

MACH LED

TRIED AND TESTED IN DAILY APPLICATIONS.



Technical progress makes everything more compact – including the inside of systems and machines. Often, there is not much space left to integrate the lighting. Thanks to its flexibility and its slimline housing that is available in various lengths with 1, 2, 3 and 4 LEDs, the new MACH LED is the perfect solution for such situations. Thanks to the individually adjustable beam direction by the use of side part A, the light is always where you need it – even if the LED luminaire cannot be directly mounted in the working area.

- Variants with narrow and wide angles of illumination
- Standard-compliant lighting for every lighting and room situation
- Variants with clear and satined screen
- Constantly high lighting quality in the long term
- Direct connection to 24 V without additional components
- Connection via M12 plug connector
- Ideal for high stress
- High system of protection
- Maintenance-free: LED life of up to 50,000 hours and more
- Unlimited functionality irrespective of frequent switching or fluctuations of mains voltage
- Resistance-tested with many cooling agents and lubricants



MACH LED with side part A

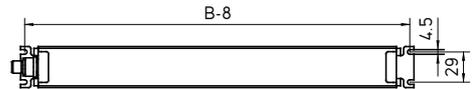
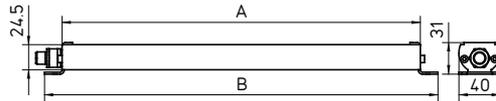
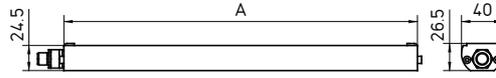


MACH LED with side part B (screw-down flange)

efficient *light*

Features

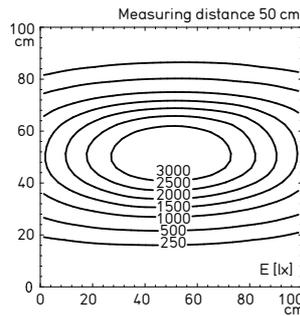
- 1, 2, 3 or 4 x HIGH POWER LED
- Color temperature neutral white 5,000 K
- Angle of illumination 30° (lens) with clear or 50° (reflector) with clear or satined screen
- Colorless anodized aluminum housing, 4 mm thick safety glass
- Screw-mounted (side part B) or mounted with various brackets from the accessories (side part A)
- Without switch
- System of protection IP67; class of protection III
- Supplied without mains lead, connection via M12-plug connector
- Various brackets, pre-assembled connection cables, customizable M12 sleeves, and operating devices to connect to the mains voltage as an accessory



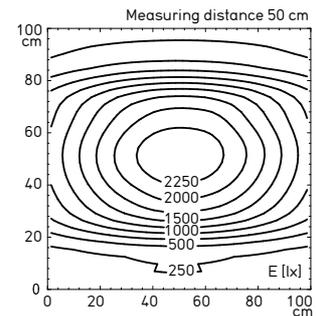
Integrated machine luminaires



Surface-mounted luminaires



Illuminance based on the example 24 W with 30° lens



Illuminance based on the example 24 W with 50° reflector

20 – 28 VDC				cETLus		
CONSUMPTION	OPERATING DEVICE	DIMENSIONS	SPECIAL FEATURE	E _m /E _{max} *	MODEL	ORDER NUMBER
6 W	–	A = 182 mm	30° lens	295/1153 lx ¹	MTAL 1 S	112 567 041 - 004 886 06
6 W	–	A = 182 mm B = 216 mm	30° lens, screw-down flange	295/1153 lx ¹	MTAL 1 S	112 567 000 - 005 482 48
6 W	–	A = 182 mm	50° reflector	297/782 lx ¹	MTAL 1 S	112 567 044 - 004 636 93
6 W	–	A = 182 mm B = 216 mm	50° reflector, screw-down flange	297/782 lx ¹	MTAL 1 S	112 567 045 - 005 218 32
NEW 6 W	–	A = 182 mm	50° reflector, satined screen	214/580 lx ¹	MTAL 1 S	112 567 000 - 005 701 17
12 W	–	A = 357 mm	30° lens	530/1938 lx ¹	MTAL 2 S	112 567 055 - 004 760 03
12 W	–	A = 357 mm B = 391 mm	30° lens, screw-down flange	530/1938 lx ¹	MTAL 2 S	112 567 000 - 005 482 51
12 W	–	A = 357 mm	50° reflector	579/1458 lx ¹	MTAL 2 S	112 567 054 - 004 636 98
12 W	–	A = 357 mm B = 391 mm	50° reflector, screw-down flange	579/1458 lx ¹	MTAL 2 S	112 567 056 - 005 209 31
NEW 12 W	–	A = 357 mm	50° reflector, satined screen	439/1135 lx ¹	MTAL 2 S	112 567 000 - 005 701 20
18 W	–	A = 532 mm	30° lens	805/2776 lx ¹	MTAL 3 S	112 567 065 - 005 051 96
18 W	–	A = 532 mm B = 566 mm	30° lens, screw-down flange	805/2776 lx ¹	MTAL 3 S	112 567 000 - 005 482 54
18 W	–	A = 532 mm	50° reflector	869/2090 lx ¹	MTAL 3 S	112 567 064 - 004 637 01
18 W	–	A = 532 mm B = 566 mm	50° reflector, screw-down flange	869/2090 lx ¹	MTAL 3 S	112 567 066 - 005 209 42
NEW 18 W	–	A = 532 mm	50° reflector, satined screen	628/1514 lx ¹	MTAL 3 S	112 567 000 - 005 701 24
24 W	–	A = 707 mm	30° lens	1107/3477 lx ¹	MTAL 4 S	112 567 075 - 004 783 81
24 W	–	A = 707 mm B = 741 mm	30° lens, screw-down flange	1107/3477 lx ¹	MTAL 4 S	112 567 000 - 005 482 57
24 W	–	A = 707 mm	50° reflector	1077/2419 lx ¹	MTAL 4 S	112 567 074 - 004 644 16
24 W	–	A = 707 mm B = 741 mm	50° reflector, screw-down flange	1077/2419 lx ¹	MTAL 4 S	112 567 076 - 004 637 06
NEW 24 W	–	A = 707 mm	50° reflector, satined screen	852/1912 lx ¹	MTAL 4 S	112 567 000 - 005 701 27

* E_m = Medium illuminance; E_{max} = Maximum illuminance; ¹ Measuring range 100 cm x 100 cm / Measuring distance 50 cm