

MACH LED PLUS.forty

40MM LINEAR LED MACHINE LIGHT

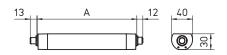


Maximum light minimum spaces MACH LED PLUS.forty - combining the positive attributes of MACH LED PLUS. seventy with an even smaller form factor - 1.6" in diameter and four lengths, (7.5", 14.4", 21.3", 28.2") allowing this tough fixture to accommodate just about any area no matter how small.

A more efficient choice

MACH LED PLUS.forty's light output extends the full length of the fixtures. It offers more lumens per watt while using less power consumption than comparable lighting used in machining today. With a choice of beam angle, 40° or 90°, MACH LED PLUS forty makes it possible to customize the area of

illumination even further. Thru-wire versions are also available in every length.



Multiple mounting options*

End bracket set



Clip bracket



M12 connection



*Mounting sold separately

TECHNICAL DATA

FEATURES:

- Rugged anodized aluminum housing, 4mm thick safety glass
- Various bracket options for simple installation
- Impermeable to coolants and lubricants
- Able to withstand extreme ambient heat up to 122°F
- Four lengths: 7.5", 14.4", 21.3", 28.2"
- Beam angle option: 40° (optics) or 90° (reflector)
- IP67 rated
- Easy connection via M12 cable assembly (included)
- Impervious to mechanical vibration
- Thru-wire models available for connecting multiple fixtures
- 60,000 hours maintenance-free operation
- ETL/cETL approved

SPECIFICATIONS:

24V DC Voltage Lamping LED 5000K Color Temperature Color Rendering Index (CRI) 85 Beam Angle 40° or 90° Luminaire Material anodized aluminum Lens Material borosilicate safety glass Dimension 4 lengths, 1.6" (40mm) diameter Protection Rating IP67 Certification CE, ETL/cETL approved Connection M12 connector with 16' cord



included



MACH LED PLUS.forty with angle of illumination 40°



MACH LED PLUS.forty with angle of illumination 90°

Version	Wattage	Length (A)	Lumens	Model	Part #
24V Versions					
90° beam angle	5W	7.5" (190mm)	480	MLAL 12 S	113 161 000 - 006 625 7
40° beam angle	5W	7.5" (190mm)	490	MLAL 12 S	113 161 000 - 006 600 3
90° beam, thru-wire	5W	7.5" (190mm)	480	MLAL 12 SD	113 161 000 - 006 626 0
90° beam angle	10.5W	14.4" (365mm)	1080	MLAL 27 S	113 162 000 - 006 626 8
40° beam angle	10.5W	14.4" (365mm)	1120	MLAL 27 S	113 162 000 - 006 606 8
90° beam, thru-wire	10.5W	14.4" (365mm)	1080	MLAL 27 SD	113 162 000 - 006 627 0
90° beam angle	16W	21.3" (540mm)	1680	MLAL 42 S	113 163 000 - 006 627 1
40° beam angle	16W	21.3" (540mm)	1720	MLAL 42 S	113 163 000 - 006 606 8
90° beam, thru-wire	16W	21.3" (540mm)	1680	MLAL 42 SD	113 163 000 - 006 627 3
90° beam angle	21.5W	28.2" (715mm)	2280	MLAL 57 S	113 164 000 - 006 628 (
40° beam angle	21.5W	28.2" (715mm)	2330	MLAL 57 S	113 164 000 - 006 606 8
90° beam, thru-wire	21.5W	28.2" (715mm)	2280	MLAL 57 SD	113 164 000 - 006 628 3
External Operating Devices	Max. Wattage		Input	Output	Part #
	17W		120-277V, 50/60Hz	24V DC	209 585 028
	20W		120-277V, 50/60Hz	24V DC	209 585 029
Required for 120-277V operation	50W		120V, 50/60Hz	24V DC	209 585 030
	96W		120-277V, 50/60Hz	24V DC	209 585 032
Mounting Options	Item		Unit		Part #
	End bracket set, +/- 90°		Sold as pair		408 001 403 - 006 716 2
	Clip bracket, adjustable, +/- 20°		Sold separately		408 001 402 - 006 716 2
Accessories	Item		Туре	Voltage	Part #
	M12 connector with 16' cord (included), straight		A-coded	24V DC	US0 009 001
	M12 connector with 16' cord, angled		A-coded	24V DC	US0 009 011
		M12 connector for thru-wire (SD) models		24V DC	336 884 M10

Waldmann Lighting Company

*M12 connector for thru-wire versions available upon request only

9 W. Century Drive Wheeling, Illinois 60090 www.waldmannlighting.com Telephone (847) 520 1060 Fax (847) 520 1730 waldmann@waldmannlighting.com

