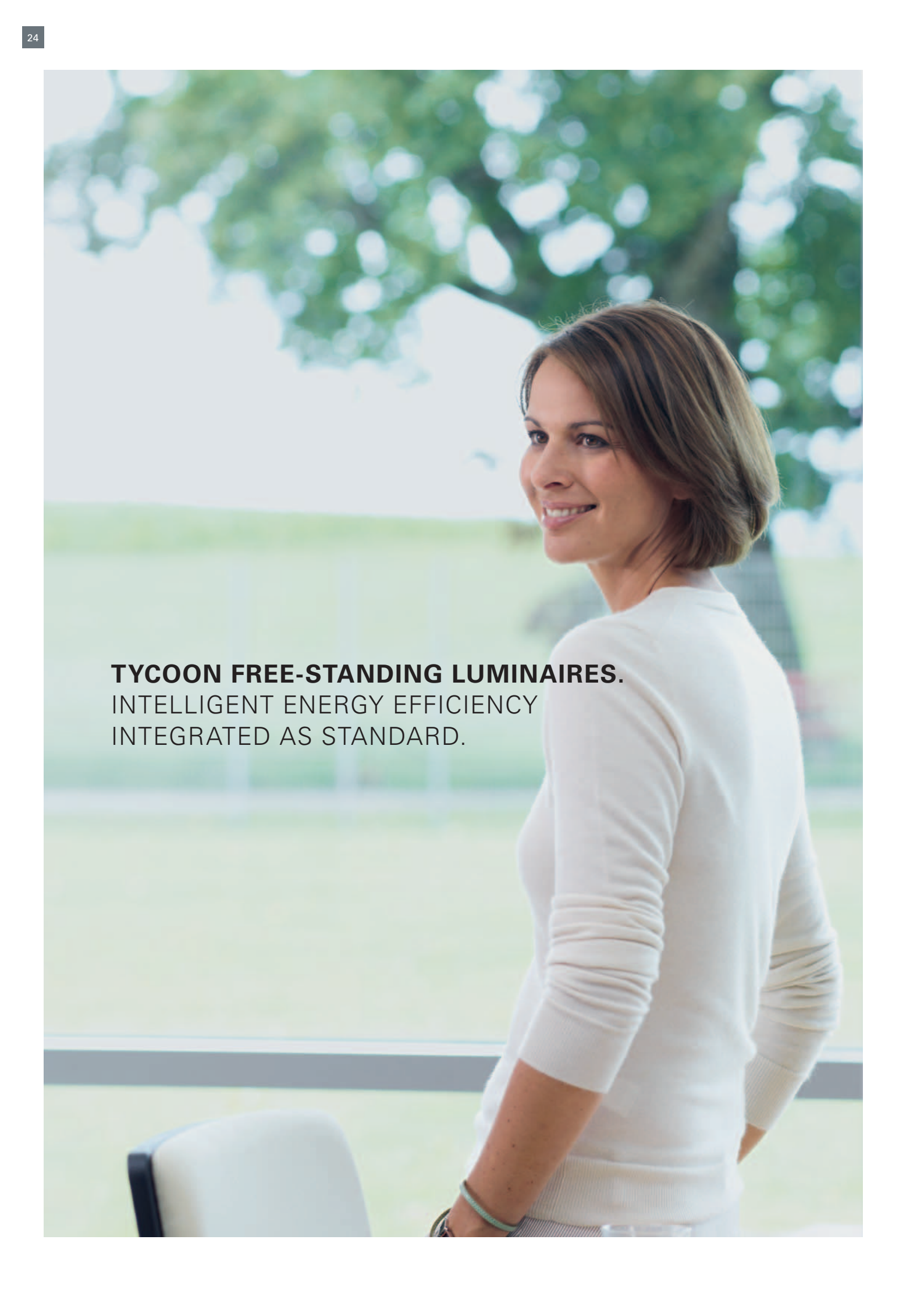


250 cm

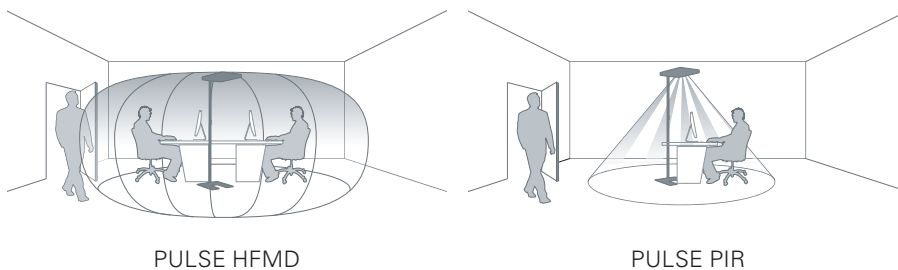
TYCOON
MOUNTED LUMINAIRE



130 cm

A woman with short brown hair, wearing a white long-sleeved sweater, is shown from the waist up, looking out of a window. She is smiling slightly and looking towards the left. The background outside the window is a bright, sunny day with a green golf course and a large tree. The text is overlaid on the left side of the image.

TYCOON FREE-STANDING LUMINAIRES.
INTELLIGENT ENERGY EFFICIENCY
INTEGRATED AS STANDARD.



Intelligent lighting management. Already efficient in their operation, Waldmann free-standing luminaires can save even more energy if they are combined with a lighting management system: The PULSE HFMD (High Frequency Motion Detector) developed by Waldmann detects even the tiniest movements within a defined field. Accordingly, the luminaire switches on when someone enters the room and automatically switches off again when they leave. A sensitive sensor system regulates the amount of lighting from the luminaires based on the level of daylight. This can reduce energy consumption of individual luminaires by up to 50 % when compared to the installed output. In addition to this highly sensitive presence detecting technology, Waldmann free-standing luminaires can also optionally be equipped with passive infrared motion sensors (PULSE PIR).

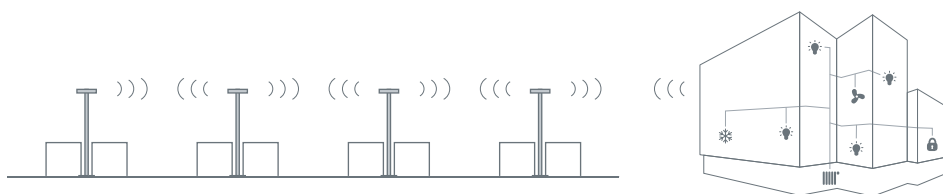
Reduced operation time increases the service life of fluorescent lamps and extends the maintenance interval. Additional energy-saving potential can also be achieved by using universal KNX or LON system components or the EnOcean wireless model PULSE TALK for the presence information to other facilities (shade, heating, ventilation and air conditioning). This makes it possible for ATARO PULSE HFMD and PULSE PIR to exchange information with other systems and become part of an intelligent building. Additional modules or special designs are not required.





