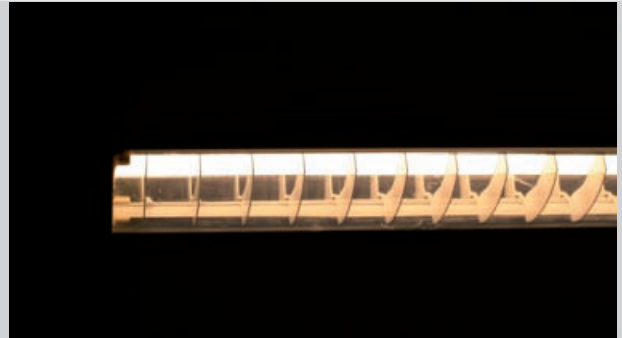


### 5.5 Louvres

If the purpose is to hide the light source and also to control the light distribution, the louvre is made from a specularly reflecting material and shaped so as to direct light downwards and hence increase the shielding angle. As a general rule, the finer the louvre and hence the more the light source is hidden, the lower will be the light output ratio of the luminaire (see Chapter D / 5.6).



*Figure 91 Source visible  
An IP-rated luminaire fitted with a louvre designed to hide the light source and control the light distribution inside the reflector system- power OFF.*



*Figure 92 Source visible  
An IP-rated luminaire fitted with a louvre designed to hide the light source and control the light distribution inside the reflector system- power ON.*



*Figure 93 Source invisible  
An IP-rated luminaire fitted with a louvre designed to hide the light source and control the light distribution inside the reflector system- power OFF.*



*Figure 94 Source invisible  
An IP-rated luminaire fitted with a louvre designed to hide the light source and control the light distribution inside the reflector system- power ON.*

**NOTE 1** Depending on the position of the viewer the luminaire will be actively glare controlled (Figure 94) or will not have any glare control (Figure 89, 91).