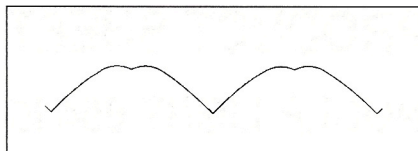
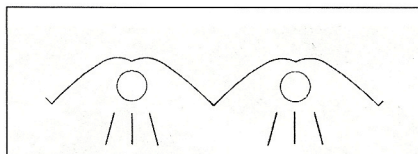


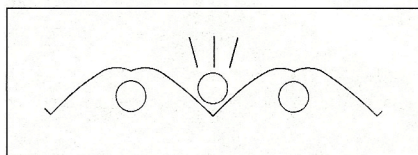
NOBLE LIGHT 654 ID



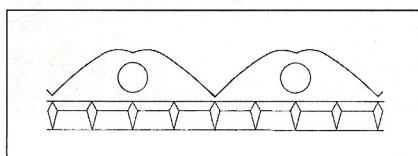
Computer-calculated reflectors - 99.99 % highly polished pure aluminium for maximum luminous efficiency.



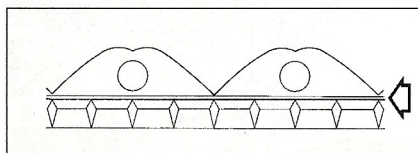
Low-energy fluorescent lamps \varnothing 16 mm. average life of more than 24,000 hours.
Excellent colour rendering Ra 93.
Maximum luminous efficiency at 35° C luminaire temperature.



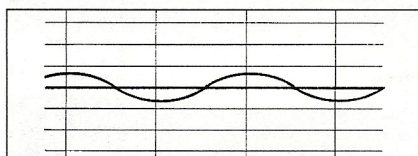
Uplight - more pleasant room experience.



The shape of the glare shield is of paramount importance. Having flat surfaces on top of the louver means light is absorbed by up to 30 %. Noble Light's glare shield provides the optimum luminous efficiency through its optical shape.



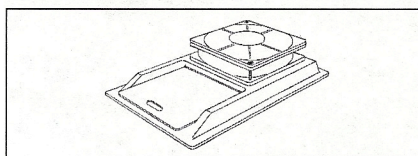
The luminaire is fitted with an IR filter to prevent heat radiating downwards.



With conventional reactors there is a risk of a stroboscopic effect (i.e. rotary instruments appear to be moving in the opposite direction). Our new electronic control system with the new 16 mm lamps produce no stroboscopic effect. The fluorescent lamps also start instantly and you get a flicker-free light, which is pleasant to the human eye.

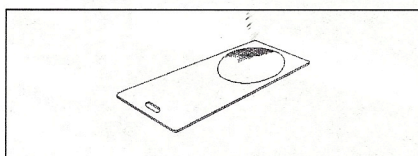


Electronically controllable (dimmable) ballasts. The light sources can be regulated from 1 to 100 % brightness. The luminaire can be dimmed with a simple operation when treatment is in progress without having to leave the room. For example, when checking x-ray images, etc.

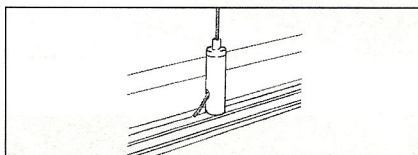


To keep down the fluorescent lamp ambient temperature the luminaire has been fitted with a fan. This maintains the temperature at around 35° C. Maximum efficiency is then obtained from the fluorescent lamps.

For enclosed luminaires without fan, the ambient temperature of the fluorescent lamps often rises to around 60-70°C, and the efficiency then decreases to around 60 %.



The luminaire is completely ventilated and works with over-pressure. This prevents dust from penetrating and having an adverse effect on the luminous efficiency. The air is cleaned through a filter that can easily be vacuumed clean or replaced.



Light weight with a new bracket for wire suspension allows for the easy installation for all ceiling heights.

Construction and Design, Jan-Åke Hallén

Dealer:



Noble Light AB

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