Waldmann

LIGHT FOR BETTER RESULTS



# LAVIGO

20 YEARS warranty

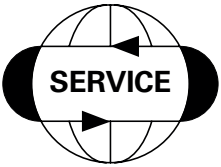
EN

# WE PERFORM FOR BETTER LIGHT









# LAVIGO FAMILY




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# DAYLIGHT SIMULATION – LIGHT ALIGNED WITH HUMAN BIOLOGY

More than **25 years** ago, Waldmann pioneered **daylight simulation**, supporting the human **circadian rhythm**.

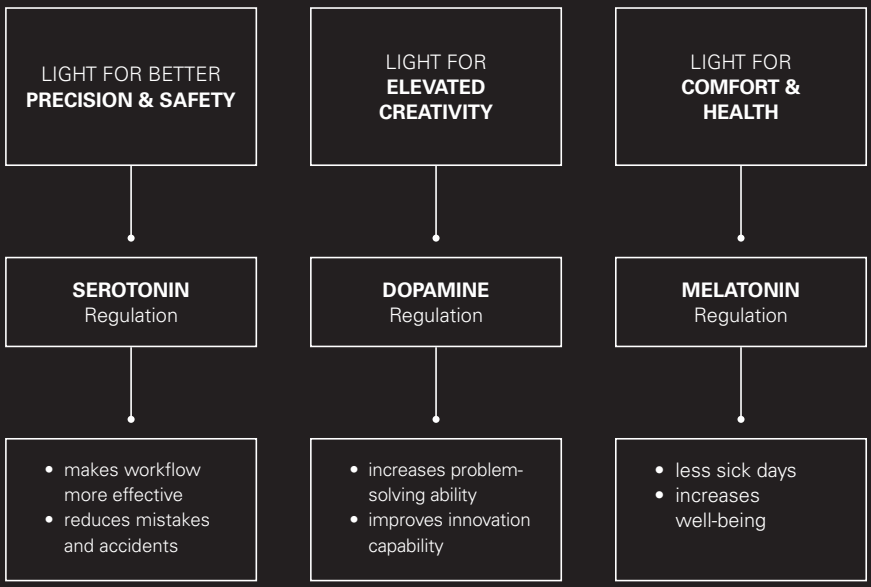
What was visionary back then is now scientifically proven: Numerous studies show that dynamic, daylight-oriented lighting **enhances well-being, focus and performance**.


AI GENERATED
naked


AI GENERATED

# THE SCIENCE OF LIGHT

Science has shown that the right kind of light supports your body's natural rhythm. It also boosts key messengers like melatonin, serotonin, dopamine, and cortisol **— enhancing performance, sleep, mood, and overall wellbeing**.




Ezra Stoller
AI GENERATED

# THE LIGHT OF FOCUS

Serotonin-regulating light that
enhances precision and safety
**— making workflows more effective and reducing mistakes and accidents.**[1]

[1] Blue enriched white light in the workplace improves self-reported alertness, performance and sleep quality (2008), Antoine U Viola, Lynette M James, Luc J M Schlangen, Derk-Jan Dijk.


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# THE LIGHT OF CREATIVITY

Dopamine-regulating light that
fosters elevated creativity
**— increasing problem-solving ability and enhancing innovation potential.**[2]

[2] Preferred Illuminance and Color Temperature in Creative Works (2011), Y. Taniguchi, M. Miki, T. Hiroyasu und M.Yoshimi.


