Waldmann
LIGHT FOR BETTER RESULTS

Waldmann

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LIGHT FOR BETTER CARE

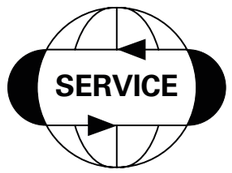
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WE CARE FOR BETTER LIGHT







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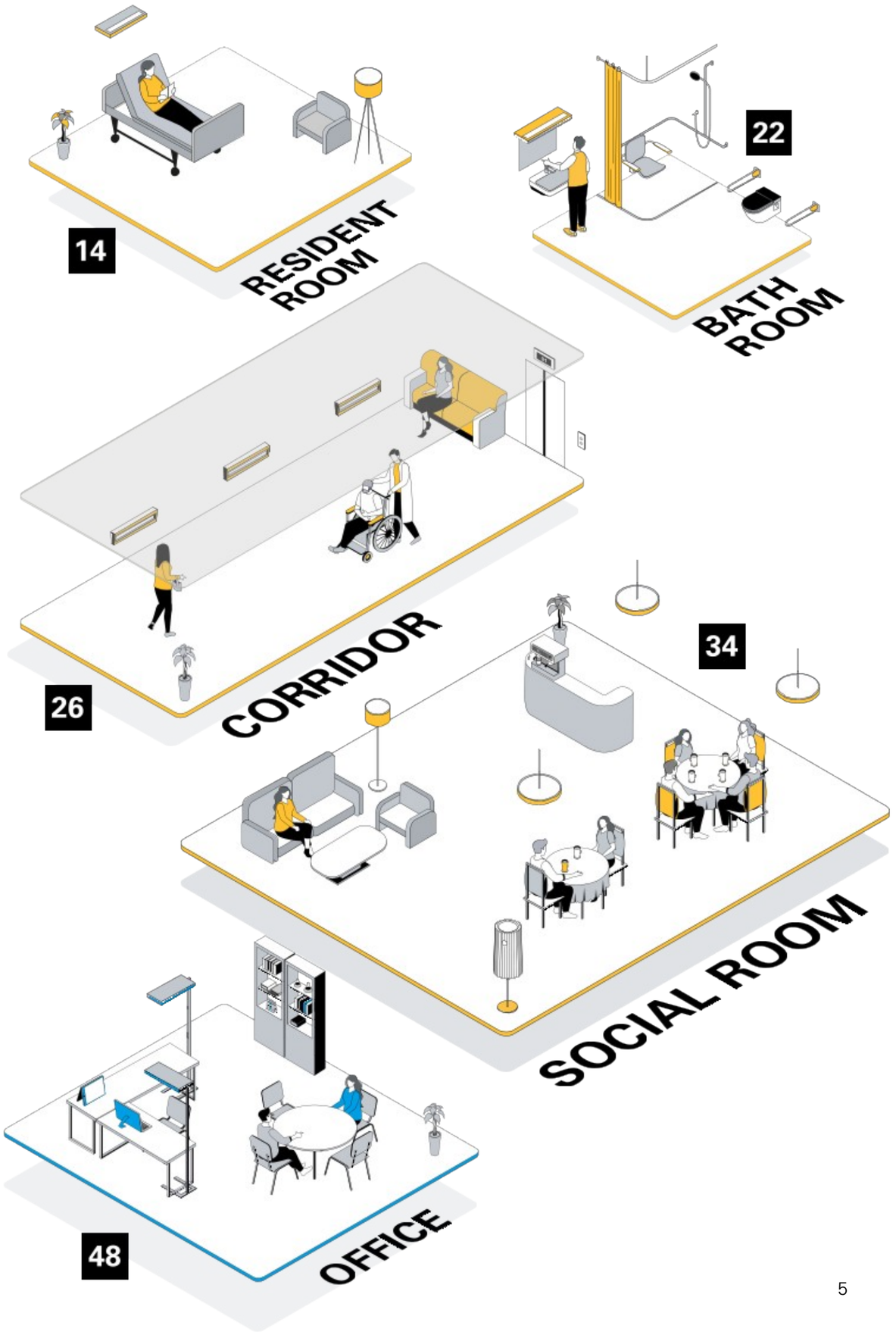
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LIGHT FOR BETTER CARE



FALL PREVENTION

„It is particularly gratifying that we have demonstrably recorded a very low fall rate among our clients (approx. 1.5 %). In normal households and in care facilities, this rate is more than 50 %. The difference is significant.“

Gerd Bekel
Managing Director and Scientific Director, ProPersonaCare,
Neubrandenburg

BETTER SLEEP

„Light is far more than brightness. It promotes alertness, encourages movement, and gives the day rhythm. Older adults benefit in particular: less daytime drowsiness, more activity—and thus the best foundation for a good night’s sleep. This creates an environment that not only provides safety, but also promotes calm and restorative nights.“

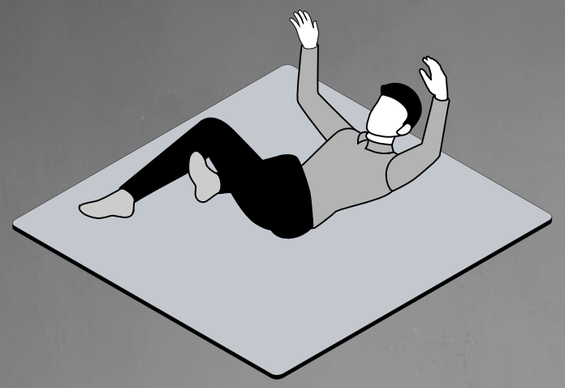
André Alesi
Sleep Scientist
Managing Director, Institut für Schlaf und Regeneration GmbH

DEMENTIA CARE

„A well-planned and purposefully applied lighting system means far more than just brightness in a room for people with dementia. Especially the use of biodynamic lighting, which follows the natural course of daylight, can demonstrably help to positively influence the disrupted day–night rhythm in people with dementia. In addition, good lighting supports spatial orientation, can contribute to daily structuring, minimize the risk of falls, and promote overall well-being.“

Antje Holst
Kompetenzzentrum Demenz in Schleswig-Holstein
Alzheimer Gesellschaft Schleswig-Holstein e.V. / Selbsthilfe Demenz

