

FEATURES & SPECIFICATIONS

INTENDED USE — The VT Series Volumetric LED Troffer (VTL/VTS) combines the aesthetics and high performance with intelligent LED engines for applications such as offices, schools, retail locations and hospitals. High-efficacy light engines deliver long life and excellent color, ensuring a superior quality lighting installation that is highly efficient and sustainable. Multiple lumen packages and driver options provide solutions for all your lighting applications. Featured nLight control system provides design flexibility and ease of installation and optimum energy savings.

CONSTRUCTION — Rugged, one-piece cold-rolled steel coated polyester, painted after fabrication with embossed facets (VTL) or smooth (VTS) reflector surface. Impact-modified, single clear acrylic diffuser provides excellent shielding and wide distribution. End plates include integral T-bar clips. Fixture may be mounted and wired in continuous rows. Total fixture height is only 4-3/8". Driver is accessible from below the fixture, behind the diffuser and channel cover.

OPTICS — Volumetric illumination is achieved by creating an optimal mix of light to walls, partitions, vertical and horizontal work surfaces — rendering the interior space, objects and occupants in a more balanced, complementary luminous environment. Deep drawn reflector cavity softens and distributes light into the space while minimizing luminous contrast between the fixture and ceiling. Sloped end plates provide a smooth, luminous transition between fixture and ceiling while enhancing the perception of fixture depth.

High-performance diffuser provides LED concealment, even illumination across the diffuser and improved lumen-per-watt performance.

Now available with two different aesthetics including the standard Acrylic Linear Prismatic Diffuser (ADP) and the Acrylic smooth (ADSM) diffuser. Both options are available with trim rings (ADSMT/ADPT).

ELECTRICAL — Long-life LEDs, coupled with high-efficiency drivers, provide superior quantity and quality of illumination for extended service life. 80% LED lumen maintenance at 60,000 hours (L80/60,000).

eldoLED driver options deliver choice of dimming range, and choices for control, while assuring flicker-free, low-current inrush, 89% efficiency and low EMI.

Standalone embedded controls: Luminaires with standalone embedded controls by SensorSwitch are designed, manufactured, tested, and shipped with the sensor or control device factory-installed. This simplifies design layouts and reduces total installed cost by eliminating field installation of control devices.

Networked embedded controls: Networked embedded controls by nLight address the requirements of Luminaire Level Lighting Controls (LLLC). Luminaires with networked embedded controls by nLight are designed, manufactured, tested, and shipped with occupancy, daylight sensors or control devices factory-installed. This simplifies design layouts and reduces total installed cost by eliminates field installation of control devices, while addressing code requirements.

INSTALLATION — Unique grid interfacing arrangement provides mounting into standard 1" and 9/16" tee bar or screw slot grids. 9/16" allows fixture trim to hang level with architectural ceiling tiles. Drywall ceiling adaptors available. Suitable for damp location.

LISTINGS — CSA Certified to meet U.S. and Canadian standards. IC rated. DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

GOVERNMENT PROCUREMENT — BAA — Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA — Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

NOTE: Actual performance may differ as a result of end-user environment and application. A generational electronics upgrade occurred in May 2019. The upgraded VT series LED troffer has a slight visual variation from previous generations.

All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

Catalog Number
Notes
Type

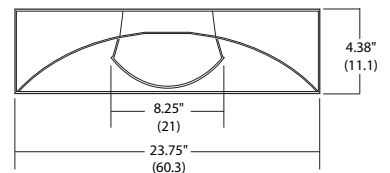
VT Series Volumetric LED Troffer

VTL/VTS



Dimensions

All dimensions are inches (centimeters) unless otherwise specified.

	Specifications	
Length 2X4:	47-3/4" (121.3)	
Length 2X2:	23-3/4" (60.3)	
Width 2X2, 2X4:	23-3/4" (60.3)	
Depth 2X2, 2X4:	4-3/8" (11.1)	

Embed nLight controls today. Prepare for tomorrow.

Now

- User-friendly install
- Enhanced energy savings
- Code compliance

Tomorrow

- Scalability
- Space configuration
- Future-ready

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 compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® or XPoint™ Wireless control networks when ordered with drivers marked by a shaded background*

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

*See ordering tree for details

VTL/VTs Volumetric Recessed Lighting 2'x2', 2'x4'



A+ Capable options indicated by this color background.

