

## GALLERY THAT'LL BRIGHTEN YOUR SCREEN



Adding an element of interaction, the lamp has an LCD that introduces itself when the user is close enough, followed by a display of date and time.



This is what 'A Light In Shining Armour' looks like, with a flap which opens to the LCD screen and an ultrasonic sensor.



Now that its flap is open, it is ready to be used.



The upper half of the lamp consists of the main, bigger lamp, which is switched on by a direct AC source.



It performs the typical bulb-lamp feature, emitting an extremely bright light in the dark.



In addition to the light of the bulb, there are also LED lights of it that light up as a person comes close to the lamp- another feature of the ultrasonic sensors, apart from the LCD screen.



Finally, when we're done using the lamp, we can make the flap go back again via the DC motor controlling it. And that's how 'A Light In Shining Armour' bids us farewell!