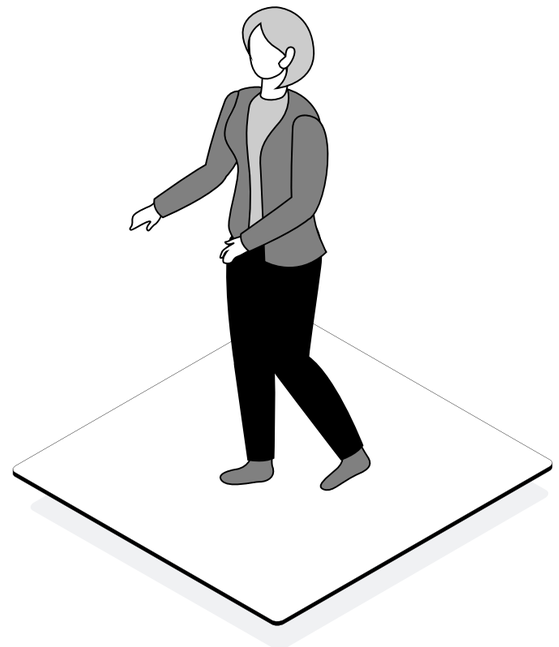
FALL — PREVENTION



usually
more than
50%
fall rate



Waldmann
less than
2%
fall rate



„It is particularly gratifying that we have demonstrably recorded a very low fall rate among our clients (approx. 1.5 %). In normal households and in care facilities, this rate is more than 50 %. The difference is significant.“

Gerd Bekel
Managing Director and Scientific Director ProPersonaCare, Neubrandenburg

FALL PREVENTION

What Happens When Seniors Fall?

MEDICAL CONSEQUENCES
Falls frequently lead to fractures among older adults—especially femoral neck fractures—which result in long hospital stays and lasting limitations. Complications such as thrombosis, pneumonia, or infections may occur. **[1]**

CARE AND DAILY-LIFE CONSEQUENCES
After a fall, mobility is often severely limited for weeks or months. This fosters loss of independence, increases the need for care, and in many cases raises the risk of becoming permanently bedridden. **[2]**

PSYCHOLOGICAL CONSEQUENCES
A fall often triggers fear of falling again, which dampens the desire to move and increases insecurity. Feelings of dependence and loss of control arise, frequently leading to withdrawal or depressive moods. **[3]**

ECONOMIC CONSEQUENCES FOR CARE FACILITIES
For care facilities, falls generate substantial additional costs that are not covered. Extended resident absences can lead to vacancies, and a high fall rate negatively affects attractiveness to families and care staff. **[4]**

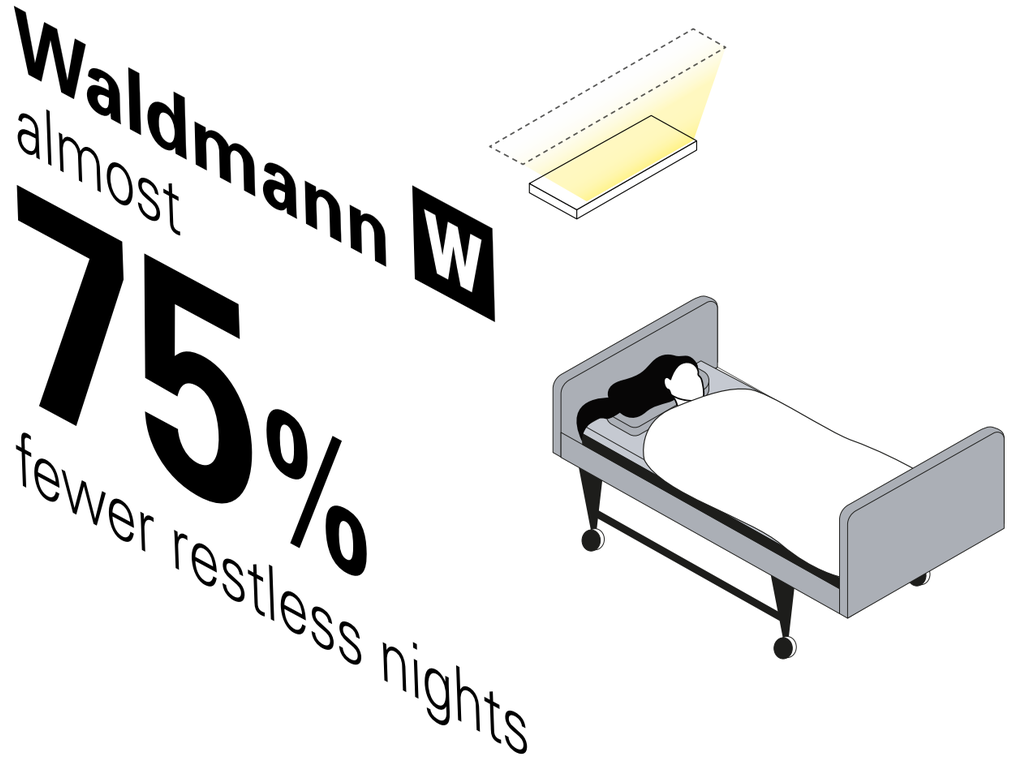
[1] Lohmann et al. (2007); femoral neck fractures as the most common admission diagnosis. **[2]** Lohmann et al. (2007); long-term need for care after a proximal hip fracture **[3]** Lighting study, Care-Therapeutic Centers Altentreptow & Neubrandenburg, pro-persona.care GmbH **[4]** Leslie, D. L., Marcantonio, E. R., Zhang, Y., Leo-Summers, L., & Inouye, S. K. (2008); substantial additional medical costs

Thanks to Waldmann, It Doesn't Have to Be This Way

While in private households and care facilities more than every second senior experiences a fall, the fall rate at pro-persona.care—thanks to Waldmann's innovative lighting concepts—is just 1.5 %, even though 80 % of residents are at increased risk.



BETTER SLEEP



BETTER SLEEP THROUGH THE RIGHT LIGHTING

As part of the modernization of the Fürstlich Fürstenbergisches Nursing Home in Hüfingen, the impact of biodynamic lighting on residents' well-being was examined.

After just eight weeks, sleep quality improved markedly. After about one year, there were almost 75 % fewer restless nights.

When the dynamic lighting was switched off during the test, sleep behavior reverted to the original level within six weeks. When the Waldmann lighting was switched back on, the positive effects returned immediately.

What Does Poor Lighting Mean for Sleep?

