

- F. Outdoor lighting system shall be fed MCC and shall be controlled through photo electric sensor backed up by timer.

#### **1.3.33.7 Luminaries**

Type A 2 x 58 W, damp and wet resistant fluorescent fittings, body manufactured from fibreglass reinforced flame retarding polyester and equipped with a non-discolouring acrylic diffuser. Safety code IP 65.

Type A1 as type A but explosion proof

Type A2 as type A with built-in, self contained, non maintained battery and charger, emergency unit for illumination during power failure.

Type A3 mirror lighting fixture 18 watts, with polycarbonate diffuser IP class 65

Type D: Totally enclosed ceiling mounted corrosion resistant fixture, IP 65 suitable for 100 W G.L.S. lamp or with fluorescent lamp with suitable wattage with opal polycarbonate diffuser.

Type F: 2 x 24 W self-contained portable emergency light fixture, IP 54, with carrying handle, providing illumination continuously for 3 hours, complete with 2 adjustable flood lights mounted on top of the unit, 12V sealed Nickel cadmium long life type battery, fully automatic charger supplying a constant voltage, fuse protection, switches, status indicator, wall mounted brackets. The units shall be connected to a circuit separated from the other lighting or small power supply.

Type H: Flood light with 250 W metal halide lamp, IP 65, GRP body and hinged front frame, anodized aluminium reflector, heat resistant clear glass, front cover, integral control gear including P.F correction capacitor, and fixing accessories for single / multiple adjustable mounting on poles.

Type I: Surface mounted self-contained, non-maintained emergency light, IP 54 with 2 x 8 W fluorescent tube, polycarbonate diffuser, battery and charger

Type J: Emergency light a "I" but with "exit" sign

#### **1.3.33.8 Light Poles**

- A. The light pole shall be hot dipped galvanized steel. The cut-out shall be of sheet steel, rust proofed, suitably dimensioned to allow mounting in the lower compartment of the pole. The cut-out shall be suitable for termination of the two