



Project: Pressed Café – Prudential Center  
Location Boston, MA  
Agent: Boston Light Source  
Specifier: Prellwitz Chilinski Associates  
Photographer: Anton Grassl

# Commercial Downlighting

Product Portfolio



# Best Value in Commercial Downlighting

When it comes to general illumination downlighting for new construction and retrofit projects, think Lithonia Lighting® Commercial Downlighting. Both the LBR and LDN families are designed to deliver the best value by offering a versatile range of sizes and shapes, switchable CCTs and lumens, dimming options and integrated controls.



Downlight and wall wash distributions are designed with outstanding **glare control** to provide **visually comfortable lighting** for occupants in any space.



Engineered with **high performance** drivers and **lighting controls** to deliver a sustainable and long-lasting downlighting solution.



Save on **labor costs**, time and **energy consumption** with easy installation, job flexibility and high efficacy.



You **know and trust** Lithonia Lighting to provide the most **affordable** downlighting solutions, delivered when you need them.

## *Typical Applications:*

*Restaurants*

*Hotel Lobbies*

*Conference Rooms*

*Fitness Centers*

*Schools*

*Retail*

*Libraries*

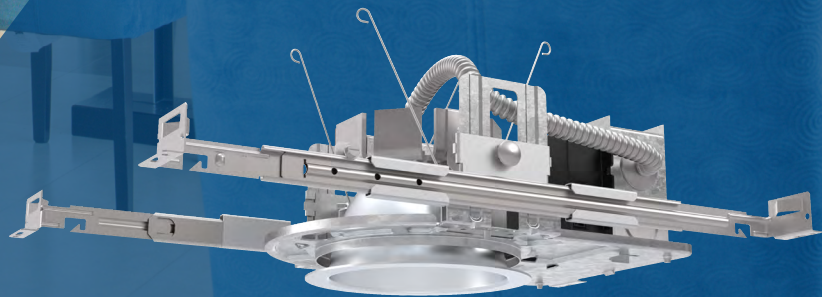




LDN Cylinders



LBR Series



LDN Downlights

# Downlighting

## LBR Series and LDN Family

### Trim Colors\*



Aluminum



White



Black

### Finishes



Semi-Specular



Specular



Matte Diffuse

### Distributions

Medium Wide  
1.0 S:MH



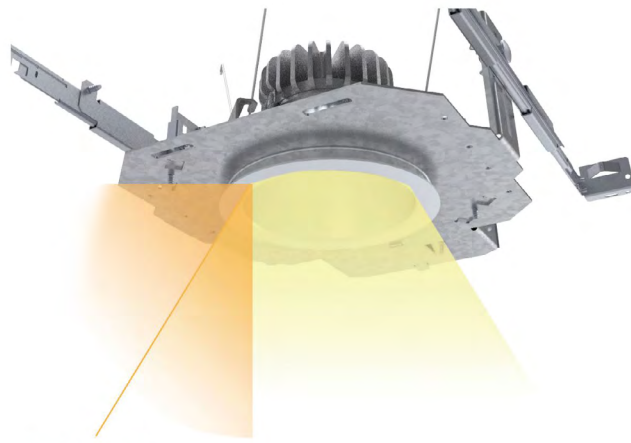
Wide  
1.2 S:MH



Wall Wash



### Glare Control



55° Cutoff

\*RAL and custom color options available for trims and cylinders.

# Cylinders

## LDN Family

### Mounting



Surface Mount



Pendant Mount



Wall Mount

### Trim Colors\*



Aluminum



White



Black

### Finishes



Semi-Specular



Specular



Matte Diffuse

### Architectural Colors\*



DWHG P73  
TEXTURED  
White



DDB P50  
LITHONIA  
Dark Bronze



DBL P13  
LITHONIA  
Black



DWH P21  
LITHONIA  
White



DMB P11  
LITHONIA  
Medium Bronze



DNA P07  
LITHONIA  
Natural Aluminum



DSS P12  
LITHONIA  
Sandstone



DGC P32  
LITHONIA  
Charcoal Gray



DTG P33  
LITHONIA  
Tennis Green



DBR P34  
LITHONIA  
Bright Red



DSB P49  
LITHONIA  
Steel Blue

### Distributions

Medium Wide  
1.0 S:MH



Wall Wash



\*RAL and custom color options available for trims and cylinders.