DISRUPTED DAY–NIGHT RHYTHM
Without sufficient daylight—or with poor artificial lighting—the internal clock falls out of sync. Melatonin production shifts, and older adults find it harder to fall asleep in the evening. **[1]**

MORE RESTLESSNESS AND DAYTIME SLEEPINESS
If the right light dose is missing during the day, many residents doze off. This weakens homeostatic sleep pressure in the evening, leading to restless nights and renewed daytime sleepiness. **[2]**

PSYCHOLOGICAL BURDEN
Sleep disturbances affect mood: irritability, lack of drive, and depressive symptoms are common. Many seniors feel persistently exhausted—as if in a "twilight state." **[3]**

LESS ACTIVITY — WORSE SLEEP, HIGHER FALL RISK
Without appropriate lighting, residents are often passive and move less during the day. That reduces sleep pressure and further degrades sleep quality. At the same time, muscles and balance get less training, and poor lighting makes orientation harder—the risk of falls increases significantly. **[4]**

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[1] Jung et al. (2010); acute effects of bright light on cortisol levels **[2]** Smolders & de Kort (2014); Smolders, de Kort, & Cluitmans (2012); effects of bright light on alertness, vitality, performance, and physiological arousal **[3]** Karlén, Ludvigsson, Frostell, Theodorsson & Faresjö (2011); hair cortisol as a biomarker for major life stressors **[4]** Runge, Martin (2008); fall rates in nursing homes

THE PERFECT RESIDENT ROOM

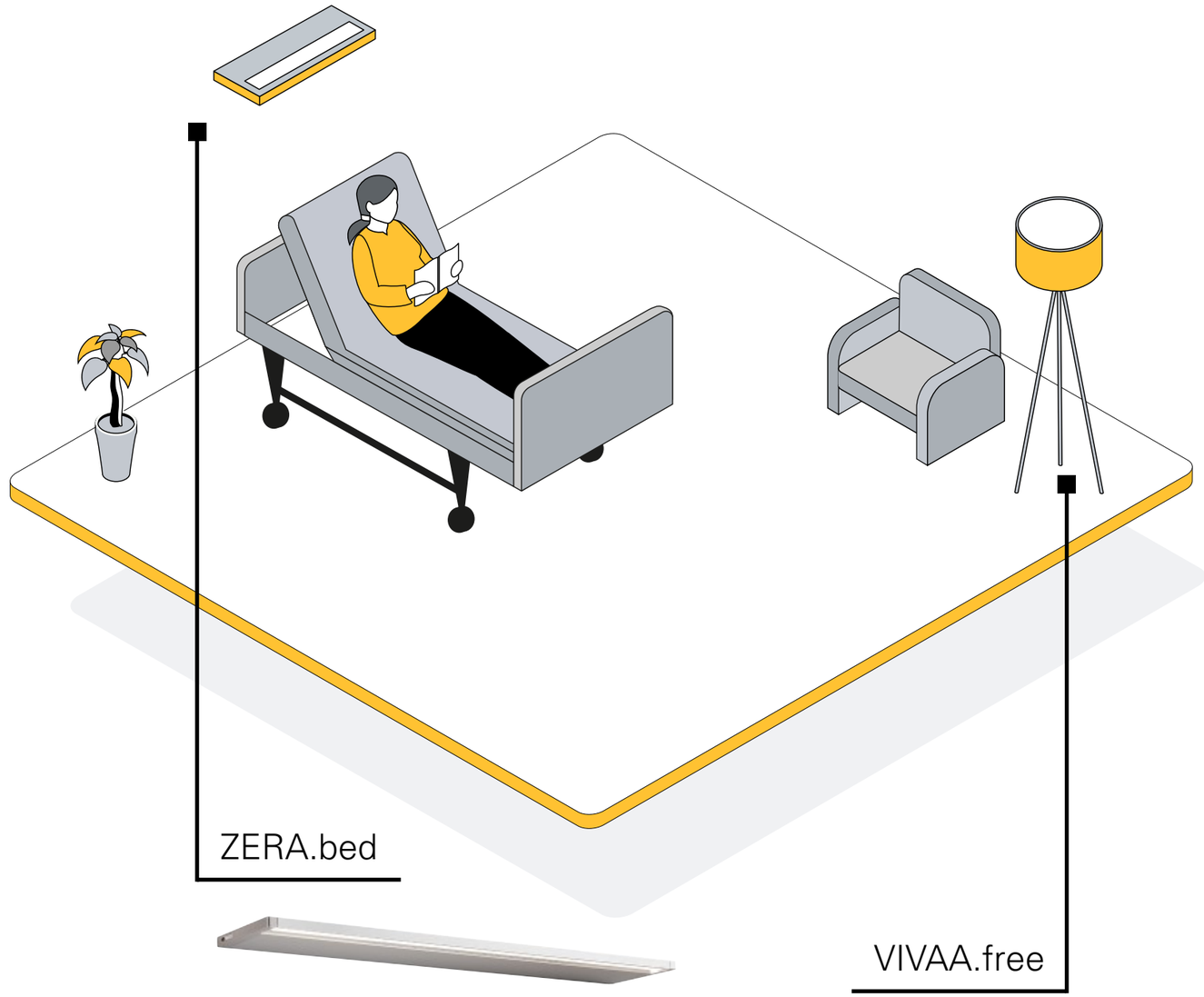


THE PERFECT RESIDENT ROOM

ZERA.bed
VIVAA.free

„Light is far more than brightness. It promotes alertness, encourages movement, and gives the day rhythm. Older adults benefit in particular: less daytime drowsiness, more activity—and thus the best foundation for a good night's sleep. This creates an environment that not only provides safety, but also promotes calm and restorative nights."

André Alesi
Sleep Scientist
Managing Director, Institut für Schlaf und Regeneration GmbH



SLEEP BETTER—VITALITY THROUGH LIGHT
Sleep is one of the most important factors for recovery, health, and performance. In care settings, good sleep affects not only residents' well-being but also staff workload.

Waldmann lighting solutions with daylight simulation help stabilize the circadian rhythm: dynamic light during the day supports activity; in the evening, reduced blue content promotes melatonin production—for restorative sleep.

Especially for older adults, whose eyes absorb less light with age, daylight simulation helps bring the natural biorhythm back into balance. Stress levels drop, psychological well-being rises, and sleep quality improves significantly.

At the same time, low-shadow lighting helps reduce the risk of falls—an important safety factor in everyday care.