PULSE TALK
YOU'LL NEVER
WORK ALONE

PULSE TALK. COMBINES SECURITY AND WELL-BEING.



Twilight, bad weather, the winter months – situations that can cause “islands of light” in conjunction with work station-oriented lighting: you sit alone in the office and, except for your own desk, the rest of the room is dark. With PULSE TALK from Waldmann, this phenomenon becomes a thing of the past: the state-of-the-art wireless module enables luminaires in a group to communicate with each other and react to the presence or absence of people. A lighting scenario with no unpleasant darkness and no disturbing light islands is the result.

PULSE TALK consists of only one compact component – simple to install, program, and operate: With only a few simple steps, the wireless module can be put into operation. Because it is wireless, the communication between luminaires does not require any technical building installation. PULSE TALK is compatible with EnOcean wireless technology: Thus, other facilities that are based on this, such as heat, air conditioning or ventilation, can be controlled using the luminaire’s presence detection system. Dimmable and sensor controlled Waldmann free-standing and desk-mounted luminaires can be delivered with the module, but can also be retrofitted with it at any time.

With cleverly thought out technology and simple handling, PULSE TALK ensures a feeling of security, a pleasant working atmosphere and enhanced ability to perform.



The compact wireless module is child’s play to install, program and operate. All PULSE TALK settings can be changed or expanded at any time, e.g. for organizational changes in the office world.



