



Healthē[®] Space Cylinder

Sanitization Downlight

Continuous air and surface sanitization, automatically.

The Healthē Space Cylinder provides passive and ongoing sanitization of air and surfaces for occupied spaces, in addition to comfortable illumination. Available in pendant and surface mount configurations, the Cylinder is equipped with a Far-UVC source, delivering 222 nanometer light to inactivate microbes. Scientific data supports the germicidal efficacy and human safety of the novel Far-UVC (222nm) technology, including independent research backed by many peer-reviewed papers.^{1,2,3}

Multiple modes of operation for both the Far-UVC source and visible light work in concert with an integral motion sensor to provide sanitization, automatically. The Cylinder's visible light, offered in 3000K and 4000K, features a boost at 435nm to activate antimicrobial properties of TiO₂ found in surface coating and cleaners. The Cylinder is a powerful 2-in-1 solution, delivering continuous sanitization and general illumination to any space we work, live and play.



Applications

The discreet sanitization feature in a classic cylinder shape make the Healthē Space Cylinder suitable for multiple applications, including hotel lobbies, check-in counters and elevator vestibules, retail cash wrap counters and dressing rooms, and restaurant bars and restrooms. The matte black or matte white finish in pendant and surface mount options blend with interiors, disguising the real heavy lifting of inactivating microbes.



Specifications All data shown is nominal

UV Sanitization Source

Wavelength	222 nm
Life	>3000 hrs

Light Source

LED	Standard White with boost at 435 nm to activate antimicrobial properties of TiO ₂ coatings and cleaners
CCT	3000K, 4000K
Life to L80	>69,000 hrs

Electrical

Input Voltage	120–277 V
Power	20 W
Control	Integral PIR Motion Sensor and IR remote for initial settings
Mode	3 Sanitization Modes: Mode A (Unique Scenarios), Mode B (Far-UVC ON limited time when motion detected), Mode C (Far-UVC OFF when motion detected) <i>NOTE: When ON, Far-UVC will cycle ON/OFF</i>

Mechanical

Housing	Aluminum cylinder with matte white or matte black finish
Dimensions	4.5 x 6.25 in (Dia x H), field adjustable 96in suspension/power cable with pendant option
Installation	Direct mount to junction box

SAFETY

Studies have shown that continuous low doses of far-UVC radiation results in no harm to humans. The far-UVC light does not penetrate the top layer of the skin or the tear layer of the eye. The smaller cell structure of viruses and bacteria allow the far-UVC light to penetrate and cause damage.

CONTACT US

To learn more about the Healthē Space Cylinder and how Healthē products are harnessing the ingredients of light, please visit www.healthelighting.com, or contact us directly.

¹ Welch, D., Buonanno, M., Grijić, V. et al. Far-UVC light: A new tool to control the spread of airborne-mediated microbial diseases. *Sci Rep* 8, 2752 (2018). <https://doi.org/10.1038/s41598-018-21058-w>

² Buonanno, M., Ponnaiya, B., Welch, D. et al. Germicidal Efficacy and Mammalian Skin Safety of 222-nm UV Light; Columbia University Medical Center; 2017; <https://pubmed.ncbi.nlm.nih.gov/28225654/>

³ Manuela Buonanno, David Welch, Igor Shuryak, David J. Brenner; Far-UVC Light Efficiently and Safely Inactivates Airborne Human Coronaviruses; Columbia University Medical Center; 2020; <https://www.researchsquare.com/article/rs-25728/v1>

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