

OVERVIEW

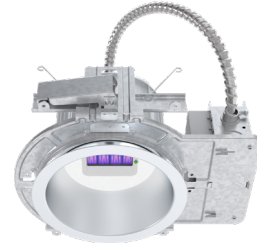
Round Downlight with Care222® UV Technology

6"

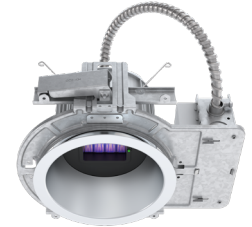
Feature Set

- 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
- One piece self-flanged trim construction; flangeless (FL) optional
- 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
- Available with 10% dimming, 1% dimming, or dim to dark

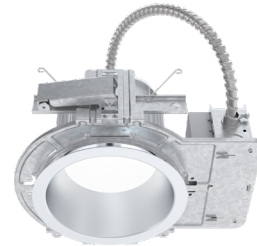
Distribution



EV06 UV222H



EV06 UV222



EV06 UV222VL

COMPLEMENTARY PRODUCTS

Coordinated Apertures | Multiple Layers of Light



EV06 New Construction Downlight with Care222

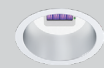


EV06 6" Remodel Downlight with Care222



EV06 7" Remodel Downlight 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: EV06 UV222H D108 35/15 AR LSS MVOLT EZ1

Series	Wavelength ¹	Programming Option ²	Color Temperature ³	Nominal Lumen Values ³
EV06 EVO 6ln. New Construction Round 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
	UV222 ³ 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 & Flange Color	Trim Style	Finish	Voltage	Driver ¹
AR Clear BR ⁴ Black paint WR ⁴ White paint	(blank) Self-flanged FL Flangeless. For use in dry wall ceilings only.	LSS Semi-specular LD Matte-diffuse LS Specular	MVOLT 120 277	GZ10 0-10V driver dims to 10% GZ1 0-10V driver dims to 1% 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 eldoLED® SOLOdrive DALI. Logarithmic dimming to <1%. ELV ⁵ Electronic line voltage/Forward phase/Triac dimming. 120v only.

Control Interface ¹	Options
(blank) No controls NLT ⁶ nLight® dimming pack controls. Specify 120V or 277V NLTAIR2 ⁶ nLight® dimming pack controls emergency circuit. Specify 120V or 277V	(blank) No options TRW ⁷ White painted flange TRBL ⁷ Black painted flange 90CRI ⁸ High CRI (90+) CP Chicago Plenum

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)	
CTAEV06	6" Aperture ceiling thickness adapter (extends mounting frame to accommodate ceiling thickness up to 5").
GRA611 UV222 DWH	White ceiling opening goof ring adapters. To cover a hole greater than 7 1/8" ID and less than 11" OD. Not for use with flangeless (FL) trims.
GRA611 UV222 DBL	Black ceiling opening goof ring adapters. To cover a hole greater than 7 1/8" ID and less than 11" OD. Not for use with flangeless (FL) trims.

ORDERING NOTES	
1. Visible light of UV222H & UV222VL versions only suitable for dimming. See Tech-240 for list of compatible dimmers. Driver options and dimming not available for UV222 module only version.	6. Not available with the UV222 only option. Not available with DALI, ELV & ECOS2. Not available with CP option. Not recommended for metal ceiling installations.
2. Not for use with UV222VL Visible Light only version.	7. Not for use with painted trims (BR, WR) or flangeless (FL) trim option.
3. Color Temperature/Nominal Lumen Values available for UV222H & UV222VL versions only.	8. Not available for UV222 module only version.
4. Not available with Finish options.	
5. 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. (Cutoff does not apply to UV222 module only version).
 Top-down flash characteristic for superior glare control.
 Unitized optics have mechanical attachment of the light engine to the lower reflector for optical alignment.
 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.
 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 wireless network 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

Luminaire housing is constructed of 16-gauge galvanized steel and has preinstalled telescopic mounting bars with maximum 32" and minimum 15" extension and 4" vertical adjustment.
 Luminaires are suitable for installation in ceilings up to 1½" thick. (specify ceiling thickness adapter to extend frame to accommodate ceiling thickness up to 5").
 Tool-less adjustments are possible after installation.
 25°C ambient temperature standard (1/2" clearance on all sides from non-combustible materials in non-IC applications, unless marked spacing noted otherwise). For use in insulated ceilings, a 3" clearance on all sides from insulation is required (unless marked spacing noted otherwise).

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.

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.