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: 2VTL4 40L ADPT EZ1 LP840 MSD7ADCX

2VTL4/2VTS4					
Series	Lumens ¹	Air function	Diffuser	Voltage	Driver
2VTL2 2X2 Ribbed Reflector	20L 2000 lumens	(blank) Static	ADP Acrylic linear prismatic	(blank) MVOLT	EZ1 eldoLED dims to 1%, 0-10V
2VTS2 2X2 Smooth Reflector	33L 3300 lumens	H Heat removal	ADPT Acrylic linear prismatic with diffuser trim rings	347 347V ³	EZB eldoLED dims to 0.1%, 0-10V
	40L 4000 lumens		ADSM Acrylic Curved, smooth		GZ1 Dims to 1% (0-10V dimming) ⁴
	48L 4800 lumens		ADSMT Acrylic Curved, smooth with diffuser trim rings		GZ10 Dims to 10% (0-10V dimming) ⁴
	60L 6000 lumens ²				EDB eldoLED DALI ⁵
	72L 7200 lumens ²				SLD Step-level dimming ⁵
2VTL4 2X4 Ribbed Reflector	30L 3000 lumens				
2VTS4 2X4 Smooth Reflector	40L 4000 lumens				
	48L 4800 lumens				
	60L 6000 lumens				
	72L 7200 lumens				
	85L 8500 lumens				
	100L 10000 lumens ²				
	120L 12000 lumens ²				

Color temperature	nLight Interface	Control	Options
LP830 3000 K, 80CRI	nLight Wired	nLight Wired	BDP Disconnect Plug
LP835 3500 K, 80CRI	(blank) No nLight® interface	(blank) No nLight control	E7W 7W Emergency battery pack, constant power, Certified in CA Title 20 MAEDBS, User selectable Self-Diagnostic, AC Activate with Integral Test Switch (LINK) ‡
LP840 4000 K, 80CRI	N80 nLight® with 80% lumen management	NES7 nLight® nES 7 PIR integral occupancy sensor ^{8,9}	E10W 10W Emergency battery pack, constant power, Certified in CA Title 20 MAEDBS, User selectable Self-Diagnostic, AC Activate with Integral Test Switch (LINK) ‡
LP850 5000 K, 80CRI	N80EMG nLight® with 80% lumen management. For use with generator supply EM power ⁶	NESPDT7 nLight® nES PDT 7 dual technology integral occupancy control ^{8,9}	BGTD Bodine Generator Transfer Device ^{10,11}
LP930 3000 K, 90CRI	N100 nLight® without lumen management	NES7ADCX nLight® nES 7 ADCX PIR integral occupancy sensor with automatic dimming photocell ^{8,9}	PWS1836 6' pre-wire 3/8" diameter, 18 gauge, 1 circuit
LP935 3500 K, 90CRI	N100EMG nLight® without lumen management. For use with generator supply EM power ⁶	NESPDT7ADCX nLight® nES PDT 7 dual technology integral occupancy sensor with automatic dimming photocell ^{8,9}	PWS1846 6' pre-wire 3/8" diameter, 18 gauge, 2 circuit
LP940 4000 K, 90CRI	nLight Wireless	nLight Wireless	PWS1846 PWSLV Two cables: one 6' prewire, 3/8" diameter, 18 gauge, 2 circuits; one 6' pre-wire, 3/8" diameter, 18 gauge
LP950 5000 K, 90CRI	(blank) No nLight® interface	(blank) No nLight control	PWS1856LV 6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit w/ low voltage wires
	NLTAIR2 nLight® Air Generation 2 enabled ^{7,8}	RES7 nLight AIR control with PIR integral occupancy sensor and automatic dimming photocell ^{7,8,12}	CP Chicago plenum ¹³
		RES7PDT nLight AIR control with PDT dual technology integral occupancy sensor and automatic dimming photocell ^{7,8,12}	BAA Buy America(n) Act and/or Build America Buy America Qualified
		RIO nLight® AIR radio module without sensor ^{7,8,12}	
		RES7EM nLight AIR PIR integral occupancy sensor with automatic dimming photocell and UL924 Emergency Operation, via power interrupt detection ¹²	
		RES7PDTEM nLight AIR microphonics dual technology occupancy sensor with automatic dimming photocell and UL924 Emergency Operation, via power interrupt detection ¹²	
		RIOEM nLight AIR radio module less sensor, with UL924 Emergency Operation, via power interrupt detection ¹²	
		Individual Control	
		MSD7ADCX PIR integral occupancy sensor with automatic dimming control photocell ⁸	
		MSDPDT7ADCX PDT integral occupancy sensor with automatic dimming control photocell ⁸	

