

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



- **5 functions in 1 module**
- **Compliance with EN 15153-1:2020**
- **Anti glare system full compliant with table 3**
- **Compact solution, depth < 120 mm Improved lifetime (full LED technology) Smart maintenance**



Beam shape with cut-off



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 EN 45545-2
- **Fire/smoke** EN 50306- 4
- **Cable**
- **REACH**

Mechanical / Environmental characteristics:

- Operating temperatures: - 40°C/+70°C
- Front or rear mounting
- IP66 front and IP65 rear
- Shock resistance: IK05
- Glass 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	

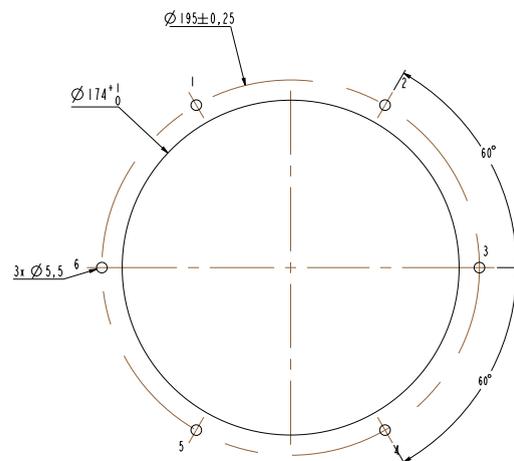
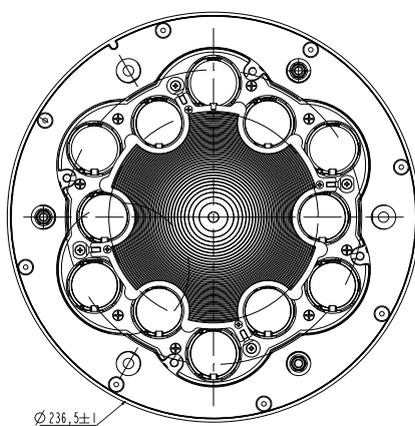
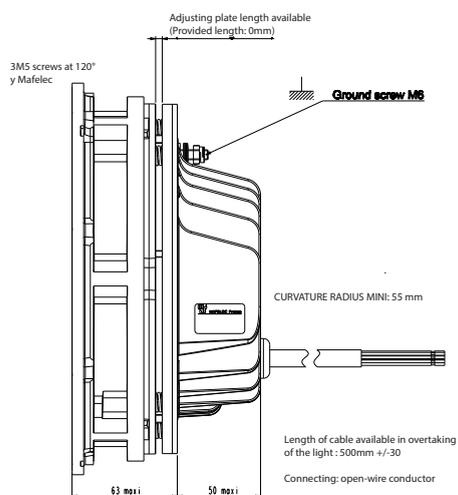
Options:

- Bearing angle adjustment at ±1.5° on the two axes after mounting
- Light status feedback (potential free contact)
- Customized connector and cable length
- 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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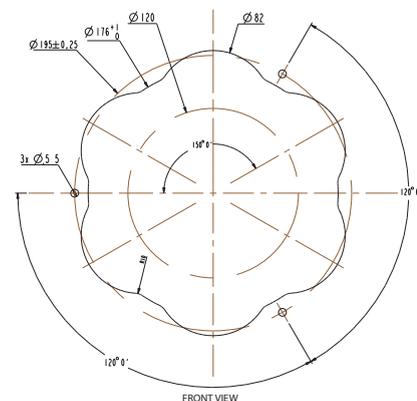
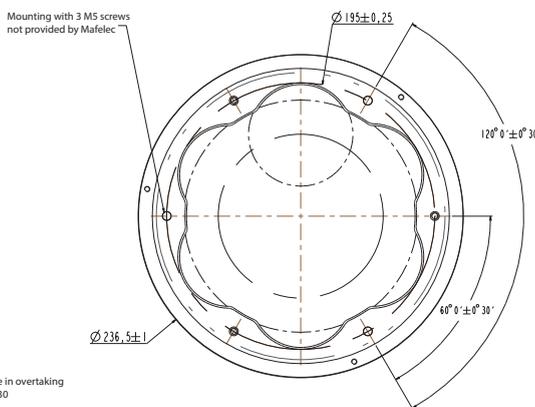
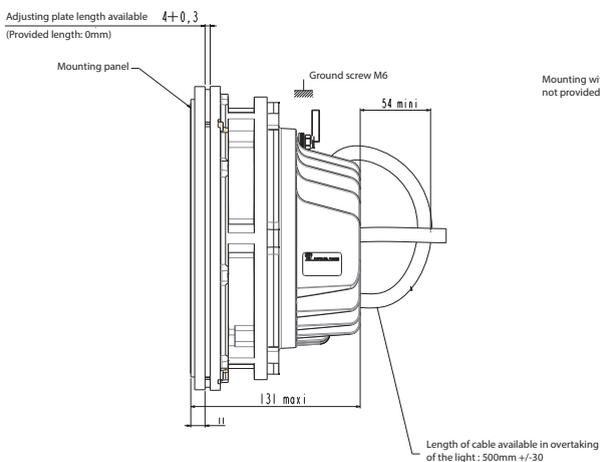
Dimensions:

Front mounting with glass cover:



Fixing point : 1 ; 3 and 5

Rear mounting with glass cover:



AEROSPACE
& DEFENCE



COACHES
& BUSES



RAILWAY



INDUSTRY



ENERGY



PLEASURE
BOAT



VERTICAL
TRANSPORT



INDUSTRIAL
VEHICLES



OFFSHORE
& MINING