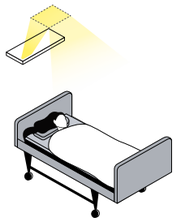


THE PERFECT RESIDENT ROOM

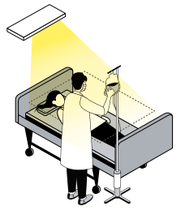
ZERA.bed

Wall-Mounted Luminaire





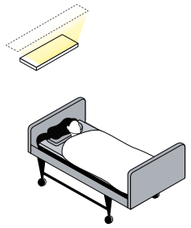
Daylight Simulation



Examination Light



Reading Light



Night Light

MORE WELL-BEING
The integrated daylight simulation supports the natural sleep-wake cycle, promotes healthy sleep, and contributes to improved mood and overall health—helping residents feel noticeably more refreshed.

MORE SAFETY
The low-shadow direct and indirect lighting makes it easier to navigate the room. Combined with daylight simulation, it has been proven to reduce the risk of falls and provides greater safety in everyday life.

BETTER DAILY LIFE
Whether for reading, examinations, general room atmosphere, or nighttime orientation—the versatile, easy-to-adjust lighting scenarios give both residents and caregivers more autonomy and flexibility.

SMARTER ECONOMY
With its high light output, the fixture replaces multiple individual devices. This saves space, energy, and costs—while at the same time creating a clean, modern room design.











THE PERFECT RESIDENT ROOM

VIVAA.free

Free-Standing Luminaire



MORE SAFETY
The low-shadow direct and indirect lighting ensures even illumination throughout the room. Combined with daylight simulation, it has been proven to help prevent falls.

MORE WELL-BEING
Daylight simulation supports a healthy sleep-wake cycle, enhances mood and vitality—for noticeably greater quality of life.

BETTER DAILY LIFE
Dynamic light control promotes daytime activity, strengthens residents' autonomy, and helps create a structured, pleasant daily routine.

ENCOURAGES SOCIAL INTERACTION
The luminaire creates an atmosphere that fosters communication and community. At the same time, its interchangeable shades, wood finishes, and metal bases allow it to adapt flexibly to any room and interior style.





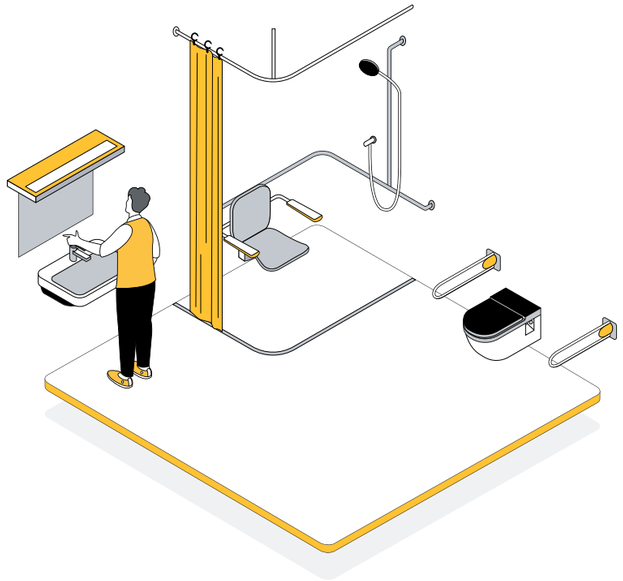


THE BRIGHT BATHROOM

ZERA.bath

Wall-Mounted Luminaire





„Good bathroom lighting first and foremost means uniform, glare-free illumination of the entire facial area. That's the prerequisite for men (e.g., shaving) and women (e.g., applying makeup) to remain as autonomous as possible at any age."

Michael Doser
Business Developer HEALTHCARE at Waldmann

MORE SAFETY IN THE BATHROOM
The low-shadow direct and indirect lighting provides even illumination and reduces the risk of falls—a crucial advantage, especially in damp or dark spaces.

BETTER DAILY LIFE
The high, uniform, and glare-free light output improves visibility, creates a relaxed atmosphere, and supports greater autonomy and comfort in everyday use.

SMARTER ECONOMY
With its powerful light output, ZERA.bath replaces several individual fixtures. This saves space, energy, and costs—while ensuring long-lasting quality.

20 YEARS warranty

made in GERMANY

SERVICE





THE PERFECT RESIDENT ROOM

PRODUCT OVERVIEW

	TRADE NAME	PRODUCT DESCRIPTION	ORDER NUMBER
	ZERA.bed	ZEW 11000/830/D/ ALU/1049,5MM	813012
	VIVAA.free	VFS 7000/VTL/D/ANT/ ESCHE DK/CEE	812675
	VIVAA.free	VFS 7000/VTL/D/ANT/ ANTGR/CEE	812677
	OBLO.fit	OBA 4000/830/ WS/460MM	813352

