

Wall Mount Cylinder with Care222® UV Technology

6"

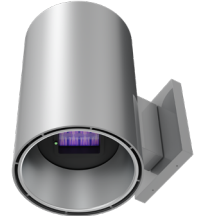
Feature Set

- Visible light integrated with filtered far-UVC 222nm light module in Hybrid and UV-only solutions
- Visible Light only companion option available
- Bounding Ray™ optical design
- 65° cutoff to source and source image
- 2.5 MacAdam Ellipse; 80 CRI typical, 90+ CRI optional
- Medium Wide 1.0 S:MH distribution standard
- Fixtures are damp location listed
- 20 standard colors in textured and gloss finish; custom or RAL colors also available
- Field configurable surface junction box conduit covers available
- Available with 10% dimming, 1% dimming, or dim to dark

Distribution



EV06WC UV222HL



EV06WC UV222



EV06WC UV222VL

Coordinated Apertures | Multiple Layers of Light



EV06PC Stem Mount Cylinder with Care222

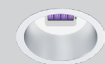


EV06SC Surface Mount Cylinder with Care222



EV06WC Wall Mount Cylinder with Care222

Gotham Care222



Downlight
New Construction



Downlight
6" Remodel



Downlight
7" Remodel



Cylinder
Wall Mount



Cylinder
Pendant Mount



Cylinder
Surface Mount

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control capability with simple commissioning when used with Acuity Brands controls products.

All configurations of this luminaire are calibrated and tested to meet the Acuity Brands' specification for chromatic consistency – including color rendering, color fidelity and color temperature tolerance around standard CIE chromaticity coordinates.

To learn more about A+, visit www.acuitybrands.com/aplus.

Luminaire Type:

Catalog Number:

EXAMPLE: EV06WC UV222H D108 35/15 AR MWD LSS MVOLT EZ1 JBX DN DWHG

Series	Wavelength ¹	Programming Option ²	Color Temperature ³	Lumens ³	Reflector Color
EV06WC EVO 6In. Wall Mount Round Cylinder Open Downlight	UV222H Visible light integrated with 222nm UV module	D108 Dose Level for 108 inch (min) to 113.9 inch (max) Height from Floor to Module Face	27/ 2700 K	05 500 lumens	AR Clear
	UV222 ⁴ 222nm UV module only (no visible light)	D114 Dose Level for 114 inch (min) to 119.9 inch (max) Height from Floor to Module Face	30/ 3000 K	10 1000 lumens	
	UV222VL Visible light downlight (companion fixture - no UV module)	D120 Dose Level for 120 inch (min) to 125.9 inch (max) Height from Floor to Module Face	35/ 3500 K	15 1500 lumens	
		D126 Dose Level for 126 inch (min) to 131.9 inch (max) Height from Floor to Module Face	40/ 4000 K	20 2000 lumens	
		D132 Dose Level for 132 inch (min) or Greater Height from Floor to Module Face			

Reflector Finish	Voltage	Driver ¹	Mounting	Fixture Orientation
LSS Semi-specular	MVOLT 120V - 277V	GZ10 0-10V driver dims to 10%	JBX Integral driver, Recessed or Surface J-box JBXCC Integral driver, Surface J-box with Conduit Covers	DN Mounted with reflector pointing down
LD Matte diffuse	120 120V	GZ1 0-10V driver dims to 1%		
LS Specular	277 277V	EZ10 eldoLED® 0-10V ECOdrive. Linear dimming to 10% min.		
		EZ1 eldoLED® 0-10V ECOdrive. Linear dimming to 1% min.		
		EZB eldoLED® 0-10V SOLOdrive. Logarithmic dimming to <1%.		
		EDAB ⁴ eldoLED® SOLOdrive DALI. Logarithmic dimming to <1%.		

Control Interface ¹	Options	Architectural Colors - Powder Paint ⁷	
(blank) No controls	(blank) No options	DDB Gloss Dark Bronze	DDBT Textured Dark Bronze
NLT ⁵ nLight® dimming pack. Specify 120V or 277V.	90CRI ⁶ High CRI (90+)	DBL Matte Black	DBLB Textured Black
NLTAIR2 ⁵ nLight® dimming pack for fixtures on emergency circuit. Specify 120V or 277V.		DWH Gloss White	DWHG Textured White
		DMB Matte Medium Bronze	DBNH Textured Bronze
		DNA Gloss Natural Aluminum	DNAT Textured Natural Aluminum
		DSS Gloss Sandstone	DSST Textured Sandstone
		DGC Gloss Charcoal Grey	DSPD Textured Dark Grey
		DTG Gloss Tennis Green	DSPE Textured Green
		DBR Gloss Bright Red	DSPH Textured Light Red
		DSB Gloss Steel Blue	DWHAMF Gloss White with Anti-microbial finish**

(See ** on Page 3)

Programming Option Table		
Programming Option	Mounting Height to Module Face	Mounting Height to Fixture Aperture
D108	Minimum 9' AFF to 9' 5" AFF	Minimum 8' 9" AFF to 9' 2" AFF
D114	Minimum 9' 6" AFF to 9'-11" AFF	Minimum 9' 3" AFF to 9'-8" AFF
D120	Minimum 10' AFF to 10' 5" AFF	Minimum 9'-9" AFF to 10'-2" AFF
D126	Minimum 10'-6" AFF to 10'-11" AFF	Minimum 10'-3" AFF to 10'-8" AFF
D132	Minimum 11' AFF and above	Minimum 10'-9" AFF and above

AFF: Above Finished Floor

ACCESSORIES — order as separate catalog numbers (shipped separately)	
GCOLORS KIT	Architectural colors chip kit, consisting of powder-coat and plated finishes

ORDERING NOTES	
1. Visible light of UV222H & UV222VL versions only suitable for dimming. See Tech-240 for list of compatible dimmers. Not applicable for UV222 module.	5. Modules must be field installed in a remote location with access for servicing. Not available for the UV222 only option.
2. Not for use with UV222VL Visible Light only version.	6. Not available for UV222 module only version.
3. Color Temperature/Nominal Lumen Values available for UV222H & UV222VL versions only.	7. For details on RAL and Custom colors please see Architectural colors .
4. Not available with nLight® options.	

UV Disinfection*, **

Care222® UV disinfection technology inactivates pathogens¹ by utilizing 222nm wavelengths to disrupt the DNA and RNA genetic material in the pathogen which prevents it from reproducing.

Care222 technology operates continually and meets exposure guidelines for occupied space established by the American Conference of Governmental Industrial Hygienists (ACGIH®)². Occupants can be present in the space, during treatment, when installed and used in accordance with written instructions.

UV Lamp Module Source

Care222 mercury-free far-UVC excimer lamp. Emits a soft violet glow from 1.75" x 2.38" [44.5mm x 60.3mm] opening when powered.

UV Filter

Patented short pass filter for narrow band 222nm emission that removes longer wavelengths that can penetrate the living tissue in skin or beyond the top layer of the cornea in the eyes.

UV Wavelength

Emitted Wavelength Range is 200nm ~ 230nm with Peak Wavelength at 222nm far-UVC.

UV Lamp Module Run Time

Requires no external controls or startup commissioning. UV lamp module will operate on 12-minute cycles for a duration of between 10 and 50 seconds each cycle. The duration will depend on the specific dose chosen to meet the application design requirements.

UV lamp rated for 3000 hours (approximately 5 years of life based on activated hours).³

Optical Assembly

Optical design is a Bounding Ray™ design with 65° cutoff to source and source image. Top down flash characteristic for superior glare control.

Medium Wide 1.0 S:MH distribution standard.

Electrical

The luminaire operates from a 50 or 60 Hz ±3 Hz AC line over a voltage ranging from 120 VAC to 277 VAC. Support 347V via remote-mounted stepdown transformer.

Power factor > 0.9%.

Requires unswitched leg for UVC module. Single circuit; not intended for use with wall switches. Connect to an unswitched circuit intended for 24/7/365 continuous operation.

