

# Healthē® Space Cylinder

HESPCY | Far-UVC | Sanitization | Pendant, Surface



## ☰ Features

- 1 Combines comfortable illumination with passive and continuous method to sanitize air and surfaces in occupied spaces
- 2 Chemical-free process utilizing Far-UVC technology effectively penetrates and inactivates air and surface microbes and is safe to use when people are present
- 3 Select from three sanitization modes that work with an integral PIR motion sensor; including Far-UVC on for 30 minutes every hour; or Far-UVC only on in unoccupied spaces
- 4 General illumination, offered in 3000K and 4000K, features a boost at 435nm to help activate the antimicrobial properties of TiO<sub>2</sub> surface coatings and cleaners
- 5 Choose from pendant or surface mount configuration, available in both white and black finish
- 6 Field serviceable Far-UVC Module recommended to be replaced after 3000hrs of operations
- 7 Assembled in USA and and Trade Act Agreement (TAA) compliant, it is a qualified solution for government projects. Certificates of origin are available upon request.

## ≡ Specifications All data shown is nominal

### UV Sanitization Source

Wavelength	222 nm
Type	FAR-UVC Emitter
Quantity	One (1)
Service Life	>3000 Hrs

### Illumination Source

LED	Standard White LEDs with a peak at 435 nm to activate antimicrobial properties of TiO <sub>2</sub> coatings and cleaners
CCT	4000K and 3000K
Lumen Output	600 Lm
CRI	>90
R9	>50
Color Chromaticity	SDCM ≤ 5
LED Lifetime to L80	>69,000 Hours

### Optical

Lens	Acrylic
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### Electrical

Input Voltage	120–277 V
Frequency	50/60 Hz
Power Consumption	20W Total (10W Far-UVC, 10W Visible Light)
Efficacy	60Lm/W (Visible Light Only)
Dimmable	Preset light levels selectable via IR remote* (100%, 75%, 50%, and 25%)
Power Factor	≥ 0.9
THD	< 20%
Control Protocol	Integral PIR motion sensor and IR remote* for initial operation mode selection
Mode of Operations	3 Sanitization Modes selectable using IR remote* (See Modes of Operation section for details) Mode A: Unique Scenarios Mode B: Far-UVC ON preset time when motion detected Mode C: Far-UVC OFF when motion detected

### Mechanical

Housing	Aluminum Cylinder
Finish	Matte White or Matte Black
Dimensions	4.5 × 6.25 in (Dia × H), field adjustable 96in suspension/power cable for pendant option
Weight	2 lbs
Mounting	Direct mount to junction box

### Certifications & Warranty

Regulatory	In Process
Warranty	6 Month Limited



**Made in the USA**



**6 Month Limited Warranty**

*\* IR remote required and sold separately. (1) remote can control an unlimited number of Downlights and recommend minimum one per job/order. See Accessories Ordering for details.*

## Ordering

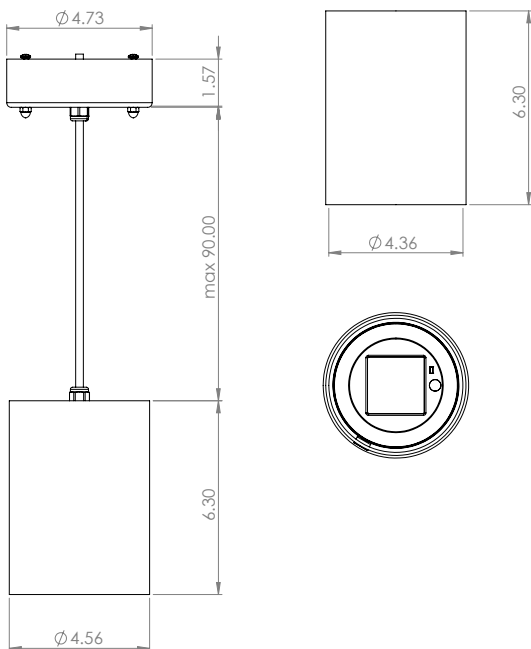
**Example:** HESPCY P FUV 40 MVO WH, HESPCY S FUV 30 MVO BK

Model	Mount	Sanitization
HESPCY Healthe Space Cylinder	P Pendant S Surface Mount	FUV Far-UVC
CCT	Voltage	Color
30 3000K 40 4000K	MVO 120–277V	WH White BK Black

## Accessories Ordering

Part Number	Description
ACC-09001	Healthe IR Remote—Remote required and sold separately. (1) remote can control an unlimited number of Cylinders and recommended minimum one per job/order.

## Dimensions



 Alternate Images



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Specifications subject to  
change without notice.

Cylinder\_SpecSheet\_I00620



Healthē<sup>®</sup> has found a way to *bring UVC 222 down to Earth* and into your life.

222 is a frequency of light that inactivates up to

**99.9%\***

of viruses and bacteria including coronaviruses

\*Dependent on UVC exposure time and proximity to light

Healthē<sup>®</sup> solutions are



Instant







Chemical-free



Continuous

UVC 222 is safe for occupied indoor space

Comparison to traditional UVC solutions

	 <b>healthē</b> UVC 222NM	Others UVC 254NM
 Effective on viruses <sup>1</sup>	✓	✓
 Cannot penetrate skin and eyes <sup>2</sup>	✓	✗
 Safe for occupied spaces <sup>3</sup>	✓	✗

<sup>1</sup> Both Far-UVC 222 light and Traditional-UVC light can penetrate and inactivate airborne influenza and viruses, including coronaviruses. <sup>2</sup> Studies have demonstrated that Far-UVC 222 light cannot penetrate the outer layer of human skin or the tear layer of the eye and can be an effective tool in reducing the spread of airborne microbial diseases; Direct exposure to traditional UVC light is a health hazard to human skin and eyes. <sup>3</sup> Far-UVC 222 lamps can sanitize occupied indoor spaces and greatly reduce the level of airborne coronaviruses; Traditional UVC lamps are only safe to use in unoccupied indoor spaces.