

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.1867
TO BE ANSWERED ON 28.07.2016**

ADVERSELY IMPACT ON HUMAN HEALTH BY LED

1867. DR. GOKARAJU GANGA RAJU:

**Will the Minister of POWER
be pleased to state:**

- (a) whether excessive blue light emitted by Light Emitting Diodes (LED) can adversely impact human health, if so, the details thereof along with the steps taken by the Government; and
- (b) whether it has any impact on Government's promotional scheme on LED light, if so, the details thereof?

A N S W E R

**THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL, NEW & RENEWABLE ENERGY AND MINES**

(SHRI PIYUSH GOYAL)

(a) & (b): The LED bulbs are provided with necessary safety features like phosphorous coating along with optical diffusers, minimizing the harmful effect of blue light. Further, the Bureau of Indian Standards (BIS) specification IS:16108 includes photo biological standards, which ensure that LED bulbs conforming to it will have no harmful effect on the human eyes. LED bulbs distributed under 'Unnat Jyoti by Affordable LEDs for All (UJALA) programme, which is being implemented by Energy Efficiency Services Limited (EESL), a joint venture company of four Power Sector PSUs, conform to this BIS specification. This issue has no impact on Government's promotional scheme on LED lights.