Controls

Luminaire can be equipped with interface for nLight® wired or nLight AIR® networks with integral power supply.

nLight® modules are not integral to the fixture, and are shipped as remote add-ons.

Dimming

The luminaire is capable of continuous dimming without perceivable stroboscopic flicker as measured by flicker index (ANSI/IES RP-16-10) over a range of 100 – 10%, 100 – 1.0% or 100 – 0.1% of rated lumen output with a smooth shut off function to step to 0%.

eldoLED® LED drivers perform within the recommended operating areas for flicker as a function of frequency and modulation (%) outlined in IEEE Standard 1789-2015 (IEEE Recommended Practices for Modulating Current in High-Brightness LEDs for Mitigating Health Risks to Viewers), in typical operating conditions at representative dimming levels.

Driver is inaudible in 24dB environment, and stable when input voltage conditions fluctuate over what is typically experienced in a commercial environment.

Construction

Heavy-gauge aluminum construction.

Extruded body with flangeless reflector allows flow-through passive thermal management.

Surface ceiling mount for direct installation to 4" recessed or surface octagonal junction box.

Optional field configurable conduit covers available. Conduit covers match cylinder in finish and diameter.

Wall mount can be oriented in up or down position.

Listings

UL listed and certified to meet US standards for LED luminaires and germicidal equipment for use in occupied spaces.

Meets California ozone emissions limits. California Air Resources Board (CARB) certified. Damp location listed.

Disclaimer

*All references to "disinfection" are referring generally to bioburden reduction and are not intended to refer to any specific definition of the term as may be used for other purposes by the U.S. Food and Drug Administration or the U.S. Environmental Protection Agency. Bioburden reduction is a function of fixture run time and the distance to the UV light source, airflow, room size, shadow areas and/or other factors, and the level of reduction will vary within a specific space. These fixtures are not intended for use in the cure, mitigation or prevention of disease and are not certified or approved for use as or for the disinfection of medical devices by the FDA. It is the obligation of the end-user to consult with appropriately qualified Professional Engineers, a Certified Infection Control professional and a Certified Industrial Hygienist, as applicable, to determine whether these fixtures meet the applicable requirements for system performance, code compliance, safety (including safety and hazard alerting signs), suitability and effectiveness for use in a particular application design.

**Antimicrobial properties are built in to inhibit the growth of bacteria that may affect this product. The antimicrobial properties do not protect users or others against bacteria, viruses, germs or other pathogens.

For sale only in the United States of America and Mexico. Not registered as a pesticide device.

1. Reference pages 5-7 of this document under Projected Virus Inactivation and Projected Bacteria Inactivation.
2. ACGIH® 2021 TLVs® and BEIs® - Based on the Documentation of the Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices; when installed and used in accordance with written instructions.
3. Average rated life based on industry standard measurements and not a performance claim specific to any individual product.

Registration

EPA Est. No.: 97727-IN-1

Precautionary Statements

- Emitters used in this fixture are in the EXEMPT RISK GROUP for photobiological risk, as described in IEC 62471, when correctly commissioned and properly installed in accordance with written instructions.
 - See [Installation Instructions](#) for proper usage guidelines and warnings regarding risks resulting from misuse.
- See below for information about potential limited photodegradation of materials.
- This fixture may generate ozone. Each emitter in the fixture has an ozone emission maximum concentration of 0.001 ppm over an 8-hour period, as tested in accordance with UL 867. Precautions that can be taken, if needed, to ensure that ozone concentration stays within applicable permissible exposure limits are described in the [Installation Instructions](#).

Buy American Act

This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to www.acuitybrands.com/buy-american for additional information.

Photometrics

LEDs tested to LM-80 standards in an accredited lab. Measured in accordance with LM-79-08 IESNA standard. Extrapolated life calculated per IESNA TM-21-21. 70% Lumen maintenance at 60,000 hours. Color variation <2.5-step MacAdam ellipse (2.5SDCM).

Warranty

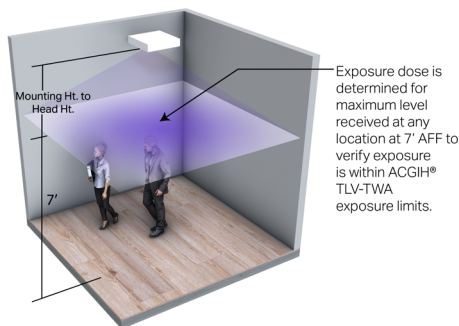
2-year limited warranty for Hybrid (H) and UV Module only versions. Complete warranty terms located under Acuity Brands UV Lighting: www.acuitybrands.com/support/warranty/terms-and-conditions. The UV Module only version is an ultraviolet (UV) based device that is not serviceable. The Hybrid (H) version contains an embedded UV based device that is not separable from the fixture and is also not serviceable. Therefore, if this fixture experiences a failure due to a defect in material or workmanship after the warranty period has expired or the fixture reaches the end of its useful life then, if continued operation is desired, a new fixture must be purchased.

5-year limited warranty for Visible Light (VL) only version. Complete warranty terms located under Acuity Brands Lighting LED Commercial Indoor: www.acuitybrands.com/support/warranty/terms-and-conditions. These are the only warranties provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed.

Note:

Actual performance may differ as a result of end user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C.

Projected UV Exposure and Exposure Limits



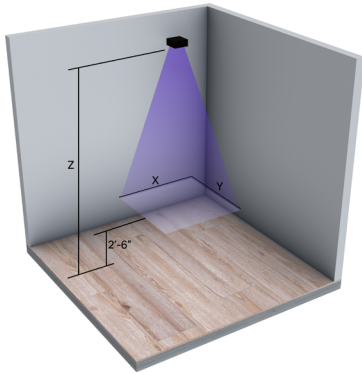
This chart illustrates mounting height configurations for the EVO6 fixture, incorporating Care222® technology, that provide a UV exposure dose within the exposure guidelines¹ established and published by the American Conference of Governmental Industrial Hygienists (ACGIH®). For the UV exposure dose to remain within the ACGIH guidelines for the level of UV exposure a typical worker can be exposed to without adverse health effects, the maximum exposure dose must not exceed 23 mJ/cm² (millijoules per square centimeter) for an 8-hour period of time. Per the UL 8802 standard, the upper limit of occupied space is defined to be a test plane 7' Above Finished Floor (AFF). This calculated maximum exposure dose represents the dose an individual would receive over an 8-hour period at 7' Above Finished Floor (AFF) even if stationary in the location of maximum dose.

The levels of exposure in the ACGIH guidelines are quantified as Threshold Limit Values (TLVs®) and are expressed as Time-Weighted Averages (TWAs). The TLVs for incoherent ultraviolet (UV) radiation are established for wavelengths between 180 and 400 nm and represent conditions under which it is believed that nearly all healthy workers may be repeatedly exposed without acute adverse health effects such as erythema and photokeratitis. ACGIH guidelines are designed for use by industrial hygienists in making decisions regarding safe levels of exposure to hazards in the workplace.

1. ACGIH® 2021 TLVs® and BEIs® - Based on the Documentation of the Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices; when installed and used in accordance with written instructions.

Distance			Maximum 8 Hr. Dose	Meets ACGIH® TLV-TWA
Mounting Height to Module Face	Mounting Height to Fixture Aperture	Mounting Height to Head Height	mJ/cm ²	<23 mJ/cm ²
9'	8'-9"	2'	22.41	Yes
9'-6"	9'-3"	2'-6"	22.78	Yes
10'	9'-9"	3'	21.77	Yes
10'-6"	10'-3"	3'-6"	21.82	Yes
11'	10'-9"	4'	20.4	Yes
12'	11'-9"	5'	12.72	Yes

Projected Virus and Bacteria Inactivation



Use this chart to estimate the effectiveness of one EVO6 fixture, mounted at various mounting heights (Z) and having different areas of coverage (X x Y), at inactivating the pathogens listed below on surfaces. The calculated average dose for each scenario is determined from Visual® lighting application software radiometric modeling¹ and is then correlated with laboratory research² to derive predicted inactivation effectiveness for specific pathogens. The analysis assumes that a horizontal plane positioned 2'-6" Above Finished Floor (AFF) is receiving the dose. For different areas of coverage or multiple fixture layouts, consult an Acuity Brands UV Lighting Specialist.

