

M-LIGHT Range



ML 5-1 /170 US LED Ø 170 mm (7") Combined Head & Marker light

- **3 functions in 1 module**
- **Light intensities according to American standards**
- **Improved lifetime (full LED technology)**
- **Smart maintenance**
- **Optical adaptation to customer environment**



Standards:

- **Light intensities** 49 CFR 229.125
49 CFR 238.443
49 CFR 221.14
- **Environment** EN 50155, EN 60068, EN 60529
- **EMC** EN 50121-3-2
- **Shock/vibrations** EN 61373
- **Fire/smoke** EN 45545 - 2 / NFPA 130
- **Cable** EN 50306 - 4 / NFPA130
- **REACH**

Mechanical / Environmental characteristics:

- Operating temperature: - 40°C (-40°F)/+70°C (+158°F)
- Front or rear mounting
- IP66 front and IP65 rear
- Shock resistance: IK05
- Glass protective cover
- Cable connection
- UV resistant

Electrical characteristics:

- Power supply: 16,8 - 45 VDC or 50,4 - 137,5 VDC
- Optimized power consumption
- Long service life: 60 000h

Optical characteristics:

Ø170 mm (7") lit area

	Standards		Mafelec	
	Standards	Intensity (Cd)	Intensity (Cd)	Mean consumption (W) ±20%
Full Head light	49 CFR 229.125	> 200 000	≈ 280 000	≈ 50
Dimmed	49 CFR 238.443	-	Adjustable value from 30 000 to 12 000 Cd	≈ 20
Red marker light	49 CFR 221.14	100 - 1000	≈ 200	≈ 10

Options:

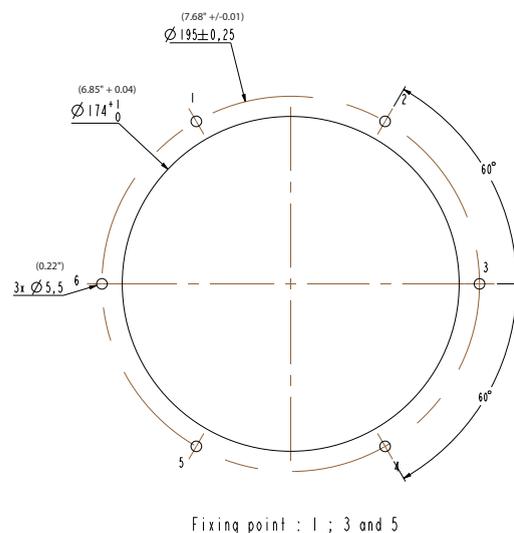
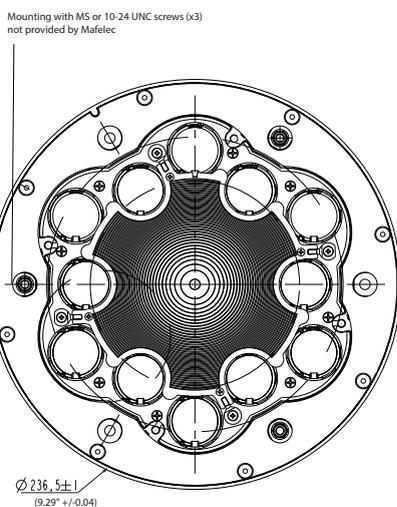
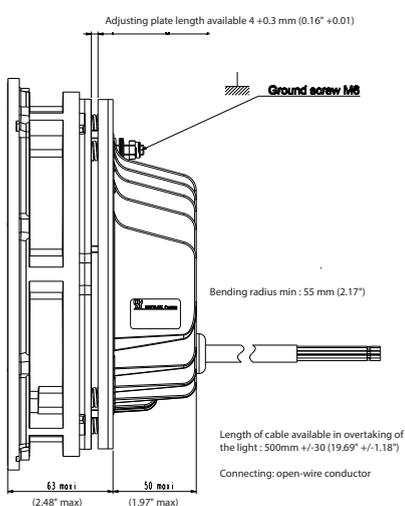
- Bearing angle adjustment at ±1.5° on the two axes after mounting
- Light status feedback (potential free contact)
- Customized connector and cable length
- Defrosting
- Optical characteristics adapted for products placed behind customer glass reducing luminous intensity by as much as 35%
- Mechanical interface mounting plate

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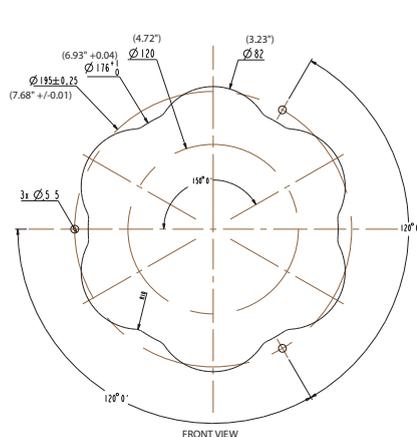
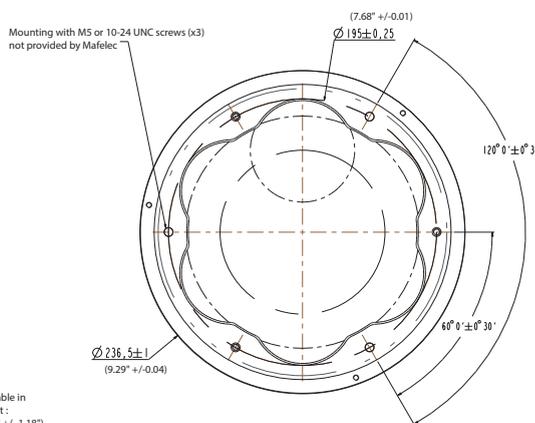
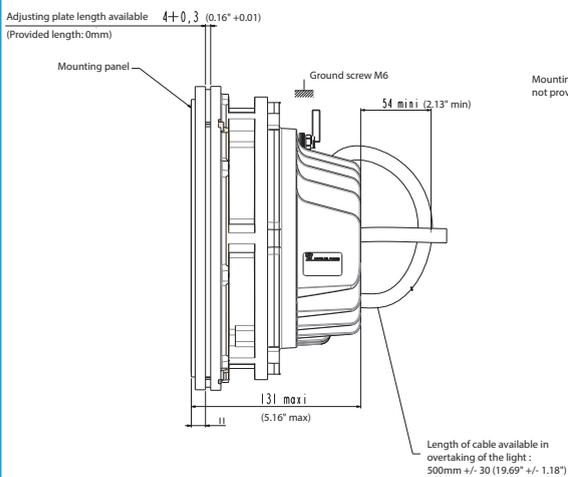
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Dimensions:

Front mounting with glass cover:



Rear mounting with glass cover:



AEROSPACE
& DEFENCE



COACHES
& BUSES



RAILWAY



INDUSTRY



ENERGY



PLEASURE
BOAT



VERTICAL
TRANSPORT



INDUSTRIAL
VEHICLES



OFFSHORE
& MINING