

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 1-441lx	2-365lx	3-434lx	3-357lx	3-306lx	4-345lx	4-310lx	5-319lx	6-347lx
	2-618lx								
3m	2-618lx	2-337lx 2-506lx	4-496lx	4-418lx	4-362lx	6-453lx	6-403lx	6-371lx	8-437lx
		2-504lx							
4m	2-504lx	2-413lx	4-393lx 4-589lx	6-479lx	6-409lx	6-359lx	8-417lx	8-359lx	8-326lx
			6-414lx 4-422lx						
6m	2-367lx	4-527lx	4-432lx	4-366lx	9-433lx 6-459lx	9-379lx	9-338lx	12-386lx	12-350lx
					3-462lx				
7m	3-462lx	4-465lx	4-381lx	6-465lx	6-403lx	9-330lx 6-355lx	12-384lx	12-338lx	16-412lx
						3-412lx			
8m	3-412lx	4-417lx	6-489lx	6-414lx	6-359lx	9-458lx	12-347lx 9-408lx	16-399lx	16-361lx
							3-366lx		
9m	3-366lx	6-532lx	6-441lx	6-373lx	9-469lx	9-413lx	9-369lx	16-358lx 12-437lx	16-324lx
							4-432lx		
10m	4-432lx	6-483lx	6-401lx	8-445lx	9-427lx	9-376lx	12-441lx	12-398lx	20-368lx 12-363lx
									6-483lx



595mm x 595mm 6000k LED Panel

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