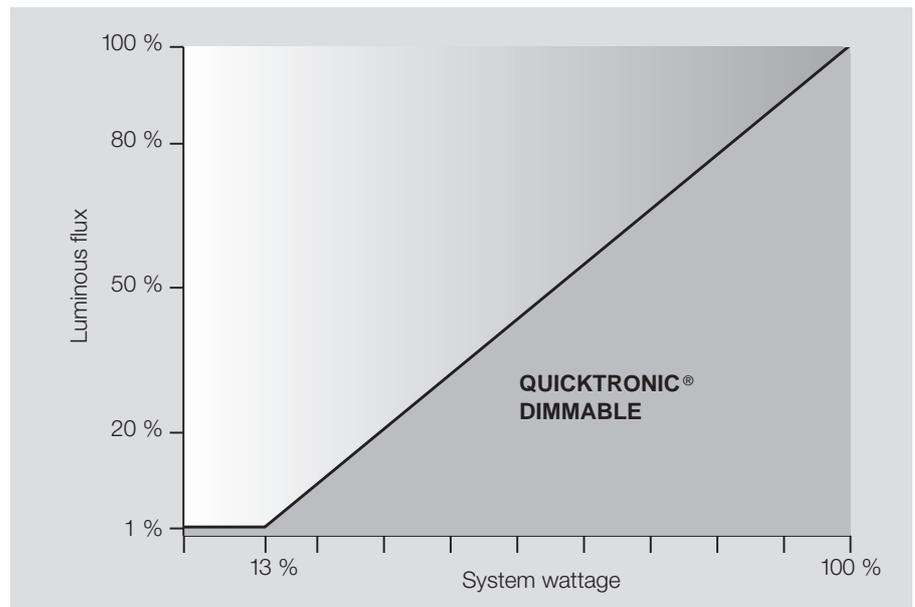


Emphasis on energy saving

- Offices and factories in which energy savings are to be made from daylight-dependent lighting control. A light sensor detects the illuminance at the workplace and controls the ECG to produce a predefined output. Close to windows, illuminance is maintained at a constant level within the dimming range of the ECG irrespective of the amount of available daylight – whether it is sunny or cloudy. Energy requirements are reduced to a minimum. With regulated lighting systems, allowance can also be made for loss of luminous flux as lamps age or fail and as the lamps and luminaire covers get dirty.
- If a daylight-dependent lighting control system is combined with a passive detector which switches on the lighting system only if there is someone present, there is even greater scope for energy savings.

QUICKTRONIC® DIMMABLE Energy consumption as a function of luminous flux



$I_c - U_c$ curve (control current/control voltage)

