



MLTR / 140 LED Ø 140 mm Traffic light

Under development

- **Compliance with SNCF Signalling network**
- **Improved lifetime (full LED technology)**
- **Improved obsolescence management**
- **5 colors available**

Standards:

- Application EN 50125-3
- EMC EN 50121-4
- Shock/ vibrations EN 50125-3
- Environment EN 60068
- Fire/smoke EN45545-2
- REACH

Mechanical / Environmental characteristics:

- Operating temperature: -25°C / +70°C
- Rear mounting into existing traffic light housing
- IP2X
- Plastic protective cover
- Terminal block with screws
- UV resistant
- Overall dimensions: max Ø 157 x 88 mm

Electrical characteristics:

- Power supply : 7,2 +/-10% VDC/AC (50 Hz) or 16 VAC (400 Hz)
- Optimized power consumption
- Long service life >= 50 000 h
- LED Indicator for voltage presence at rearside

Optical characteristics:

	Colorimetry	Intensity (Cd) With 2θ½ = 10° +/- 4°	Mean consumption	
			U= 7,2 V	U= 16 V
White signal	x=0.31 y=0.32 CCT 6500K+ / -500K	800 +/- 10%	1.6 A / 12 W	490 mA / 8 W
Red signal	λ= 641nm +/- 9nm	180 +/- 10%		
Yellow signal	λ= 594nm +/- 4nm	1200 +/- 10 %		
Green signal	λ= 498nm +/- 4nm	400 +/- 10%		
Purple signal	λ= 560nm +/- 9nm	180 +/- 10%		

Options:

- Light intensities can be adapted on request
- Color signal can be adapted on request
- Other voltages on request