



MLT/140

Traffic light



Ø140mm LED

- > Compliancy with SNCF signalling network
- > Improved lifetime (full LED technology)
- > Improved obsolescence management
- > 5 colors available

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 Ø157 x 88 mm

Standards:

- Application EN 50125-3
- EMC EN 50121-4
- Fire/smoke EN 45545-2
- Shock/vibrations EN 50125-3
- Environment EN 60068

Electrical characteristics:

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

Options:

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

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%		