# Retrofits



LBR Series



LDNRV

## Easy Install-from-Below

Mouse-trap springs allows for a quick and easy installation.

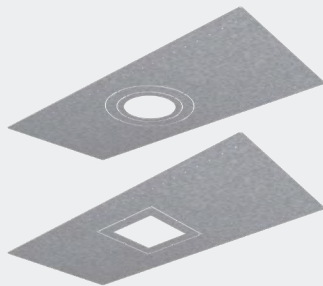


## Energy Savings

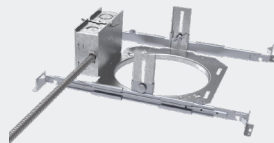
Reduce between 50-80% energy consumption compared to traditional sources.



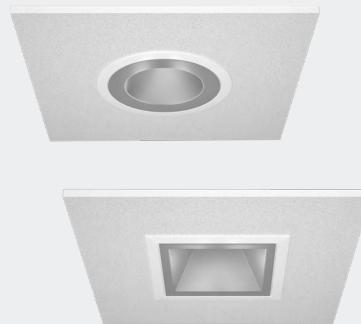
## Multiple Accessories



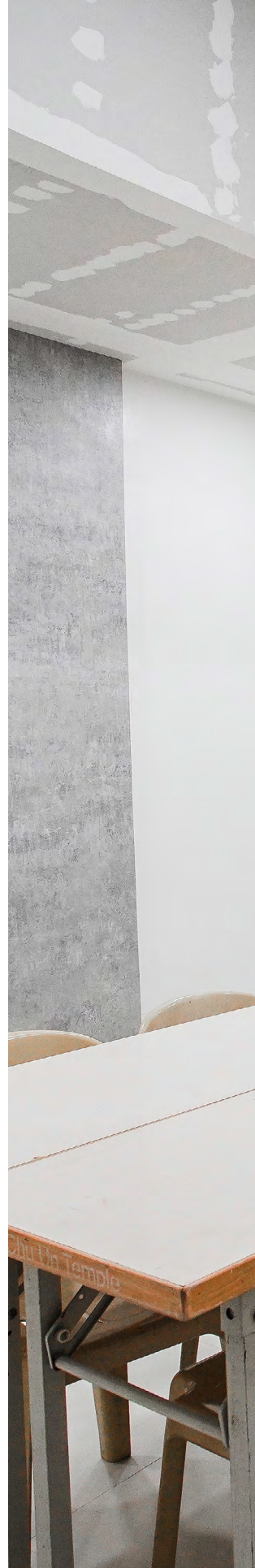
Round & Square Plates



Round & Square Frames



Round & Square Goof Rings





# LBR Retrofit Series

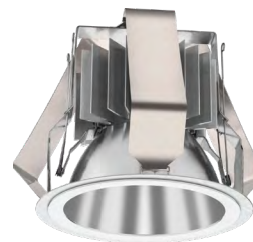


		4"	6"	8"	10"	12"
Optical Performance	Round Aperture	•	•	•	•	•
	Square Aperture	•	•			•
	Switchable CCTs	3000K-5000K	3000K-5000K	3000K-5000K	3000K-5000K	3000K-5000K
	Switchable Lumens	500-5000LM	500-5000LM	500-5000LM	500-5000LM	500-5000LM
	Static CCT	2700K	2700K	2700K	2700K	2700K
	Cutoff	55°	55°	55°	55°	55°
	Downlight	•	•	•	•	•
Wall Wash	•	•	•	•	•	
Driver Performance	Efficacy (LPW)	Up to 115	Up to 110	Up to 110	Up to 109	Up to 109
	MVOLT 120-277V	•	•	•	•	•
	0-10V / phase combo driver	•	•	•	•	•
	DALI driver	•	•	•	•	•
	10% or 1% dimming	•	•	•	•	•
	347V step-down transformer option	•	•	•	•	•
Emergency Battery	Battery pack	•	•	•	•	•
	Integral test switch	•	•	•	•	•
	Remote test switch	•	•	•	•	•
	Bluetooth enabled	•	•	•	•	•
	IOTA emergency transfer system (ETS)	•	•	•	•	•
Lighting Controls	nLight®	•	•	•	•	•
	SensorSwitch™ JOT	•	•			
	Wet Location	•	•	•	•	•
Listings	CP Chicago Plenum	•	•	•	•	•
	Energy Star**	•	•	•		
	Title 20 & Title 24	•	•	•	•	•
	Buy American*					
Service	Design Select™ Program	•	•	•		

\*All products are TAA Compliant

\*\*Up to 3,000LMs

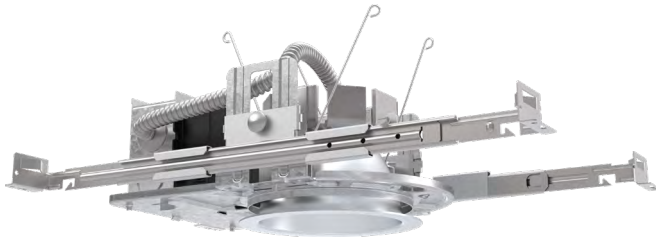
# LDNRV Retrofit Downlights



		4"	6"	7"	8"	9"	10"
