

Company*:

Select your activity*:

Project:

N° plan:

* Mandatory fields

1 - Position:

Lower auxiliary light
Ditch light

Upper headlight

2 - Fire & smoke:

European standard

American standard

EN 45545

NFPA130

Other:

3 - Requested functions

White head lamp
full mode

White head lamp
dimmed mode

Other:

Standard: 50% of full mode

Other:

4 - Optical Characteristics

American standard

Indian standard

Compliance requested:

49 CFR 229.125
49 CFR 238.443

ERLS/SPEC/PR0024

Other:

Light intensities

Axis > 200 000 cd
7.5° > 3 000 cd
20° > 400 cd

Axis > 300 000 cd
FWTM 7°
3.5° > 30 000 cd

[See standard values](#)

Attenuation of
existing customer
glass on the train:

No customer glass

0% -> 15%
Standard vertical
glass

15% -> 25%
Tempered & small tilted
glass

25% -> 35%
Tempered &
large tilted glass

5 - Light status feedback

Potential free contact without
common ; open on defect

Other
Please join a drawing

[See diagrams](#)

Without feedback

6 - Cable Lenght

Standard: 500 mm
± 30 mm

1000 mm
± 50 mm

2000 mm
± 50 mm

Other:
 mm

7 - Connector

Standard:
without connector

Other:

8 - Option

Mounting plate

American standard :

49 CFR229.125 & 49 CFR238.443

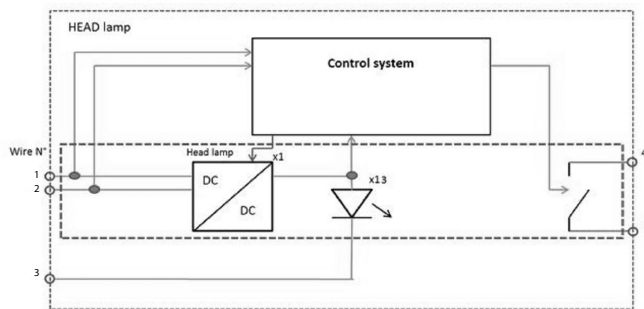
Head lamp	Optical axis	at $\pm 7.5^\circ$	at $\pm 20^\circ$
Full		> 3000 cd	> 400 cd

Indian standard :

ERLS/SPEC/PR/0024

Head lamp	Optical axis	at $\pm 3.5^\circ$ (FWTM 7°)
Full		> 300 000 cd

Connection & Light status feedback (open on defect)



Other on request

Because both standards and Mafelec's product range are constantly evolving, the information contained in this document cannot be considered contractually binding.

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