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TAUREO | CONTINUOUS-ROW SYSTEM

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LED





NEW ILLUMINATION PATHS.

Waldmann is recognized as a premium brand for high-quality lighting solutions in the workplace. To complement the concept of intelligent lighting solutions in the industry, Waldmann took on the idea of hall lighting with the new TAUREO LED continuous-row system.

On one hand, as a modular system, TAUREO can offer the right light for different demands, such as those often found in production halls, logistics buildings and warehouses, or cold-storage rooms. On the other hand, it can easily adjust to changes in the general conditions.

- 104 premium LEDs per light module
- Powerful 4000 lm luminous flux, even at an ambient temperature of 40 °C
- 50 percent energy savings in comparison to conventional luminaires

- Maintenance free: LED service life of up to 60 000 hours (L80/B10) and more
- Continuously dimmable and optional daylight and presence sensor system
- Maximum flexibility due to modular construction
- Optimum thermal management with intelligent overheating protection
- Patented lenses for precise light control and different radiation characteristics
- Ballast service life of up to 200 000 hours
- Time- and cost-saving commissioning due to warp-resistant and intelligent mounting profile
- Premium workmanship in accordance with Waldmann's quality standards
- 1 + 4-year system guarantee
- 20-year spare part warranty



TAUREO

FLEXIBLE LIGHTING WITH SYSTEMATIC CHARACTERISTICS.



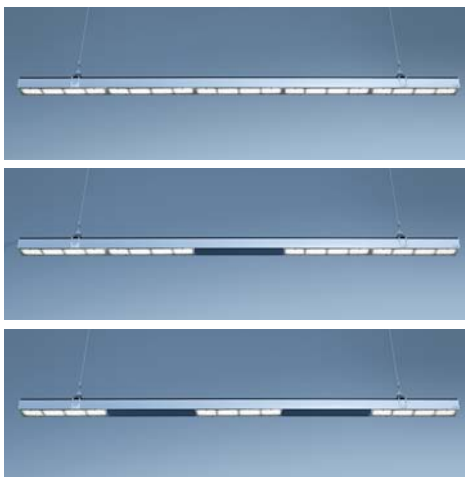
Plug & Light

Thanks to its modular construction, TAUREO delights users, planners and installers alike.

The continuous-row system is suitable for a wide variety of applications. Not only that, but the pre-installed mounting profile significantly reduces installation times by about 50 percent. This means that ballasts and light modules can be integrated in advance or into the profile already installed in the ceiling. Installation and subsequent maintenance can therefore be performed according to the plug-and-play principle without the need for any tools.

Accessories such as daylight and presence sensors or emergency lighting can be integrated just as easily in the system.

And because the mounting profile offers plenty of room, it can be used if necessary as a cable duct by non-system components.



Individual & adaptable

Every continuous-row system has to fulfill different requirements. It is primarily changing workplace configurations and conditions of use however that present major challenges with respect to the adaptability of the lighting system.

Conventional systems find it difficult to adjust to changes in the general conditions. TAUREO on the other hand proves itself to be extremely flexible in this regard. It can adjust time and again to new lighting requirements with no great effort. This is because its intelligent mounting profile with electrical attachment points every 600 mm allows it to be custom-fitted to suit individual needs.

Moreover, light modules with different lenses, light colours and lumen packages can be selected. TAUREO can also adjust to daylight and presence sensors and can be controlled according to zone.



Powerful & durable

The TAUREO continuous-row system is characterized by durable materials and components, premium workmanship as well as excellent lighting quality and low energy consumption.

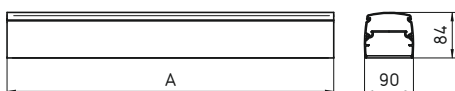
Light modules and ballasts are convincing with modest power consumption of just 28 watt. The nevertheless powerful light offers optimum illumination even at hall heights of more than 10 meters. The efficient and durable LEDs and closed lenses keep maintenance to a minimum even in areas prone to dirt and dust.

TAUREO is equipped with unique thermal management with overheating protection so that the long service life of the LEDs and ballasts can be maintained even in high ambient temperatures of more than 50 °C.