	Round Aperture	•	•	•	•	•	•
	Square Aperture						
Optical Performance	Static CCT	2700K-5000K	2700K-5000K	2700K-5000K	2700K-5000K	2700K-5000K	2700K-5000K
	Static Lumens	500-2000LM	500-3000LM	500-5000LM	500-12000LM	500-12000LM	500-12000LM
	Cutoff	55°	55°	55°	55°	55°	55°
	Downlight	•	•	•	•	•	•
	Wall Wash	•	•	•	•	•	•
Driver Performance	Efficacy (LPW)	Up to 104	Up to 93	Up to 86	Up to 86	Up to 86	Up to 86
	MVOLT 120-277V	•	•	•	•	•	•
	0-10V / phase combo driver						
	0-10V only	•	•	•	•	•	•
	DALI driver						
	10% or 1% dimming	•	•	•	•	•	•
Emergency Battery	347V step-down transformer option	•	•	•	•	•	•
	Battery pack						
	Integral test switch						
	Remote test switch						
	Bluetooth® Bluetooth enabled						
Lighting Controls	IOTA emergency transfer system (ETS)						
	nLight®	•	•	•	•	•	•
Listings	SensorSwitch™ JOT						
	Wet Location	•	•	•	•	•	•
	CP Chicago Plenum						
	Energy Star						
	Title 20 & Title 24						
Service	Buy American*						
	Design Select™ Program						

\*All products are TAA Compliant

# New Construction



LDN Downlights



LDN Cylinders



LBR Series

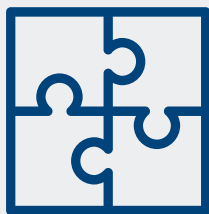
## Recessed Installation Frames

Save time and money with quick installation times using the traditional recessed installation frames.



## Buy America(n) (BAA Option)

Select products for new construction commercial downlights and cylinders are assembled in the USA and meets the Buy America(n) government requirements under FAR, DFARS and DOT.



## Complete Outfit

The new construction downlights and cylinders are designed with the same aesthetic to create a consistent look and feel. No matter what product family, these fixtures will match seamlessly together in a space.



