



MLHE /120



MLHE / 120 LED Ø 120 mm Railway Headlight

- Full compatibility with PAR56 lamps
- Enhanced optical performances
- Improved life time (full LED technology)
- Compliant with US FRA Regulation & Indian Railways

Mechanical / Environmental characteristics:

- Operating temperature: - 40°C/+70°C
- Front or rear mounting
- IP65 front and rear
- Shock resistance: IK06
- Plastic or glass protective cover
- Cable connection
- UV resistant
- Salt mist resistance : 480 h
- Bearing angle adjustment at +/-1,5°

Standards:

- Railway application EN 50155
- EMC EN 50121-3-2
- Shock / vibrations EN 61373
- Environment EN 60068, EN 60529
- Fire/smoke EN 45545-2, NFPA 130
- Cable EN 50306-4
- REACH, RoHS

Options:

- Light intensities can be adapted on request
- Autonomous flashing mode
- Customized connector and cable length
- Mechanical interface mounting plate

Electrical characteristics:

- Power supply: 24 - 110 Vdc (-30% / +25%)
- Optimized power consumption
- Long service life: 50 000h
- Light status feedback (potential free contact)

Optical characteristics:

Operation in Europe :

- EN 15153-1 / TSI LOC&PAS
 - Lower full headlight
 - Lower dimmed headlight

Standards	Product	
Light intensity (cd)	Light intensity (cd)	Mean consumption (W)+/-20%
40 00 -70 000	~53 000	~28
12 000 -16 000	~14 000	~10

Operation in other countries

- Australia : AS 7531
 - Visibility light

Standards	Product	
Light intensity (cd)	Light intensity (cd)	Mean consumption (W)+/-20%
>20 000	~40 000	~25



M-Light range

Dimensions:

