

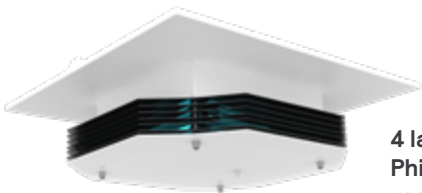


Germicidal UV luminaires and solutions

We are living in unprecedented times. In the face of a global pandemic, Alkco germicidal UV luminaires utilize Signify UV-C technology to offer a layer of disinfection against bacteria, viruses, and fungal spores. Air disinfection can play an important role in a broad range of applications including education institutions (schools), offices, hospitality (restaurants/hotels), retail and other public spaces.

Alkco Germicidal UV

U2C 2x2 Grid Ceiling Mount Luminaire



4 lamp PL-S
Philips TUV
U2C409-UNV-1/4-EB

Germicidal UV 2x2 Grid Ceiling Mount

- Available 2x2 Grid ceiling mount housing
- 4 lamp 9W PL-S Philips TUV (lamps shipped separately)
- White or black polyester powder coated steel housing
- Mounting height of 9' to ceiling
- **Applications:** Offices, Education, Retail

2x2 Ceiling Mount

General Design Guidelines*

- Minimum 9' Ceiling Height
- Minimum 12' distance between fixtures
- Minimum 6' distance between fixture and wall
- Estimate of minimum 250sqft area of disinfection per fixture

* For specific application design support, please contact Signify directly. Above estimates are based on a UV-C radiation ceiling reflectance of 15% and 8 hour maximum exposure time. If ceiling reflectance is above 15%, please contact Signify for application design support. A list of common ceiling finish reflectances can be found in the Appendix section of the Commission Guidelines.

Contaminant Removal Efficiency**

Room Size Examples	Dimensions (WxL)	Fixture Qty	Log1: 90%	Log2: 99%	Log3: 99.9%
Small Room	16'x16'	1	46 min	92 min	138 min
Medium Room	24'x24'	2	41 min	82 min	122 min
Large Room	40'x52'	8	25 min	50 min	75 min

** Adapted from CDC (1994). Guidelines for preventing the transmission of Mycobacterium tuberculosis in health care facilities.



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