1. The results presented here are based upon a 12'x12'x15' high empty room with all surface reflectance assumed to be 5%.
2. Reference [Pathogen Inactivation Dose Reference List](#) - 222nm, 254nm & Pulsed Xenon UV Light Sources.
3. As a result of computational limitations and simplifying modeling assumptions in Visual, variations in actual product performance from tested product samples, and/or variations in field conditions from laboratory testing conditions, the accuracy of calculated output values identifying radiometric quantities and any resulting derived radiation dose predictions may be adversely affected. See complete disclaimer at [VISUAL LIGHTING DISCLAIMER](#)

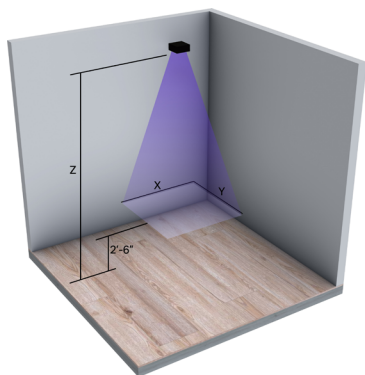
4'x4' Area (X x Y)			Calculated Average Dose ³	Surface Pathogen Inactivation ²								
Programming Option	Mounting Height to Module Face	Mounting Height to Fixture Aperture	mJ/cm ²	Feline Calicivirus			Influenza			SARS-CoV-2		
				% in 24 Hours	Hrs to 90%	Hrs to 99.9%	% in 24 Hours	Hrs to 90%	Hrs to 99.9%	% in 24 Hours	Hrs to 90%	Hrs to 99.9%
D108	9'	8'-9"	4.5 mJ/cm ² over 24 hr	80.3 %	34.1 hr	102.2 hr	99.4 %	10.7 hr	32.0 hr	>99.9 %	6.4 hr	19.2 hr
D114	9.6'	9'-3"	6.6 mJ/cm ² over 24 hr	90.8 %	23.2 hr	69.6 hr	>99.9 %	7.3 hr	21.8 hr	>99.9 %	4.4 hr	13.1 hr
D120	10'	9'-9"	8.2 mJ/cm ² over 24 hr	94.8 %	18.7 hr	56.1 hr	>99.9 %	5.9 hr	17.6 hr	>99.9 %	3.5 hr	10.5 hr
D126	10'.6"	10'-3"	10.2 mJ/cm ² over 24 hr	97.5 %	15.0 hr	45.0 hr	>99.9 %	4.7 hr	14.1 hr	>99.9 %	2.8 hr	8.5 hr
D132	11'	10'-9"	11.4 mJ/cm ² over 24 hr	98.3 %	13.5 hr	40.4 hr	>99.9 %	4.2 hr	12.7 hr	>99.9 %	2.5 hr	7.6 hr
D132	12'	11'-9"	9.3 mJ/cm ² over 24 hr	96.4 %	16.6 hr	49.7 hr	>99.9 %	5.2 hr	15.6 hr	>99.9 %	3.1 hr	9.3 hr

4'x4' Area (X x Y)			Calculated Average Dose ³	Surface Pathogen Inactivation ²								
Programming Option	Mounting Height to Module Face	Mounting Height to Fixture Aperture	mJ/cm ²	MRSA			Salmonella			E. coli		
				% in 24 Hours	Hrs to 90%	Hrs to 99.9%	% in 24 Hours	Hrs to 90%	Hrs to 99.9%	% in 24 Hours	Hrs to 90%	Hrs to 99.9%
D108	9'	8'-9"	4.5 mJ/cm ² over 24 hr	90.5 %	23.5 hr	70.5 hr	97.3 %	15.3 hr	45.8 hr	99.4 %	10.7 hr	32.0 hr
D114	9.6'	9'-3"	6.6 mJ/cm ² over 24 hr	96.8 %	16.0 hr	48.0 hr	99.5 %	10.4 hr	31.2 hr	>99.9 %	7.3 hr	21.8 hr
D120	10'	9'-9"	8.2 mJ/cm ² over 24 hr	98.6 %	12.9 hr	38.7 hr	99.9 %	8.4 hr	25.1 hr	>99.9 %	5.9 hr	17.6 hr
D126	10'.6"	10'-3"	10.2 mJ/cm ² over 24 hr	99.5 %	10.3 hr	31.0 hr	>99.9 %	6.7 hr	20.2 hr	>99.9 %	4.7 hr	14.1 hr
D132	11'	10'-9"	11.4 mJ/cm ² over 24 hr	99.7 %	9.3 hr	27.9 hr	>99.9 %	6.0 hr	18.1 hr	>99.9 %	4.2 hr	12.7 hr
D132	12'	11'-9"	9.3 mJ/cm ² over 24 hr	99.2 %	11.4 hr	34.3 hr	>99.9 %	7.4 hr	22.3 hr	>99.9 %	5.2 hr	15.6 hr

6'x6' Area (X x Y)			Calculated Average Dose ³	Surface Pathogen Inactivation ²								
Programming Option	Mounting Height to Module Face	Mounting Height to Fixture Aperture	mJ/cm ²	Feline Calicivirus			Influenza			SARS-CoV-2		
				% in 24 Hours	Hrs to 90%	Hrs to 99.9%	% in 24 Hours	Hrs to 90%	Hrs to 99.9%	% in 24 Hours	Hrs to 90%	Hrs to 99.9%
D108	9'	8'-9"	3.5 mJ/cm ² over 24 hr	71.4 %	44.2 hr	132.5 hr	98.2 %	13.8 hr	41.5 hr	99.9 %	8.3 hr	24.9 hr
D114	9.6'	9'-3"	5.3 mJ/cm ² over 24 hr	85.2 %	28.9 hr	86.8 hr	99.8 %	9.1 hr	27.2 hr	>99.9 %	5.4 hr	16.3 hr
D120	10'	9'-9"	6.8 mJ/cm ² over 24 hr	91.4 %	22.6 hr	67.7 hr	>99.9 %	7.1 hr	21.2 hr	>99.9 %	4.2 hr	12.7 hr
D126	10'.6"	10'-3"	8.7 mJ/cm ² over 24 hr	95.6 %	17.6 hr	52.9 hr	>99.9 %	5.5 hr	16.6 hr	>99.9 %	3.3 hr	9.9 hr
D132	11'	10'-9"	9.9 mJ/cm ² over 24 hr	97.2 %	15.5 hr	46.5 hr	>99.9 %	4.8 hr	14.5 hr	>99.9 %	2.9 hr	8.7 hr
D132	12'	11'-9"	8.3 mJ/cm ² over 24 hr	95.0 %	18.5 hr	55.4 hr	>99.9 %	5.8 hr	17.3 hr	>99.9 %	3.5 hr	10.4 hr

