



# WEDGE1 LED

## Architectural Wall Sconce



Catalog Number

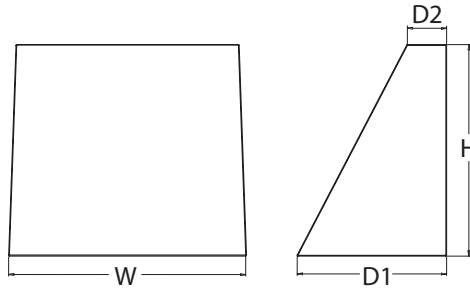
Notes

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Hit the Tab key or mouse over the page to see all interactive elements.

### Specifications

- Depth (D1):** 5.5"
- Depth (D2):** 1.5"
- Height:** 8"
- Width:** 9"
- Weight:** 9 lbs  
(without options)



### Introduction

The WEDGE1 family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing true site-wide solution.

WEDGE1 delivers up to 2,000 lumens with a soft, non-pixelated light source, creating a visually comfortable environment. The compact size of WEDGE1, with its integrated emergency battery backup option, makes it an ideal over-the-door wall-mounted lighting solution.

### WEDGE LED Family Overview

Luminaire	Standard EM, 0°C	Cold EM, -20°C	Sensor	Lumens (4000K)					
				P1	P2	P3	P4	P5	P6
WEDGE1 LED	4W	--	--	1,200	2,000	--	--	--	--
WEDGE2 LED	10W	18W	Standalone / nLight	1,200	2,000	3,000	4,500	6,000	--
WEDGE3 LED	15W	18W	Standalone / nLight	7,500	8,500	10,000	12,000	--	--
WEDGE4 LED	--	--	Standalone / nLight	12,000	16,000	18,000	20,000	22,000	25,000

### Ordering Information

**EXAMPLE:** WEDGE1 LED P2 40K 80CRI VF MVOLT SRM PE DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting
WEDGE1 LED	P1 P2	27K 2700K	80CRI	VF Visual comfort forward throw	MVOLT 347 <sup>2</sup>	<b>Shipped included</b> SRM Surface mounting bracket ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only) <sup>5</sup>  <b>Shipped separately</b> AWS 3/8inch Architectural wall spacer PBBW Surface-mounted back box (top, left, right conduit entry) Use when there is no junction box available.
		30K 3000K	90CRI	VW Visual comfort wide		
		35K 3500K				
		40K 4000K				
		50K <sup>1</sup> 5000K				

Options	Finish
E4WH <sup>3</sup> Emergency battery backup, Certified in CA Title 20 MAEDBS (4W, 0°C min)	DDBXD Dark bronze
PE <sup>4</sup> Photocell, Button Type	DBLXD Black
DS Dual switching (comes with 2 drivers and 2 light engines; see page 3 for details)	DNAXD Natural aluminum
DMG 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)	DWHXD White
BCE Bottom conduit entry for back box (PBBW). Total of 4 entry points.	DSSXD Sandstone
BAA Buy America(n) Act Compliant	DDBTXD Textured dark bronze
	DBLBXD Textured black
	DNATXD Textured natural aluminum
	DWHGXD Textured white
	DSSTXD Textured sandstone

### Accessories

Ordered and shipped separately.

- WDGEAWS DDBXD WEDGE 3/8inch Architectural Wall Spacer (specify finish)
- WDGE1PBBW DDBXD U WEDGE1 surface-mounted back box (specify finish)

### NOTES

- 1 50K not available in 90CRI.
- 2 347V not available with E4WH, DS or PE.
- 3 E4WH not available with PE or DS.
- 4 PE not available with DS.
- 5 Not qualified for DLC. Not available with E4WH.



COMMERCIAL OUTDOOR

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • [www.lithonia.com](http://www.lithonia.com)  
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WEDGE1 LED  
Rev. 01/18/22

## Performance Data

### Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Dist. Type	27K (2700K, 80 CRI)					30K (3000K, 80 CRI)					35K (3500K, 80 CRI)					40K (4000K, 80 CRI)					50K (5000K, 80 CRI)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P1	10W	VF	1,120	112	0	0	0	1,161	116	0	0	0	1,194	119	0	0	0	1,227	123	0	0	0	1,235	123	0	0	0
		VW	1,122	112	0	0	0	1,163	116	0	0	0	1,196	120	0	0	0	1,229	123	0	0	0	1,237	124	0	0	0
P2	15W	VF	1,806	120	1	0	0	1,872	125	1	0	0	1,925	128	1	0	0	1,978	132	1	0	0	1,992	133	1	0	0
		VW	1,809	120	1	0	0	1,876	125	1	0	0	1,929	128	1	0	0	1,982	132	1	0	0	1,996	133	1	0	0

