12. The luminaire according to any one of the preceding clauses, characterized in that the phosphor comprises a light emitting phosphor.

13. The luminaire according to any one of the preceding clauses, characterized in that the phosphor comprises a white emitting phosphor.

14. The luminaire according to any one of the preceding clauses, characterized in that the movable part is coated with the phosphor.

15. The luminaire according to any one of the preceding clauses, characterized in that the movable part is at least partly transparent and coated with the phosphor on a first side facing the stationary light source and provided with a reflective coating on a second side opposite to the first side, said reflective coating arranged for reflecting light of the stationary light source towards the phosphor.

BRIEF DESCRIPTION OF THE DRAWINGS

The figures show views of embodiments in accordance with the present invention.
FIGURE 1 shows a schematic overview of an example embodiment of the present invention.

Index of the numbers of the figures.

100 The invented luminaire
101 Stationary part
102 One or more electromagnetic coils
103 One or more Hall Effect sensors
201 Base
202 Light Emitting Diode (hereinafter referred to as LED), preferably a Royal Blue color type high power LED
203 Total Internal Reflection (hereinafter referred to as "TIR") lens
204 Cooling element
205 Control unit
301 Arm