6'x6' Area (X x Y)			Calculated Average Dose ³	Surface Pathogen Inactivation ²								
Programming Option	Mounting Height to Module Face	Mounting Height to Fixture Aperture	mJ/cm ²	MRSA			Salmonella			E. coli		
				% in 24 Hours	Hrs to 90%	Hrs to 99.9%	% in 24 Hours	Hrs to 90%	Hrs to 99.9%	% in 24 Hours	Hrs to 90%	Hrs to 99.9%
D108	9'	8'-9"	3.5 mJ/cm ² over 24 hr	83.7 %	30.5 hr	91.4 hr	93.9 %	19.8 hr	59.4 hr	98.2 %	13.8 hr	41.5 hr
D114	9.6'	9'-3"	5.3 mJ/cm ² over 24 hr	93.7 %	19.9 hr	59.8 hr	98.6 %	13.0 hr	38.9 hr	99.8 %	9.1 hr	27.2 hr
D120	10'	9'-9"	6.8 mJ/cm ² over 24 hr	97.1 %	15.6 hr	46.7 hr	99.6 %	10.1 hr	30.4 hr	>99.9 %	7.1 hr	21.2 hr
D126	10'.6"	10'-3"	8.7 mJ/cm ² over 24 hr	98.9 %	12.2 hr	36.5 hr	>99.9 %	7.9 hr	23.7 hr	>99.9 %	5.5 hr	16.6 hr
D132	11'	10'-9"	9.9 mJ/cm ² over 24 hr	99.4 %	10.7 hr	32.0 hr	>99.9 %	6.9 hr	20.8 hr	>99.9 %	4.9 hr	14.6 hr
D132	12'	11'-9"	8.3 mJ/cm ² over 24 hr	98.7 %	12.7 hr	38.2 hr	99.9 %	8.3 hr	24.8 hr	>99.9 %	5.8 hr	17.4 hr

Projected Virus and Bacteria Inactivation



Use this chart to estimate the effectiveness of one EVO6 fixture, mounted at various mounting heights (Z) and having different areas of coverage (X x Y), at inactivating the pathogens listed below on surfaces. The calculated average dose for each scenario is determined from Visual® lighting application software radiometric modeling¹ and is then correlated with laboratory research² to derive predicted inactivation effectiveness for specific pathogens. The analysis assumes that a horizontal plane positioned 2'-6" Above Finished Floor (AFF) is receiving the dose. For different areas of coverage or multiple fixture layouts, consult an Acuity Brands UV Lighting Specialist.

1. The results presented here are based upon a 12'x12'x15' high empty room with all surface reflectance assumed to be 5%.
2. Reference [Pathogen Inactivation Dose Reference List](#) - 222nm, 254nm & Pulsed Xenon UV Light Sources.
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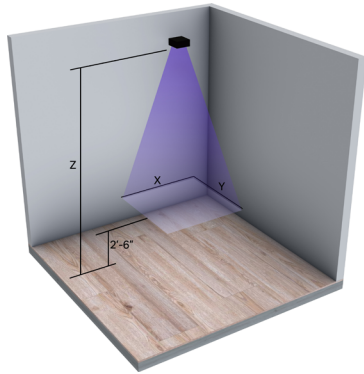
8'x8' Area (X x Y)			Calculated Average Dose ¹	Surface Pathogen Inactivation ²								
Programming Option	Mounting Height to Module Face	Mounting Height to Fixture Aperture	mJ/cm ²	Feline Calicivirus			Influenza			SARS-CoV-2		
				% in 24 Hours	Hrs to 90%	Hrs to 99.9%	% in 24 Hours	Hrs to 90%	Hrs to 99.9%	% in 24 Hours	Hrs to 90%	Hrs to 99.9%
D108	9'	8'-9"	2.4 mJ/cm ² over 24 hr	58.5 %	62.8 hr	188.5 hr	94.0 %	19.7 hr	59.0 hr	99.1 %	11.8 hr	35.4 hr
D114	9.6'	9'-3"	3.9 mJ/cm ² over 24 hr	75.4 %	39.4 hr	118.2 hr	98.9 %	12.3 hr	37.0 hr	>99.9 %	7.4 hr	22.2 hr
D120	10'	9'-9"	5.2 mJ/cm ² over 24 hr	84.5 %	29.7 hr	89.0 hr	99.7 %	9.3 hr	27.9 hr	>99.9 %	5.6 hr	16.7 hr
D126	10'.6"	10'-3"	6.9 mJ/cm ² over 24 hr	91.5 %	22.4 hr	67.1 hr	>99.9 %	7.0 hr	21.0 hr	>99.9 %	4.2 hr	12.6 hr
D132	11'	10'-9"	8.0 mJ/cm ² over 24 hr	94.4 %	19.1 hr	57.3 hr	>99.9 %	6.0 hr	18.0 hr	>99.9 %	3.6 hr	10.8 hr
D132	12'	11'-9"	7.1 mJ/cm ² over 24 hr	92.1 %	21.7 hr	65.2 hr	>99.9 %	6.8 hr	20.4 hr	>99.9 %	4.1 hr	12.3 hr

8'x8' Area (X x Y)			Calculated Average Dose ¹	Surface Pathogen Inactivation ²								
Programming Option	Mounting Height to Module Face	Mounting Height to Fixture Aperture	mJ/cm ²	MRSA			Salmonella			E. coli		
				% in 24 Hours	Hrs to 90%	Hrs to 99.9%	% in 24 Hours	Hrs to 90%	Hrs to 99.9%	% in 24 Hours	Hrs to 90%	Hrs to 99.9%
D108	9'	8'-9"	2.4 mJ/cm ² over 24 hr	72.1 %	43.3 hr	130.0 hr	85.9 %	28.2 hr	84.5 hr	94.0 %	19.7 hr	59.1 hr
D114	9.6'	9'-3"	3.9 mJ/cm ² over 24 hr	86.9 %	27.2 hr	81.5 hr	95.6 %	17.7 hr	53.0 hr	98.9 %	12.4 hr	37.1 hr
D120	10'	9'-9"	5.2 mJ/cm ² over 24 hr	93.3 %	20.4 hr	61.3 hr	98.4 %	13.3 hr	39.9 hr	99.7 %	9.3 hr	27.9 hr
D126	10'.6"	10'-3"	6.9 mJ/cm ² over 24 hr	97.2 %	15.4 hr	46.3 hr	99.6 %	10.0 hr	30.1 hr	>99.9 %	7.0 hr	21.0 hr
D132	11'	10'-9"	8.0 mJ/cm ² over 24 hr	98.5 %	13.2 hr	39.5 hr	99.8 %	8.6 hr	25.7 hr	>99.9 %	6.0 hr	18.0 hr
D132	12'	11'-9"	7.1 mJ/cm ² over 24 hr	97.5 %	15.0 hr	45.0 hr	99.7 %	9.7 hr	29.2 hr	>99.9 %	6.8 hr	20.4 hr

10'x10' Area (X x Y)			Calculated Average Dose ¹	Surface Pathogen Inactivation ²								
Programming Option	Mounting Height to Module Face	Mounting Height to Fixture Aperture	mJ/cm ²	Feline Calicivirus			Influenza			SARS-CoV-2		
				% in 24 Hours	Hrs to 90%	Hrs to 99.9%	% in 24 Hours	Hrs to 90%	Hrs to 99.9%	% in 24 Hours	Hrs to 90%	Hrs to 99.9%
D108	9'	8'-9"	1.7 mJ/cm ² over 24 hr	45.2 %	91.8 hr	275.4 hr	85.4 %	28.7 hr	86.2 hr	95.9 %	17.2 hr	51.7 hr
D114	9.6'	9'-3"	2.7 mJ/cm ² over 24 hr	62.8 %	55.9 hr	167.8 hr	95.7 %	17.5 hr	52.6 hr	99.5 %	10.5 hr	31.5 hr
D120	10'	9'-9"	3.8 mJ/cm ² over 24 hr	74.1 %	40.9 hr	122.6 hr	98.7 %	12.8 hr	38.4 hr	>99.9 %	7.7 hr	23.0 hr
D126	10'.6"	10'-3"	5.1 mJ/cm ² over 24 hr	84.2 %	30.0 hr	90.0 hr	99.7 %	9.4 hr	28.2 hr	>99.9 %	5.6 hr	16.9 hr
D132	11'	10'-9"	6.2 mJ/cm ² over 24 hr	89.1 %	24.9 hr	74.7 hr	>99.9 %	7.8 hr	23.4 hr	>99.9 %	4.7 hr	14.0 hr
D132	12'	11'-9"	5.7 mJ/cm ² over 24 hr	87.1 %	27.0 hr	81.0 hr	99.9 %	8.5 hr	25.4 hr	>99.9 %	5.1 hr	15.2 hr