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# THE LIGHT OF WELLBEING

Melatonin-regulating light that supports comfort and health **— reducing sick days and enhancing overall wellbeing.**[3]

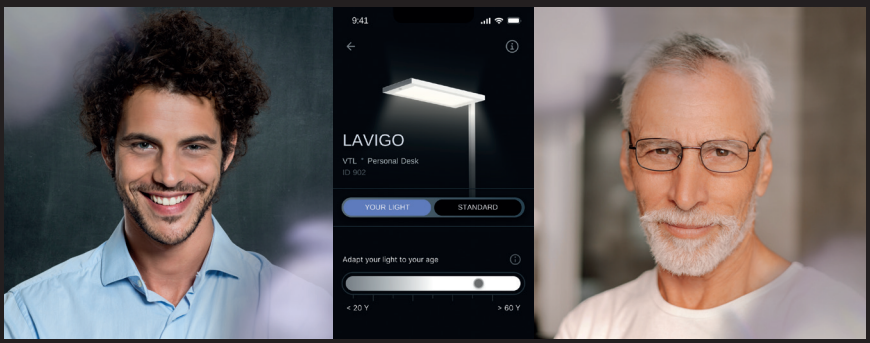
[3] Bio Clock-Aware Office Lighting Control (2020), C. Papatsimpa, Jochem H. Bonarius, J.P.M.G. Linnartz.



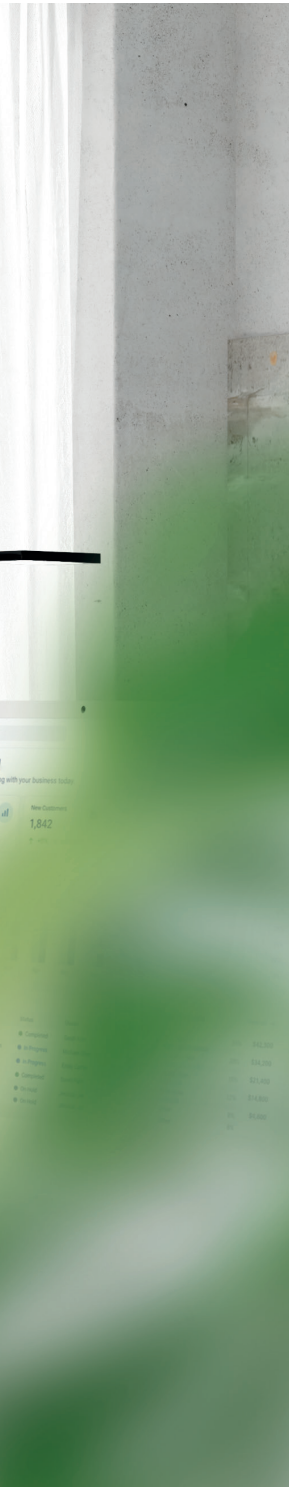

WORLD 1st

## 2024: THE WORLD'S FIRST LUMINAIRE THAT ADJUSTS ITS LIGHT TO THE NEEDS OF DIFFERENT AGES




9:41
LAVIGO
VTL + Personal Desk
ID 902
YOUR LIGHT
STANDARD
Adapt your light to your age
< 20 Y
> 60 Y


Nexora
Dashboard
Here's what's happening
Total Revenue
$124,560
Revenue Overview
AI GENERATED



BEST WORKSPACE

# LTX – INTELLIGENT LIGHT

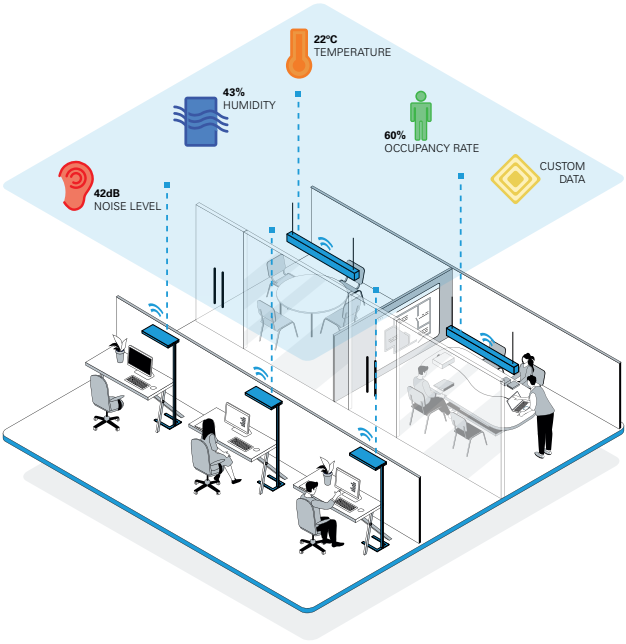
Waldmann pioneered **LTX**, combining **light and information** into an intelligent lighting system.

