

# HEAD LED

## SURFACE MOUNT LED FLOOD



### PRODUCT DESCRIPTION:

The HEAD LED is an LED flood light designed for integration into machines and equipment requiring a fixed, high output light beam. The unit has been reduced to its most essential features - without losing luminous power and lighting quality. As a result, the HEAD LED can be easily integrated into custom applications and mounting positions. HEAD LED measures just under 1-inch in height and less than 2-inches in diameter. There is no space too small for the HEAD LED. This small luminaire

can light up an entire machine with its 70- or 100-degree flood. It is also impact and vibration resistant, ideal for any machining location. The wide-distribution light beam of the HEAD LED is generated with optics specially developed by Waldmann. HEAD LED meets all the requirements that are placed on integrating lighting inside the machine: low-voltage, tempered housing, safety glass, and precise optics. With HEAD LED, you can create custom applications for your specific needs. Unit requires a 700mA constant current LED driver.

### FEATURES

- Small diameter - under 2 inches
- High Output: 11W or 16W LED chip
- Available in 70° or 100° beam angles
- Designed for wide area flood distribution
- LEDs are impact and vibration resistant - ideal for use in machines and equipment
- Safety glass and hard-coated housing
- No burning of coolants and lubricants
- Latest LED chip-array technology
- Waterproof (IP67)
- 50,000 hours maintenance-free operation
- M12 connector incl. (p/n: 330 603 020)

## PRODUCT INFORMATION



HEAD LED

Voltage:	120V - 277V depending on Operating Device selected
Lamping:	1 x 11W or 16W LED chip-array
Operation:	No integral switch, connect to external switch
Height:	.9in (23mm)
Diameter:	1.74in (44mm)
Luminaire Body:	Hard anodized aluminum
Lens Cover:	Borosilicate glass
Protection Rating:	IP67

VERSION	BEAM SPREAD	MODEL	PART #
11W Wide Flood	100°	MCAYL 4 S	Please consult factory
11W Narrow Flood	70°	MCAYL 4 S	Please consult factory
16W Wide Flood	100°	MCAYL 6 S	Please consult factory
16W Narrow Flood	70°	MCAYL 6 S	Please consult factory

EXTERNAL OPERATING DEVICES	MAX WATTAGE	OUTPUT	VOLTAGE RANGE	PART #
Required for 120-277V operation	17W	700mA	120-277V, 50/60Hz	950 900 026
	25W	700mA	120-277V, 50/60Hz	950 900 025