Notes

- 1 Approximate lumen output.
- 2 Not available with SLD, E7W.
- 3 Not available with SLD, E7W, E10W.
- 4 GZ1, GZ10 drivers not available with any Controls or sensor options.
- 5 Not available with N80, N80EMG, N100, or N100EMG, or NLTAIR2.
- 6 nLight EMG option requires a connection to existing nLight network. Power is provided from a separate N80 or N100 enabled fixture.
- 7 Must order with RES7, RES7PDT, or RIO sensor. Only available with EZ1/EZB driver. Not available with 72L, 85L, 100L and 120L.
- 8 Must specify ADPT diffuser. See sensor section on page 3.
- 9 Requires N80, N80EMG, N100, or N100EMG.
- 10 Not available with SLD. When using a pre-wire option, use PWS1846 or PWS1846 PWSLV.
- 11 Must specify voltage. Requires [BSE labeling](#), voltage specific. Consult factory for options.
- 12 See UL 924 Sequence of Operation chart on page 4. When combined with the EZ1 option, can be used as a normal power sensing device for nLight AIR devices and luminaires with EM emergency options.
- 13 Not available with N80, N80EMG, N100, N100EMG, PWS1836, PWS1846, PWS1846 PWSLV or PWS1856LV.

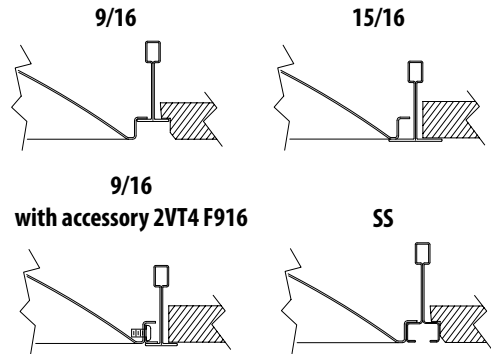
VTL/VTS Volumetric Recessed Lighting 2'x2', 2'x4'

Accessories: Order as separate catalog number.	
2VT4 F916	Trim to adjust fixture mounting flush with 9/16" T-bar; for 2x4 fixture
2VT2 F916	Trim to adjust fixture mounting flush with 9/16" T-bar; for 2x2 fixture
DGA22 FS/VT	2X4 Drywall ceiling adapter with trim kit
DGA24 FS/VT	2X2 Drywall ceiling adapter with trim kit
2X4SMKSHP PAF	2X4 Surface Mount Troffer Kit Post Paint
2X2SMKSHP PAF	2X2 Surface Mount Troffer Kit Post Paint
RK8BDP 2P U	Disconnect Plug (BDP), 2 Pole, Package of 1
RK8BDP 3P U	Disconnect Plug (BDP), 3 Pole, Package of 1
RK8BDP 2P J10	Disconnect Plug (BDP), 2 Pole, Package of 10
RK8BDP 2P J40	Disconnect Plug (BDP), 2 Pole, Package of 40

BSE Labeling Options	
BSE10	Drivers load transfer relay installed per manufacturer's instructions. Voltage, BGTD and BSE10 called out.
BSE14	One voltage fixture with driver load control relay supplied with one prewire (PWS option). Prewire wired for normal circuit, the control relay for emergency circuit left unconnected. Voltage, BGTD, BSE14 and prewire called out, in the description.

*For configurations with Reloc or two voltages an RFA modification is required.

