

1.	20	20 + 0.3	17.2	0.2	0.5
2.	25	25 + 0.3	21.6	0.2	0.5
3.	32	32 + 0.3	28.2	0.2	0.5
4.	40	40 + 0.3	35.8	0.2	0.5
5.	50	50 + 0.3	45.0	0.4	0.6

TABLE IV

Ordinary Clips or Girder Clips

Size of Conduit	Width	Thickness
20 mm & 25 mm	19 mm	20 SWG (0.9144 mm)
32 mm & above	25 mm	15 WG (1.219 mm)

5.3 TECHNICAL PARAMETER FOR LED LIGHT FITTING

Sr. no.	Technical parameter	Recommended requirement
1	Efficiency of LED light fitting(Efficacy)	Min 95 Lumens/watt
2	Life of LED light fitting	Not less than 50000 burning hours
3	Approved make for LED	Nichia/Cree/Osram/Philips(Lumiled)/Sharp/Seoul
4	CRI(Color Rendering Index)	Min 80 for indoor applications and min 70 for outdoor applications.
5	THD(Total Harmonic Distortion)	Less than 10%
6	Type of housing	Extruded aluminum/standard alloy housing for indoor applications. High pressure die cast aluminum / standard alloy for outdoor applications.

7	IP category	IP 20 or higher for indoor application and IP 65 or higher for outdoor applications.
8	Surge protection	Shall be provided conforming to relevant IS standards/IEC 61643-II class-2 & EN 61643-II Type - 2
9	Labeling/identification mark	Manufactures Name/Logo engraved/ Embossed on housing/body or Name/Logo on aluminum plate Labels or Name/Logo printed on housing/body
10	Warranty period	5 years warranty from actual date of completion of work on complete luminaire including driver/control gear, LED, all accessories etc.
11	Power factor	Equal to 0.95 or more
12	Total power consumption of fitting	Not more than 110% of rated capacity of LED light.

An under taking is to be submitted from fitting manufacturer regarding confirmation about use of said make LED's in their fittings.

5.4 SPECIFICATION FOR 1.5 TON SPLIT AC UNIT

Sr. no.	Technical parameter	Recommended requirement
1.	Capacity	1.5 TR (nominal)
2.	Star rating (BEE star)	5 Star
3.	Type	Split
4.	Rated Power Supply	230 V/50 Hz/1 ph
5.	Mounting arrangement (indoor unit)	Wall mounted
6.	Mounting arrangement (Outdoor unit)	Floor/wall/roof mounted
7.	Accessories	Remote control (Cordless) and other accessories like refrigerant piping, drain pipe, cable as per OEM standard