Sustainable building. An efficient treatment of our resources and responsible planning and construction are becoming increasingly important for our future. Waldmann makes an important contribution to this by constantly further developing its lighting concepts. The entire service life cycle and every phase of each solution are taken into account, from development to disposal. Always with the goal of using an integrative approach to maintain the balance of energy efficiency and lighting comfort.

Furthermore, Waldmann is actively involved in the development of sustainability standards for buildings and the products designed for them – awarded the sustainability medal of the German Sustainable Building Council (DGNB). Numerous reference projects are proof of the high lighting quality and energy efficiency of Waldmann solutions. Building a sustainable future is a challenge in which we will happily and competently support you.

Welcome to the Green Office.

“Office Efficiency” – that means reducing costs and increasing productivity. A survey by the Fraunhofer-Institut IAO shows that the ecological design of office work will soon become highly significant. Light plays an important role here: It consumes energy, enhances the user’s performance and considerably influences flexible room design – and use in the building. “Green” lighting offers tremendous possibilities to protect resources and save energy. It directly affects the lifecycle costs and thus the attractiveness of the property.

Thinking ahead.

Sustainability arises when a product is judged on its entire service life. The economic potential can be most clearly observed in the operating costs. Innovative lighting concepts from Waldmann require 44 % less energy – this is shown by the result of a 12-month monitoring by the Hochschule Rosenheim (University of Applied Sciences) and ThyssenKrupp Real Estate GmbH in Essen. Further potential also lies in the higher level of investment security thanks to value maintenance and in socially sustainable factors: increased comfort, individual adjustment and flexibility for the users.



Certified sustainability.

Sustainability does not happen by chance, but from high quality in all disciplines: luminaires from Waldmann are environmentally friendly and resource-friendly, are energy efficient, and offer users optimum lighting quality. Designed to offer a long product life, high system guarantees are granted on carefully selected components and materials. Luminaires awarded the "efficient light" certificate are particularly energy-optimized Waldmann products with a very high lighting quality.

Service – all inclusive.

Waldmann's all-inclusive service offers you the whole range of support for your project.

The aim is an optimally customized solution for each customer – with complete service packages or individual services according to a modular principle. The project work features careful planning and requirement-oriented implementation. Reliable all-inclusive service that creates scope, Enabling you to concentrate entirely on your competencies – the development of sustainable and high-quality buildings and workplaces.

Waldmann supports you with:







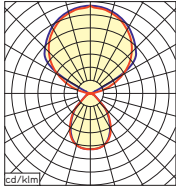
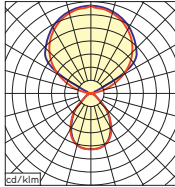
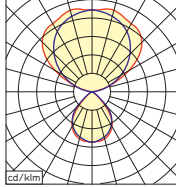
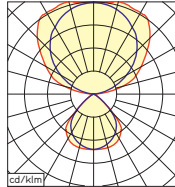
- Direct and personal support
- Concept consulting
- Lighting planning
- Profitability analysis
- Samples
- Individual financing
- Project management
- Assembly
- Connection to light and building management systems (DALI, LON, KNX)
- E-check, first test in accordance with BGV A3 (the German Regulation for the Prevention of Industrial Accidents, Electrical Systems and Equipment)
- Cleaning and maintenance

Further information:

Consultation Hotline:
Tel: +49 7720 601-100
Fax: +49 7720 601-290
info@waldmann.com





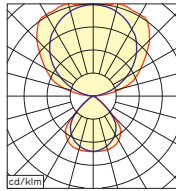
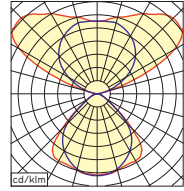
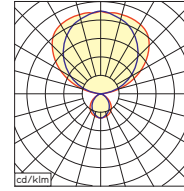
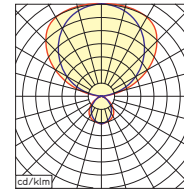
efficient *light*