THE BRIGHT BATHROOM

PRODUCT OVERVIEW

	TRADE NAME	PRODUCT DESCRIPTION	ORDER NUMBER
	ZERA.bath	ZEW 3000/830/ ALU/600MM	812053

THE OPTIMAL CORRIDOR

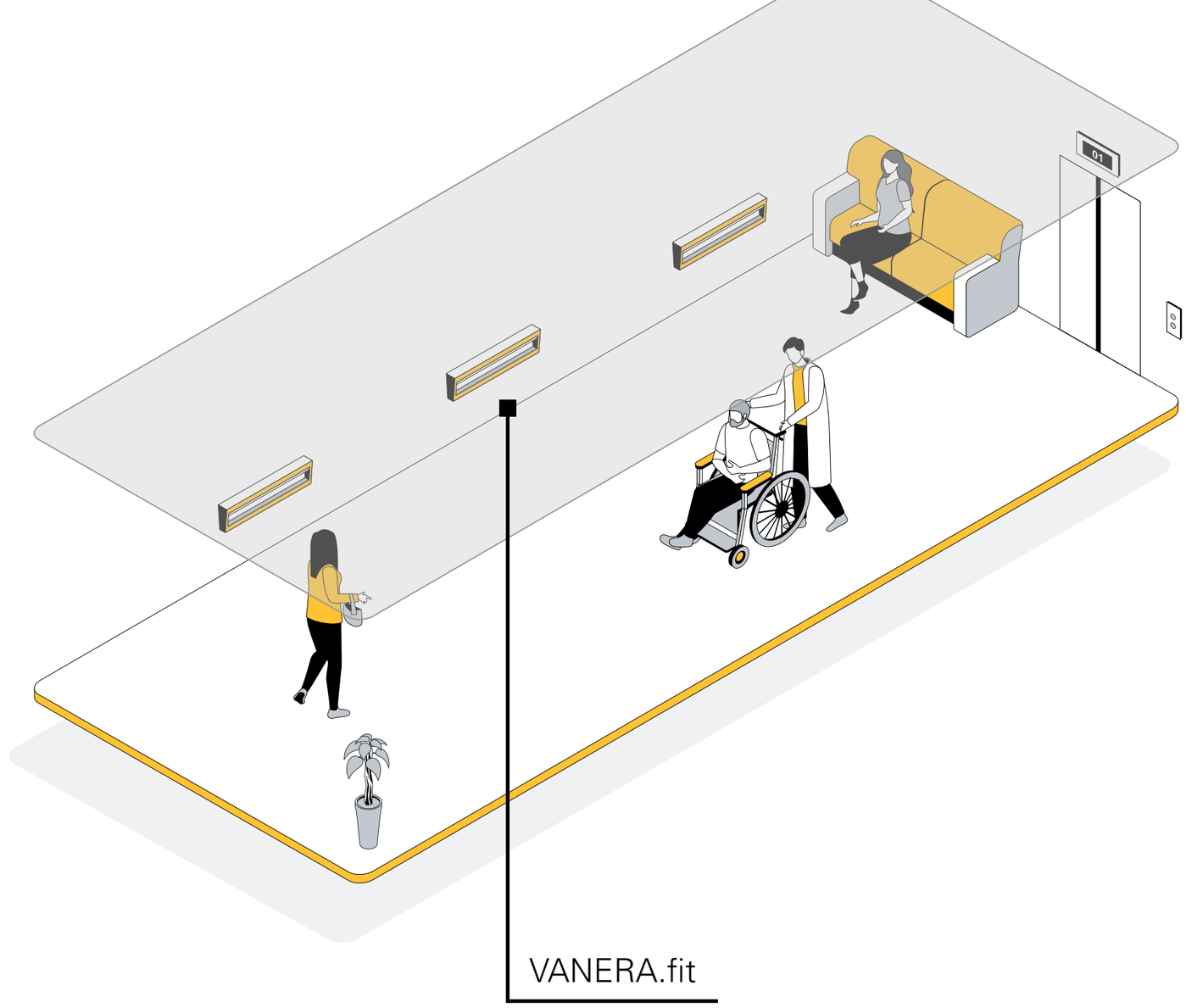


THE OPTIMAL CORRIDOR

VANERA.fit
ZERA.wall

„It is particularly gratifying that we have demonstrably recorded a very low fall rate among our clients (approx. 1.5 %). In normal households and in care facilities, this rate is more than 50 %. The difference is significant.“

Gerd Bekel
Managing Director and Scientific Director,
ProPersonaCare, Neubrandenburg



FALL PREVENTION—SAFETY THROUGH LIGHT
Thoughtfully designed corridor lighting is crucial for orientation, safety, and well-being. Glare-free, evenly distributed light eliminates disturbing shadows and measurably reduces the risk of falls.

A good example is pro-persona.care GmbH: their lighting concept was implemented using Waldmann solutions—with impressive results. Despite a high proportion of residents at elevated fall risk, the fall rate is only 1.5 %. In nursing homes or private households with seniors, the rate is typically over 50 %.

This proves: Waldmann lighting makes an effective contribution to fall prevention and significantly improves residents' quality of life and the economic efficiency of nursing homes.



ZERA.wall



THE OPTIMAL CORRIDOR

VANERA.fit

Surface-Mounted Luminaire



MORE SAFETY
The low-shadow direct and indirect lighting provides even illumination and, together with daylight simulation, helps prevent falls—for greater safety in everyday life.

MORE WELL-BEING
Daylight simulation supports a healthy sleep-wake cycle, promotes restful sleep, and enhances overall well-being.

BETTER DAILY LIFE
Flexible lighting design gives residents more autonomy and supports caregivers by adapting more effectively to different daily situations.

SMARTER ECONOMY AT ANY CEILING HEIGHT
Thanks to its high light output, only a small number of fixtures are often needed per corridor. VANERA.fit is efficient, durable, and—with its low profile—perfectly suited even for rooms with low ceilings.

20 YEARS warranty

made in GERMANY

SERVICE

THE OPTIMAL CORRIDOR

ZERA.wall

Wall-Mounted Luminaire



The perfect solution for stairwells and for modernizing existing wall lights.

MORE SAFETY
The combination of direct and indirect lighting creates evenly bright spaces without disturbing shadows. Together with daylight simulation, this reduces the risk of falls and makes orientation easier.

MORE WELL-BEING
Daylight simulation stabilizes the natural sleep-wake cycle, promotes healthy sleep, and enhances vitality and quality of life.

BETTER DAILY LIFE
Flexible lighting design supports residents' autonomy, makes it easier to adapt to individual needs, and contributes to an active, self-determined daily routine.

SMARTER ECONOMY
Thanks to its high light output, fewer fixtures are often needed per corridor. ZERA.wall is efficient, durable, and provides a sustainable solution for effective room lighting.

20 YEARS warranty

made in GERMANY

SERVICE



THE OPTIMAL CORRIDOR

PRODUCT OVERVIEW

	TRADE NAME	PRODUCT DESCRIPTION	ORDER NUMBER
	VANERA.fit	VAA 6000/927-965/D/ VKWS DT6 with mounting rail	816970
	ZERA.wall	ZEW 7000/VTL/ ALU/1049,5MM	812458