# LBR New Construction Downlights



		4"	6"	8"	10"
Optical Performance	Round Aperture	•	•	•	•
	Square Aperture	•	•		
	Switchable CCTs	3000K-5000K	3000K-5000K	3000K-5000K	3000K-5000K
	Switchable Lumens	500-5000LM	500-5000LM	500-5000LM	500-5000LM
	Static CCT	2700K	2700K	2700K	2700K
	Cutoff	55°	55°	55°	55°
	Downlight	•	•	•	•
Wall Wash	•	•	•	•	
Driver Performance	Efficacy (LPW)	Up to 115	Up to 110	Up to 110	Up to 109
	MVOLT 120-277V	•	•	•	•
	0-10V / phase combo driver	•	•	•	•
	DALI driver	•	•	•	•
	10% or 1% dimming	•	•	•	•
347V step-down transformer option	•	•	•	•	
Emergency Battery	Battery pack	•	•	•	•
	Integral test switch	•	•	•	•
	Remote test switch	•	•	•	•
	Bluetooth® Bluetooth enabled	•	•	•	•
IOTA emergency transfer system (ETS)	•	•	•	•	
Lighting Controls	nLight®	•	•	•	•
	SensorSwitch™ JOT	•	•		
Listings	Wet Location	•	•	•	•
	CP Chicago Plenum	•	•	•	•
	Energy Star**	•	•	•	•
	Title 20 & Title 24	•	•	•	•
Service	Buy American*				
	Design Select™ Program				

# LDN New Construction Downlights



		3"	4"	6"	8"
Optical Performance	Round Aperture	•	•	•	•
	Square Aperture	•	•	•	•
	Static CCT	3000K-5000K	3000K-5000K	3000K-5000K	3000K-5000K
	Static Lumens	500-1500LM	500-5000LM	500-5000LM	5000-20000LM
	Cutoff	55°	55°	55°	55°
Driver Performance	Downlight	•	•	•	•
	Wall Wash	•	•	•	•
	Efficacy (LPW)	Up to 78	Up to 104	Up to 95	Up to 93
	MVOLT 120-277V	•	•	•	•
	0-10V / phase combo driver				
	0-10V only	•	•	•	•
	DALI driver				
Emergency Battery	10% or 1% dimming	•	•	•	•
	347V step-down transformer option	•	•	•	•
	Battery pack		•	•	•
	Integral test switch		•	•	•
	Remote test switch		•	•	•
Lighting Controls	Bluetooth® Bluetooth enabled				
	IOTA emergency transfer system (ETS)				
	nLight®	•	•	•	•
Listings	SensorSwitch™ JOT		•	•	
	Wet Location	•	•	•	•
	CP Chicago Plenum	•	•	•	•
	Energy Star				
	Title 20		•	•	•
Service	Buy American	•	•	•	•
	Design Select™ Program		•	•	

# LDN Switchable Downlights



		4"	6"	8"
Optical Performance	Round Aperture	•	•	•
	Square Aperture	•	•	
	Switchable CCTs	3000K-5000K	3000K-5000K	3000K-5000K
	Switchable Lumens	500-5000LM	500-5000LM	500-5000LM
	Static CCT	2700K	2700K	2700K
	Cutoff	55°	55°	55°
	Downlight Wall Wash	• •	• •	• •
Driver Performance	Efficacy (LPW)	Up to 115	Up to 110	Up to 110
	MVOLT 120-277V	•	•	•
	0-10V / phase combo driver	•	•	•
	DALI driver	•	•	•
	10% or 1% dimming	•	•	•
Emergency Battery	347V step-down transformer option	•	•	•
	Battery pack	•	•	•
	Integral test switch	•	•	•
	Remote test switch	•	•	•
	Bluetooth® Bluetooth enabled	•	•	•
Lighting Controls	IOTA emergency transfer system (ETS)	•	•	•
	nLight®	•	•	•
	SensorSwitch™ JOT	•	•	
Listings	Wet Location	•	•	•
	CP Chicago Plenum	•	•	•
	Energy Star**	•	•	•
	Title 20 & Title 24	•	•	•
Service	Buy American*			
	Design Select™ Program	•	•	