Mounting data



Emergency Battery Pack Options - Field Installable

Battery Model Number	Wattage	Runtime (Minutes)	Lumen Output* @ 120 Lumens/Watt	Other
ILB CP07 2H A	7W	120	840	Storm Shelter/ 2-hour Runtime
ILB CP10 A	10W	90	1200	
ILB CP10 HE AELR A	10W	90	1200	Title 20; Enabled with Self Testing, Automated Reporting (STAR)
ILBLP CP10 HE SD A	10W	90	1200	Title 20, Self Diagnostic
ILBLP CP15 HE SD A	15W	90	1800	Title 20, Self Diagnostic
ILB CP20 HE A	20W	90	2400	Title 20
ILB CP20 HE SD A	20W	90	2400	Title 20, Self Diagnostic

All the above are UL 924 Listed products that are certified for field install external/remote to the fixture.
*Minimum delivered lumen output to assist in product selection for increased fixture mounting height.
Delivered emergency illumination of CP10 models outperforms legacy 1400 lumen fluorescent emergency ballasts.
Please contact us at techsupport@iotaengineering.com for any Emergency Battery related questions.

Enabled with STAR

Emergency Lighting with Self-Testing Automated Reporting (STAR), enables self-testing and automated reporting to aid in life safety code compliance. Build your solution and choose your preferred deployment from Mobile STAR, where test data is logged in each individual unit and broadcast to the CLAIRity™+ app, or Connected STAR, where test data is logged in the STAR Gateway by IOTA® and emailed directly. **Leave the ladders, disruptions and written records behind with emergency lighting solutions with STAR!**

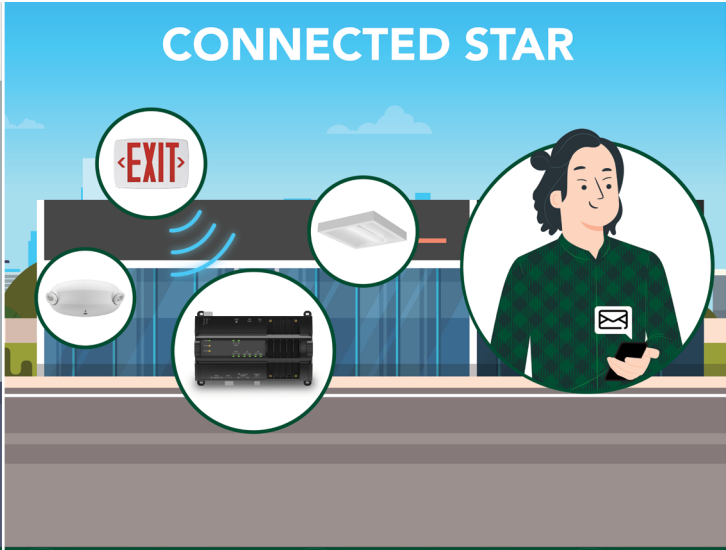
Life Safety Code NFPA 101 testing and reporting requirements for emergency lighting include:

-  Testing for 30 seconds every 30 days
-  Testing for 90 minutes once a year
-  Record keeping and to report to the authority having local jurisdiction



MOBILE STAR

For small scale applications



CONNECTED STAR

For large scale applications

nLight® Wired Control Accessories: <i>Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlight.</i>			
WallPod stations	Model number	Occupancy sensors	Model number
On/Off	nPODM [color]	Small motion 360°, ceiling (PIR / dual tech)	nCM 9 RJB / nCM PDT 9 RJB
On/Off & raise/lower	nPODM DX [color]	Large motion 360°, ceiling (PIR / dual tech)	nCM10 RJB / nCM PDT 10 RJB
Graphic touchscreen	nPOD GFX [color]	Wall switch with raise/lower	nWSX PDT LV DX [color]
Photocell controls	Model number	Cat-5 cable (plenum rated)	Model number
Full range dimming	nCM ADCX RJB	10' cable	CAT5 10FT J1
		30' cable	CAT5 30FT J1

nLight® AIR Control Accessories: <i>Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlightair.</i>	
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
On/Off & raise/lower single pole	rPODBZ DX WH G2

