



Gotham Architectural Downlighting
LED Downlights



6" Evo®
Lensed Wallwash



Solid-State Lighting

FEATURES

OPTICAL SYSTEM

- Self-flanged semi-specular, matte-diffuse or specular lower reflector
- Proprietary mixing chamber delivers a uniform distribution of light to the wall
- Top-down flash characteristic
- For optimal uniformity, the recommended luminaire spacing is 3' from the wall and 3' centers

MECHANICAL SYSTEM

- 16-gauge galvanized steel construction; maximum 1-1/2" ceiling thickness
- Telescopic mounting bars maximum of 32" and minimum of 15", preinstalled, 4" vertical adjustment
- Toolless adjustments post installation
- Junction box capacity: 8 (4 in, 4 out) 12AWG rated for 90°C
- Light engine and driver accessible through aperture

ELECTRICAL SYSTEM

- Fully serviceable and upgradeable lensed LED light engine
- 70% lumen maintenance at 60,000 hours based on IESNA LM-79-2008
- Tested according to LM-79 and LM-80 standards
- Overload and short circuit protected
- 2.5 SDCM; 85 CRI typical, 90+ CRI optional

LISTINGS

- Fixtures are CSA certified to meet US and Canadian standards; wet location, covered ceiling

WARRANTY

- 5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

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.

WATTAGE CONSUMPTION MATRIX			
LUMENS	LM ACTUAL	WATTAGE	LUMENS per WATT
1000	741	11.9	62.3
1500	1090	18.6	58.6
2000	1508	24.5	61.6
2500	1926	30.3	63.6
3000	2247	37.9	59.3
3500	2403	40.5	59.3
4000	2959	48.1	61.5
4500	3457	51.3	67.4

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® control networks when ordered with drivers marked by a shaded background*
- This luminaire is part of an A+ Certified solution for nLight® control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a shaded background*

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

*See ordering tree for details

ORDERING INFORMATION



A+ Capable options indicated by this color background.



Design2Ship Quick Ship Program: Options in green text qualify for Design2Ship — 5 business days from order entry to ship. Refer to Design2Ship Brochure for complete program details. **Maximum Order Quantity: 100 units; 50 for Chicago Plenum.**

EXAMPLE: EVO LW 35/10 GARFL LSS MVOLT EZ1

Series	Type	Color temperature	Nominal lumen values	Aperture/Trim color	Trim Style	Finish	Voltage	
EVO	LW	27/ 2700 K	10 1000 lumens	30 3000 lumens	6AR Clear	(blank) Self-flanged	LSS Semi-specular	MVOLT
		30/ 3000 K	15 1500 lumens	35 3500 lumens	6PR Pewter	FL Flangeless	LD Matte diffuse	120
		35/ 3500 K	20 2000 lumens	40 4000 lumens	6WTR Wheat		LS Specular	277
		40/ 4000 K	25 2500 lumens	45 4500 lumens	6GR Gold			347
		40/ 4000 K			6WR ¹ White			
		50/ 5000 K			6BR ¹ Black			

