# WELL BUILDING STANDARD v2

BIOS lighting provides industry-leading LED solutions that gives designers the tools they need, contributing toward satisfying Circadian Lighting Design Feature 54 under the WELL Building Standard v1 and Feature L03 under the WELL Building Standard v2.

BIOS SkyBlue® circadian lighting technology outperforms all traditional white LEDs on the market, and offers the highest melanopic to photopic lux ratio (m/p ratio) for a given color temperature. BIOS lighting solutions also meet other features within the WELL Light Concept, including color quality, offering 83+ CRI and ultra high R9 values at 85+, and visual comfort metrics - It's circadian lighting without compromise!

| | **Feature L03**<br>Circadian Lighting Design | **Feature L04**<br>Glare Control | **Feature L07**<br>Electric Light Quality |
|---|---|---|---|
| BIOS® SkyBlue® LED |  |  |  |
| | **Maintain Lighting Design Intent**<br>BIOS provides the highest m/p ratio for a given CCT making it the most effective technology to help meet the EML vertical light requirements. | **Visually Comfortable / Energy Efficient**<br>With a higher m/p ratio, fewer fixtures are needed to illuminate the space, naturally minimizing the amount of glare. | **Desirable CCT / Great Color Quality**<br>BIOS provides a CRI 85+ with an ultra high R9 >50 for **all** color temperatures. |
| Traditional White LED |  |  |  |
| | **Increase Fixture Quantity**<br>More light fixtures are required to achieve higher light levels on vertical surfaces, increasing the energy use and lighting power density within the space. | **Increase Glare / Increase Energy**<br>Higher output fixtures are needed within the space in order to meet EML targets which increases the energy use in the space as well as the likelihood of glare and visual discomfort. | **Increase CCT / Decrease Color Quality**<br>Higher CCTs (5000K, 6500K) are required to achieve the target EML values but do not meet the R9 requirements. |