TECHNICAL DATA



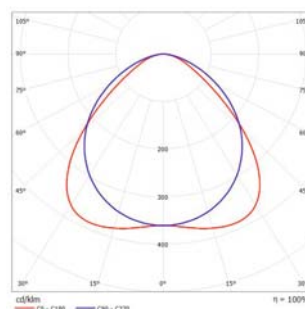
efficient^{light}



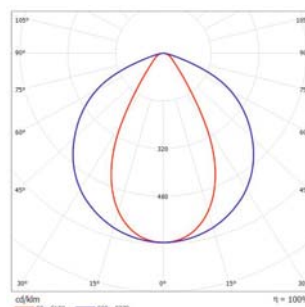
A = 600 mm, 1200 mm, 3000 mm or 4200 mm

Features at a glance

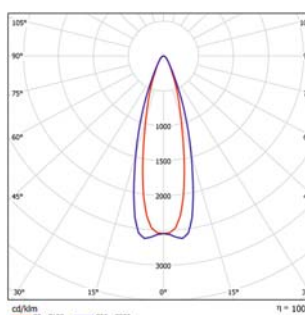
- Light module with 104 LEDs each
- Power consumption from 28 W or 34 W
- Net lumen package 3300 lm or 4000 lm
- Operating temperature: - 25 °C to + 40 °C (at 4000 lm)
- 25 °C to + 50 °C (at 3300 lm)
- Luminous flux over lifetime 80 % after 60000 operating hours (according to IES LM 80 & TM 21)
- Colour temperature warm white 3000 K, neutral white 4000 K, and daylight white 5000 K or 6500 K
- Internal lenses for different radiation characteristics (wide-spread, narrow-spread, extra narrow-spread, double asymmetrical)
- Mounting profile made from sturdy aluminium
- Pre-installed cable assembly with 7 poles in 2.5 mm² or optional with 2x 7 poles in 2.5 mm²
- Continuously dimmable 1–10 V or DALI standard
- Completely protected and overmolded light modules and ballasts
- Ballast can be operated with direct current
- Phase selection using a simple DIP switch
- System of protection IP20/IP40/IP54 for the entire system, class of protection I
- Overvoltage resistance 4 kV
- Optional DALI, daylight control and presence sensor technology
- Optional emergency lighting can be directly integrated into the mounting profile
- Dimensions of mounting profile: 4200 mm/3000 mm/1200 mm/600 mm x 90 mm x 84 mm
- Dimensions of light module: 592 x 72 mm
- Weight per 4200 mm: 15.4 kg when fully fitted, 9.1 kg without fittings



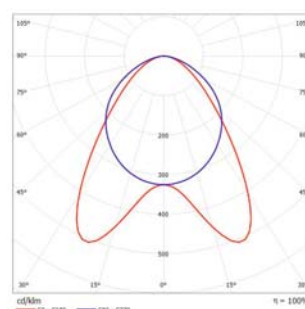
Wide-spread for hall heights
approx. 4–6 m, W lens



