

## PRODUCT SPECIFICATIONS SHEET

CATEGORY | Rail & Automotive Luminaire



## KEY FEATURES

- Wattage: 22W
- Housing colour: Black
- Housing material: Cast Aluminium
- Light colour: Red
- LED type: Osram Oslon
- Input voltage: 110 VDC
- Red light marker mode
- 6,000 - 65,000 centre beam candela
- Integrated power supply

## APPLICATIONS

- Transportation

## CERTIFICATIONS & FIXTURE RATINGS



**ISO9001**  
CERTIFIED

**IP20**

**5Year**  
WARRANTY

### General Disclaimer

Content is subject to change. Fluctuations in mains voltage and in LED forward voltage mean that lumen output and power draw may be subject to deviation (+/-5%) of rated value.

### Liability Disclaimer

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### CAPE TOWN

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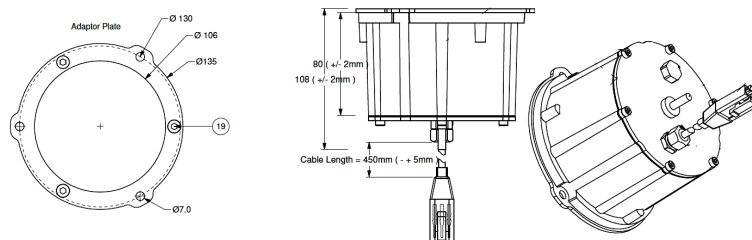
### DURBAN

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### JOHANNESBURG

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| INPUT | MODE | NOMINAL INPUT VOLTAGE | MIN/MAX VOLTAGE | INPUT POWER |
|-------|------|-----------------------|-----------------|-------------|
|       | ON   | 110 VDC               | 66-154 VDC      | 2W          |

## GENERAL SPECIFICATIONS

## ALSTOM HEADLIGHT

| GENERAL SPECIFICATIONS | DESCRIPTION                                 | SPECIFICATION         |
|------------------------|---------------------------------------------|-----------------------|
|                        | Railway applications - Electronic equipment | EN 50155              |
|                        | Railway applications - Electromagnetic com- | EN 50121-3-2, Class A |
|                        | Shock and vibration                         | EN 61373              |
|                        | Environmental testing - Dry heat            | EN 60068-2-2          |
|                        | Environmental testing - Damp heat, Cyclic   | EN 60068-2-30         |
|                        | Environmental testing - Cold                | EN 60068-2-1          |
|                        | Fire and smoke                              | NFF 16101/NFF 16102   |
|                        | Water resistance (IP 55)                    | EN 60529/A1           |
|                        | Photometric red colour                      | BS 1376 Class C       |
|                        | Photometric cd values                       | GM/RT 2483 with mod   |

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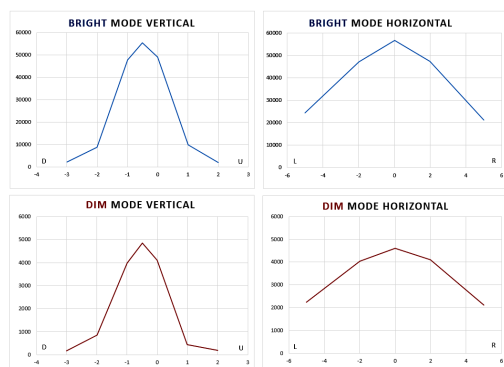
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| POSITION          | MINIMUM CD         | MAXIMUM CD      |
|-------------------|--------------------|-----------------|
| <b>Vertical</b>   | <b>Bright mode</b> | <b>Dim Mode</b> |
| 2                 | 2000               | 200             |
| 1                 | 9900               | 900             |
| 0                 | 49000              | 4100            |
| -0.5              | 55000              | 4800            |
| -1                | 48000              | 4000            |
| -2                | 8900               | 900             |
| -3                | 2100               | 200             |
| <b>Horizontal</b> | <b>Bright mode</b> | <b>Dim Mode</b> |
| 5                 | 22000              | 2100            |
| 2                 | 47000              | 4100            |
| 0                 | 56000              | 4600            |
| -2                | 47000              | 4000            |
| -5                | 23000              | 2200            |

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