LTX enables luminaires to **communicate with each other and with the building**, creating a smart, responsive lighting environment

# SUPPORTING EMPLOYEE SATISFACTION

LTX supports office management by providing valuable insights into **how spaces are used and experienced**.

By making these patterns visible, LTX helps define **what an ideal office looks like** and how workplace design can actively support employee satisfaction and performance.




21,6°C
75%
AI GENERATED

# FINDING YOUR PERFECT WORKSPACE

By making the office more flexible and transparent, LTX helps create workplaces that **feel as free and self-determined as home office**, while bringing people together where **creativity, collaboration, and performance** truly happen.



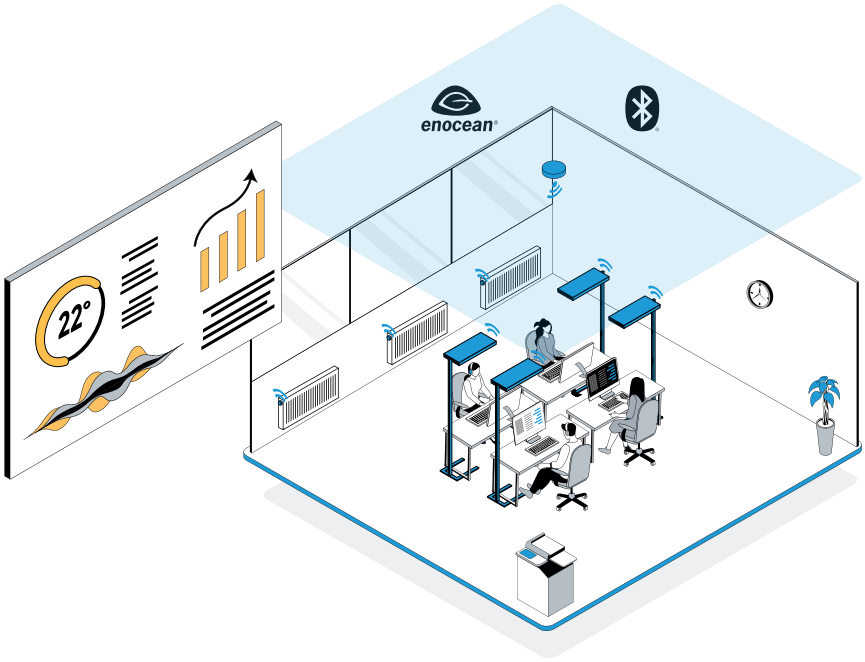

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ENERGY-EFFICIENT BUILDING

# MOST EFFICIENT ASSET MANAGEMENT

LTX provides transparency on **energy consumption, utilisation and building performance**, helping to **optimise the building's energy efficiency**.

This clear insight into operational data is the main reason facility managers rely on LTX — to **reduce costs, extend asset lifecycles and run buildings more efficiently**.




