

Table 6.1: General Requirements of Emergency Lighting

ITEMS	REQUIREMENTS
4. DISTRIBUTION OF LUMINARIES	<ul style="list-style-type: none"> i. 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. ii. Distribution of emergency luminaires shall be based on authenticated luminaire spacing tables from manufacturer or shall be calculated from manufacturer's listed software calculating the spacing based on photometric tests. iii. Consultant shall furnish the calculations and lux distribution printouts from manufacturer's software and design approaches. iv. As a minimum guideline, the spacing of the emergency lighting luminaires in exit routes, exit corridors, escape routes, exit stairs, exit access corridors, where required minimum lux is 1.1 lux at any point at floor level along the egress path, shall not be less than that required by Table 6.1.a. v. As a minimum guideline, the spacing of the emergency lighting luminaires in open areas, where the lux level at any point at floor level is permitted to be declined to 0.5 lux, shall not be less than that required by Table 6.1.b. vi. However, these guidelines are for reference only. actual spacing shall be from manufacturer's tested and authorized spacing tables. Consultant shall clearly mention "H, D1, D2, D3, D4, D5" distances in the design drawings for approval with manufacturer's table and software calculation for justifications.

Table 6.1.a.: Spacing of Emergency Lighting Luminaires at Exit routes and Corridors (1.1 lux)

MOUNTING HEIGHT H	TRANSVERSE TO WALL D1	TRANSVERSE TO TRANSVERSE D2	AXIAL TO WALL D3	AXIAL TO AXIAL D4	TRANSVERSE TO AXIAL D5
1. 2.5 m	2.7 m	7.2 m	1.5 m	4.6 m	3.65 m
2. 3 m	2.5 m	7.3 m	1.6 m	4.7 m	3.6 m
3. 4 m	2.1 m	7.5 m	1.7 m	4.8 m	3.45 m
4. 6 m	2 m	5.3 m	1.8 m	3.7 m	3.3 m

Table 6.1.b.: Spacing of Emergency Lighting Luminaires at Open Spaces (0.5 lux)

MOUNTING HEIGHT H	TRANSVERSE TO WALL D1	TRANSVERSE TO TRANSVERSE D2	AXIAL TO WALL D3	AXIAL TO AXIAL D4	TRANSVERSE TO AXIAL D5
1. 2.5 m	2.5 m	8.5 m	2.3 m	7.4 m	4.95 m
2. 3 m	2.5 m	9 m	1.6 m	8 m	6.25 m
3. 4 m	2.6 m	9.8 m	2.3 m	8.6 m	3.6 m
4. 6 m	2.4 m	10.3 m	1.6 m	9.5 m	3 m