10'x10' Area (X x Y)			Calculated Average Dose ¹	Surface Pathogen Inactivation ²								
Programming Option	Mounting Height to Module Face	Mounting Height to Fixture Aperture	mJ/cm ²	MRSA			Salmonella			E. coli		
				% in 24 Hours	Hrs to 90%	Hrs to 99.9%	% in 24 Hours	Hrs to 90%	Hrs to 99.9%	% in 24 Hours	Hrs to 90%	Hrs to 99.9%
D108	9'	8'-9"	1.7 mJ/cm ² over 24 hr	58.2 %	63.3 hr	189.9 hr	73.9 %	41.2 hr	123.5 hr	85.4 %	28.8 hr	86.3 hr
D114	9.6'	9'-3"	2.7 mJ/cm ² over 24 hr	76.1 %	38.6 hr	115.4 hr	89.0 %	25.1 hr	75.2 hr	95.7 %	17.5 hr	52.6 hr
D120	10'	9'-9"	3.8 mJ/cm ² over 24 hr	85.9 %	28.2 hr	84.6 hr	95.1 %	18.3 hr	55.0 hr	98.7 %	12.8 hr	38.4 hr
D126	10'.6"	10'-3"	5.1 mJ/cm ² over 24 hr	93.1 %	20.7 hr	62.1 hr	98.4 %	13.4 hr	40.3 hr	99.7 %	9.4 hr	28.2 hr
D132	11'	10'-9"	6.2 mJ/cm ² over 24 hr	96.0 %	17.2 hr	51.5 hr	99.3 %	11.2 hr	33.5 hr	>99.9 %	7.8 hr	23.4 hr
D132	12'	11'-9"	5.7 mJ/cm ² over 24 hr	94.9 %	18.6 hr	55.8 hr	99.0 %	12.1 hr	36.3 hr	99.9 %	8.5 hr	25.4 hr

Projected Virus and Bacteria Inactivation



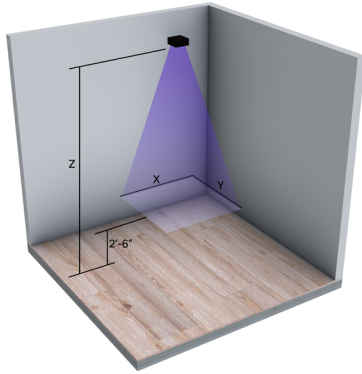
Use this chart to estimate the effectiveness of one EVO6 fixture, mounted at various mounting heights (Z) and having different areas of coverage (X x Y), at inactivating the pathogens listed below on surfaces. The calculated average dose for each scenario is determined from Visual® lighting application software radiometric modeling¹ and is then correlated with laboratory research² to derive predicted inactivation effectiveness for specific pathogens. The analysis assumes that a horizontal plane positioned 2'-6" Above Finished Floor (AFF) is receiving the dose. For different areas of coverage or multiple fixture layouts, consult an Acuity Brands UV Lighting Specialist.

1. The results presented here are based upon a 12'x12'x15' high empty room with all surface reflectance assumed to be 5%.
2. Reference [Pathogen Inactivation Dose Reference List](#) - 222nm, 254nm & Pulsed Xenon UV Light Sources.
3. As a result of computational limitations and simplifying modeling assumptions in Visual, variations in actual product performance from tested product samples, and/or variations in field conditions from laboratory testing conditions, the accuracy of calculated output values identifying radiometric quantities and any resulting derived radiation dose predictions may be adversely affected. See complete disclaimer at [VISUAL LIGHTING DISCLAIMER](#)

12'x12' Area (X x Y)			Calculated Average Dose ¹	Surface Pathogen Inactivation ²								
Programming Option	Mounting Height to Module Face	Mounting Height to Fixture Aperture	mJ/cm ²	Feline Calicivirus			Influenza			SARS-CoV-2		
				% in 24 Hours	Hrs to 90%	Hrs to 99.9%	% in 24 Hours	Hrs to 90%	Hrs to 99.9%	% in 24 Hours	Hrs to 90%	Hrs to 99.9%
D108	9'	8'-9"	1.2 mJ/cm ² over 24 hr	34.6 %	129.9 hr	389.7 hr	74.3 %	40.7 hr	122.0 hr	89.6 %	24.4 hr	73.2 hr
D114	9.6'	9'-3"	2.0 mJ/cm ² over 24 hr	50.7 %	78.2 hr	234.6 hr	89.5 %	24.5 hr	73.5 hr	97.7 %	14.7 hr	44.1 hr
D120	10'	9'-9"	2.7 mJ/cm ² over 24 hr	62.5 %	56.4 hr	169.1 hr	95.6 %	17.6 hr	52.9 hr	99.5 %	10.6 hr	31.8 hr
D126	10'.6"	10'-3"	3.8 mJ/cm ² over 24 hr	74.2 %	40.8 hr	122.3 hr	98.7 %	12.8 hr	38.3 hr	>99.9 %	7.7 hr	23.0 hr
D132	11'	10'-9"	4.6 mJ/cm ² over 24 hr	81.1 %	33.2 hr	99.5 hr	99.5 %	10.4 hr	31.2 hr	>99.9 %	6.2 hr	18.7 hr
D132	12'	11'-9"	4.4 mJ/cm ² over 24 hr	79.8 %	34.5 hr	103.6 hr	99.4 %	10.8 hr	32.4 hr	>99.9 %	6.5 hr	19.5 hr

12'x12' Area (X x Y)			Calculated Average Dose ¹	Surface Pathogen Inactivation ²								
Programming Option	Mounting Height to Module Face	Mounting Height to Fixture Aperture	mJ/cm ²	MRSA			Salmonella			E. coli		
				% in 24 Hours	Hrs to 90%	Hrs to 99.9%	% in 24 Hours	Hrs to 90%	Hrs to 99.9%	% in 24 Hours	Hrs to 90%	Hrs to 99.9%
D108	9'	8'-9"	1.2 mJ/cm ² over 24 hr	46.0 %	89.6 hr	268.8 hr	61.3 %	58.2 hr	174.7 hr	74.3 %	40.7 hr	122.2 hr
D114	9.6'	9'-3"	2.0 mJ/cm ² over 24 hr	64.1 %	53.9 hr	161.8 hr	79.3 %	35.1 hr	105.2 hr	89.5 %	24.5 hr	73.5 hr
D120	10'	9'-9"	2.7 mJ/cm ² over 24 hr	75.9 %	38.9 hr	116.6 hr	88.8 %	25.3 hr	75.8 hr	95.6 %	17.7 hr	53.0 hr
D126	10'.6"	10'-3"	3.8 mJ/cm ² over 24 hr	86.0 %	28.1 hr	84.3 hr	95.1 %	18.3 hr	54.8 hr	98.7 %	12.8 hr	38.3 hr
D132	11'	10'-9"	4.6 mJ/cm ² over 24 hr	91.1 %	22.9 hr	68.6 hr	97.6 %	14.9 hr	44.6 hr	99.5 %	10.4 hr	31.2 hr
D132	12'	11'-9"	4.4 mJ/cm ² over 24 hr	90.2 %	23.8 hr	71.4 hr	97.2 %	15.5 hr	46.4 hr	99.4 %	10.8 hr	32.5 hr

Projected Photodegradation Effect



Use the chart (below left) to estimate the photodegradation effect on surfaces from one EVO6 fixture, mounted at various mounting heights (Z) and having different areas of coverage (X x Y)¹. The calculated average dose² for each scenario is determined from Visual® lighting application software radiometric modeling and is then correlated with independent laboratory photodegradation testing³. The analysis assumes that a horizontal plane positioned 2'-6" Above Finished Floor (AFF) is receiving the dose. Note that the calculated doses as presented are average values on the designated calculation plane. Calculated doses at specific points may be higher or lower than the average value. To estimate the photodegradation effect for different areas of coverage, at specific points, or multiple fixture layouts, consult an Acuity Brands UV Lighting Specialist.

