



ML 5-1 /170 LED Ø 170 mm combined Head, Marker and Tail lights

- 5 functions in 1 module
- Compliancy with EN 15153-1: 2020
- Improved lifetime (full LED technology)
- Smart maintenance
- Optical adaptation to customer environment

Standards:

- | | |
|--------------------|--|
| • Design | EN 15153 - 1: 2020 TSI LOC & PAS 2014 |
| • Application | EN 50155 |
| • EMC | EN 50121-3-2 |
| • Shock/vibrations | EN 61373 |
| • Environment | EN 60068, EN 60529 |
| • Fire/smoke | EN 45545 - 2 |
| • Cable | EN 50306 - 4 |
| • REACH | |

Mechanical / Environmental characteristics:

- Operating temperatures: - 40°C/+70°C
- Front or rear mounting
- IP66 front and IP65 rear
- Shock resistance: IK05
- Plastic protective cover
- Cable connection
- UV resistant

Electrical characteristics:

- Power supply: 24-36 or 72-110 Vdc (-30% / +25%)
- Optimized power consumption
- Long service life: 60 000h

Optical characteristics:

- Ø170 mm lit area

| | EN15153-1:2020 | Mafelec | |
|---------------------|----------------|----------------|---------------------------|
| | Intensity (Cd) | Intensity (Cd) | Mean consumption (W) ±20% |
| Full Head light | 40000-70000 | ≈ 60 000 | ≈ 28 |
| Dimmed Head light | 12000-16000 | ≈ 15 000 | ≈ 10 |
| Full Marker light | 300-700 | ≈ 600 | ≈ 8 |
| Dimmed Marker light | 100-300 | ≈ 200 | ≈ 4 |
| Tail light | 15-100 | ≈ 80 | ≈ 3 |

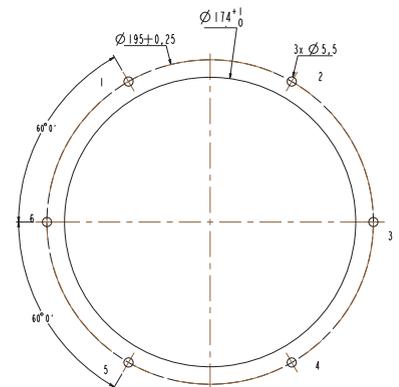
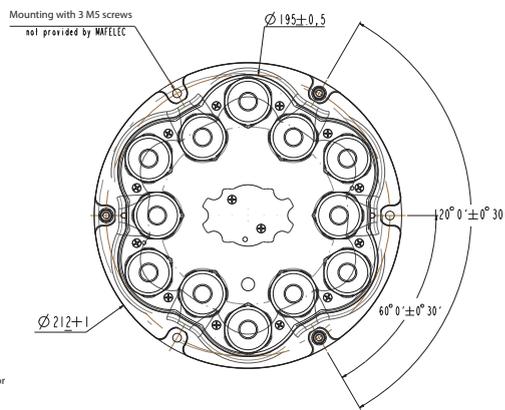
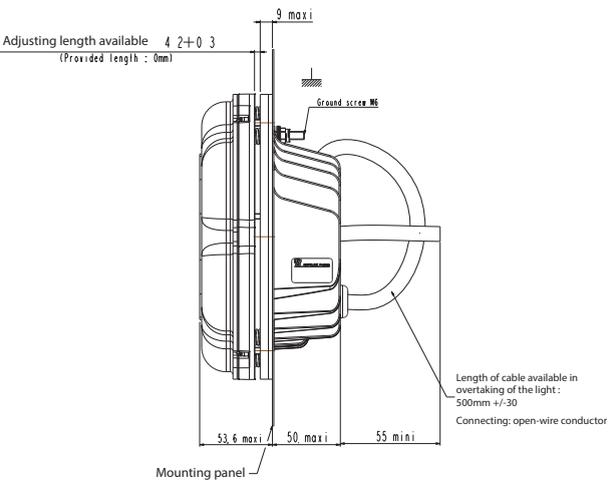
Options:

