

Table 6.2: Specifications of Central Battery Emergency Lighting

ITEMS	REQUIREMENTS
5. CONTROL FEATURES	<p>6. INTERFACE</p> <p>i. Central Battery System shall be interfaced with Building Monitoring System, computers and the Fire Alarm control unit.</p>
6. LUMINAIRE	<p>i. Central battery emergency lighting luminaires shall be listed and approved for the purpose.</p> <p>ii. Convertible light fittings shall not be permitted, unless approved and listed with test certification.</p> <p>iii. All emergency lighting luminaires (fixtures) shall be dedicated, marked with the maximum lamp wattage or electrical rating, manufacturer's name, trade-mark, or other suitable means of identification.</p>
7. EXIT SIGNS	<p>i. Where Exit signs are internally illuminated with central battery emergency lighting system (maintained type), the exit sign designs and specifications shall comply with Chapter 5. Exit Signs.</p>
8. WIRING	<p>i. Wiring of all the central battery system shall be 2 hour fire rated, throughout. Wiring shall be permitted to be wired in the same raceway of Emergency Systems but shall be totally independent of all other wiring and equipment.</p>
9. CROSS ZONING	<p>i. Central battery luminaires shall be fed by minimum of two circuits in each zone of coverage.</p> <p>ii. Each area shall be covered by central battery luminaire in cross zoned arrangement, overlapping each area by luminaires from two different circuits.</p>
10. FIRE PROTECTION	<p>i. Central Battery Room shall be protected with Automatic Clean Agent System as per Chapter 9. Fire Protection Systems.</p>

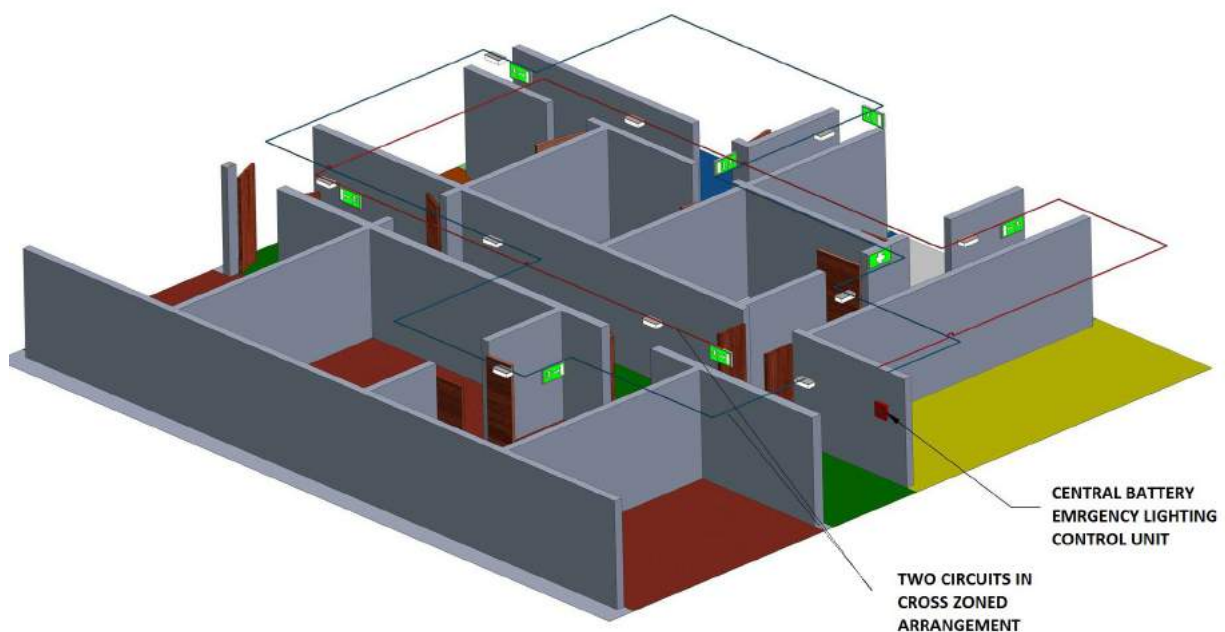


Figure 6.5: Typical Central Battery Emergency Lighting