

ABSTRACT

END CAP AND A MANUFACTURING METHOD THEREOF

An end cap includes a body and a conductive terminal formed
5 integrally with the body by injection molding. The body includes an
inner annular wall to assemble with a lamp tube, the conductive terminal
includes two electric connecting units and a pole-like conducting unit
being in the inner annular wall and containing a longitudinal through-hole.
Each electric connecting unit and the pole-like conducting unit are
10 connected together by a joining unit and each electric connecting unit is
extended out of the body from a joining unit. By inserting the end cap
terminal, electricity is conducted by contact to transmit electric energy,
forming a structure that can be assembled easily, parts thereof can be
replaced and repaired by an ordinary person, and an electric connector
15 thereof can rotate by 360 degrees to adjust an angle of irradiation.
Moreover, the end cap is formed integrally and directly to simplify the
manufacturing process.

Fig. 2