

Subject document is prepared for procurement of combined LED focus light and Tail light with Flashing and Static mode to be provided in RAAC Coaches. The details are as under:

1. The OGA of the combined LED focus light and Tail light with Flasher unit and other parameters shall be as per drawing no. CC76474.
2. The technical parameters of the Focus light and Tail light are as under:

A). Focus light:

- Working voltage: 110VAC/DC (85V – 138V).
- Connection E-beam Cable with Wago/Pheonix connector or equivalent.
- Wattage: Not more than 25W (Low Beam)/ 50W (High Beam).
- Photometric requirements: Low Beam <1500 Lux at 8 meter.
High Beam 3500-4500 Lux at 8 meter.
At 305 meter 2.4 Lux. in High Beam.
- Technical and design requirement shall be generally as per RDSO Specification no. RDSO/2017/EL/SPEC/0134 (Rev.-02).
- Test parameters shall be as per clause 11.2 of RDSO specification no. RDSO/2017/EL/SPEC/0134 (Rev.-02) except Photometric Test (as per details given above).


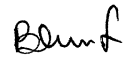

B). Tail Light with Flasher unit:

- Working voltage 110VAC/DC (85V – 138V).
- Connection E-beam Cable with Wago/Pheonix connector or equivalent.
- Wattage: 9W
- Visibility: 2Km
- Control unit of suitable size shall consist of LED flashing and Static mode selection switch, LED ON indication.
- Technical and design requirement shall be as per spec. no. EDTS-215 (latest).
- Test parameters shall be as per clause 7.2 to spec. no. EDTS-215 (latest).

3. IP level of the Complete assembly shall be IP-66.

Note:-

1. Any modification required in reference to wiring at the time of commissioning shall be in the firm's scope of supply.

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