THE IDEAL SOCIAL ROOM

VIVAA.pendant
VIVAA.free
VIVAA.fit
VIVAA.social

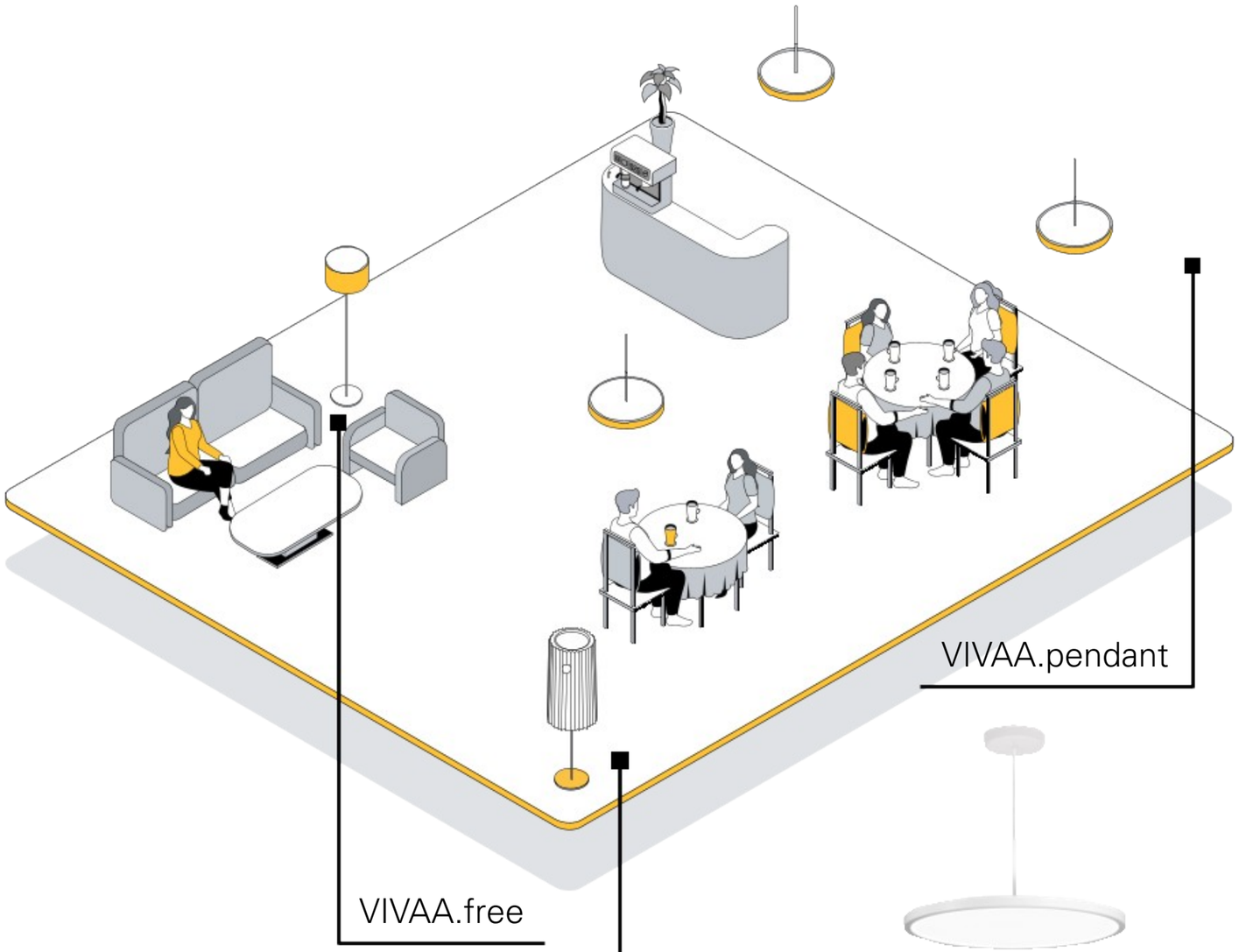
„Well-designed and targeted lighting is far more than just brightness in a room for people with dementia. Especially biodynamic light, oriented toward natural daylight, can demonstrably help to positively influence the disrupted day–night rhythm in people with dementia. In addition, good lighting supports orientation in the room, can provide daily structure, minimize fall risk, and promote general well-being."

Antje Holst
Kompetenzzentrum Demenz in Schleswig-Holstein
Alzheimer Gesellschaft Schleswig-Holstein e.V. / Selbsthilfe Demenz

EXPERIENCING COMMUNITY—LIGHT AS A BRIDGE
In the social areas of nursing homes, social interaction is essential for joy and participation. Waldmann lighting solutions create pleasant, uniform illumination that makes faces easier to recognize and communication more natural. Light thus becomes a bridge—fostering closeness, community, and active togetherness.

BETTER SLEEP—HEALTH THROUGH DAYLIGHT SIMULATION
Coordinated lighting with daylight simulation supports the natural biorhythm: during the day, bright dynamic light promotes activity; in the evening, reduced blue content encourages melatonin production—for restful sleep and vitality. Older adults benefit in particular, as their eyes absorb less light with age.

MOVING SAFELY—REDUCING FALL RISKS
Low-shadow, glare-free light ensures good orientation and reduces tripping hazards. Everyday fall risk decreases significantly—an essential contribution to safety, independence, and quality of life in old age.





THE IDEAL SOCIAL ROOM

VIVAA.pendant

Suspended Luminaire



MORE WELL-BEING
The integrated daylight simulation supports a healthy sleep-wake cycle, improves mood and sleep quality, and enhances overall well-being.

MORE SAFETY
The low-shadow direct and indirect lighting provides even brightness throughout the room. Combined with daylight simulation, it significantly reduces the risk of trips and falls.

BETTER DAILY LIFE
Flexible lighting design gives residents greater autonomy while also supporting social interaction in daily life—for more activity and quality of life.

ENCOURAGES SOCIAL INTERACTION
The luminaire creates an atmosphere that fosters community and communication. Different design options further enhance its impact on both the space and the people in it.

SMARTER ECONOMY
Thanks to its high light output, fewer fixtures are often needed per room. VIVAA.pendant is durable, energy-efficient, and delivers sustainable cost-effectiveness.

20 YEARS warranty

made in GERMANY

SERVICE





THE IDEAL SOCIAL ROOM

VIVAA.fit

Surface-Mounted Luminaire /
Wall-Mounted Luminaire



MORE WELL-BEING
The integrated daylight simulation supports a healthy sleep-wake cycle, improves sleep and mood, and sustainably enhances quality of life.

MORE SAFETY
The low-shadow direct and indirect lighting provides even brightness throughout the room. Together with daylight simulation, it significantly reduces the risk of falls.

BETTER DAILY LIFE
Flexible lighting design gives residents greater autonomy, encourages activity, and supports a lively sense of community in everyday life.

ENCOURAGES SOCIAL INTERACTION
The luminaire creates a pleasant atmosphere that promotes communication and togetherness—and convinces with its impact on both the space and the people in it, even with low ceilings or when wall-mounted.

SMARTER ECONOMY
Thanks to its high light output, fewer fixtures are often needed per room. VIVAA.fit is efficient, durable, and ensures effective lighting with minimal maintenance.







THE IDEAL SOCIAL ROOM

VIVAA.free

Free-Standing Luminaire



MORE WELL-BEING
The integrated daylight simulation supports a healthy sleep-wake cycle, improves sleep and mood, and promotes vitality and overall health.

MORE SAFETY
The low-shadow direct and indirect lighting ensures even illumination and, together with daylight simulation, helps prevent falls.

BETTER DAILY LIFE
Flexible lighting design gives residents more autonomy, encourages social interaction, and creates a reliable structure for the daily routine.