Dashboard
Building C01 – 2nd Floor
AI GENERATED




## 2017: THE WORLD'S FIRST OFFICE LUMINAIRE TO BE CRADLE TO CRADLE CERTIFIED

## TODAY, THE ENTIRE PRODUCT FAMILY IS CERTIFIED



full scope

CERTIFIED

cradle to cradle

bronze version 3.1

C2CCERTIFIED.ORG

# TECHNICAL INFORMATION



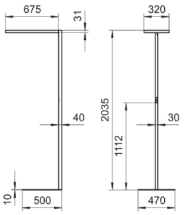


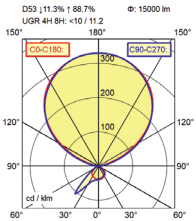




# LAVIGO.single G3






| | |
|---|---|
| Light source | LED |
| Work equipment | Electronic ballast |
| Connected load | 220 – 240 V; AC; 50 Hz; 60 Hz |
| Colour rendering index | CRI ≥ 90; R9 ≥ 50 |
| Light distribution | Direct/indirect |
| Direct component | approx. 11% |
| Chromaticity tolerance LED | < 3 SDCM |
| Glare control | Prism aperture |
| Luminance (L65) | ≤ 3,000 cd/m² |
| UGR class (4H 8H; EN 12464-1) | ≤ 16 |
| System of protection/Class | IP 20; SK I |
| Technology | Multiple daylight-dependent motion sensors |
| Operation | Multi-function switch |
| Housing | Steel/plastic; Powder coatet; White |
| Light source cover | Acrylic (PMMA); Structured |
| Arm | Steel tube; Powder-coated; Tubular section upright; White |
| Luminaire base | C-shaped; White |
| Mains lead | approx. 3 m; Mains plug; CEE 7/VII |
| Fastening | Floor standing base |
| Decorative contrast side parts | Jet black |
| Life expectancy LED | L80B50 100,000h |
| Energy efficiency class | B |
| Weight without packaging | approx. 18.3 kg |
| Special features | Swarm control; Asymmetric radiation; Separated, direct and indirect light individually adjustable; Flicker-free; Cradle to Cradle Certified TM; Direct light component with edge light and light-guide technology for homogenous light exit; App control; Optional LTX Cloud connection; LTX multisensor for workplace optimisation; TALK Bluetooth; TALK EnOcean |



Technical specifications are subject to change without notice.
Errors excepted. Images may differ from the original.
Photometric and electrical values may vary due to component tolerances.

# PRODUCT VARIANTS

## BESTSELLER VARIANTS

Further variants can be found on our website.

**LAVIGO.single G3 LTX***

| Colour temperature | Power consumption | Luminous flux | Technology | Model | Colour | Order No. |
|---|---|---|---|---|---|---|
| warm white 3,000 K | 102 W | 15,000 lm | LTX Sensor, TALK Bluetooth, TALK EnOcean | DPS 15000/930/RX/WS/CEE/SE/C/G3 | white | 00816487 |
| | | | | DPS 15000/930/RX/SW/CEE/SE/C/G3 | black | 00816488 |
| cold white 4,000 K | 90 W | 15,000 lm | LTX Sensor, TALK Bluetooth, TALK EnOcean | DPS 15000/940/RX/WS/CEE/SE/C/G3 | white | 00816467 |
| | | | | DPS 15000/940/RX/SW/CEE/SE/C/G3 | black | 00816468 |
| VTL 3,000 – 6,500 K | 90 W | 15,000 lm | LTX Sensor, TALK Bluetooth, TALK EnOcean | DPS 15000/VTL/RX/WS/CEE/SE/C/G3 | white | 00817466 |
| | | | | DPS 15000/VTL/RX/SW/CEE/SE/C/G3 | black | 00817457 |

* App control, swarm control, switch integration, optional LTX Cloud connectivity

**LAVIGO.single G3 TALK***

| Colour temperature | Power consumption | Luminous flux | Technology | Model | Colour | Order No. |
|---|---|---|---|---|---|---|
| warm white 3,000 K | 102 W | 15,000 lm | PIR Sensor, TALK Bluetooth | DPS 15000/930/R/WS/CEE/S0/C/G3 | white | 00816480 |
| | | | | DPS 15000/930/R/SW/CEE/S0/C/G3 | black | 00816481 |
| cold white 4,000 K | 90 W | 15,000 lm | PIR Sensor, TALK Bluetooth | DPS 15000/940/R/WS/CEE/S0/C/G3 | white | 00816451 |
| | | | | DPS 15000/940/R/SW/CEE/S0/C/G3 | black | 00816452 |
| VTL 3,000 – 6,500 K | 90 W | 15,000 lm | PIR Sensor, TALK Bluetooth | DPS 15000/VTL/R/WS/CEE/S0/C/G3 | white | 00817456 |
| | | | | DPS 15000/VTL/R/SW/CEE/S0/C/G3 | black | 00817457 |