SPECIFICATIONS

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

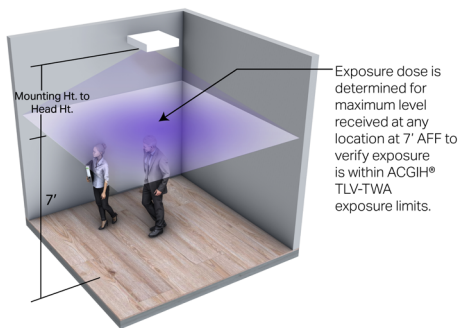
2-year limited warranty for Hybrid (H) and UV Module only versions. Complete warranty terms located under Acuity Brands UV Lighting: www.acuitybrands.com/support/warranty/terms-and-conditions. The UV Module only version is an ultraviolet (UV) based device that is not serviceable. The Hybrid (H) version 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



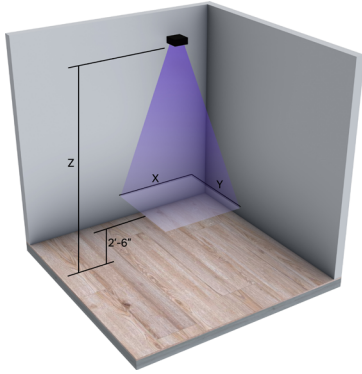
This chart illustrates mounting height configurations for the EVO6 fixture, incorporating Care222® technology, that provide a UV exposure dose within the exposure guidelines¹ established and published by the American Conference of Governmental Industrial Hygienists (ACGIH®). For the UV exposure dose 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](#)

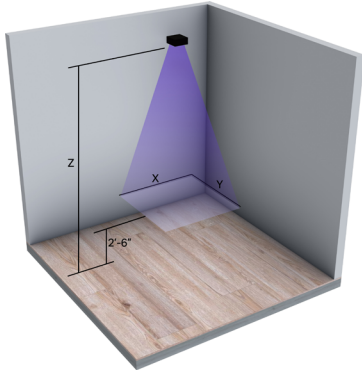
4'x4' Area (X x Y)			Calculated Average Dose ³ mJ/cm ²	Surface Pathogen Inactivation ²								
Programming Option	Mounting Height to Module Face	Mounting Height to Fixture Aperture		Feline Calicivirus			Influenza			SARS-CoV-2		
			% in 24 Hours	Hrs to 90%	Hrs to 99.9%	% in 24 Hours	Hrs to 90%	Hrs to 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 mJ/cm ²	Surface Pathogen Inactivation ²								
Programming Option	Mounting Height to Module Face	Mounting Height to Fixture Aperture		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 mJ/cm ²	Surface Pathogen Inactivation ²								
Programming Option	Mounting Height to Module Face	Mounting Height to Fixture Aperture		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 mJ/cm ²	Surface Pathogen Inactivation ²								
Programming Option	Mounting Height to Module Face	Mounting Height to Fixture Aperture		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.
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](#)

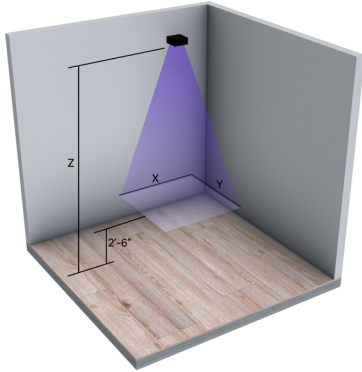
8'x8' Area (X x Y)			Calculated Average Dose ³ mJ/cm ²	Surface Pathogen Inactivation ²								
Programming Option	Mounting Height to Module Face	Mounting Height to Fixture Aperture		Feline Calicivirus			Influenza			SARS-CoV-2		
			% in 24 Hours	Hrs to 90%	Hrs to 99.9%	% in 24 Hours	Hrs to 90%	Hrs to 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 ³ mJ/cm ²	Surface Pathogen Inactivation ²								
Programming Option	Mounting Height to Module Face	Mounting Height to Fixture Aperture		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	52.0 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 ³ mJ/cm ²	Surface Pathogen Inactivation ²								
Programming Option	Mounting Height to Module Face	Mounting Height to Fixture Aperture		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 ³ mJ/cm ²	Surface Pathogen Inactivation ²								
Programming Option	Mounting Height to Module Face	Mounting Height to Fixture Aperture		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	115.5 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.

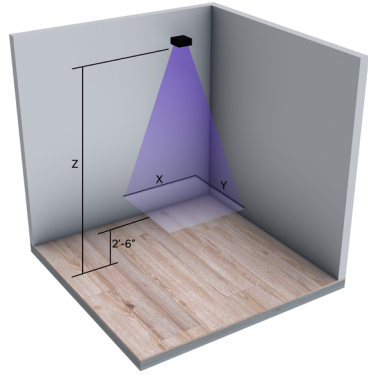
1. The results presented here are based upon a 12'x12'x15' high empty room with all surface reflectance assumed to be 5%.
2. Reference [Pathogen Inactivation Dose Reference List](#) - 222nm, 254nm & Pulsed Xenon UV Light Sources.
3. As a result of computational limitations and simplifying modeling assumptions 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 ³ mJ/cm ²	Surface Pathogen Inactivation ²								
Programming Option	Mounting Height to Module Face	Mounting Height to Fixture Aperture		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 ³ mJ/cm ²	Surface Pathogen Inactivation ²								
Programming Option	Mounting Height to Module Face	Mounting Height to Fixture Aperture		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

PHOTODEGRADATION

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.