ENCOURAGES SOCIAL INTERACTION
The luminaire creates an atmosphere that fosters communication and community. Thanks to its adaptable effect, it adjusts both to the room and to people's needs.

SMARTER ECONOMY
With its high light output, fewer fixtures are often needed. VIVAA.free is efficient, durable, and provides effective lighting with a clean room design.

20 YEARS warranty

made in GERMANY

SERVICE





THE IDEAL SOCIAL ROOM

VIVAA.social

Free-Standing Luminaire



Waldmann × IPPOLITO FLEITZ GROUP IDENTITY ARCHITECTS

MORE WELL-BEING
The integrated daylight simulation stabilizes the natural sleep-wake cycle, improves sleep and mood, and sustainably enhances vitality and quality of life.

MORE SAFETY
The low-shadow direct and indirect lighting provides even brightness and, together with daylight simulation, helps significantly reduce the risk of falls.

BETTER DAILY LIFE
Flexible lighting design supports residents' autonomy, makes it easier to maintain a structured daily routine, and at the same time fosters social interaction in everyday life.

ENCOURAGES SOCIAL INTERACTION
VIVAA.social creates an atmosphere that strengthens communication and community. Its effect unfolds both within the space and directly for people, adapting flexibly to different usage situations.

SMARTER ECONOMY
With its high light output, fewer fixtures are often sufficient. VIVAA.social is efficient, durable, and ensures effective lighting with a modern design.

20 YEARS warranty

made in GERMANY

SERVICE

THE IDEAL SOCIAL ROOM



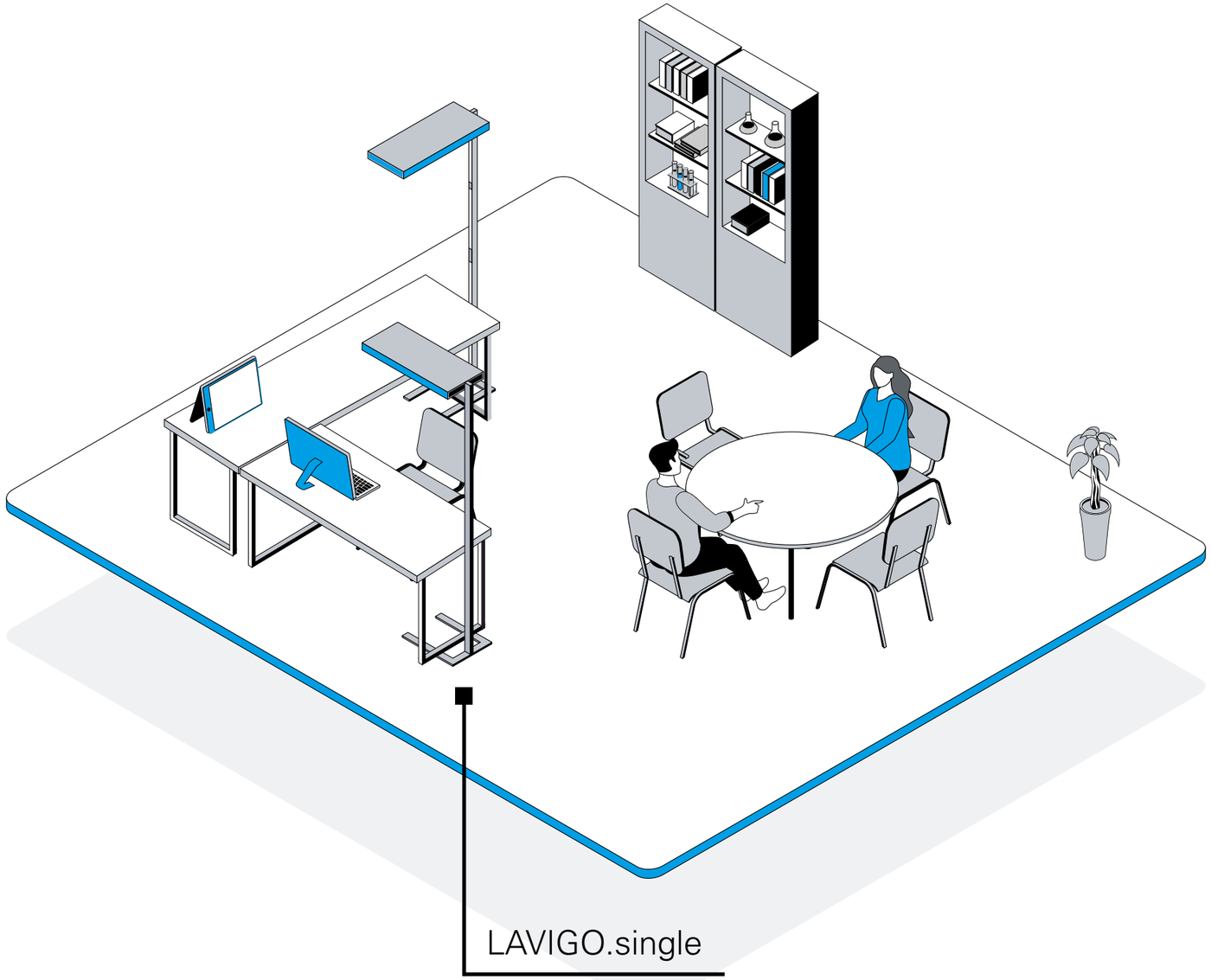
THE IDEAL SOCIAL ROOM

PRODUCT OVERVIEW

	TRADE NAME	PRODUCT DESCRIPTION	ORDER NUMBER
	VIVAA.social	VSS 7000/VTL/D/ BL/1596MM/RWS/CEE	816386
	VIVAA.social	VSS 7000/VTL/D/ WS/985MM/RWS/CEE	816399
	VIVAA.free	VFS 7000/VTL/D/ANT/ ESCHE DK/CEE	812675
	VIVAA.free	VFS 7000/VTL/D/ANT/ ANTGR/CEE	812677
	VIVAA.pendant	VIP 10000/VTL/D/WS/ VBLG/WS CASAMBI module (optional)	812838 813238
	VIVAA.pendant	VIP 7000/VTL/D/WS/ VBLG/WS CASAMBI module (optional)	812836 813238
	VIVAA.fit	VIA 10000/VTL/D/ WS/600MM	813148
	VIVAA.fit	VIA 7000/VTL/D/ WS/450MM	813055