### Electrical Load

Performance Package	System Watts	Current (A)				
		120V	208V	240V	277V	347V
P1	10W	0.082	0.049	0.043	0.038	--
	13W	--	--	--	--	0.046
P2	15W	0.132	0.081	0.072	0.064	--
	18W	--	--	--	--	0.056

### Lumen Multiplier for 90CRI

CCT	Multiplier
27K	0.845
30K	0.867
35K	0.845
40K	0.885
50K	0.898

### Lumen Output in Emergency Mode (4000K, 80 CRI)

Option	Dist. Type	Lumens
E4WH	VF	646
	VW	647

### Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient	Lumen Multiplier
0°C / 32°F	1.03
10°C / 50°F	1.02
20°C / 68°F	1.01
25°C / 77°F	1.00
30°C / 86°F	0.99
40°C / 104°F	0.98

### Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

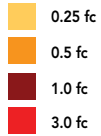
To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	>0.96	>0.95	>0.91

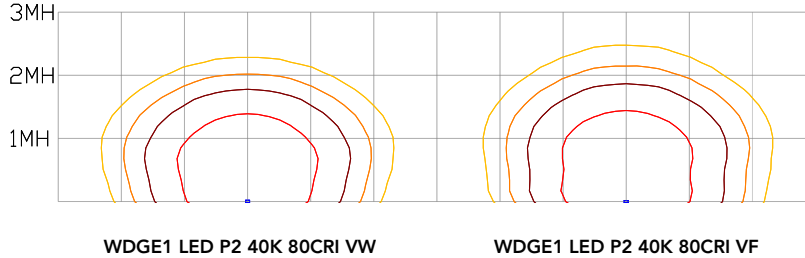
## Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting WDGE LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards.

### LEGEND



MH = 8ft  
Grid = 8ft x 8ft



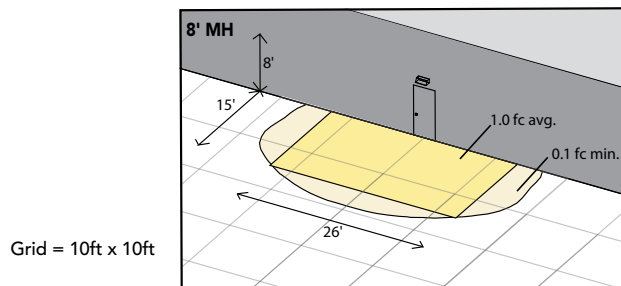
## Emergency Egress Options

### Emergency Battery Backup

The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to immediately detect loss of normal power and automatically energize the luminaire. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time normal power is lost and maintain a minimum of 60% of the light output at the end of 90minutes.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

The example below shows illuminance of 1 fc average and 0.1 fc minimum in emergency mode with E4WH and VF distribution.

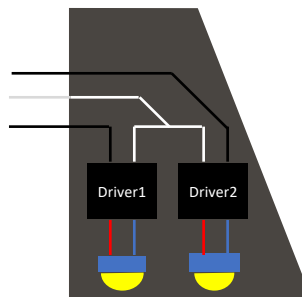


WDGE1 LED xx 40K 80CRI VF MVOLT E4WH

### Dual Switching (DS) Option

The dual switching option offers operational redundancy that certain codes require. With this option the luminaire comes integrated with two drivers and two light engines. These work completely independent to each other so that a failure of any individual component does not cause the whole luminaire to go dark. This option is typically used with a back generator or inverter providing emergency power.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9





### E4WH – 4W Emergency Battery Backup

D = 5.5"

H = 8"

W = 9"



### PBBW – Surface-Mounted Back Box

Use when there is no junction box available.

D = 1.75"

H = 8"

W = 9"



### AWS – 3/8inch Architectural Wall Spacer

D = 0.38"

H = 4.4"

W = 7.5"

## FEATURES & SPECIFICATIONS

### INTENDED USE

Common architectural look, with clean rectilinear shape, of the WDGE LED was designed to blend with any type of construction, whether it be tilt-up, frame or brick. Applications include commercial offices, warehouses, hospitals, schools, malls, restaurants, and other commercial buildings.

### CONSTRUCTION

The single-piece die-cast aluminum housing integrates secondary heat sinks to optimize thermal transfer from the internal light engine heat sinks and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP66 rating for the luminaire.

### FINISH

Exterior painted parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

### OPTICS

Well crafted reflector optics allow the light engine to be recessed within the luminaire, providing visual comfort, superior distribution, uniformity, and spacing in wall-mount applications. The WDGE LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

### ELECTRICAL

Light engine consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L91/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire comes with built in 6kV surge protection, which meets a minimum Category C low exposure (per ANSI/IEEE C62.41.2). Fixture ships standard with 0-10v dimmable driver.

