

MACH LED PRO

HIGH OUTPUT SURFACE OR FLUSH MOUNT LED



PRODUCT DESCRIPTION:

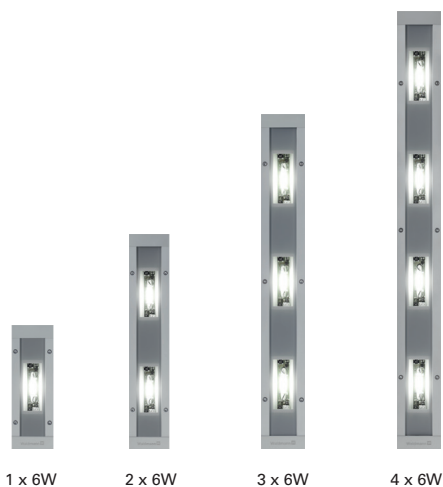
With the MACH LED PRO flood light, Waldmann is again demonstrating its ingenuity as the 'Engineer of Light'. The result: a machine luminaire with minimal height and maximum luminous power. Designed to be flush or surface-mounted inside the machine housing. MACH LED PRO provides maximum LED light output using the latest LED chip-array technology. MACH LED PRO is suitable for both wet and dry locations, as well as difficult environments subject to vibration.. It's also resistant to

coolants, lubricants and the corrosive effects of moisture. Utilizing a rugged, anodized aluminum housing, MACH LED PRO is designed for maximum heat dissipation away from the light beam direction and radiated through the luminaire body. When installing MACH LED PRO, connection errors are eliminated with operating devices that compensate for reverse polarity wiring errors. Designed for integration into machine compartments, MACH LED PRO essentially eliminates luminaire intrusion into the compartment, allowing greater range of motion for automated equipment applications.

FEATURES:

- Small unit size: 2.9in wide housing
- Recessed LED area light
- Latest LED chip-array technology
- Borosilicate safety glass
- Waterproof (IP67)
- Die-cast, heat-sink housing
- Easy to install and connect
- Aluminum face plate eliminates corrosion
- 50,000 hours maintenance-free operation
- Designed to withstand difficult conditions
- Impervious to shock and vibration
- Ideal for small machining compartments

PRODUCT INFORMATION



1 x 6W

2 x 6W

3 x 6W

4 x 6W

MACH LED PRO

Voltage:

24V AC or DC

Lamping:

6W LED chip-array

Operation:

No integral switch, connect to external switch

Luminaire Body:

Anodized aluminum

Lens Cover:

4mm thick borosilicate safety glass

Protection Rating:

IP67

Beam Angles:

30° or 120°

Luminaire Color:



Silver housing, gray facing

Cord Length:

10ft (3m)

ORDERING INFORMATION - FLUSH MOUNT

(No operating device included, which is only required for 120-277V operation)

LAMPING	VOLTAGE	OVERALL LENGTH	WIDTH	BEAM ANGLE	MODEL	PART #
 1 x 6W	24V DC	8.66in (220mm)	2.91in (74mm)	30°	MUEL 1 S	112 571 000
	24V AC, 50/60Hz	8.66in (220mm)	2.91in (74mm)	30°	MUEL 1 S	112 571 001
	24V DC	8.66in (220mm)	2.91in (74mm)	120°	MUEL 1 S	112 571 002
	24V AC, 50/60Hz	8.66in (220mm)	2.91in (74mm)	120°	MUEL 1 S	112 571 003
 2 x 6W	24V DC	15.55in (395mm)	2.91in (74mm)	30°	MUEL 2 S	112 571 004
	24V AC, 50/60Hz	15.55in (395mm)	2.91in (74mm)	30°	MUEL 2 S	112 571 005
	24V DC	15.55in (395mm)	2.91in (74mm)	120°	MUEL 2 S	112 571 006
	24V AC, 50/60Hz	15.55in (395mm)	2.91in (74mm)	120°	MUEL 2 S	112 571 007
 3 x 6W	24V DC	22.44in (570mm)	2.91in (74mm)	30°	MUEL 3 S	112 571 010
	24V AC, 50/60Hz	22.44in (570mm)	2.91in (74mm)	30°	MUEL 3 S	112 571 011
	24V DC	22.44in (570mm)	2.91in (74mm)	120°	MUEL 3 S	112 571 012
	24V AC, 50/60Hz	22.44in (570mm)	2.91in (74mm)	120°	MUEL 3 S	112 571 013
 4 x 6W	24V DC	29.33in (745mm)	2.91in (74mm)	30°	MUEL 4 S	112 571 014
	24V AC, 50/60Hz	29.33in (745mm)	2.91in (74mm)	30°	MUEL 4 S	112 571 015
	24V DC	29.33in (745mm)	2.91in (74mm)	120°	MUEL 4 S	112 571 016
	24V AC, 50/60Hz	29.33in (745mm)	2.91in (74mm)	120°	MUEL 4 S	112 571 017

ORDERING INFORMATION - SURFACE MOUNT

(No operating device included, which is only required for 120-277V operation)

LAMPING	VOLTAGE	OVERALL LENGTH	WIDTH	BEAM ANGLE	MODEL	PART #
 1 x 6W	24V DC	8.66in (220mm)	2.91in (74mm)	30°	MUAL 1 S	112 571 020
	24V AC, 50/60Hz	8.66in (220mm)	2.91in (74mm)	30°	MUAL 1 S	112 571 021
	24V DC	8.66in (220mm)	2.91in (74mm)	120°	MUAL 1 S	112 571 022
	24V AC, 50/60Hz	8.66in (220mm)	2.91in (74mm)	120°	MUAL 1 S	112 571 023
 2 x 6W	24V DC	15.55in (395mm)	2.91in (74mm)	30°	MUAL 2 S	112 571 024
	24V AC, 50/60Hz	15.55in (395mm)	2.91in (74mm)	30°	MUAL 2 S	112 571 025
	24V DC	15.55in (395mm)	2.91in (74mm)	120°	MUAL 2 S	112 571 026
	24V AC, 50/60Hz	15.55in (395mm)	2.91in (74mm)	120°	MUAL 2 S	112 571 027
 3 x 6W	24V DC	22.44in (570mm)	2.91in (74mm)	30°	MUAL 3 S	112 571 030
	24V AC, 50/60Hz	22.44in (570mm)	2.91in (74mm)	30°	MUAL 3 S	112 571 031
	24V DC	22.44in (570mm)	2.91in (74mm)	120°	MUAL 3 S	112 571 032
	24V AC, 50/60Hz	22.44in (570mm)	2.91in (74mm)	120°	MUAL 3 S	112 571 033
 4 x 6W	24V DC	29.33in (745mm)	2.91in (74mm)	30°	MUAL 4 S	112 571 034
	24V AC, 50/60Hz	29.33in (745mm)	2.91in (74mm)	30°	MUAL 4 S	112 571 035
	24V DC	29.33in (745mm)	2.91in (74mm)	120°	MUAL 4 S	112 571 036
	24V AC, 50/60Hz	29.33in (745mm)	2.91in (74mm)	120°	MUAL 4 S	112 571 037

For installation cutout dimensions of flush mount version, please see MACH LED PRO product specification sheet @ www.waldmannlighting.com**EXTERNAL OPERATING DEVICES**

Required for 120-277V operation

MAX WATTAGE	OUTPUT	VOLTAGE RANGE	PART #
20W	24V DC	120-240V, 50/60Hz	209 585 029
50W	24V DC	120V, 50/60Hz	209 585 030
75W	24V DC	120-277V, 50/60Hz	209 585 031