UL924 Sequence of Operation

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

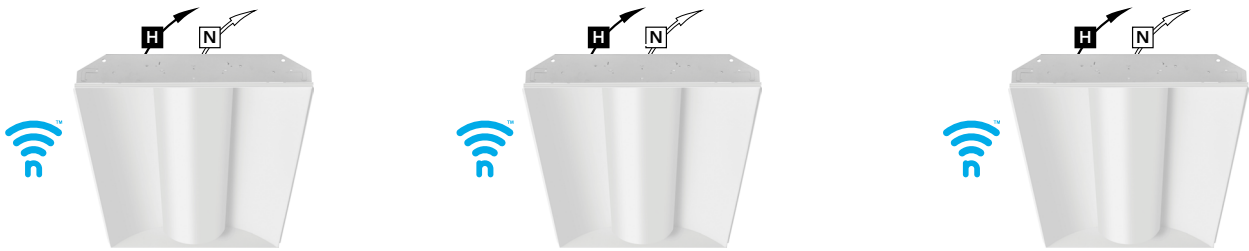
- EM devices will remain at their high-end trim and ignore wireless lighting control commands, unless a normal-power-sensed (NPS) broadcast is received at least every 8 seconds.
- Using the CLAIRITY+ mobile app, EM devices must be associated with a group that includes a normal power sensing device to 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.

VTL/VTS Volumetric Recessed Lighting 2'x2', 2'x4'

nLight Platform

nLight embedded fixtures offer:	Customers get:
Manual Dimming	Convenience and visual comfort for occupants
Motion Sensing and/or Daylight Harvesting	Energy savings and code compliance
Fixture or Group Level Control	Ability to configure lighting to the space requirements
Flexibility	Ease of fixture moves, adds and changes
Wireless Wall Switch (nLight AIR Only)	Ease and flexibility of placement
Astronomical and Time of Day Scheduling	Energy savings and building security
Scalable Solution	nLight controls to grow with your business
Future-Ready	nLight platform to set foundation for future upgrades and capabilities

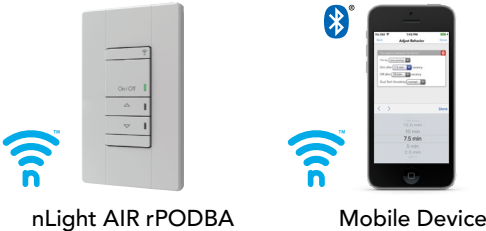
nLight Air Wireless



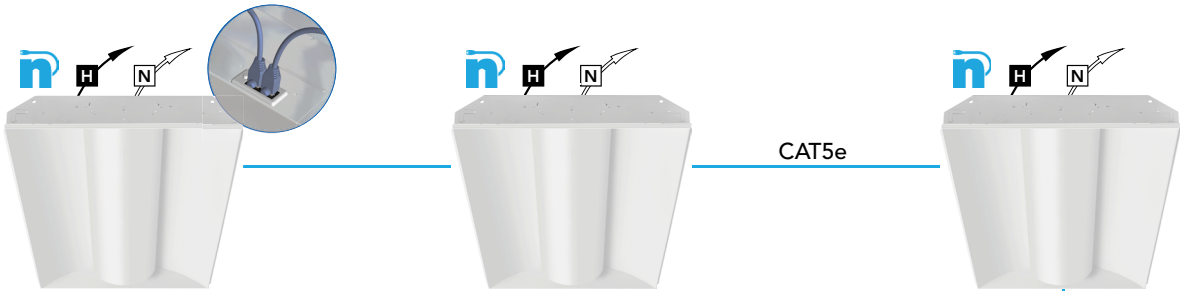
2VTL/2VTS 2X4 Series

Simple as 1,2,3

1. Install the nLight® AIR fixtures with embedded smart sensor
2. Install the wireless battery-powered wall switch
3. With CLAIRITY+ app, pair the fixtures with the wall switch and if desired, customize the sensor settings for the desired outcome



nLight Wired Networking



2VTL/2VTS 2X4 Series

Simple as 1,2,3

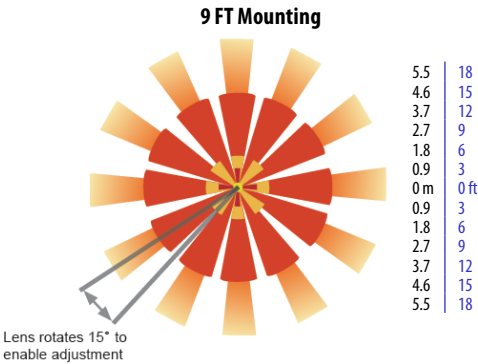
1. Install the nLight® Wired fixtures with embedded control
2. Install the nLight Wired wall switch
3. Connect the fixtures using standard CAT5e cables and the devices will automatically discover each other and work (plug and play)

nLight Wired rPODMA

Sensor Options					
Option	Automatic Dimming Photocell	Occupancy Sensing		nLight Wired Networking	nLight AIR Networking
		PIR	PDT		
MSD7ADCX	X	X			
MSDPDT7ADCX	X		X		
NES7		X		X	
NES7ADCX	X	X		X	
NESPD7			X	X	
NESPD7ADCX	X		X	X	
RES7	X	X			X
RESPDT7	X	X	X		X