### INSTALLATION

A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections. The 3/8" Architectural Wall Spacer (AWS) can be used to create a floating appearance or to accommodate small imperfections in the wall surface. The ICW option can be used to mount the luminaire inverted for indirect lighting in dry and damp locations. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.

### LISTINGS

CSA certified to U.S. and Canadian standards. Luminaire is IP66 rated. PIR options are rated for wet location. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified. International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 2700K and 3000K color temperature only and SRM mounting only.

### BUY AMERICAN

Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT. Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

### WARRANTY

5-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

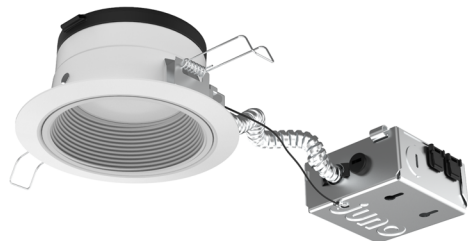
**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.



# Podz™ LED Downlight Series

4" Canless Round and Square LED Downlight  
New Construction or Remodel

## JPDZ4 Series



Complete remodel fixture shown

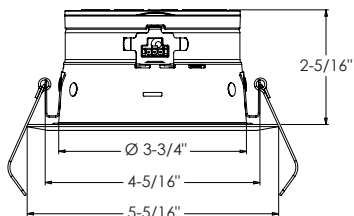


Complete new construction fixture shown

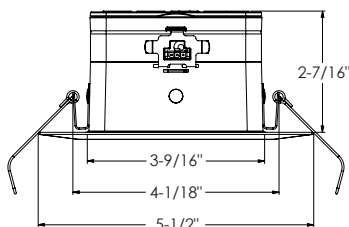


### Dimensions

#### 4" Round



#### 4" Square



### Application Flexibility - Remodel



### Application Flexibility - New Construction



Project:
Fixture Type:
Location:
Contact/Phone:

### Product Features

Canless low profile 4" LED recessed downlight with deeply regressed light source and technology rich features offers performance up to 1200L and installation solutions for both new construction and remodel applications.

Patented color temperature and intensity configurable lighting fixture (US Patent No. 11,259,377 B2)

- Integrated light engine offers switchable LED color temperature and adjustable lumen output directly on module for easy switching
- Advanced color mixing technology provides consistent color rendering on the black body curve at all LED color temperatures while maintaining a high 90+ CRI
- Warmdim™ setting provides performance similar to incandescent light sources and warms the LED color temperature over the dimming range from 2850K to 1900K

#### Installation flexibility and ease

- Low profile integrated LED downlight less than 3" in height fits virtually anywhere
- Installs directly into the plenum - eliminates need for typical recessed housing
- Installs into new construction or remodel applications

### Applications

- Ideal for a breadth of residential and commercial applications
- Shallow plenum installations
- IC rated - for direct contact with insulation
- Wet location listed - for use in shower and outdoor covered ceiling applications

### Performance

Switchable Delivered Lumens	700L, 1000L, 1200L
Switchable LED Color Temperature	27K, 30K, 35K, 40K, 50K
WarmDim Included as standard	2850K - 1900K over dimming range
CRI	90+
Voltage	Dedicated 120V or MVOLT (120-277V)
Dimming	Forward/Reverse Phase or 0-10V Dimming range from 100% to 5%



# Podz™ LED Downlight Series

4" Canless Round and Square LED Downlight  
New Construction or Remodel

## ORDERING INFORMATION

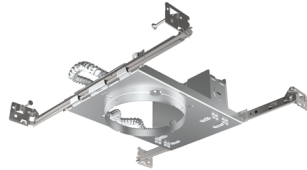
Two ways to order Podz:

### 1. Ship separate trim module and mounting

Trim Module



Mounting Option



or



Example: JPDZ4 DC ALO10 SWW5WD 90CRI JPDZRMJBX 120 FRPC WWH, Ships as example: Trim module: JPDZ4 DC ALO10 SWW5WD 90CRI 120 FRPC WWH M6, Mounting: JPDZRMJBX 120 FRPC M6



Series	Trim Type	Lumens	Color Temperature	CRI
<b>JPDZ4</b> Juno Podz 4" LED Downlights	<b>DB</b> Round Downlight Baffle <b>DC</b> Round Downlight Cone <b>SQDB</b> Square Downlight Baffle <b>SQDC</b> Square Downlight Reflector	<b>ALO10</b> Adjustable Lumen Output 700L, 1000L, and 1200L	<b>SWW5WD</b> Switchable White 2700K, 3000K, 3500K, 4000K, 5000K, + WarmDim (2850K-1900K)	<b>90CRI</b> 90+CRI