THE
LIGHT-OPTIMIZED OFFICE

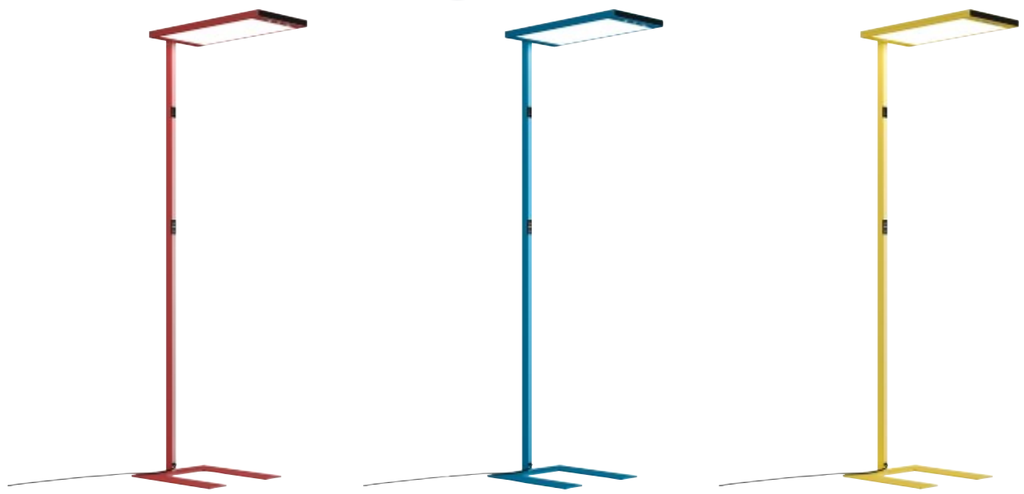
LAVIGO.single



LIGHT FOR OFFICES AND ADMINISTRATION IN HEALTHCARE
Work environments in healthcare are also changing: administration, organization, and communication are becoming increasingly digital, flexible, and networked. Offices are evolving into places of collaboration and exchange—supplemented by zones for focus and quiet.

Comprehensive lighting design plays a key role in meeting these demands. User-centered LED lighting ensures optimal visual conditions, increases satisfaction, and contributes to employee health. Light enhances concentration, reduces fatigue, and creates an atmosphere in which people enjoy working.

With Waldmann solutions, sustainable, energy-efficient, and digital lighting concepts emerge—tailored to the individual needs of staff. The result: productive, future-ready working environments in healthcare.



THE LIGHT-OPTIMIZED OFFICE

LAVIGO.single

Free-Standing Luminaire



MORE WELL-BEING
The integrated daylight simulation stabilizes the natural sleep-wake cycle, improves sleep and mood, and reduces sick days—for healthier employees and stronger teams.

WORK MORE EFFECTIVELY, AVOID MISTAKES
The right lighting enhances concentration and alertness, supports precise work, and actively helps prevent errors.

BOOSTED PROBLEM-SOLVING ABILITY
Dynamic lighting stimulates creativity, making it easier to develop innovative ideas and solve complex tasks.

INDIVIDUAL LIGHTING FOR EVERY GENERATION
LAVIGO.single adapts specifically to the needs of different age groups—for comfortable, healthy vision in the workplace.

SMARTER ECONOMY
Thanks to its high light output, fewer fixtures are needed per room. In addition, LAVIGO.single is efficient, durable, and represents a sustainable investment in modern work environments.

20 YEARS warranty

made in GERMANY

SERVICE

WORLD 1st

full scope CERTIFIED cradle to cradle bronze version 3.1





THE LIGHT-OPTIMIZED OFFICE

PRODUCT OVERVIEW

	TRADE NAME	PRODUCT DESCRIPTION	ORDER NUMBER
	LAVIGO.single TALK	DPS 15000/VTL/R/WS/ CEE/S0/C/G3	817456



LIGHT FOR BETTER RESULTS

Since 1928, **Waldmann** has continuously advanced work environments in industry, office, and healthcare.

As a family-owned company, we design lighting solutions with one clear focus: **people**.

That is how **“Light for Better Results”** is created.

Our luminaires are part of modern connectivity concepts that digitally optimize workplaces—energy-efficient, intelligently networked, and future-proof.

Thanks to deep in-house production **made in Germany**, durable components, and precise craftsmanship, our products actively contribute to conserving resources.

The **20-year warranty** underlines our commitment to quality.

THE PERFECT RESIDENT ROOM

	TRADE NAME	PRODUCT DESCRIPTION	ORDER NUMBER
	ZERA.bed	ZEW 11000/830/D/ ALU/1049,5MM	813012
	VIVAA.free	VFS 7000/VTL/D/ANT/ ESCHE DK/CEE	812675
	VIVAA.free	VFS 7000/VTL/D/ANT/ ANTGR/CEE	812677
	OBLO.fit	OBA 4000/830/ WS/460MM	813352

THE BRIGHT BATHROOM

	TRADE NAME	PRODUCT DESCRIPTION	ORDER NUMBER
	ZERA.bath	ZEW 3000/830/ ALU/600MM	812053

THE OPTIMAL CORRIDOR

	TRADE NAME	PRODUCT DESCRIPTION	ORDER NUMBER
	VANERA.fit	VAA 6000/927-965/D/ VKWS DT6 with mounting rail	816970
	ZERA.wall	ZEW 7000/VTL/ ALU/1049,5MM	812458

THE LIGHT-OPTIMIZED OFFICE

	TRADE NAME	PRODUCT DESCRIPTION	ORDER NUMBER
	LAVIGO.single TALK	DPS 15000/VTL/R/WS/ CEE/S0/C/G3	817456

PRODUCT OVERVIEW

THE IDEAL SOCIAL ROOM

	TRADE NAME	PRODUCT DESCRIPTION	ORDER NUMBER
	VIVAA.social	VSS 7000/VTL/D/ BL/1596MM/RWS/CEE	816386
	VIVAA.social	VSS 7000/VTL/D/ WS/985MM/RWS/CEE	816399
	VIVAA.free	VFS 7000/VTL/D/ANT/ ESCHE DK/CEE	812675
	VIVAA.free	VFS 7000/VTL/D/ANT/ ANTGR/CEE	812677
	VIVAA.pendant	VIP 10000/VTL/D/WS/ VBLG/WS CASAMBI module (optional)	812838 813238
	VIVAA.pendant	VIP 7000/VTL/D/WS/ VBLG/WS CASAMBI module (optional)	812836 813238
	VIVAA.fit	VIA 10000/VTL/D/ WS/600MM	813148
	VIVAA.fit	VIA 7000/VTL/D/ WS/450MM	813055

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