\*All products are TAA Compliant

\*\*Up to 3,000LMs

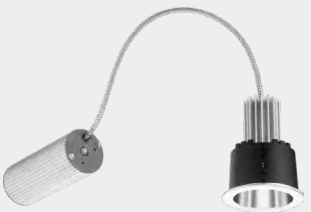
# LDN Cylinders



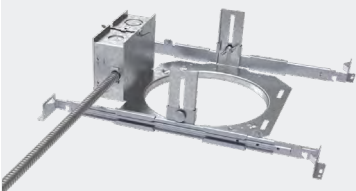
		4"	6"	8"
Optical Performance	Round Aperture	•	•	•
	Square Aperture			
	Static CCT	2700K-5000K	2700K-5000K	2700K-4000K
	Static Lumens	500-2000LM	500-5000LM	500-20000LM
	Cutoff	55°	55°	55°
	Downlight	•	•	•
Driver Performance	Wall Wash	•	•	•
	Efficacy (LPW)	Up to 104	Up to 95	Up to 93
	MVOLT 120-277V	•	•	•
	0-10V / phase combo driver			
	0-10V only	•	•	•
	DALI driver			
Emergency Battery	10% or 1% dimming	•	•	•
	347V step-down transformer option	•	•	
	Battery pack			
	Integral test switch			
	Remote test switch			
Lighting Controls	Bluetooth enabled			
	IOTA emergency transfer system (ETS)			
Listings	nLight®	•	•	•
	SensorSwitch™ JOT			
	Wet Location	•	•	•
	CP Chicago Plenum			
	Energy Star			
Service	Title 20 & Title 24			
	Buy American	•	•	•
	Design Select™ Program	•	•	

# Options & Accessories

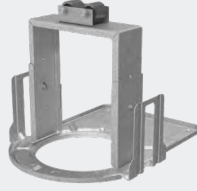
## Downlight Installation



**Install-from-Below**  
LDN3 | LDNRV Retrofit |  
Downlights LBR Retrofit Series



**New Construction Frame**  
**Standard:** LDN New Construction  
Downlights | LDN Switchable  
Downlights  
**Accessory:** New Construction  
Series



Ceiling Thickness Adapter



Slope Ceiling Adapter

## Cylinder Mounting



Surface Mount




Pendant Mount  
Stem & Canopy | Aircraft Cable




Wall Mount

## Emergency Battery



Emergency Battery Pack with  
Integral Test Switch



Remote Test Switch



ETS IOTA Transfer System

# Controls Made Easy



## Networked Lighting Controls Platform



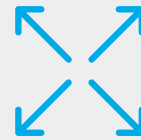
### Simple

Embedded nLight wired or wireless controls available within the LDN Family.



### Reliable

nLight embedded fixtures will aid in code compliance and reduce energy costs.



### Scalable

nLight platform can scale to a building or campus-wide network system when you're ready.



## Wireless Pairing with *JUST ONE TOUCH*



JOT is a wireless, app-free solution for single room lighting control. The JOT enabled solutions shortens the installation and pairing process into these three simple steps:



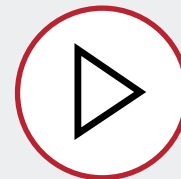
### Power

Install JOT enabled fixtures and controls as instructed. No 0-10V wires needed!



### Power

Insert the pairing tool into the pinhole. Then, press and hold any button for 6 seconds. Once paired, each fixture will individually dim to 10% brightness.



### Power

Products will be fully functional once all fixtures return to 100% brightness.



**SCAN ME**

To learn more about Commercial Downlighting  
or visit [www.LithoniaLighting.com](http://www.LithoniaLighting.com)



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