Mounting (Required for complete fixture)	Voltage/Driver	Finish
<b>REMODEL:</b> <b>JPDZRMJBX<sup>4</sup></b> Juno Podz universal remodel junction box (for 4", 5", 6")	<b>120 FRPC</b> 120V Forward/Reverse Phase Cut, 5% dim <b>MVOLT ZT10</b> Multi-Volt (120-277), 0-10V, 10% dim	<b>WWH<sup>1</sup></b> White, White Trim Ring <b>BWH<sup>2</sup></b> Black, White Trim Ring <b>CWH<sup>3</sup></b> Clear, White Trim Ring <b>HZWH<sup>3</sup></b> Haze, White Trim Ring <b>WHZWH<sup>3</sup></b> Wheat Haze, White Trim Ring
<b>NEW CONSTRUCTION:</b> <b>JPDZ4RDNCMF</b> Juno Podz 4IN Round New Construction Mounting Frame <b>JPDZ4SQNCMF</b> Juno Podz 4IN Square New Construction Mounting Frame		



### NOTES

- 1 WWH is available with DB, SQDB, DC and SQDC.
- 2 BWH only available with DB and SQDB.
- 3 CWH, HZWH and WHZWH only available with DC and SQDC.
- 4 Not for use in an existing housing.

### 2. All-in-one box remodel downlight

Series	Trim Type/Voltage	Finish
<b>JPDZ4JB</b> Juno Podz 4" Trim and Remodel Junction Box	<b>RDB1</b> Round Downlight Baffle 120V <b>RDC1</b> Round Downlight Cone 120V	<b>WWH</b> White, White Trim Ring

### EMERGENCY OPERATION OPTION

For use in Non-IC applications where insulation is spaced at least 3" away. If installing from below the ceiling, minimum plenum depths required:  
IIS 25 = 15 7/8" for JPDZ4 RD and 14 3/4" for JPDZ4 SQ  
IIS 50 = 20 1/8" for JPDZ4 RD and 18 5/8" for JPDZ4 SQ

Iota IIS 25 I	25W Emergency Micro-Inverter
Iota IIS 50 I	50W Emergency Micro-Inverter

### ACCESSORIES

Trim inserts are interchangeable and field installable to easily change the aesthetic of the Podz luminaire

RK3JPDZ4 DB BWH BFL	4" Round Baffle Black Trim Insert
RK3JPDZ4 DB WWH BFL	4" Round Baffle White Trim Insert
RK3JPDZ4 DC CWH RFL	4" Round Cone Clear Trim Insert
RK3JPDZ4 DC HZWH RFL	4" Round Cone Haze Trim Insert
RK3JPDZ4 DC WHZWH RFL	4" Round Cone Wheat Haze Trim Insert
RK3JPDZ4 DC WWH RFL	4" Round Cone White Trim Insert
RK3JPDZ4 SQDB BWH BFL	4" Square Baffle Black Trim Insert
RK3JPDZ4 SQDB WWH BFL	4" Square Baffle White Trim Insert
RK3JPDZ4 SQDC CWH RFL	4" Square Cone Clear Trim Insert
RK3JPDZ4 SQDC HZWH RFL	4" Square Cone Haze Trim Insert
RK3JPDZ4 SQDC WHZWH RFL	4" Square Cone Wheat Haze Trim Insert
RK3JPDZ4 SQDC WWH RFL	4" Square Cone White Trim Insert



## Podz™ LED Downlight Series

4" Canless Round and Square LED Downlight  
New Construction or Remodel

### Specifications

#### LED Light Engine

Patented color temperature and intensity configurable lighting fixture (US Patent No. 11,259,377 B2) with integrated light engine that mounts directly to aluminum housing providing superior heat transfer to ensure long life of the electronics • Switchable LED color temperature and adjustable lumen output directly on module for easy switching • Advanced color mixing technology provides consistent color rendering on the black body curve at all LED color temperatures • LED color temperature settings include 2700K, 3000K, 3500K, 4000K and 5000K; factory set at 3000K • Three lumen switching options include 700L, 1000L and 1200L; factory set at 1000L • Dedicated WarmDim setting provides performance similar to incandescent light sources and warms the LED color temperature over the dimming range from 2850K to 1900K • 90CRI minimum

#### LED Driver

Choice of dedicated 120 volt (120) driver or universal voltage (MVOLT) drivers that accommodate input voltages from 120-277 volts AC at 50/60Hz • Power factor > 0.9 at 120V input • 120 volt only driver is dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers • Universal voltage drivers are dimmable with the use of most 0-10V wall box dimmers • For a list of compatible dimmers, see [JUNOICLED-DIM](#)

#### Optical System

Computer-optimized reflector design with high reflectance white finish coupled with a high transmission diffusing lens conceals the LEDs and produces uniform aperture luminance • Deep regression of lens produces a low glare, efficient system typical of a standard 4" downlight medium flood distribution providing even illumination for general downlighting applications.