1. The results presented here are based upon a 12'x12'x15' high empty room with all surface reflectance assumed to be 5%.
2. 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](#)
3. Independent laboratory photodegradation testing performed by Assured Testing Services, Ridgeway, PA, Test Report 28545, August 12, 2020.

4'x4' 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 Results ³				
Material	Before UV Exposure	After UV Exposure	Photodegradation Effect at Dose of 54,000 mJ/cm ² *	
			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

PHOTODEGRADATION

PROJECTED PHOTODEGRADATION EFFECT (CONTINUED)
Photodegradation Testing Results³

Material	Photodegradation Effect at Dose of 54,000 mJ/cm ² *		Average Δ E**	Average Δ - Durometer Hardness***
	Before UV Exposure	After UV Exposure		
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. ΔE*ab ~ 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 (ΔE*ab ~ 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.

Tables of Use

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

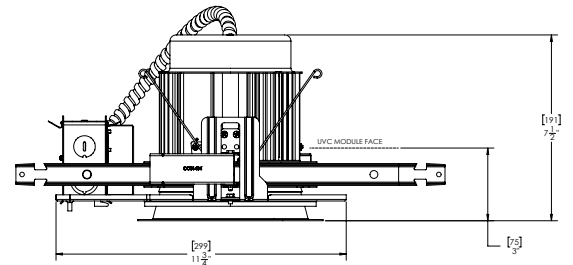
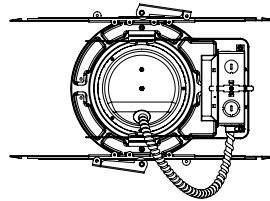
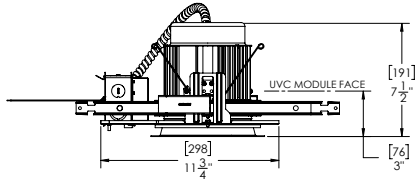
DIMENSIONAL DATA

500LM-2000LM Standard

Module Regression in Trim

Aperture: 6 1/4" [15.9] Ceiling Opening: 7 1/8" [18.1] self-flanged
 Overlap Trim: 7 1/2" [19.1] 7 1/4" [18.4] flangeless

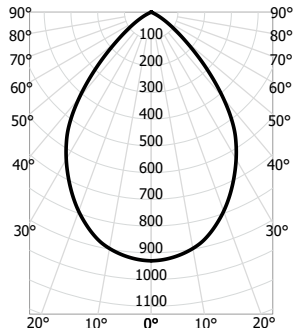
Dimensions in inches [centimeters]



Photometry

PHOTOMETRY: VISIBLE LIGHT ONLY

EVO6 UV222VL 35/15 AR LSS INPUT WATTS: 17.03, DELIVERED LUMENS: 1311LM, LPW= 77, 1.05 S/MH, TEST NO. 21-531P37



CP Summary		Zonal Lumen Summary		Cone of Light		Luminance (cd/sq.m)	
0°	Zone	Lumens	% Fixture	Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance
0°	0° - 30°	657	50%	6.0 ft	25.8 fc	9.5 ft	0° 47139
5°	0° - 40°	991	76%	8.0 ft	14.5 fc	12.6 ft	45° 20239
15°	0° - 60°	1294	99%	10.0 ft	9.3 fc	15.8 ft	55° 8107
25°	0° - 90°	1311	100%	12.0 ft	6.5 fc	18.9 ft	65° 1209
35°	90° - 180°	0	0%	14.0 ft	4.7 fc	22.1 ft	75° 221
45°	0° - 180°	1311	100%				85° 146
55°		92					
65°		10					
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

