

## Human Centric Lighting

**The workplace design is undergoing a radical change with organizations looking at creating spaces which enhance employee well-being and user experience through smart lighting solutions, writes Anuj Dhir, Vice-President & Business Head, Wipro Lighting**

**W**orkplaces are becoming agile and smarter. Personalized User Control, Actionable Insights into Space

Optimization, way finding, hot desking, meeting room bookings are some of the outcomes being looked at. In addition to this, modulation of color of light - impacting circadian rhythm and wellness of employees is gaining popularity. The WELL Building Standard™ (WELL) provides guidelines that minimize disruption to the body's circadian system, enhance productivity, support good sleep quality, and provide appropriate visual acuity.

With the emergence of IoT and Big Data, Smart and Connected digital lighting based solutions like Power over Ethernet (PoE) and wireless Bluetooth Technology (BLE) are the way forward as they will bring in intelligence and functionality into lighting systems, enhance user experience and deliver desired outcomes to the customers. PoE based solutions are enabling users to control lighting through connected devices such as smart phones, tablets etc. This upcoming technology is helping to enhance employee comfort, productivity and safety through personalized control of workspaces; it also enables performance tracking due to real-time updates on lighting system status.



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**Anuj Dhir, Vice-President & Business Head, Wipro Lighting**

Wipro Lighting's inSync® - a human centric lighting solution – is intended to improve concentration, safety and efficiency in workplaces and educational environments. By changing the color of light and/or intensity of light, it provides bio-dynamic light based on human circadian rhythm for increase employee concentration, cognitive performance, alertness, and general well-being. Internet of Lighting (IoL)® is our step towards offering our customers best in class solutions in lighting & beyond. It is a platform on which lighting and technology confluence.