#### Certifications

ENERGY STAR® Certified • Can be used to comply with 2019 Title 24, Part 6, JA8 high efficacy LED light source requirements • UL listed for U.S. and Canada through-branch wiring, damp locations and for wet location (indoor and outdoor covered ceiling) • UL and cUL • NOM certified.

Testing All reports are based on published industry procedures; field performance may differ from laboratory performance.

#### Trim Module Construction

Low profile, < 3" aluminum housing with integral white flange • Designed for installation directly into the plenum in IC (insulated ceiling) or non-IC construction • Provided with spring clips for ease of installation • Accommodates up to a 1 1/2" ceiling thickness

#### Trim Finishes

Choice of baffle or cone trims in a selection of finishes ship installed in trim • Optional field installable trim inserts available.

#### Remodel Junction Box Construction

22-gauge die-formed galvanized steel junction box • Conduit cable with quick connect electrical plug pre-wired on junction box and allows for easy electrical connection with the trim module • Junction box provided with (5) 1/2" and (1) 3/4" knockouts, (4) integrated wire traps for 12/2 or 12/3 NM cable UL listed and cUL listed for through-branch wiring, maximum of 4 #12 branch circuit

#### New Construction Mounting Frame

22-gauge die-formed galvanized steel mounting frame • Rough-in section (junction box, mounting frame and bar hangers) fully assembled for ease of installation • Pre-installed Air-Loc gasket applied to frame • Conduit cable with quick connect electrical plug pre-wired on junction box and allows for easy electrical connection with the trim module • Junction box provided with (5) 1/2" and (1) 3/4" knockouts, (4) knockouts for 12/2 or 12/3 NM cable and ground wire • UL listed and cUL listed for through-branch wiring, maximum of 6 #12 branch circuit conductors • Junction box provided with removable access plates • Knock-outs equipped with pryout slots

Includes Patented (US Patent D552,969) Real Nail® 3 bar hangers: telescoping system permits quick placement of housing any where within 24" O.C. joists or suspended ceilings • Includes removable nail for repositioning of fixture in wood joist construction • Integral T-bar notch and clip for suspended ceilings.

LED housing is designed to provide 50,000 hours of life • 5 year limited warranty on LED components.

**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.

Specifications subject to change without notice.



Control the LED color temperature and lumen output in your space with the switchable LED color temperature and adjustable lumen output switches accessible directly on the Podz trim.



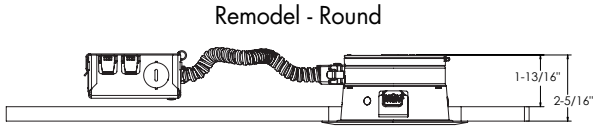


# Podz™ LED Downlight Series

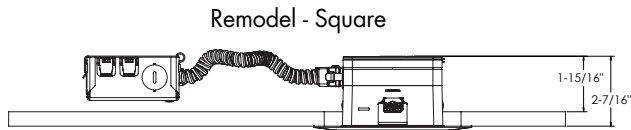
4" Canless Round and Square LED Downlight  
New Construction or Remodel

## TECHNICAL DATA

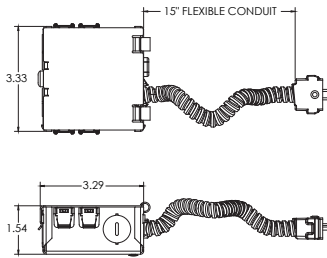
### Dimensional Data and Electrical Data



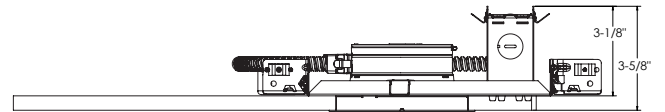
4 1/2" CEILING CUTOUT



4 3/4" ROUND CEILING CUTOUT

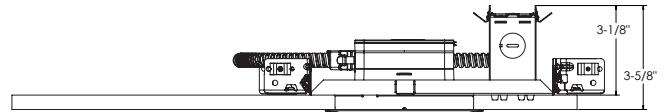


New Construction - Round



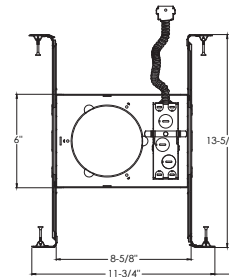
4 1/2" CEILING CUTOUT

New Construction - Square



4 3/4" ROUND CEILING CUTOUT

**Note:** For ease of installation, a larger sized round cutout is used for the 4" square mounting frame.



### ELECTRICAL DATA

#### Dedicated 120V Only Driver Option (120 FRPC)

	700L	1000L	1200L
Input Power	8.1W (+/-5%)	13.6W (+/-5%)	15W (+/-5%)
Input Current	0.07A	0.11A	0.13A
Frequency	50/60Hz	50/60Hz	50/60Hz
EMI/RFI	FCC Title 47 CFR, Part 15, Class B (residential)	FCC Title 47 CFR, Part 15, Class B (residential)	FCC Title 47 CFR, Part 15, Class B (residential)
Minimum starting temp	-20°C	-20°C	-20°C