Sensor Coverage Pattern
Mini 360° Lens

- Recommended for walking motion detection from mounting heights between 8 ft (2.44 m) and 20 ft (6.10 m)
- Initial detection of walking motion along sensor axes at distances of 2x the mounting height up to 15 ft (4.57 m) and
- 1.75x up to 20 ft (6.10 m).
- Provides 12 ft (3.66 m) radial detection of small motion when mounted at 9 ft (2.74 m)
- Initial detection will occur earlier when walking across sensor's field of view than when walking directly at sensor



Integrated Sensor with Individual Control

The MSD7ADCX PIR occupancy sensor/automatic dimming photocell is ideal for areas without obstructions and where daylight harvesting may be desired. Suggested applications include, but not limited to, hallways, corridors, storage rooms, and breakrooms or other areas where people are typically moving.

The MSDPDT7ADCX PIR/Microphonics Dual Tech occupancy sensor/automatic dimming photocell is ideal for areas with obstructions and where daylight harvesting is desired. Suggested applications include, but not limited to, open offices, private offices, classrooms, public restrooms, and conference rooms.

nLight AIR Wireless

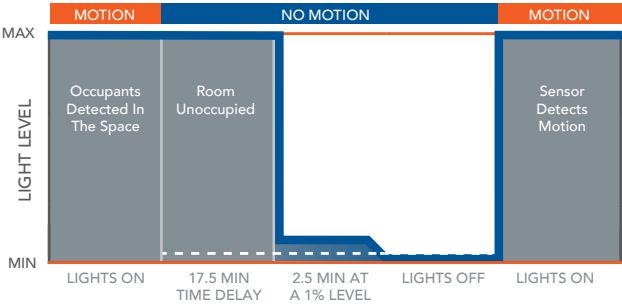
nLight AIR is the ideal solution for retrofit or new construction spaces where adding additional wiring can be labor intensive and nLight AIR is available with or without an integral sensor. The integrated rES7 or rES7PDT smart sensors are part of each luminaire in the nLight AIR network, which can be grouped to control multiple luminaires. The granularity of control with the digital PIR occupancy detection and daylight sensing makes a great solution for any application.

nLight Wired Networking

The nES 7 is ideal for small rooms without obstructions or areas with primarily walking motion. Ideal areas include hallways, corridors, storage rooms, and breakrooms. Additionally, the nES7ADCX includes an integrated photocell, which enables daylight harvesting controls.

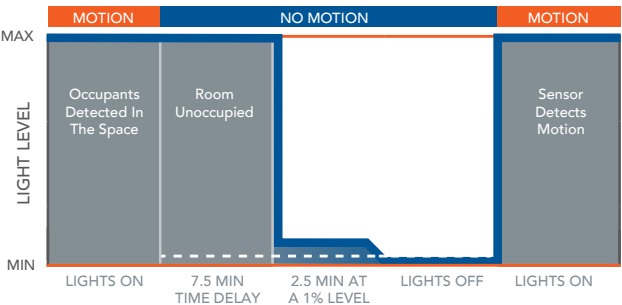
For areas like restrooms, private offices, open offices, conference rooms or any space with obstructions, the nES PDT 7 dual technology sensor is recommended. The nES PDT 7 utilizes both PIR (passive infrared) and Microphonics technologies to detect occupancy. Additionally, the nESPD7ADCX includes an integrated photocell, which enables daylight harvesting controls which is ideal for areas where windows are present.

Sequence of Operation (MSD7 Sensor)



*The presetting on the automatic dimming photocell is 5fc.

Sequence of Operation (nES7 and rES7 and Sensor)



*The presetting on the automatic dimming photocell is 5fc (NES7) and 10fc (RES7).