	 TYCOON LED		 TYCOON FLUORESCENT COMFORT	
				
LAMP TYPE	504 x LED	504 x LED	2 x TC-L 55W/840	4 x TC-L 55W/840
LIGHT DISTRIBUTION				
Direct share greater than 20 %	●	●		●
Direct share less than 20 %			●	
Direct/indirect light individually adjustable for dimmable variants	●	●		
GLARE-FREE				
CDP micro prisms	●	●	●	●
Fine-louvre perforated plate				
UGR < 16 (LITG reference room 4H/8H)			●	●
UGR < 19 (LITG reference room 4H/8H)	●	●		
Luminance ≤ 1000 cd/m ² ¹			●	●
Luminance ≤ 1500 cd/m ² ²				
Luminance ≤ 3000 cd/m ² ³	●	●		
POSITION OPERATING ELEMENT				
In the tube	●	●	●	●
In the luminaire head				
LIGHT MANAGEMENT				
Switchable				
Dimmable				
DALI				
WIRELESS				
PULSE switchable			●	●
PULSE dimmable	●	●	●	●
PULSE PIR	●	●	●	●
PULSE HFMD	●	●	●	●
PULSE KNX				
PULSE LON				
PULSE TALK ⁴	●	●	●	●
ENERGY EFFICIENCY				
Minergie module, luminaires	●	●	●	●
Luminaire light efficiency > 65 lm/W	●	●		
Luminaire light efficiency > 60 lm/W			●	●
Luminaire light efficiency > 55 lm/W				
Energy efficiency class EEI lamp/ballast			A/A2 BAT	A/A2 BAT
Power consumption (typical)	105 W	105 W	114 W	235 W

¹ EN12464-1:2011 monitor with negative polarity, higher requirements e.g. color proofing² EN12464-1:2011 monitor with negative polarity, higher requirements e.g. CAD³ EN12464-1:2011 monitor with positive polarity, normal requirements e.g. Office applications⁴ Compatibility is dependent on the built-in luminaire control

TYCOON FLUORESCENT CLASSIC

			
4 x TC-L 55W/840	2 x T16 54W/840	2 x TC-L 55W/840	4 x TC-L 55W/840
			
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
A/A2 BAT	A/A2 BAT	A/A2 BAT	A/A2 BAT
235 W	119 W	114 W	235 W

ANNOTATIONS

AMBIO:

AMBIO is a glare-free technology developed by Waldmann that is precisely customized for fields of application in architecture and used exclusively in Waldmann products.

BAT:

Best Available Technology

IEF:

Illuminance Efficiency Factor = Illuminance E_m at a measuring distance of 50 cm [lx]/consumption [W]

CDP:

Conical De-glaring Prism

DALI:

Digital Addressable Lighting Interface, interface for lighting direction in accordance with IEC 62386.

Waldmann is a member of the DALI consortium

EnOcean Alliance:

The EnOcean Alliance supports innovative automation solutions with battery-free wireless technology for sustainable building projects in order to make buildings more energy efficient, flexible, and cost-effective. Waldmann is a participating member of the EnOcean Alliance.

KNX:

The Konnex-Bus (KNX) is a standard in accordance with EN 50090 and ISO/IEC 14543 for a fieldbus that is primarily used in building automation. Originated in Europe.

Luminance:

Over 65° beam angle in accordance with EN12464-1:2011:

≤ 1000 cd/m² monitor with negative polarity,

higher requirements e.g. color proofing

≤ 1500 cd/m² monitor with negative polarity,

higher requirements e.g. CAD

≤ 3000 cd/m² monitor with positive polarity,

normal requirements e.g. Office applications

LON:

Local Operating Network (LON) is a standard for a fieldbus in accordance with DIN EN 14908 that is primarily used in building automation. Originated in USA.

PULSE:

Waldmann light management system with PULSE control. All PULSE-based systems have the following functions in common: intelligent operating element, automatic storage of the last switching and dimming states, external switching (switched on socket)!

