

ANNEXURE TO TENDER NO. DPS/MRPU/BARCF/ELE/9033**Technical Specification for 110V DC LED Exit Light fixtures**

Sl.No	Description	Requirement
1	Operating voltage	110V DC \pm 15%
2	Wattage	10 Watts max.
3	Light Source	InGaN on Sapphire SSL Chip, PC Converted, with separate thermal path for heat dissipation.
4	X, Y Coordinates of Light Source	313, .337 to ANSI C78.377-2008
5	CRI	85 +
6	Lumens /Watt	200
7	Lumens	2000 lumens (source).
8	Illumination	Uniformly glowing, without visible spots.
9	Power Supply	High Reliability design with no active switching components
10	Over voltage Protection	Must withstand application of 110VDC \pm 15% for 24hours without damage.
11	Housing	Powder Coated CRCA, black.
12	Dimensions -	330 mm x 270 mm x 50mm nom. IP Protection
13	Installation	Support shall be provided on top to hang from bracket.
14	Protection Class	IP40.
15	Signage	Escape Route Green Graphics as per EEC/92/58
16	Life	50,000- 1,00,000 hrs.
17	Preferred make	Binay/Bajaj or Equivalent

Test Requirements:

All the Routine, Acceptance Tests will be carried out at manufacturer's works as per relevant IS(Latest).

- Bidder shall provide a technical catalogue & type test certificate.
- Offer shall include testing charges (Factory Acceptance Tests, Routine Tests) at manufacturer's works and Site Acceptance Test as per latest IS/IEC standard.
- Bidder shall submit a warranty certificate (for five year replacement warranty) from the manufacturer of exit lamp.