VTL/VTS Volumetric Recessed Lighting 2'x2', 2'x4'

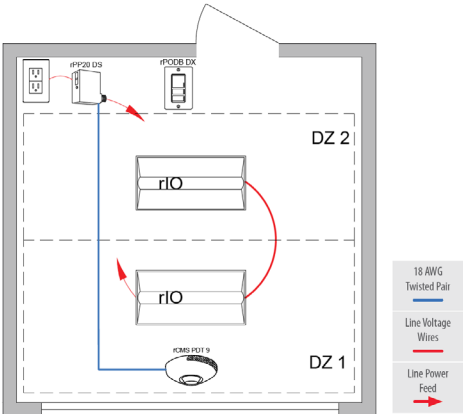
Controls Accessories

nLight® Wired Control Accessories: Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlight .			
WallPod stations	Model number	Occupancy sensors	Model number
On/Off	nPODMA [Color]	Small motion 360°, ceiling (PIR / dual tech)	nCM 9 RJB / nCM PDT 9 RJB
On/Off & raise/lower	nPODMA DX [Color]	Large motion 360°, ceiling (PIR / dual tech)	nCM10 RJB / nCM PDT 10 RJB
Graphic touchscreen	nPOD TOUCH [Color]	Wall switch with raise/lower	nWSX PDT LV DX [color]
Photocell controls	Model number	Cat-5 cable (plenum rated)	Model number
Full range dimming	nCM ADCX RJB	10' cable	CATS 10FT J1
		30' cable	CATS 30FT J1

VTL fixtures with integrated rIO devices complement any small office space. Pair them with an rCMS occupancy sensor and the space now has wireless occupancy sensing and dimming capability. For additional configuration options please consult with Tech Support.



nLight® AIR Control Accessories: Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlightair .	
Wall switches	Model number
On/Off single pole	rPODBA [color] G2
On/Off two pole	rPODB A2P [color] G2
On/Off & raise/lower single pole	rPODBA DX [color] G2
On/Off & raise/lower two pole	rPODBA 2P DX [color] G2



rCMS ¹					Example: RCMS PDT 10 AR G2	
Series / Detection		Power Supply ¹	Occupancy Detection	Lens (Required)	Operating Mode	Generation
RCMS	nLight AIR occupancy and daylight sensor	[blank] Power Supply ordered separately	[blank] PIR Detection PDT Dual Tech PIR/Microphonics	10 Large Motion/ Extended Range 360°	[BLANK] None AR Auxiliary Relay	G2 Generation 2 compatibility
		PS 150 Standard 150 mA Power Supply		9 Small Motion/ Extended Range 360°		
				6 High Bay 360° Lens		

Notes
1 RCMS requires low voltage power from either RPP20 DS 24V G2 or PS150.



Sensor Switch
WSXA D



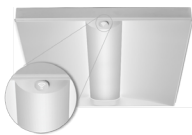
nLight WIRED
NPOD UNITOUCH



nLight WIRED
nPODMA DX



nLight AIR
rPODBA



VTL with rIO



rPODBA



RCMS

VTL/VTS Volumetric Recessed Lighting 2'x2', 2'x4'

