

How Many Fittings Required?

We have put together a table of how many fittings would be required in different size rooms so as to meet at least 300lx average. The first figure is the required amount of fittings followed by the average lux produced on a plane 750mm from the floor when installed in a ceiling 2.4m high. These figures can only be used as a guide as a lot of different factors can change the levels, i.e. different coloured surfaces, surface textures, windows, etc. These calculations are based on total reflectivity of 20% - Floor, 70% - Ceiling and 50% - Walls.

	2m	3m	4m	5m	6m	7m	8m	9m	10m
2m	2-537lx 1-493lx	2-365lx	3-434lx	3-357lx	3-306lx	4-345lx	4-310lx	5-319lx	6-347lx
3m	1-395lx	2-337lx 2-578lx	4-496lx	4-418lx	4-362lx	6-453lx	6-403lx	6-371lx	8-437lx
4m	2-599lx	2-479lx	4-393lx 2-393lx	6-479lx	6-409lx	6-359lx	8-417lx	8-359lx	8-326lx
5m	2-502lx	2-405lx	2-331lx	6-414lx 4-520lx	6-342lx	9-448lx	9-400lx	9-356lx	12-422lx
6m	2-434lx	2-348lx	3-420lx	4-451lx	9-433lx 4-391lx	9-380lx	9-338lx	12-386lx	12-350lx
7m	2-380lx	3-448lx	4-468lx	4-379lx	4-344lx	9-330lx 6-443lx	12-374lx	12-338lx	16-412lx
8m	3-497lx	3-399lx	4-416lx	4-354lx	6-449lx	6-395lx	12-347lx 6-353lx	16-399lx	16-361lx
9m	3-427lx	3-349lx	4-365lx	6-462lx	6-401lx	6-353lx	8-414lx	16-358lx 9-418lx	16-324lx
10m	3-385lx	3-317lx	4-334lx	6-417lx	6-366lx	9-472lx	9-423lx	9-382lx	20-368lx 9-348lx



LTSP50 - 595mm x 595mm 6000k 50W Slim LED Panel



4x 18w Switch Start 595mm x 595mm Recessed Modular with 6500k Tubes