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

UL924 Sequence of Operation

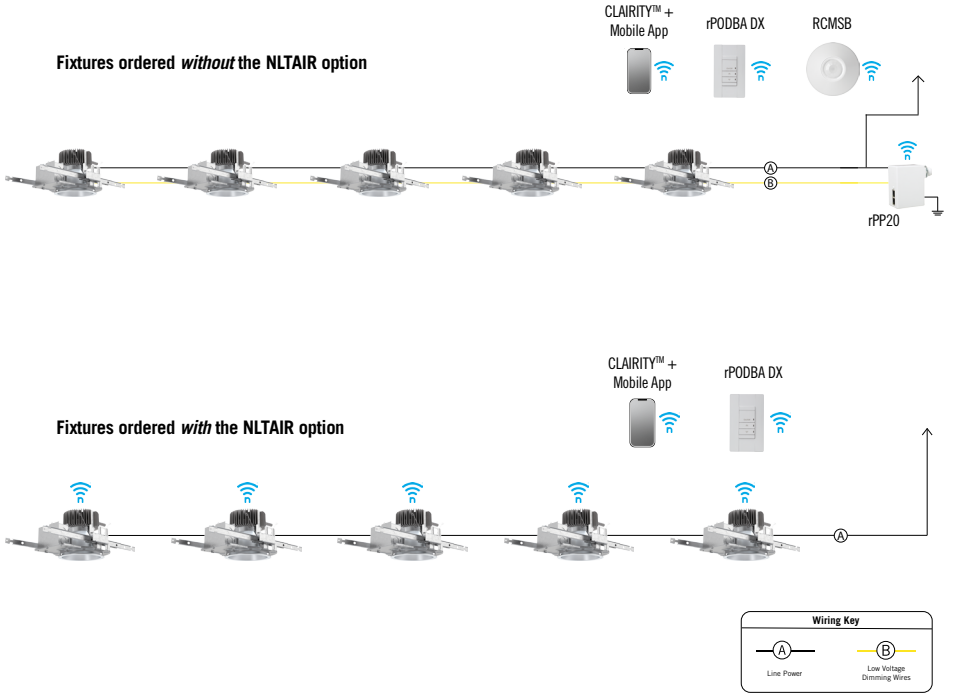
The below information applies to all nLight AIR devices with an EM option.

- EM devices will remain at their high-end trim and ignore wireless lighting control commands, unless a normal-power-sensed (NPS) broadcast is received at least every 8 seconds.
- Using the CLAIRITY+ mobile app, EM devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts.
- Only non-emergency rPP20, rLSXR, rSBOR, rSDGR, and nLight AIR luminaires with version 3.4 or later firmware can provide normal power sensing for EM devices. See specification sheets for control devices and luminaires for more information on options that support normal power sensing.

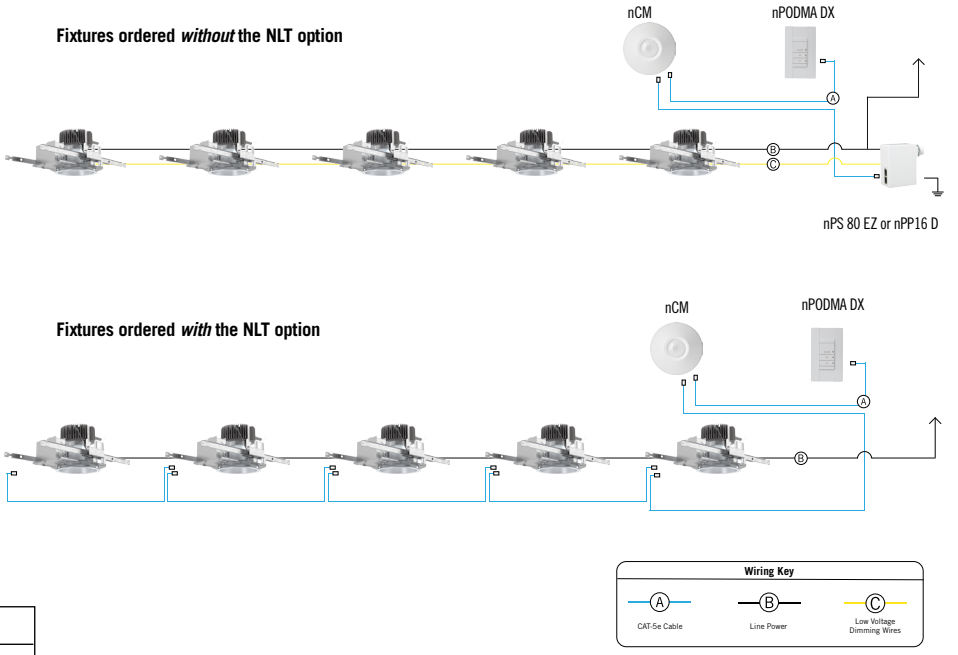
nLight® The nLight® solution is a digital networked lighting control system that provides both energy savings and increased user configurability by cost effectively integrating time-based, daylight-based, sensor-based and manual lighting control schemes.

nLight® Wired Control Accessories	
Order as separate catalog number. Visit nLight .	
Wall Switches	Model Number
On/Off single pole	nPODM (color)
On/Off two pole	nPODM 2P (color)
On/Off & raise/lower single pole	nPOD DX (color)
On/Off & raise/lower two pole	nPODM 2P DX (color)
Graphic touchscreen	nPOD GFX (color)
Photocell Controls	
Dimming	nCM ADCX

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



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

nLIGHT