

Waldmann **W**

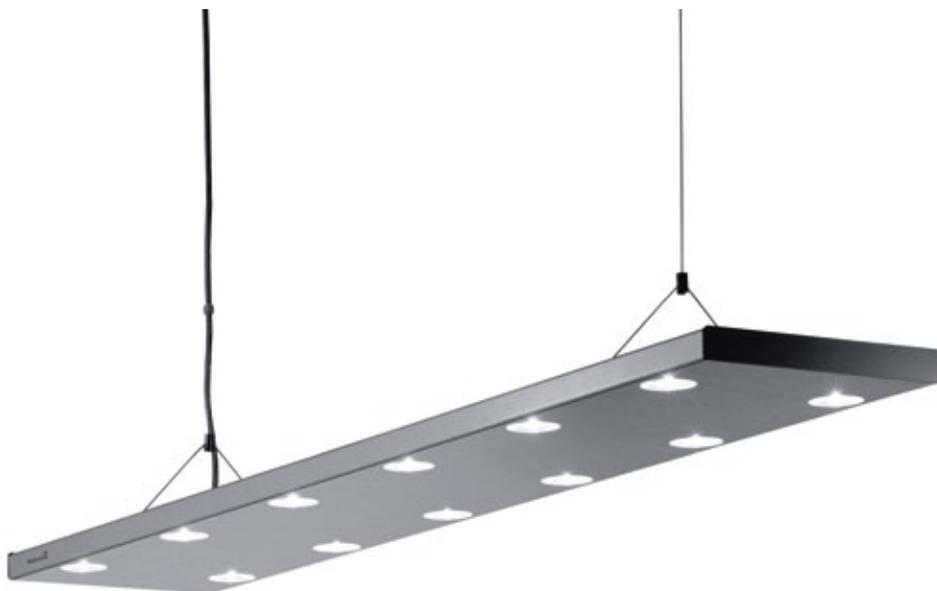
ENGINEER OF LIGHT.

NORTH AMERICA

HYBRID - TASK PENDANT



THE FUTURE IS HYBRID



As the world becomes more complex, we're always looking for ways to simplify our lives.

As a pioneer of functional lighting technology, Waldmann continues to develop new innovative lighting systems and solutions. Combining advanced LED light technology with proven T5 indirect illumination – realized in a high-quality, sleekly designed luminaire body – the hybrid challenges any previous notions of both design and function.

The hybrid task pendant:
Superior design from Waldmann

Its appearance alone is flawless. The hybrid task pendant features a clear, cubic design with an anodized aluminum housing and 12 LED lamps that lend the luminaire a modern, almost futuristic appearance. The hybrid is the first luminaire of its type in which LED technology is used as both area light and task light – made possible by Waldmann's specially designed optical system. Our unique design focuses the light from individual LEDs and directs it evenly and glare-free onto the work area. The indirect light of the hybrid also owes its high level of

efficiency to cutting-edge reflector geometry: It projects the light of two high-output and energy-efficient T5 fluorescent lamps widely and evenly onto the ceiling, creating a soft ambient light component along with the crisp, high-quality LED downlighting.

Further design breakthroughs enable the LEDs and fluorescent lamps to be switched and dimmed separately, creating a myriad of possibilities for convenient and customized lighting. The fact that the hybrid task pendant is also extremely energy-efficient and good for the environment only adds to its cutting-edge, high-tech design.





HYBRID HIGHLIGHTS AT A GLANCE

- Unique combination of LEDs and fluorescent lamp sources, controlled by two separate circuits
- Exclusive, slim panel design, with a profile of only 1 inch
- Energy-saving technology is environmentally friendly
- Individually adjustable lighting comfort, thanks to individual switching and dimming functions



CUSTOMIZED LIGHTING SCENES UNPRECEDENTED CONTROL



A cool crisp scene can provide high-quality task lighting, with low ambient levels, thanks to the high proportion of direct LED light.



A balanced, comfortable lighting scene with an even distribution of direct light from LEDs and indirect light from T5 fluorescent lamps.



A warm relaxed scene, thanks to the high proportion of indirect illumination from T5 fluorescent lamps.

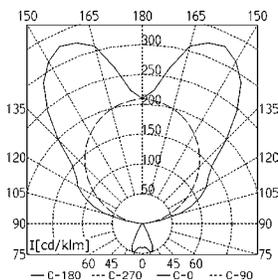
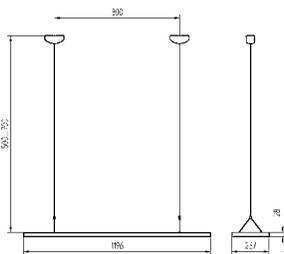
PENDANT DIRECT/INDIRECT LIGHT PANEL

The combination of LEDs and fluorescent lamps allows the hybrid pendant light panel to offer unique possibilities for controlling light: While the direct light of the LEDs has a bright appearance at approx. 4100 Kelvin, the indirect light of the T5 fluorescent lamps are available in either a matching 4100 Kelvin or 3500 Kelvin if a warmer and softer effect is desired. The individual adjustment of the two lighting media allows the creation of numerous lighting scenes - based entirely on individual preferences and the task at

hand. It is even possible to manually simulate the natural change in light during the course of the day: from clear and cool morning light to balanced and harmonious light at midday, to an evening mood with a high proportion of warm light. This increases not only well-being, but also the motivation and productivity of employees.

HYBRID

TECHNICAL DATA



RATINGS	120V, 50/60Hz
FITTED WITH	2 x T5 54W Fluorescent lamp 12 x LED module 2.6W
POWER CABLE	approx. 40", with stranded ends
HOUSING	Aluminum, anodized
WEIGHT	approx. 11.25 lbs.
FASTENING	Steel cord 14 inches
POWER CONSUMPTION	approx. 154W
OPERATION	Without switch
OPERATING DEVICE	Varies according to variant
LUMINAIRE EFFICIENCY	Without cover, 90%
GLARE SUPPRESSION	Specially developed optical PMMA lenses
LIGHT DISTRIBUTION	Mainly indirect
LAMP COVER	Not included
HOUSING COLOUR	Natural anodized

SPECIAL FEATURES

- Integrated LED technology
- LED direct area light
- Indirect light from fluorescent lamp T5

SWITCHABLE VARIANT

TYPE/MODEL	DHPL 254-12/2
TECHNOLOGY	Separately switchable
OPERATING DEVICES	Electronic ballast, LED operating devices
ORDER NO.	121-468-M08

DIMMABLE VARIANT

TYPE/MODEL	DHPL 254-12/D
TECHNOLOGY	Separately continuously dimmable
OPERATING DEVICES	Digitally dimma- ble electronic ballast DALI, LED operating devices
ORDER NO.	121-470-M08