Driver ³	Options
<p>GZ10 0-10V driver dims to 10%</p> <p>GZ1 0-10V driver dims to 1%</p> <p>EZ10 eldoLED 0-10V ECOdrive. Linear dimming to 10% min.</p> <p>EZ1 eldoLED 0-10V ECOdrive. Linear dimming to 1% min.</p> <p>EZB eldoLED 0-10V SOLOdrive. Logarithmic dimming to <1%.</p> <p>EDAB⁴ eldoLED SOLOdrive DALI. Logarithmic dimming to <1%.</p> <p>EDXB⁴ eldoLED POWERdrive DMX with RDM (remote device management). Square Law dimming to <1%. Includes termination resistor. Refer to DMXR Manual.</p> <p>EXA1 XPoint Wireless, eldoLED 0-10V ECOdrive. Linear dimming to 1%. Refer to XPoint tech sheet.</p> <p>EXAB XPoint Wireless, eldoLED 0-10V SOLOdrive. Logarithmic dimming to <1%. Refer to XPoint tech sheet.</p> <p>ECOS2^{4,5} Lutron® Hi-Lume® 2-wire forward-phase driver. Minimum dimming level 1%. Minimum lumen 1000/Maximum lumen 3000. 120V only.</p> <p>ECOS3⁴ Lutron® Hi-Lume® 3-wire or EcoSystem® dimming driver. Minimum dimming level 1%. Minimum lumen 1000/Maximum lumen 4500.</p>	<p>SF Single fuse. Specify 120V or 277V.</p> <p>TRW⁶ White painted flange</p> <p>TRBL⁷ Black painted flange</p> <p>ELR⁸ Emergency battery pack with remote test switch</p> <p>ELRSD⁸ Emergency battery pack with self-diagnostics, remote test switch. (4500lm max)</p> <p>E10WCPR⁸ Emergency battery pack, 10W Constant Power, CA Title 20 compliant with remote test switch. (4500lm max)</p> <p>NPP16D⁹ nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (GZ10, GZ1).</p> <p>NPP16DER⁹ nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (GZ10, GZ1). ER controls fixtures on emergency circuit.</p> <p>NPS80EZ⁹ nLight® dimming pack controls 0-10V eldoLED drivers (EZ_).</p> <p>NPS80EZER⁹ nLight® dimming pack controls 0-10V eldoLED drivers (EZ_). ER controls fixtures on emergency circuit.</p> <p>N80¹⁰ nLight® Lumen Compensation</p> <p>BGTD Bodine generator transfer device. Specify 120V or 277V.</p> <p>CR190 High CRI (90+)</p> <p>CP¹¹ Chicago plenum. Specify 120V or 277V.</p> <p>RRL RELOC®-ready luminaire connectors enable a simple and consistent factory installed option across all ABL luminaire brands. Refer to RRL for complete nomenclature.</p> <p>NLTAIR2¹² nLight® Air enabled</p> <p>NLTAIRER2¹² nLight® AIR Dimming Pack Wireless Controls. Controls fixtures on emergency circuit</p>

ACCESSORIES

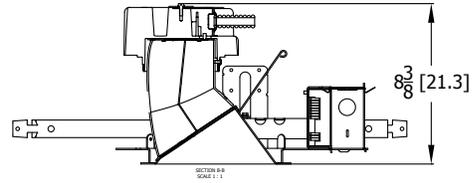
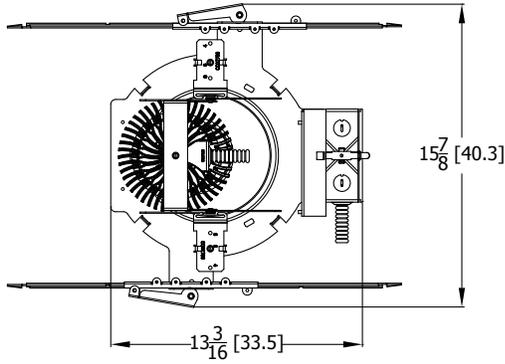
ACCESSORIES order as separate catalog numbers (shipped separately)	
ISD BC	0-10V wallbox dimmer. Refer to ISD-BC .

NOTES

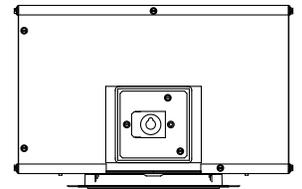
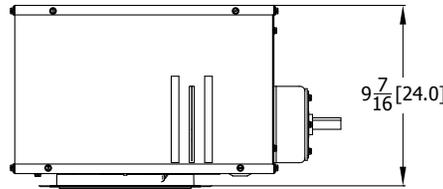
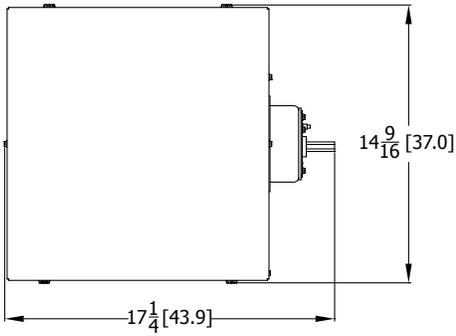
ORDERING NOTES	
1. Not available with finishes.	8. For dimensional changes, refer to TECH-140 . Not available with 347V.
2. Not available with GZ10, GZ1, EL or ELR options.	9. Specify voltage. For use with generator supply EM power. Will require an emergency hot feed and normal hot feed.
3. Refer to TECH-240 for compatible dimmers.	10. Fixture begins at 80% light level. Must be specified with NPS80EZ or NPS80EZER.
4. Not available with nLight® and XPoint options.	11. ELR not available. CP & ECOS2 - 3000 lumen max. CP & ECOS3 - 4000 lumen max. CP, ECOS2/ECOS3 & EL - 2000 lumen max.
5. Must Specify voltage 120V.	12. Not available DALI or DMX drivers. Not available with CP, NPS80EZ, NPS80EZER, NPP16D, NPP16DER or N80 options. Not recommended for metal ceiling applications.
6. Not available with white reflector.	
7. Not available with black reflector.	