* App control, swarm control, switch integration

PIR Sensor

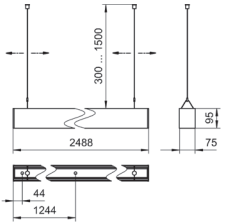


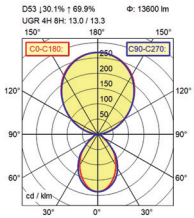
LTX Sensor



# LAVIGO.meet






| | |
|---|---|
| Connected load | 220 – 240 V; AC; DC; 50 Hz; 60 Hz |
| Work equipment | Adjustable electronic ballast; Digital DALI |
| Standby | ≤ 0,71 W |
| Luminous efficiency | approx. 132 lm/W |
| Light type/colour | Dynamic white; Warm white; Daylight |
| Colour temperature | approx. 4,000 K; 2,700 – 6,500 K |
| Colour rendering index | CRI ≥ 90; R9 ≥ 50 |
| Light distribution | Direkt/indirekt; approx. 30% |
| Glare control | Optical film; Prism aperture |
| Light source | LED |
| Life expectancy LED | L90B50 50,000h |
| Chromaticity tolerance LED | < 3 SDCM |
| Energy efficiency class | C; C |
| At-risk group | RG0/1 |
| Luminance (L65) | ≤ 3,000 cd/m² |
| UGR class (4H 8H; EN 12464-1) | ≤ 16 |
| System of protection/Class | IP 20; I |
| Technology | Multiple daylight-dependent motion sensors; Continuously dimmable; Radio-controlled; 03; DALI |
| Operation | External |
| Housing | Aluminium; Powder coatet; Traffic white |
| Light source cover | Acrylic (PMMA); Satine |
| Dimming Range | 1-100% |
| Mains lead | approx. 2 m; With free stranded wires; 5 pin |
| Fastening | Length of pendant 0.3 – 1.5 m |
| Ambient temperature min./max | -10 °C / 30 °C |
| DALI control | Off |
| Weight without/incl. packaging | 9 kg / approx. 10.5 kg |
| Special features | Swarm control; New Office System lighting modes; Flexible positioning of the suspension wire rope; Multiple connection points for the mains connection cable; Separated, direct and indirect light individually adjustable; Flicker-free; App control; Constant luminous flux between 2,700 and 6,500 K; Optional LTX Cloud connection; LTX multisensor for workplace optimisation; TALK Bluetooth; Specified values at approx. 4,000 K |



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# PRODUCT VARIANTS

### BESTSELLER VARIANTS

Further variants can be found on our website.

**LAVIGO.meet**

| Colour temperature | Power consumption | Luminous flux | Technology | Model | Colour | Order No. |
|---|---|---|---|---|---|---|
| VTL 2,700 – 6,500 K | 103 W | 13,600 lm | LTX Sensor, TALK Bluetooth | DMP 13000/927-965/RX/WS//00 | white | 00817602 |
| | | | | DMP 13000/927-965/RX/SR//00 | silver | 00817603 |
| | | | | DMP 13000/927-965/RX/SW//00 | black | 00817604 |
| VTL 2,700 – 6,500 K | 103 W | 13,600 lm | LTX Sensor, TALK Bluetooth, TALK EnOcean | DMP 13000/927-965/RX/WS//0E | white | 00817605 |
| | | | | DMP 13000/927-965/RX/SR//0E | silver | 00817606 |
| | | | | DMP 13000/927-965/RX/SW//0E | black | 00817608 |

# LOOKING TO ADD SOME COLOUR TO YOUR PROJECT?

Currently available:



*LAVIGO.single G3 only

Upon request, we can provide additional RAL Classic colours.
Minimum order quantity required. Additional costs may apply.

# LIGHT FOR BETTER RESULTS

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