### ELECTRICAL DATA

#### Universal Voltage

#### MVOLT ZT10

	700L		1000L		1200L	
	120V	277V	120V	277V	120V	277V
Input Power	8.1W (+/-5%)	8.1W (+/-5%)	13.6W (+/-5%)	13.6W (+/-5%)	15W (+/-5%)	15W (+/-5%)
Input Current	0.07A	0.03A	0.11A	0.05A	0.13A	0.06A
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
EMI/RFI	FCC Title 47 CFR, Part 15, Class B (residential)	FCC Title 47 CFR, Part 15, Class B (residential)	FCC Title 47 CFR, Part 15, Class B (residential)	FCC Title 47 CFR, Part 15, Class B (residential)	FCC Title 47 CFR, Part 15, Class B (residential)	FCC Title 47 CFR, Part 15, Class B (residential)
Minimum starting temp	-20°C	-20°C	-20°C	-20°C	-20°C	-20°C





# Podz™ LED Downlight Series

4" Canless Round and Square LED Downlight  
New Construction or Remodel

## PHOTOMETRICS

Distribution Curve

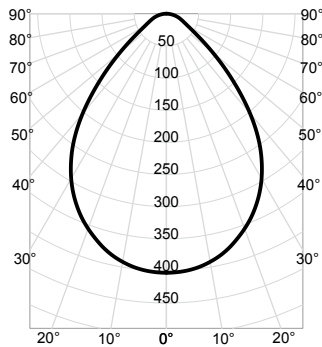
Distribution Data

Output Data

Coefficient of Utilization

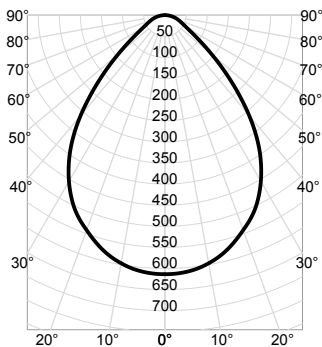
Illuminance Data at 30" Above  
Floor for a Single Luminaire

JPDZ4 DB 07LM 30K 90CRI WWH, Input Watts: 8.1, Delivered Lumens: 672, LPW: 83.0, S/MH: 1.11, Test No: 20-973-1



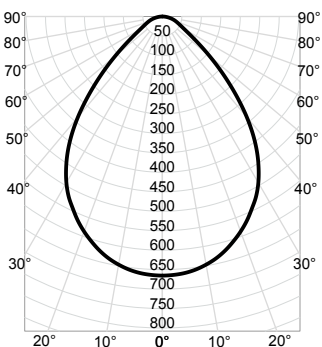
CP Summary		Zonal Lumen Summary		Coefficients of Utilization						Cone of Light			Luminance (cd/sq.m)							
0°	Zone	Lumens	% Fixture	pf	80%		70%		50%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance						
				pc	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%						
0°	0° - 30°	295	44%	0	119	119	119	116	116	116	111	111	111	111	111	6.0	11.2	10.1	0°	65,673
5°	0° - 40°	452	67%	1	108	104	101	105	102	100	101	99	97	97	8.0	6.3	13.5	45°	33,417	
15°	0° - 60°	619	92%	2	97	92	87	95	90	86	92	88	84	84	10.0	4.0	16.8	55°	16,678	
25°	0° - 90°	672	100%	3	88	81	76	86	80	75	84	78	74	74	12.0	2.8	20.2	65°	11,259	
35°	90° - 180°	0	0%	4	80	73	67	79	72	67	76	71	66	66	14.0	2.1	23.6	75°	10,515	
45°	0° - 180°	672	100%	5	73	65	60	72	65	60	70	64	59	59				85°	8,975	
55°		59		6	67	59	54	66	59	54	64	58	53	53						
65°		29		7	62	54	49	61	54	49	59	53	48	48						
75°		17		8	57	50	44	56	49	44	55	49	44	44						
85°		5		9	53	46	41	52	45	41	51	45	41	41						
90°		0		10	49	42	38	49	42	37	48	42	37	37						

JPDZ4 DB 10LM 30K 90CRI WWH, Input Watts: 13.6, Delivered Lumens: 1028, LPW: 75.6, S/MH: 1.12, Test No: 20-973-2



