Waldmann W

MACH LED PLUS.FORTY

3 YEARS warranty

REDUCE COSTS

Raises the brightness in the machine tool **to an unprecedented level**.

Exceeds illuminance levels by **up to 20 percent** compared to other luminaires.

Required lighting levels with a smaller number of luminaires – **saving money**.

MACH LED PLUS.forty CORE

Waldmann W

AVOID STANDSTILLS

The **vibration and shock-resistant design** results in exceptional robustness. The **crossover-free sealing technology** eliminates the risk of leaks.

A process-safe automated bonding process, with **plasma cleaning, climate-controlled adhesive curing** and **100% vacuum leak testing**, guarantees the reliability of each individual luminaire.

Important contributions to **uninterrupted machine operation**.

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ENVIRONMENTAL FRIENDLY

MACH LED PLUS luminaires **designed to be repairable** for many years.

Sustainable luminaire concept and efficient LED technology help to **achieve environmental targets.**

MACH LED PLUS.forty CORE

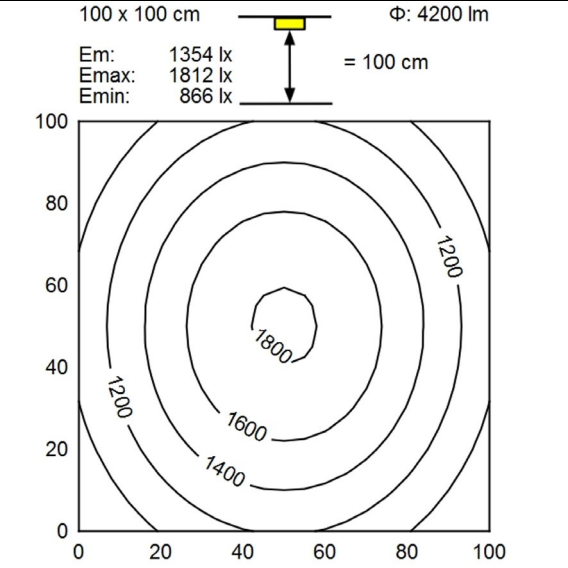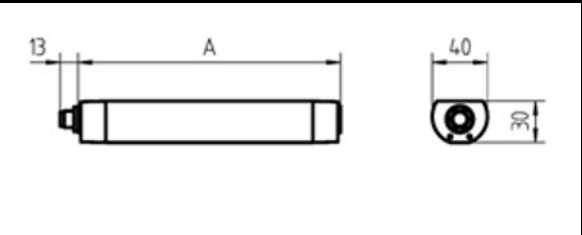**Waldmann** W

MINIMIZE RISKS – AVOID COSTS

Our **own test laboratory** ensures that the luminaires comply with all relevant standards and directives.

Additionally, we have a **3 years warranty** and **service around the world.**

made in GERMANY

3 YEARS warranty

SERVICE

MACH LED PLUS.forty CORE

Waldmann W

MACH LED PLUS.forty CORE
Technical data

- 14, 28, 49 or 63 x LED
- Color temperature 5,000 K / color rendering Ra > 80
- LED service life (L70) > 60,000 h
- Glare control through reflector with beam angle 90°
- Clear anodized aluminium housing
- Black side parts made of high-performance plastic
- 4 mm thick safety glass
- Maximum permissible ambient temperature Ta_{max} 50° C
- Vibration-resistant at 10 to 55 Hz (amplitude 0.35 mm)
- Shock-resistant up to 50 g
- IP rating IP67 / protection class III
- Connection to 24 VDC / A-coded M12 plug
- Mounting using various holders from the accessories

Power consumption	Length A	Luminous flux	Model	Order number
9 W	190 mm	840 lm	MLAL 14 S	815419
17 W	365 mm	1,900 lm	MLAL 28 S	815421
29 W	540 mm	3,100 lm	MLAL 49 S	815423
37 W	715 mm	4,200 lm	MLAL 63 S	815425

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Fighting darkness Since 1928