- The results presented here are based upon a 12'x12'x15' high empty room with all surface reflectance assumed to be 5%.
- As a result of computational limitations and simplifying modeling assumptions in Visual, variations in actual product performance from tested product samples, and/or variations in field conditions from laboratory testing conditions, the accuracy of calculated output values identifying radiometric quantities and any resulting derived radiation dose predictions may be adversely affected. See complete disclaimer at [VISUAL LIGHTING DISCLAIMER](#)
- Independent laboratory photodegradation testing performed by Assured Testing Services, Ridgeway, PA, Test Report 28545, August 12, 2020.

4' x 4' Area (X x Y)			Calculated Avg. 24hr Dose ²	Years to Dose of 54,000 mJ/cm ² *
Programming Option	Mounting Height to Module Face	Mounting Height to Fixture Aperture	mJ/cm ²	
D108	9'	8'-9"	4.5	32.9
D114	9'-6"	9'-3"	6.6	22.4
D120	10'	9'-9"	8.2	18.0
D126	10'-6"	10'-3"	10.2	14.5
D132	11'	10'-9"	11.4	13.0
D132	12'	11'-9"	9.3	15.9

6' x 6' Area (X x Y)			Calculated Avg. 24hr Dose ²	Years to Dose of 54,000 mJ/cm ² *
Programming Option	Mounting Height to Module Face	Mounting Height to Fixture Aperture	mJ/cm ²	
D108	9'	8'-9"	3.5	42.3
D114	9'-6"	9'-3"	5.3	27.9
D120	10'	9'-9"	6.8	21.8
D126	10'-6"	10'-3"	8.7	17.0
D132	11'	10'-9"	9.9	14.9
D132	12'	11'-9"	8.3	17.8

8' x 8' Area (X x Y)			Calculated Avg. 24hr Dose ²	Years to Dose of 54,000 mJ/cm ² *
Programming Option	Mounting Height to Module Face	Mounting Height to Fixture Aperture	mJ/cm ²	
D108	9'	8'-9"	2.4	61.6
D114	9'-6"	9'-3"	3.9	37.9
D120	10'	9'-9"	5.2	28.5
D126	10'-6"	10'-3"	6.9	21.4
D132	11'	10'-9"	8	18.5
D132	12'	11'-9"	7.1	20.8

10' x 10' Area			Calculated Avg. 24hr Dose ²	Years to Dose of 54,000 mJ/cm ² *
Programming Option	Mounting Height to Module Face	Mounting Height to Fixture Aperture	mJ/cm ²	
D108	9'	8'-9"	1.7	87.0
D114	9'-6"	9'-3"	2.7	54.8
D120	10'	9'-9"	3.8	38.9
D126	10'-6"	10'-3"	5.1	29.0
D132	11'	10'-9"	6.2	23.9
D132	12'	11'-9"	5.7	26.0

12' x 12' Area			Calculated Avg. 24hr Dose ²	Years to Dose of 54,000 mJ/cm ² *
Programming Option	Mounting Height to Module Face	Mounting Height to Fixture Aperture	mJ/cm ²	
D108	9'	8'-9"	1.2	123.3
D114	9'-6"	9'-3"	2	74.0
D120	10'	9'-9"	2.7	54.8
D126	10'-6"	10'-3"	3.8	38.9
D132	11'	10'-9"	4.6	32.2
D132	12'	11'-9"	4.4	33.6

Photodegradation Testing Results³

Material	Photodegradation Effect at Dose of 54,000 mJ/cm ² *			
	Before UV Exposure	After UV Exposure	Average Δ E**	Average Δ - Durometer Hardness***
Polyvinyl chloride (PVC)			27.27	3
Polypropylene			3.86	-1
Polyethylene			5.50	0
Polytetrafluoroethylene (PTFE)			1.02	0
Clear polymethyl methacrylate			2.50	3
White polymethyl methacrylate			9.08	-3
Polyoxymethylene			4.47	5
Polycarbonate			6.89	-3
Acrylonitrile butadiene styrene (ABS)			0.90	0
Polyester			1.13	-1
Nylon			6.77	-4

PROJECTED PHOTODEGRADATION EFFECT (CONTINUED)
Photodegradation Testing Results³

Material	Photodegradation Effect at Dose of 54,000 mJ/cm ² *			
	Before UV Exposure	After UV Exposure	Average ΔE^{**}	Average Δ - Durometer Hardness***
Cotton			2.12	N/A
Wool			2.73	N/A
Pine/Fir			7.79	1
Oak			8.73	-14
Poplar			11.65	-7
Low grade paper (copy paper)			4.15	N/A
Rag paper (stationary writing paper)			7.44	N/A
Oil paint on paper			1.47	N/A
Watercolors on rag paper			3.12	N/A
Window glass			0.11	N/A
Vinyl flooring			2.13	-2
Wall paper			3.83	N/A
Newsprint Color			8.13	N/A
Barcode paper label			1.34	N/A

Independent Lab Test Results³ for Determining Photodegradation Effect for Far-UVC Filtered 222nm technology (Care222®)

* The independent test lab results compared materials at an initial state of no UV exposure and a final state of UV exposure at 54,000 mJ/cm².

** ΔE is a benchmark used to measure color difference compared to a known set of CIELAB color coordinates defined by the International Commission on Illumination (CIE). The Photodegradation Testing Results table presents data calculated by the CIE76 formula, ΔE^{*ab} . CIE76 is a formula that relates a measured color difference to a known set of CIELAB coordinates. $\Delta E^{*ab} \sim 2.3$ equates to a Just Noticeable Difference

*** Durometer Hardness is a benchmark of material hardness, as measured by a Shore Durometer device. The Photodegradation Testing Results table presents the difference in measured material hardness over the exposure dose. For the majority of the materials tested there was no or only a very small change in Durometer Hardness. Unvarnished Oak and Poplar showed some change in Durometer Hardness.

Comparing Far-UVC Filtered 222nm Disinfection Technology (Care222®) Photodegradation Effect to General Illumination Photodegradation Effect

To compare photodegradation caused by UV to photodegradation caused by general illumination, which also causes a photodegradation effect, a Just Noticeable Difference ($\Delta E^{*ab} \sim 2.3$) in a space illuminated by a white light source to an illuminance of 50 fc would occur as soon as 6 months for highly sensitive materials and as long as 30 years for minimally sensitive materials.* There is recognizable photodegradation of materials caused by almost all light sources including incandescent, fluorescent, halogen, metal halide, LED, and UV. While some UV sources, depending on spectral content and intensity, can cause substantial photodegradation, the information presented in the Photodegradation Testing Results table illustrates specifically the generally minimal photodegradation effect of far-UVC filtered 222nm technology (Care222) when utilizing these products in typical application.

* ANSI/IES RP-30-20 Recommended Practice: Lighting Museums, Table C-2

3. Independent laboratory photodegradation testing performed by Assured Testing Services, Ridgeway, PA, Test Report 28545, August 12, 2020.