CP Summary		Zonal Lumen Summary		Coefficients of Utilization						Cone of Light			Luminance (cd/sq.m)						
0°	Zone	Lumens	% Fixture	pf	80%		70%		50%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance					
				pc	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%					
0°	0° - 30°	451	44%	0	119	119	119	116	116	116	111	111	111	111	6.0	17.0	10.1	0°	99,993
5°	0° - 40°	692	67%	1	108	104	101	105	102	100	101	99	97	97	8.0	9.6	13.5	45°	51,301
15°	0° - 60°	948	92%	2	97	92	87	95	90	86	92	88	84	84	10.0	6.1	16.9	55°	25,656
25°	0° - 90°	1,028	100%	3	88	81	76	86	80	75	84	78	74	74	12.0	4.3	20.3	65°	17,198
35°	90° - 180°	0	0%	4	80	73	67	79	72	67	76	71	66	66	14.0	3.1	23.7	75°	16,056
45°	0° - 180°	1,028	100%	5	73	65	60	72	65	60	70	64	59	59				85°	13,649
55°		90		6	67	59	54	66	59	54	64	58	53	53					
65°		45		7	62	54	49	61	54	49	59	53	48	48					
75°		26		8	57	50	44	56	49	44	55	49	44	44					
85°		7		9	53	46	41	52	45	41	51	45	40	40					
90°		0		10	49	42	37	49	42	37	48	42	37	37					

JPDZ4 DB 12LM 30K 90CRI WWH, Input Watts: 15.0, Delivered Lumens: 1116, LPW: 74.4, S/MH: 1.12, Test No: 20-973-3



CP Summary		Zonal Lumen Summary		Coefficients of Utilization						Cone of Light			Luminance (cd/sq.m)						
0°	Zone	Lumens	% Fixture	pf	80%		70%		50%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance					
				pc	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%					
0°	0° - 30°	488	44%	0	119	119	119	116	116	116	111	111	111	111	6.0	18.5	10.2	0°	108,434
5°	0° - 40°	750	67%	1	108	104	101	105	102	100	101	99	97	97	8.0	10.4	13.5	45°	55,818
15°	0° - 60°	1,029	92%	2	97	92	87	95	90	86	92	88	84	84	10.0	6.7	16.9	55°	27,928
25°	0° - 90°	1,116	100%	3	88	81	76	86	80	75	84	78	74	74	12.0	4.6	20.3	65°	18,702
35°	90° - 180°	0	0%	4	80	73	67	79	72	67	76	70	66	66	14.0	3.4	23.7	75°	17,441
45°	0° - 180°	1,116	100%	5	73	65	60	72	65	60	70	64	59	59				85°	14,771
55°		98		6	67	59	54	66	59	54	64	58	53	53					
65°		49		7	62	54	49	61	54	49	59	53	48	48					
75°		28		8	57	50	44	56	49	44	55	49	44	44					
85°		8		9	53	46	41	52	45	41	51	45	40	40					
90°		0		10	49	42	37	49	42	37	48	42	37	37					



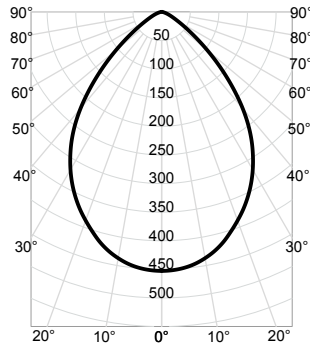
# Podz™ LED Downlight Series

4" Canless Round and Square LED Downlight  
New Construction or Remodel

## PHOTOMETRICS

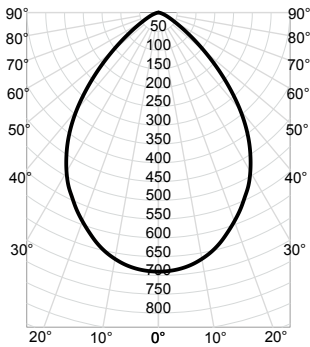
Distribution Curve      Distribution Data      Output Data      Coefficient of Utilization      Illuminance Data at 30" Above Floor for a Single Luminaire

