

Table 21.4 Typical luminaire maintenance factors (LMF) for a range of luminaires, and a range of cleaning intervals, in clean environments

Luminaire type	Time between luminaire cleaning (years)					
	0.5	1.0	1.5	2.0	2.5	3.0
Bare lamp batten	0.95	0.93	0.91	0.89	0.87	0.85
Open top reflector (ventilated)	0.95	0.90	0.87	0.84	0.82	0.79
Closed top reflector (unventilated)	0.93	0.89	0.84	0.80	0.77	0.74
Enclosed (IP2X)	0.92	0.88	0.85	0.83	0.81	0.79
Dustproof (IP5X)	0.96	0.94	0.92	0.91	0.90	0.90
Indirect uplighter	0.92	0.86	0.81	0.77	0.73	0.70

Table 21.5 Typical luminaire maintenance factors (LMF) for a range of luminaires, and a range of cleaning intervals, in normal environments

Luminaire type	Time between luminaire cleaning (years)					
	0.5	1.0	1.5	2.0	2.5	3.0
Bare lamp batten	0.92	0.89	0.87	0.84	0.82	0.79
Open top reflector (ventilated)	0.91	0.86	0.83	0.80	0.76	0.74
Closed top reflector (unventilated)	0.89	0.81	0.74	0.69	0.64	0.61
Enclosed (IP2X)	0.87	0.82	0.79	0.77	0.75	0.73
Dustproof (IP5X)	0.93	0.90	0.88	0.86	0.85	0.84
Indirect uplighter	0.89	0.81	0.73	0.66	0.60	0.55

Table 21.6 Typical luminaire maintenance factors (LMF) for a range of luminaires, and a range of cleaning intervals, in dirty environments

Luminaire type	Time between luminaire cleaning (years)					
	0.5	1.0	1.5	2.0	2.5	3.0
Bare lamp batten	0.88	0.83	0.80	0.78	0.75	0.73
Open top reflector (ventilated)	0.88	0.83	0.79	0.75	0.71	0.68
Closed top reflector (unventilated)	0.83	0.72	0.64	0.59	0.54	0.52
Enclosed (IP2X)	0.83	0.77	0.73	0.71	0.68	0.65
Dustproof (IP5X)	0.91	0.86	0.83	0.81	0.80	0.79
Indirect uplighter	0.85	0.74	0.65	0.57	0.51	0.45