EVO - eldoLED® Driver Default Dimming Curve			
Nomenclature	Min. Dimming	Driver Dim Curve	Control Dim Curve
EZ10	10%	Linear	Linear/Logarithmic
EZ1	1%	Linear	Linear/Logarithmic
EZB	<1%	Logarithmic	Linear
EDAB	<1%	Logarithmic*	Linear

*Changeable through DALI controller

Driver		Control Provided (note: 347V/UVOLT versions provided with 347 option selected)			
Nomenclature	Description	NLT	NLTER	NLTAIR2	NLTAIRER2
GZ10	0-10V driver dims to 10%	nPP16 D EFP	nPP16 D ER EFP	RPP20 D 24V G2	RPP20 D 24V ER G2
GZ1	0-10V driver dims to 1%	nPP16 D EFP	nPP16 D ER EFP	RPP20 D 24V G2	RPP20 D 24V ER G2
EZ10	eldoLED® 0-10V ECOdrive	nPS 80 EZ	nPS 80 EZ ER	RPP20 D 24V G2	RPP20 D 24V ER G2
EZ1	eldoLED® 0-10V ECOdrive	nPS 80 EZ	nPS 80 EZ ER	RPP20 D 24V G2	RPP20 D 24V ER G2
EZB	eldoLED® 0-10V SOLOdrive	nPS 80 EZ	nPS 80 EZ ER	RPP20 D 24V G2	RPP20 D 24V ER G2

J-box Compatibility Matrix		Cylinder Configurations	
		JBX	JBXCC
Recommended J-box (by others)	"4"" Octagonal 4x4x1.5" deep"	✓	✓
	"4"" Octagonal 4x4x2.125" deep"	✓	✗
	"4"" Square 4x4x1.5" deep"	✓ *with adaptor plate accessory	✗

Standard Architectural Color Options for Cylinder Bodies



DSS LITHONIA P12
Sandstone



DSST TEXTURED P90
Sandstone



DBR LITHONIA P34
Bright Red



DSPH TEXTURED P80
Light Red



DMB LITHONIA P11
Medium Bronze



DBNH TEXTURED P74
Bronze



DTG LITHONIA P33
Tennis Green



DSPE TEXTURED P78
Green



DSB LITHONIA P49
Steel Blue



DNA LITHONIA P07
Natural Aluminum



DNAT TEXTURED P89
Natural Aluminum



DGC LITHONIA P32
Charcoal Gray



DSPD TEXTURED P77
Dark Grey



DDB LITHONIA P50
Dark Bronze



DDBT TEXTURED P88
Dark Bronze



DBL LITHONIA P13
Black



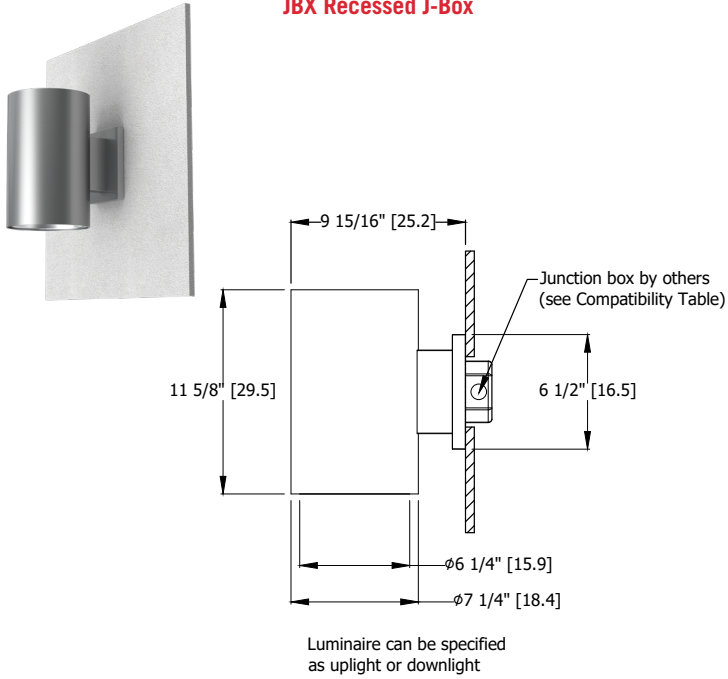
DWH LITHONIA P21
White



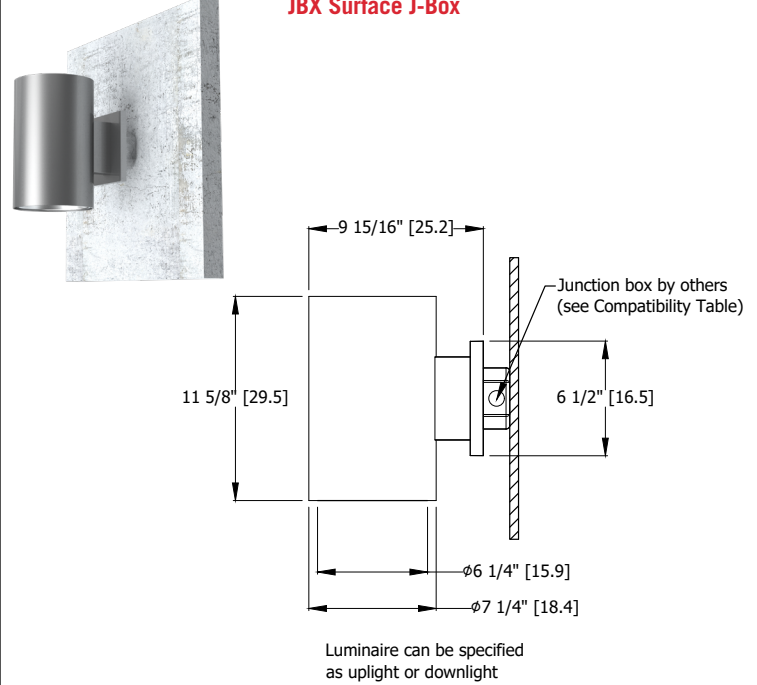
DWHG TEXTURED P86
White

NOTE: These colors were carefully reproduced to give as true a depiction as possible of finished product color. Some colors, however, may vary slightly from actual appearance due to display/printing variations and limitations. Please order the GCOLORS KIT listed in the 'Accessories' section of the spec sheet for an accurate paint chip sample.

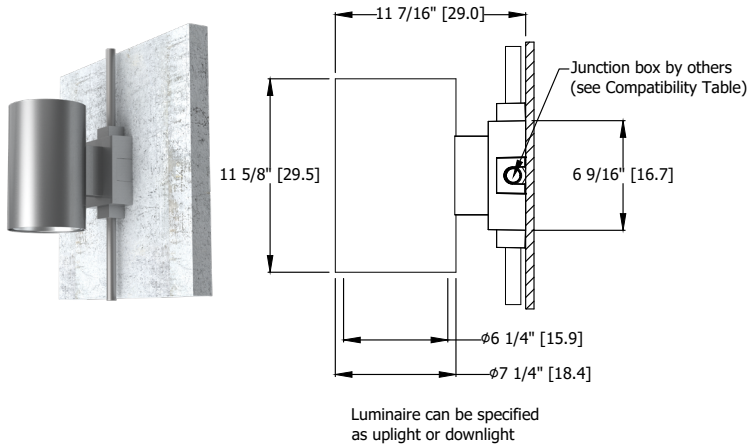
JBX Recessed J-Box



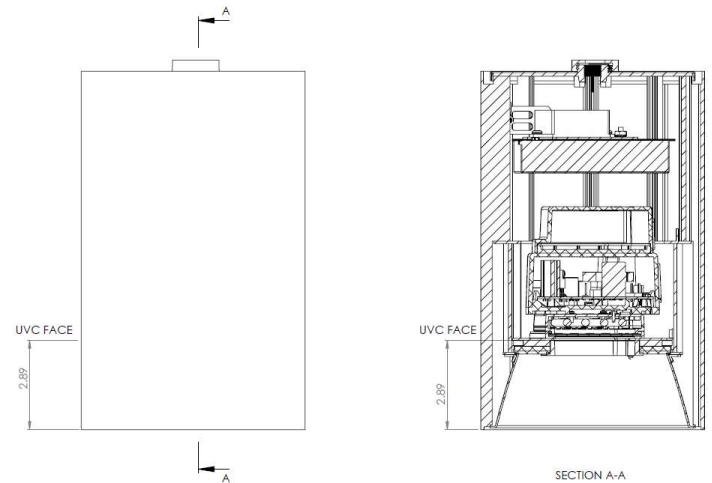
JBX Surface J-Box



JBXCC Surface J-Box with Conduit Covers

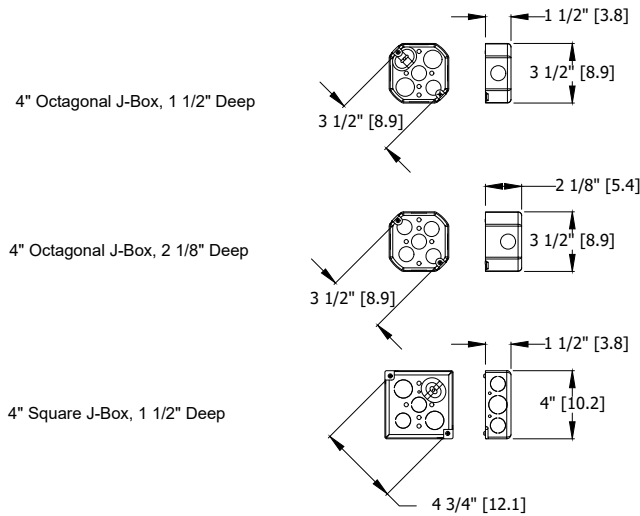


Module Regression in Trim



*Dimensions in inches [centimeters]