2X4 Performance Data			
Lumen Package	Lumens	Input Watts²	LPW
30L ADP LP830	3224	23.2	139
30L ADP LP835	3280	23.2	141
30L ADP LP840	3335	23.2	144
30L ADP LP850	3335	23.2	144
30L ADP LP930	2668	23.2	115
30L ADP LP935	2780	23.2	120
30L ADP LP940	2835	23.2	122
30L ADP LP950	2835	23.2	122
40L ADP LP830	4138	31.4	132
40L ADP LP835	4210	31.4	134
40L ADP LP840	4281	31.4	137
40L ADP LP850	4281	31.4	137
40L ADP LP930	3425	31.4	109
40L ADP LP935	3568	31.4	114
40L ADP LP940	3639	31.4	116
40L ADP LP950	3639	31.4	116
48L ADP LP830	5149	38.4	134
48L ADP LP835	5238	38.4	136
48L ADP LP840	5326	38.4	139
48L ADP LP850	5326	38.4	139
48L ADP LP930	4261	38.4	111
48L ADP LP935	4439	38.4	116
48L ADP LP940	4528	38.4	118
48L ADP LP950	4528	38.4	118
60L ADP LP830	6194	47.7	130
60L ADP LP835	6301	47.7	132
60L ADP LP840	6407	47.7	134
60L ADP LP850	6407	47.7	134
60L ADP LP930	5126	47.7	107
60L ADP LP935	5340	47.7	112
60L ADP LP940	5446	47.7	114
60L ADP LP950	5446	47.7	114
72L ADP LP830	7316	59.0	124
72L ADP LP835	7442	59.0	126
72L ADP LP840	7568	59.0	128
72L ADP LP850	7568	59.0	128
72L ADP LP930	6055	59.0	103
72L ADP LP935	6307	59.0	107
72L ADP LP940	6433	59.0	109
72L ADP LP950	6433	59.0	109
85L ADP LP830	8331	67.7	123
85L ADP LP835	8475	67.7	125
85L ADP LP840	8618	67.7	127
85L ADP LP850	8618	67.7	127
85L ADP LP930	6895	67.7	102
85L ADP LP935	7182	67.7	106
85L ADP LP940	7326	67.7	108
85L ADP LP950	7326	67.7	108
100L ADP LP830	10153	82.2	123
100L ADP LP835	10328	82.2	126
100L ADP LP840	10503	82.2	128
100L ADP LP850	10503	82.2	128
100L ADP LP930	8402	82.2	102
100L ADP LP935	8752	82.2	106
100L ADP LP940	8928	82.2	109
100L ADP LP950	8928	82.2	109
120L ADP LP830	12543	98.1	128
120L ADP LP835	12760	98.1	130
120L ADP LP840	12976	98.1	132
120L ADP LP850	12976	98.1	132
120L ADP LP930	10381	98.1	106
120L ADP LP935	10813	98.1	110
120L ADP LP940	11029	98.1	112
120L ADP LP950	11029	98.1	112

Note: Based on ADP diffuser

How to Estimate Delivered Lumens in Emergency Mode

Use the formula below to estimate the delivered lumens in emergency mode

Delivered Lumens = 1.25 x P x LPW

P = Output power of emergency driver. P = 10W for E10WLCPOption.

LPW = Lumen per watt rating of the luminaire. This information is available on the ABL

luminaire spec sheet. LPW = Lumen per watt rating of the luminaire. LPW information available in Performance Data section.

2X2 Performance Data			
Lumen Package	Lumens	Input Watts²	LPW
20L ADP LP830	2004	15.9	126
20L ADP LP835	2038	15.9	128
20L ADP LP840	2073	15.9	130
20L ADP LP850	2073	15.9	130
20L ADP LP930	1658	15.9	104
20L ADP LP935	1727	15.9	109
20L ADP LP940	1762	15.9	111
20L ADP LP950	1762	15.9	111
33L ADP LP830	3243	26.3	124
33L ADP LP835	3299	26.3	126
33L ADP LP840	3355	26.3	128
33L ADP LP850	3355	26.3	128
33L ADP LP930	2684	26.3	102
33L ADP LP935	2796	26.3	106
33L ADP LP940	2852	26.3	109
33L ADP LP950	2852	26.3	109
40L ADP LP830	4001	33.1	121
40L ADP LP835	4070	33.1	123
40L ADP LP840	4139	33.1	125
40L ADP LP850	4139	33.1	125
40L ADP LP930	3311	33.1	100
40L ADP LP935	3449	33.1	104
40L ADP LP940	3518	33.1	106
40L ADP LP950	3518	33.1	106
48L ADP LP830	4681	38.3	122
48L ADP LP835	4761	38.3	124
48L ADP LP840	4842	38.3	126
48L ADP LP850	4842	38.3	126
48L ADP LP930	3874	38.3	101
48L ADP LP935	4035	38.3	105
48L ADP LP940	4116	38.3	107
48L ADP LP950	4116	38.3	107
60L ADP LP830	5948	49.0	121
60L ADP LP835	6050	49.0	124
60L ADP LP840	6153	49.0	126
60L ADP LP850	6153	49.0	126
60L ADP LP930	4922	49.0	101
60L ADP LP935	5127	49.0	105
60L ADP LP940	5230	49.0	107
60L ADP LP950	5230	49.0	107
72L ADP LP830	7192	56.8	127
72L ADP LP835	7316	56.8	129
72L ADP LP840	7440	56.8	131
72L ADP LP850	7440	56.8	131
72L ADP LP930	5952	56.8	105
72L ADP LP935	6220	56.8	109
72L ADP LP940	6324	56.8	111
72L ADP LP950	6324	56.8	111