**JPDZ4 DC 07LM 30K 90CRI HZWH**, Input Watts: 8.1, Delivered Lumens: 699, LPW: 86.3, S/MH: 1.07, Test No: 20-973-4



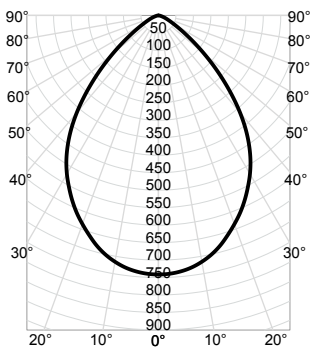
CP Summary		Zonal Lumen Summary		Coefficients of Utilization						Cone of Light			Luminance (cd/sq.m)				
0°	Zone	Lumens	% Fixture	pf	80%		20%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance					
				pc	50%	30%	10%	50%							30%	10%	
0°	0° - 30°	323	46%	0	119	119	119	116	116	111	111	111	6.0	12.6	9.9	0°	73,789
5°	0° - 40°	493	70%	1	109	106	103	106	104	101	102	100	8.0	7.1	13.2	45°	36,874
15°	0° - 60°	672	96%	2	99	94	89	97	92	88	94	90	10.0	4.5	16.5	55°	17,047
25°	0° - 90°	699	100%	3	90	84	79	88	83	78	86	81	12.0	3.1	19.8	65°	7,404
35°	90° - 180°	0	0%	4	82	75	70	81	74	69	78	73	14.0	2.3	23.1	75°	3,463
45°	0° - 180°	699	100%	5	75	68	62	74	67	62	72	66				85°	1,309
55°		60		6	69	62	56	68	61	56	66	60	Beam Angle: 78.9°				
65°		19		7	63	56	51	63	56	51	61	55	Field Angle: 114.9°				
75°		6		8	59	52	47	58	51	46	57	51					
85°		1		9	55	47	43	54	47	43	53	47					
90°		0		10	51	44	39	50	44	39	49	43					

**JPDZ4 DC 10LM 30K 90CRI HZWH**, Input Watts: 13.6, Delivered Lumens: 1070, LPW: 78.7, S/MH: 1.07, Test No: 20-973-5



CP Summary		Zonal Lumen Summary		Coefficients of Utilization						Cone of Light			Luminance (cd/sq.m)				
0°	Zone	Lumens	% Fixture	pf	80%		20%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance					
				pc	50%	30%	10%	50%							30%	10%	
0°	0° - 30°	493	46%	0	119	119	119	116	116	111	111	111	6.0	19.2	9.9	0°	112,427
5°	0° - 40°	754	70%	1	109	106	103	106	104	101	102	100	8.0	10.8	13.2	45°	56,624
15°	0° - 60°	1,029	96%	2	99	94	89	97	92	88	94	90	10.0	6.9	16.6	55°	26,224
25°	0° - 90°	1,070	100%	3	90	84	79	88	83	78	85	81	12.0	4.8	19.9	65°	11,298
35°	90° - 180°	0	0%	4	82	75	70	81	74	69	78	73	14.0	3.5	23.2	75°	5,289
45°	0° - 180°	1,070	100%	5	75	68	62	74	67	62	72	66				85°	2,057
55°		92		6	69	61	56	68	61	56	66	60	Beam Angle: 79.3°				
65°		29		7	63	56	51	63	56	51	61	55	Field Angle: 114.9°				
75°		8		8	59	51	46	58	51	46	57	51					
85°		1		9	54	47	43	54	47	43	53	47					
90°		0		10	51	44	39	50	44	39	49	43					

**JPDZ4 DC 12LM 30K 90CRI HZWH**, Input Watts: 15.0, Delivered Lumens: 1149, LPW: 76.6, S/MH: 1.07, Test No: 20-973-6



CP Summary		Zonal Lumen Summary		Coefficients of Utilization						Cone of Light			Luminance (cd/sq.m)				
0°	Zone	Lumens	% Fixture	pf	80%		20%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance					
				pc	50%	30%	10%	50%							30%	10%	
0°	0° - 30°	529	46%	0	119	119	119	116	116	111	111	111	6.0	20.6	9.9	0°	120,819
5°	0° - 40°	809	70%	1	109	106	103	106	104	101	102	100	8.0	11.6	13.2	45°	60,796
15°	0° - 60°	1,104	96%	2	99	94	89	97	92	88	94	90	10.0	7.4	16.6	55°	28,127
25°	0° - 90°	1,149	100%	3	90	84	79	88	83	78	86	81	12.0	5.1	19.9	65°	12,146
35°	90° - 180°	0	0%	4	82	75	70	81	74	69	78	73	14.0	3.8	23.2	75°	5,667
45°	0° - 180°	1,149	100%	5	75	68	62	74	67	62	72	66				85°	2,244
55°		99		6	69	61	56	68	61	56	66	60	Beam Angle: 79.2°				
65°		32		7	63	56	51	63	56	51	61	55	Field Angle: 114.9°				
75°		9		8	59	51	46	58	51	46	57	51					
85°		1		9	54	47	43	54	47	43	53	47					
90°		0		10	51	44	39	50	44	39	49	43					

### 4" LUMEN OUTPUT MULTIPLIERS

CCT	DB WWH	DB BWH	DC WWH	DC CWH	DC WHZWH	DC HZWH
2700K	1.01	0.78	1.07	1.11	1.03	1.01
3000K	1.00	0.77	1.06	1.09	1.01	1.00
3500K	1.00	0.77	1.07	1.10	1.02	1.00
4000K	1.01	0.78	1.07	1.11	1.02	1.01
5000K	1.00	0.77	1.06	1.09	1.01	1.00
Warm Dim	0.92	0.71	0.98	1.01	0.93	0.92