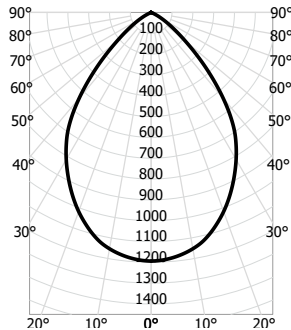
Junction Box Dimensions (by others)



*Dimensions in inches [centimeters]

PHOTOMETRY: VISIBLE LIGHT ONLY

EVO6WC UV222VL 35/15 AR LSS INPUT WATT: 17.03; DELIVERED LUMENS: 1311; LPW = 77; 1.05 S/MH; TEST NO: 21-351P157 (FOR VISIBLE LIGHT [VL] ONLY VERSION)



CP Summary		Zonal Lumen Summary			Cone of Light			Luminance (cd/sq.m)	
					Mounting Height	Initial FC Center Beam	Beam Diameter		Average Luminance
0°	1194	0° - 30°	843	50%	6.0 ft	33.2 fc	9.5 ft	0°	60533
5°	1183	0° - 40°	1272	76%	8.0 ft	18.7 fc	12.6 ft	45°	25990
15°	1097	0° - 60°	1662	99%	10.0 ft	11.9 fc	15.8 ft	55°	10410
25°	921	0° - 90°	1683	100%	12.0 ft	8.3 fc	18.9 ft	65°	1553
35°	698	90° - 180°	0	0%	14.0 ft	6.1 fc	22.1 ft	75°	283
45°	363	0° - 180°	1683	100%				85°	187
55°	118				Beam Angle: 76.5°				
65°	13				Field Angle: 109.8°				
75°	1								
85°	0								
90°	0								

Beam Angle: 76.5°
Field Angle: 109.8°

Lumen Output Multiplier		
CRI	CCT	Multiplier
80	2700K	0.96
	3000K	1.00
	3500K	1.00
	4000K	1.01
90	2700K	0.80
	3000K	0.83
	3500K	0.85
	4000K	0.87

Reflector Finish Multiplier	
Reflector Finish	Multiplier
LS - Specular	1
LSS - Semi Specular	0.956
LD - Matte Diffuse	0.85

Distributions	
Beam Angle	Field Angle
77	110

nLight® AIR is the ideal solution for retrofit or new construction spaces where adding communication wiring is cost prohibitive. The integrated nLight AIR rPP20 Power Pack is part of each EVO Luminaire ordered with the NLTAIR option. These individually addressable controls offer the ultimate in flexibility during initial setup and for space repurposing.

nLight® AIR Control Accessories

Order as separate catalog number. Visit [nLight AIR](#).

Wall Switches

Model Number	
On/Off single pole	rPODB (color) G2
On/Off two pole	rPODB 2P (color) G2
On/Off & raise/lower single pole	rPODB DX (color) G2
On/Off & raise/lower two pole	rPODB 2P DX (color) G2

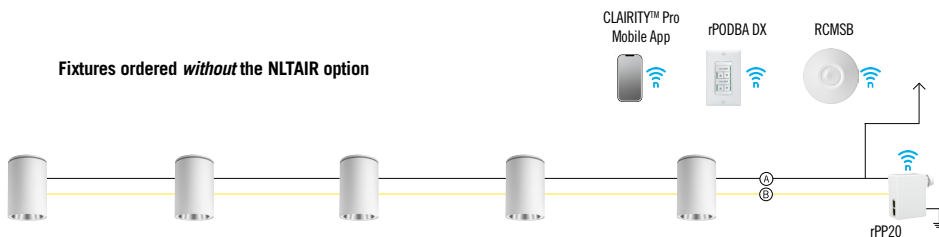
nLight® AIR Control Accessories (cont.)

Occupancy Sensors (PIR/dual tech)

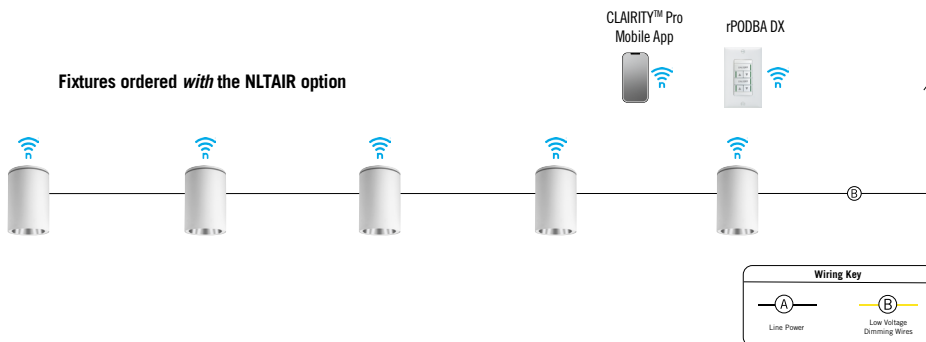
Model Number	
Small motion 360°, ceiling	rCMS 9 / rCMS PDT 9
Large motion 360°, ceiling	rCMS 10 / rCMS PDT 10

Possibilities for nLight® AIR

Fixtures ordered *without* the NLTAIR option



Fixtures ordered *with* the NLTAIR option



nLight® Wired The nLight® solution is a digital networked lighting control system that provides both energy savings and increased user configurability by cost effectively integrating time-based, daylight-based, sensor-based and manual lighting control schemes.

nLight® Wired Control Accessories

Order as separate catalog number. Visit [nLight](#).

Wall Switches

Model Number	
On/Off single pole	nPODM (XX)
On/Off two pole	nPODM 2P (XX)
On/Off & raise/lower single pole	nPOD DX (XX)
On/Off & raise/lower two pole	nPODM 2P DX (XX)
Graphic touchscreen	nPOD GFX (XX)

Photocell Controls

Dimming	nCM ADCX
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nLight® Wired Control Accessories (cont.)

Occupancy Sensors (PIR/dual tech)

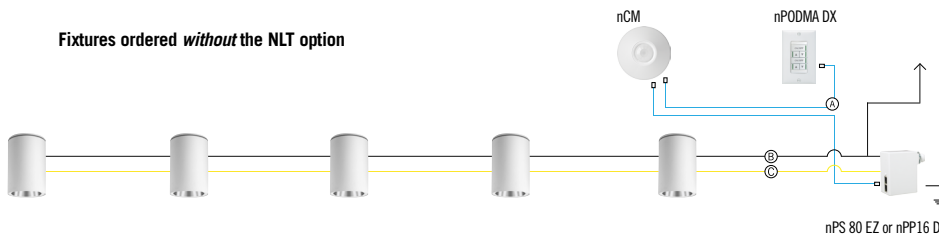
Model Number	
Small motion 360°, ceiling	nCM 9 / nCM PDT 9
Large motion 360°, ceiling	nCM 10 / nCM PDT 10
Wide View	nWV 16 / nWV PDT 16
Wall switch with raise/lower	nWSX LV DX / nWSX PDT LV DX

Cat-5 Cables (plenum rated)

10', CAT5	CAT5 10FT J1
15', CAT5	CAT5 15FT J1

Possibilities for nLight® Wired

Fixtures ordered *without* the NLT option



Fixtures ordered *with* the NLT option