DIMENSIONAL DATA

All dimensions are inches (centimeters) unless otherwise noted.



DIMENSIONS FOR CHICAGO PLENUM



ELECTRICAL

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

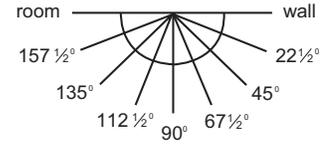
P = Output power of emergency driver. P = 10W for PS1055CP

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

The LPW rating is also available at Designlight Consortium.

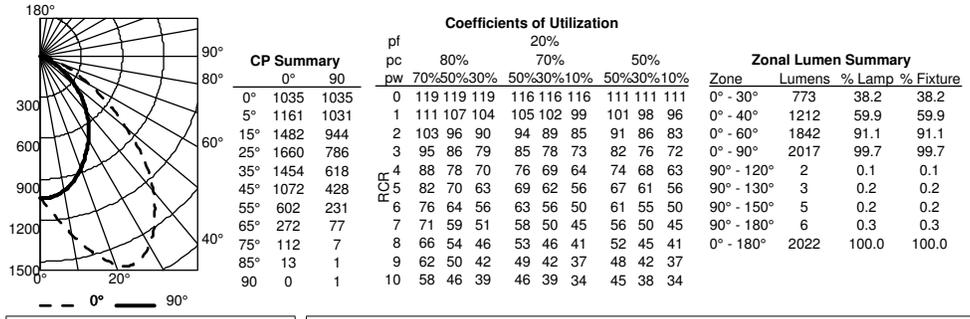
TECHNICAL INFORMATION

Footcandle values are initial and tables are based on minimum of six units. For fixture-to-wall distance other than those shown, use maximum of one-to-one spacing (distance between fixtures not more than distance to wall) for best results.

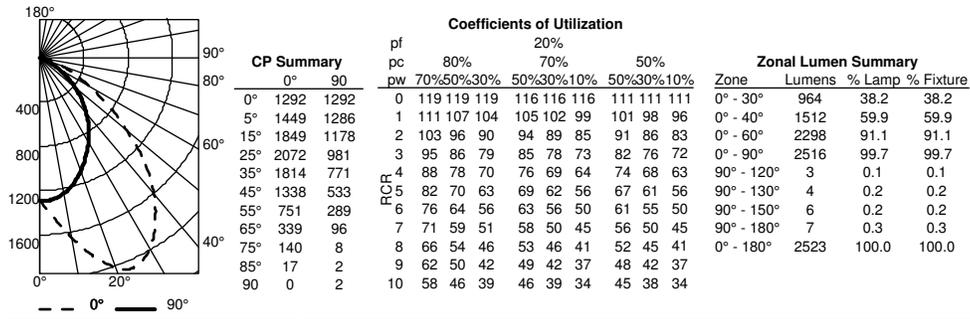


Candlepower Data	Footcandle values
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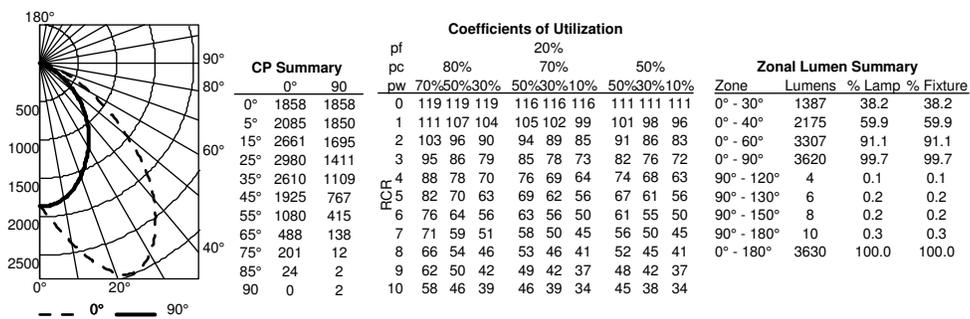
EVO LW 35/25 4AR LS INPUT WATTS: 30.31, DELIVERED LUMENS: 2022.3, LM/W = 66.72, TEST NO. ISF 31499P34