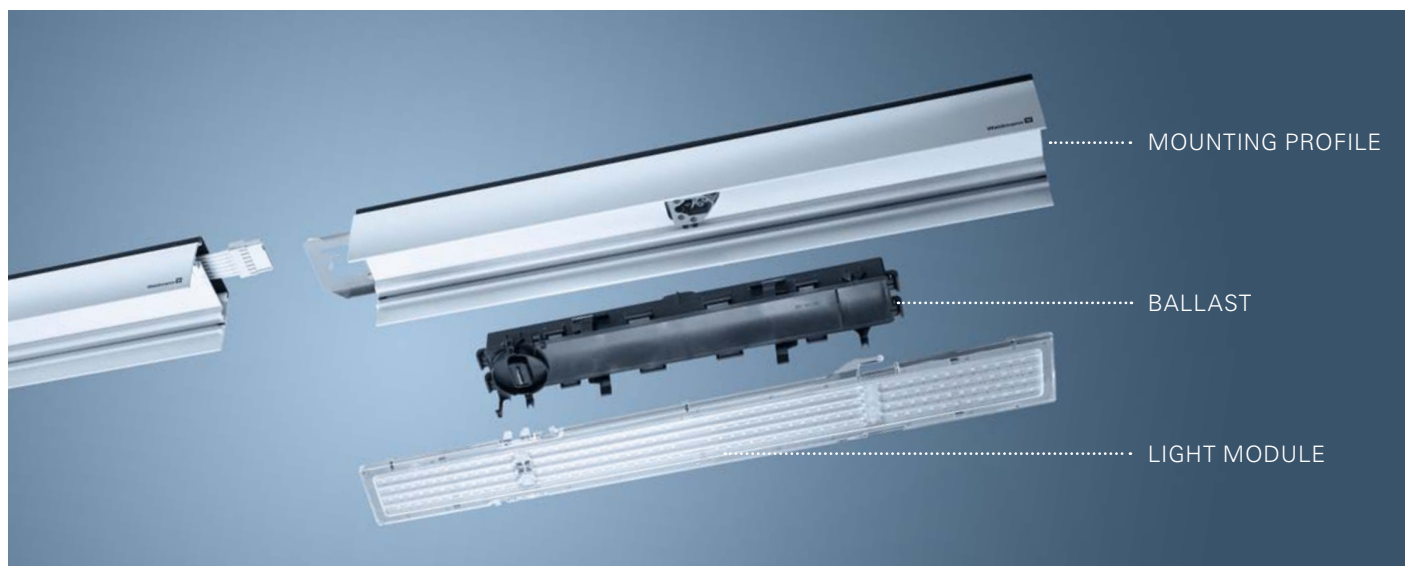
Narrow-spread for hall heights
approx. 6–10 m, N lens



Extra narrow-spread for halls
approx. 10–18 m, xN lens



Double asymmetrical for warehouses,
D lens



LIGHT MODULE



W lens

LUMINOUS FLUX	LIGHT COLOUR	CONSUMPTION	ORDER NUMBER
3300 lm	3000 K	28 W	H10 000 129 - 005 972 99
3300 lm	4000 K	28 W	H10 000 029 - 005 972 90
3300 lm	6500 K	28 W	H10 000 229 - 006 212 36
4000 lm	4000 K	34 W	H10 000 059 - 006 211 82
4000 lm	5000 K	34 W	H10 000 329 - 006 791 60
4000 lm	6500 K	34 W	H10 000 289 - 006 462 49



N lens

LUMINOUS FLUX	LIGHT COLOUR	CONSUMPTION	ORDER NUMBER
3300 lm	3000 K	28 W	H10 000 119 - 005 972 96
3300 lm	4000 K	28 W	H10 000 019 - 005 972 85
3300 lm	6500 K	28 W	H10 000 219 - 006 212 30
4000 lm	4000 K	34 W	H10 000 049 - 006 211 74
4000 lm	6500 K	34 W	H10 000 279 - 006 462 46



xN lens

LUMINOUS FLUX	LIGHT COLOUR	CONSUMPTION	ORDER NUMBER
3300 lm	3000 K	28 W	H10 000 179 - 006 212 24
3300 lm	4000 K	28 W	H10 000 079 - 006 212 00
3300 lm	6500 K	28 W	H10 000 239 - 006 212 42
4000 lm	4000 K	34 W	H10 000 249 - 006 296 24
4000 lm	6500 K	34 W	H10 000 269 - 006 462 43



D lens

LUMINOUS FLUX	LIGHT COLOUR	CONSUMPTION	ORDER NUMBER
3300 lm	3000 K	28 W	H10 000 139 - 005 973 02
3300 lm	4000 K	28 W	H10 000 039 - 005 972 93
3300 lm	6500 K	28 W	H10 000 319 - 006 462 99
4000 lm	4000 K	34 W	H10 000 069 - 006 211 91
4000 lm	6500 K	34 W	H10 000 299 - 006 462 52

BALLAST

CONNECTED LOAD	SPECIAL FEATURE	ORDER NUMBER
100–120 V	dimnable 1–10 V	H11 000 089 - 005 972 72
220–240 V	dimnable 1–10 V	H11 000 119 - 006 803 39
220–240 V	DALI	H11 000 129 - 006 803 43