PULSE PIR:

Passive Infrared System with motion sensor and daylight control

PULSE HFMD:

High frequency sensor system with presence and daylight control

PULSE KNX:

Communicative luminaire with integrated KNX component, including PULSE PIR or PULSE HFMD sensor system

PULSE LON:

Communicative luminaire with integrated LON nodes, including PULSE PIR or PULSE HFMD sensor system

PULSE TALK:

Retrofittable wireless module for communication between luminaires

UGR:

Unified Glare Rating, limiting values for the assessment of reflective glare according to LiTG publication 20:2003

"No glare"	< 16 e.g. CAD
"Glare between nonexistent and noticeable"	< 19 e.g. office
"Glare noticeable"	< 22 e.g. corridor, archives
"Glare between noticeable and disturbing"	< 25 e.g. warehouse, machine hall
"Glare disturbing"	
"Glare between disturbing and intolerable"	
"Glare intolerable (unacceptable)"	

Zhaga:

Zhaga is a consortium of industrial enterprises with the goal of standardizing the interfaces of LED light modules.



HEADQUARTERS GERMANY

Herbert Waldmann GmbH & Co. KG
Postfach 50 62
78057 VILLINGEN-SCHWENNINGEN
GERMANY
Telephone +49 7720 601-100
Fax +49 7720 601-290
www.waldmann.com
sales.germany@waldmann.com

FRANCE

Waldmann Eclairage S.A.S.
Zone Industrielle
Rue de l'Embranchement
67116 REICHSTETT
FRANCE
Telephone +33 3 88 20 95 88
Fax +33 3 88 20 95 68
www.waldmann.com
info-fr@waldmann.com

ITALY

Waldmann Illuminotecnica S.r.l.
Via della Pace, 18 A
20098 SAN GIULIANO MILANESE (MI)
ITALY
Telephone +39 02 98 24 90 24
Fax +39 02 98 24 63 78
www.waldmann.com
info-it@waldmann.com

THE NETHERLANDS

Waldmann B.V.
Lingewei 19
4004 LK TIEL
THE NETHERLANDS
Telephone +31 344 631019
Fax +31 344 627856
www.waldmann.com
info-nl@waldmann.com

AUSTRIA

Waldmann Lichttechnik Ges.m.b.H.
Gewerbepark Wagram 7
4061 PASCHING/LINZ
AUSTRIA
Telephone +43 7229 67400
Fax +43 7229 67444
www.waldmann.com
info-at@waldmann.com

SWEDEN

Waldmann Ljusteknik AB
Skebokvarnsvägen 370
124 50 BANDHAGEN
SWEDEN
Telephone +46 8 990 350
Fax +46 8 991 609
www.waldmann.com
info-se@waldmann.com

SWITZERLAND

Waldmann Lichttechnik GmbH
Benkenstrasse 57
5024 KÜTTIGEN
SWITZERLAND
Telephone +41 62 839 1212
Fax +41 62 839 1299
www.waldmann.com
info-ch@waldmann.com

UNITED KINGDOM

Waldmann Lighting Ltd.
Holme Well Road
Middleton
LEEDS LS 10 4TQ
WEST YORKSHIRE
UNITED KINGDOM
Telephone +44 113 2775662
Fax +44 113 2775775
www.waldmann.com
enquiries@waldmannlighting.co.uk

USA

Waldmann Lighting Company
9, W. Century Drive
WHEELING, ILLINOIS 60090
USA
Telephone +1 847 520 1060
Fax +1 847 520 1730
www.waldmannlighting.com
waldmann@waldmannlighting.com

CHINA

Waldmann Lighting Shanghai Pte. Ltd.
Part A, No. Five Normative Workshop
199 Changjian Road, Baoshan
SHANGHAI, P.R.C. 200949
CHINA
Telephone +86 21 5169 1799
Fax +86 21 3385 0032
www.waldmann.com
info@waldmann.com.cn

SINGAPORE

Waldmann Lighting Singapore Pte. Ltd.
168, Jalan Bukit Merah, #04-09B,
Connection One, Tower 3
SINGAPORE 150168
SINGAPORE
Telephone +65 6275 8300
Fax +65 6275 8377
www.waldmann.com
sales-sg@waldmann.com

INDIA

Waldmann Lighting Pvt. Ltd.
Plot No. 52
Udyog Vihar
Phase-VI, Sector-37
GURGAON-122001, Haryana
INDIA
Telephone +91 124 412 1600
Fax +91 124 412 1611
www.waldmann.com
sales-in@waldmann.com