EVO LW 35/35 4AR LS INPUT WATTS: 40.45, DELIVERED LUMENS: 2523.1, LM/W = 62.37, TEST NO. ISF 31499P40



EVO LW 35/45 4AR LS INPUT WATTS: 51.27, DELIVERED LUMENS: 3629.8, LM/W = 70.79, TEST NO. ISF 31499P46



Lumen Output Multiplier Per CRI, Color Temperature & Trim Finish

CRI	Factor
80 CRI	1
90 CRI	0.79
CCT	Factor
5000K	1.101
4000K	1.035
3500K	1
3000K	0.973
2700K	0.938

FINISH	Clear (AR)	Pewter (PR)	Wheat (WTR)	Gold (GR)	White (WR/WRAMF)	Black (BR)
Specular (LS)	1.00	0.88	0.83	0.95	N/A	N/A
Semi-Specular (LSS)	0.95	0.84	0.79	0.90	N/A	N/A
Matte Diffuse (LD)	0.85	0.73	0.69	0.80	N/A	N/A
Paint	N/A	N/A	N/A	N/A	0.87	0.73

Choose Wall Controls.

nLIGHT offers multiple styles of wall controls – each with varying features and user experience.



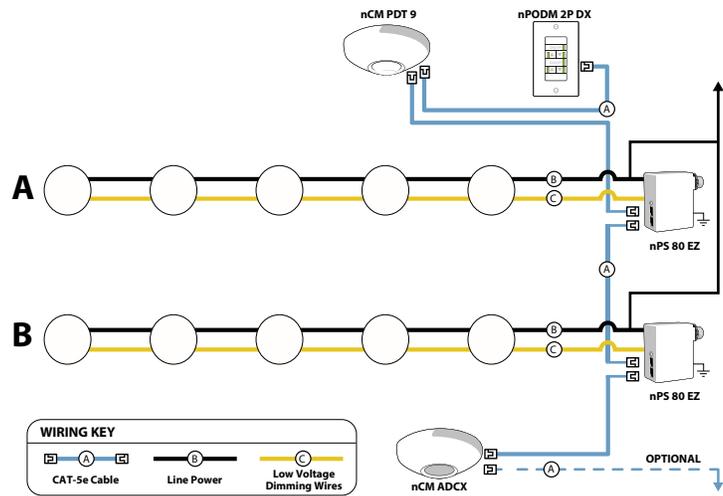
Push-Button WallPod
Traditional tactile buttons and LED user feedback



Touch WallPod
Contemporary capacitive touch style buttons with audible clicker for user feedback



Graphic WallPod
Full color touch screen provides a sophisticated look and feel



EXAMPLE

Group Fixture Control*

*Application diagram applies for fixtures with eldoLED drivers only.

- nPS 80 EZ Dimming/Control Pack (qty 2 required)
- nPODM 2P DX Dual On/Off/Dim Push-Button WallPod
- nCM ADCX Daylight Sensor with Automatic Dimming Control
- nCM PDT 9 Dual Technology Occupancy Sensor

Description: This design provides a dual on/off/dim wall station that enables manual control of the fixtures in Row A and Row B separately. Additionally, a daylight harvesting sensor is provided so the lights in row B can be configured to dim automatically when daylight is available. An occupancy sensor turns off all lights when the space is vacant.

nLight® Control Accessories:			
<i>Order as separate catalog number. Visit www.sensorswitch.com/nLight for complete listing of nLight® controls.</i>			
WallPod stations	Model number	Occupancy sensors	Model number
On/Off	nPODM [color]	Small motion 360°, ceiling (PIR / dual tech)	nCM 9 / nCM PDT 9
On/Off & Raise/Lower	nPODM DX [color]	Large motion 360°, ceiling (PIR / dual tech)	nCM 10 / nCM PDT 10
Graphic Touchscreen	nPOD GFX [color]	Wide view (PIR / dual tech)	nWV 16 / nWV PDT 16
Photocell controls	Model number	Wall Switch w/ Raise/Lower (PIR / dual tech)	nWSX LV DX / nWSX PDT LV DX
On/Off & Dimming	nCM ADCX	Cat-5 cables (plenum rated)	Model number
		10', CAT5 10FT	CAT5 10FT J1
		15', CAT5 15FT	CAT5 15FT J1