MOUNTING PROFILE

LENGTH	COLOUR	SPECIAL FEATURE	ORDER NUMBER
4200 mm	aluminium coloured anodised	7-pole, black cover	H12 000 119 - 006 714 31
3000 mm	aluminium coloured anodised	7-pole, black cover	H12 000 129 - 006 714 39
1200 mm	aluminium coloured anodised	7-pole, black cover	H12 000 139 - 006 714 42
600 mm	aluminium coloured anodised	7-pole, black cover	H12 000 149 - 006 714 45

ACCESSORIES

END CAPS



COLOUR	SPECIAL FEATURE	ORDER NUMBER
aluminium coloured anodised	incl. screws/screwed cable gland	H13 000 017 - 006 638 27
aluminium coloured anodised	incl. screws	H13 000 027 - 006 638 45

SUSPENSION



SPECIAL FEATURE	ORDER NUMBER
wire suspension for cable mounting	H13 001 010 - 006 003 89
stainless steel suspension for direct mounting	H13 001 020 - 006 003 98
stainless steel suspension for cable mounting	H13 001 030 - 006 003 95

MODULE COVER



DIMENSIONS	ORDER NUMBER
600 mm	H13 002 010 - 006 004 14
1200 mm	H13 002 020 - 006 004 18

WIRE



DIMENSIONS	SPECIAL FEATURE	ORDER NUMBER
3000 mm	with sheet metal trapezoidal hook	H13 003 010 - 006 043 34
3000 mm	with M8 thread	H13 003 020 - 006 043 37
3000 mm	with hook	H13 003 030 - 006 043 40
3000 mm	with eyelet	H13 003 040 - 006 043 43

WIRE HOLDER



SPECIAL FEATURE	ORDER NUMBER
for cable diameter 1.5 mm/2 mm/2.5 mm	H13 004 010 - 006 043 54

TRAPEZOIDAL HANGER



SPECIAL FEATURE	ORDER NUMBER
galvanized steel	H13 004 020 - 006 057 52

SEALING CLIP



COLOUR	SPECIAL FEATURE	ORDER NUMBER
black	for IP54 application	H13 010 010 - 006 526 65

TOUCH LED AREA



COLOUR	SPECIAL FEATURE	ORDER NUMBER
white	6 operating functions	336 983 010 - 006 223 62
black	6 operating functions	336 983 020 - 006 223 65

TOUCH LED AREA



COLOUR	SPECIAL FEATURE	ORDER NUMBER
white	12 operating functions	336 984 010 - 006 223 68
black	12 operating functions	336 984 020 - 006 223 71

UNIVERSAL ADAPTER BOX



CONNECTED LOAD	SPECIAL FEATURE	ORDER NUMBER
220–240 V	for light sensors/presence sensors	H13 007 010 - 006 251 32

PRESENCE SENSOR INCLUDING DAYLIGHT SENSOR



CONNECTED LOAD	CONNECTION	SPECIAL FEATURE	ORDER NUMBER
220–240 V	for 1–10 V	integration in adapter box/8 m	H13 007 020 - 006 251 35
220–240 V	for 1–10 V	integration in adapter box/10 m	H13 007 060 - 006 294 64
220–240 V	DALI	integration in adapter box/ can only be used with control	226 903 019 - 006 693 00

DAYLIGHT SENSOR



CONNECTED LOAD	CONNECTION	SPECIAL FEATURE	ORDER NUMBER
220–240 V	for 1–10 V	integration in adapter box	H13 007 030 - 006 251 39

NETCOMPOSER (NCR) LIGHTING CONTROL



CONNECTED LOAD	CONNECTION	SPECIAL FEATURE	ORDER NUMBER
24 VDC/650 mA	for 2 x 64 DALI ballasts	clip for hat rail	336 673 010 - 005 336 03

POWER SUPPLY FOR NCR



CONNECTED LOAD	CONNECTION	SPECIAL FEATURE	ORDER NUMBER
230 V, 24 VDC, 650 mA	for 1 NCR	clip for hat rail	336 391 010 - 004 857 30

SIGNAL CONVERTER



CONNECTED LOAD	SPECIAL FEATURE	ORDER NUMBER
10 mA	wall base	336 388 010 - 004 856 96
10 mA	clip for hat rail	336 386 010 - 004 856 70

Emergency lighting is available on request.

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