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

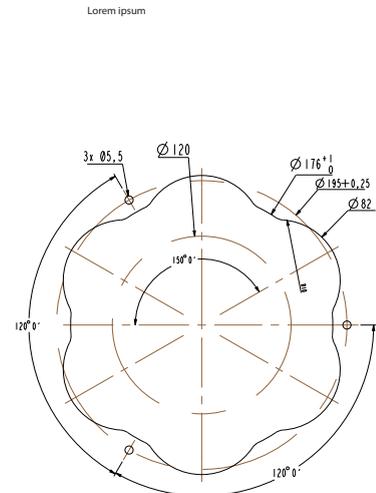
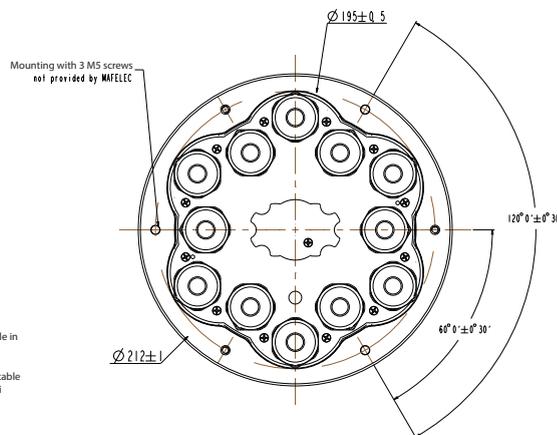
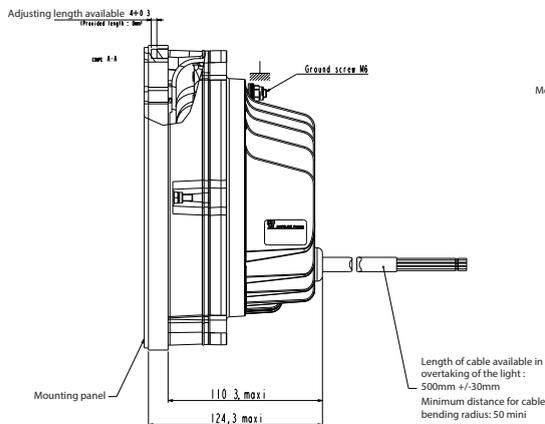
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Dimensions:

Front mounting :



Rear mounting :

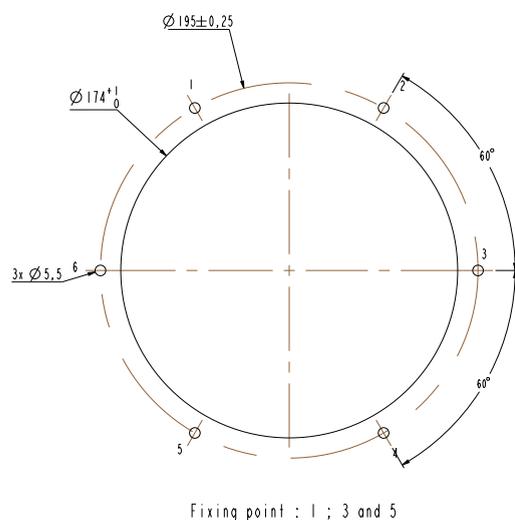
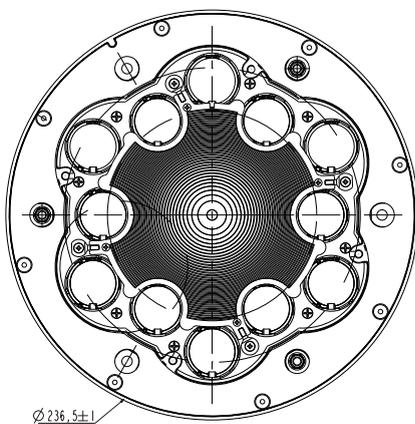
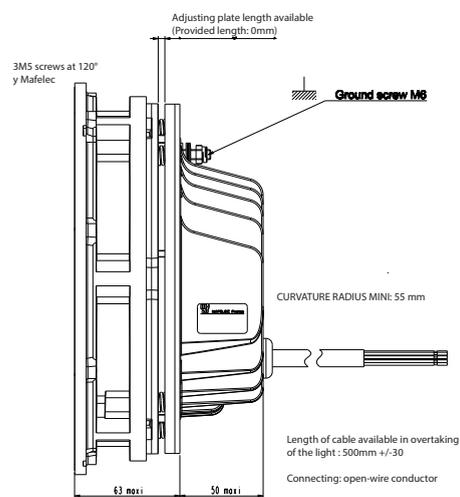


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Dimensions:

Front mounting with glass cover:



Rear mounting with glass cover:

