



**FEATURES & SPECIFICATIONS**

**INTENDED USE** — Typical applications include corridors, lobbies, conference rooms and private offices.

**CONSTRUCTION** — Durable square metal reflector valenced by tension springs. Galvanized steel mounting plate frame galvanneal steel junction box with bottom-hinged access covers and spring hinges.

Vertically adjustable mounting brackets with tensioned tie hangers provide 3/4" total adjustment.

Horizontal adjustment 1/2" and/or 1/2" knockouts for straight-through conduit runs. Capacity 4-14, 1/2", No. 12 AWG conductors, rated for 90°C.

Accessories 1/2" and/or 1/2" (not shown).

Passive cooling thermal management for 25°C standard; high ambient (40°C) option available. Light engine and driver are accessible from above or below ceiling.

Max. cooling thickness 1 1/2".

**OPTICS** — LEDs are bonded to a 3-step 300K, 90 CRI maximum, 90 CRI optional.

LED light source concealed with diffusing optical lens.

General illumination lighting with 1.5 MW and 55° cutoff source and source image.

Self-flanged and/or reflector in specialty, semi-specular, or multi-diffuse finishes. Also available in white and black painted reflectors.

Self-flanged and/or reflector in specialty, semi-specular, or multi-diffuse finishes. Also available in white and black painted reflectors.

**ELECTRICAL** — Multi-volt (277V, 50/60Hz) 0-10V dimming driver mounted to junction box, 10% or 7% minimum dimming level available.

0-10V dimming fixture requires two (2) additional low-voltage wires to be pulled.

70% lumen maintenance at 60,000 hours.

**LISTINGS** — Certified to US and Canadian safety standards. Wet location standard (covered ceiling). IP55 rated, NEMA 3R/3X certified product.

**BUY AMERICAN** — Product with the BAA option is assembled in the USA and meets the Buy American government procurement requirements under FAR, DFARS and DOT.

Please refer to [www.lithonia.com/buy-american](http://www.lithonia.com/buy-american) for additional information.

**WARRANTY** — 5-year limited warranty. Complete warranty terms located at: [www.lithonia.com/warranty](http://www.lithonia.com/warranty)

All values are design or typical values, measured under laboratory conditions at 25°C.

Specifications subject to change without notice.

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Category	
Number	
Name	
Type	

**LDN6SQ**



6" Square Open and WallWash LED Non-C New Construction Downlight



**ORDERING INFORMATION** Leadtimes will vary depending on options selected. Consult with your sales representative. Example: LDN6SQ 35/15 LSGAR LSS MVOLT EZ1

Series	Color Temperature	Lumens	Aperture/Trim Color	Finish	Voltage
LDN6SQ 6" square	27/ 2700K	85 500 lumens	L56 Downlight	AR Clear	MVOLT Multi-volt
	30/ 3000K	67 250 lumens	L56 Downlight	WR White	L2V 120V
	35/ 3500K	30 1000 lumens	L56 Downlight	LD Matte-diffuse	L2V 120V
	40/ 4000K	15 1500 lumens	L56 Downlight	LS Specular	L2V 120V
	50/ 5000K	20 2000 lumens	L56 Downlight	LS Specular	L2V 120V
	50/ 5000K	20 2000 lumens	L56 Downlight	LS Specular	L2V 120V

Driver	Options	Mounting	Options*	Architectural Colors**
G210 0-10V driver dims to 10%	SP Single face	FCB Ceiling mount	SP Single face	DWHG Matte white
G211 0-10V driver dims to 1%	TRF White painted flange	WR Wall mount	NPP140 0-10V network power supply pack with 0-10V dimming for non-dimmable drivers (G210, G211)	DBB Dark bronze
D1 Maximum dimming 10% driver for use with ICF	TEFL Black painted flange	WV Wall mount	NPP140 0-10V network power supply pack with 0-10V dimming for non-dimmable drivers (G210, G211)	DBL Black
D2 Maximum dimming 10% driver for use with ICF	EL Emergency battery pack with integral test switch, 10W Constant Power, Not Certified in CA Title 20 MAEDS	ACC 1/2" recessed mount	NPP140 0-10V network power supply pack with 0-10V dimming for non-dimmable drivers (G210, G211)	DWH Glossy white
E210 0-10V e-dimmable driver with smooth and flicker-free dimming performance down to 10%	EL Emergency battery pack with remote test switch, 10W Constant Power, Not Certified in CA Title 20 MAEDS	ACC 1/2" recessed mount	NPP140 0-10V network power supply pack with 0-10V dimming for non-dimmable drivers (G210, G211)	DAB Medium bronze
E211 0-10V e-dimmable driver with smooth and flicker-free dimming performance down to 1%	EL Emergency battery pack with self-diagnostics, integral test switch, 10W Constant Power, Not Certified in CA Title 20 MAEDS	ACC 1/2" recessed mount	NPP140 0-10V network power supply pack with 0-10V dimming for non-dimmable drivers (G210, G211)	DNA Natural aluminum
E212 0-10V e-dimmable driver with smooth and flicker-free dimming performance down to 1%	EL Emergency battery pack with self-diagnostics, integral test switch, 10W Constant Power, Not Certified in CA Title 20 MAEDS	ACC 1/2" recessed mount	NPP140 0-10V network power supply pack with 0-10V dimming for non-dimmable drivers (G210, G211)	DSS Sandstone
EMV e-dimmable DALI-SYLVIA dim to dark	NPP140 0-10V network power supply pack with 0-10V dimming for non-dimmable drivers (G210, G211)	ACC 1/2" recessed mount	NPP140 0-10V network power supply pack with 0-10V dimming for non-dimmable drivers (G210, G211)	DSC Charcoal grey
	NPP140 0-10V network power supply pack with 0-10V dimming for non-dimmable drivers (G210, G211)	ACC 1/2" recessed mount	NPP140 0-10V network power supply pack with 0-10V dimming for non-dimmable drivers (G210, G211)	DTG Teal green
	NPP140 0-10V network power supply pack with 0-10V dimming for non-dimmable drivers (G210, G211)	ACC 1/2" recessed mount	NPP140 0-10V network power supply pack with 0-10V dimming for non-dimmable drivers (G210, G211)	DBR Bright red
	NPP140 0-10V network power supply pack with 0-10V dimming for non-dimmable drivers (G210, G211)	ACC 1/2" recessed mount	NPP140 0-10V network power supply pack with 0-10V dimming for non-dimmable drivers (G210, G211)	DBS Steel blue

**Notes**  
 1. Overall height varies based on lumen package; refer to dimensional sheet on page 3.  
 2. Not available with finishes.  
 3. Not available with emergency options.  
 4. Must specify stage 12V or 277V.  
 5. Available with clear diffuser only.  
 6. 1/2" of plenum depth or top access required for battery pack maintenance.  
 7. Specify voltage, LED source with generator supply (B power). Will require an emergency hot feed and normal hot feed.  
 8. Specify voltage for 1000lm and above, 5000lm with marked spacing 24" x 24" W x H. Not available with emergency battery pack option.  
 9. Not available with CR, NPSA8E2, NPSA8E3, NPP140, NPP140E or NPP140E.  
 10. NPSA8E2, NPSA8E3 and NPSA8E2 not recommended for metal ceiling installations.  
 11. Fixture height is 6.5" for all lumen packages with H&L.  
 12. Must specify voltage for 1000lm and above, 5000lm with marked spacing 24" x 24" W x H. Not available with emergency battery pack option.  
 13. Must specify 270 or 271 down. Not available with stage options. Not available with CR.  
 14. Must specify voltage 120V or 277V.

TYPE 'A'



**FEATURES & SPECIFICATIONS**

**INTENDED USE** — Typical applications include corridors, lobbies, conference rooms and private offices.

**CONSTRUCTION** — Heavy-gauge aluminum housing.

Fixed mount for direct installation 6" or optional or square junction box.

Fixed mount entry for 1/2" National Pipe Thread (NPT) wires supplied by others.

Textured polyester powder paint finish standard.

Multiple ceiling, pendant, cord, and wall mount options available.

**OPTICS** — LEDs are bonded to a 3-step 300K, 90 CRI minimum, 90 CRI optional.

LED light source concealed with diffusing optical lens.

General illumination lighting with 1.5 MW and 55° cutoff source and source image.

Self-flanged and/or reflector in specialty, semi-specular, or multi-diffuse finishes. Also available in white and black painted reflectors.

Self-flanged and/or reflector in specialty, semi-specular, or multi-diffuse finishes. Also available in white and black painted reflectors.

**ELECTRICAL** — Multi-volt (277V, 50/60Hz) 0-10V dimming driver mounted to junction box, 10% or 7% minimum dimming level available.

0-10V dimming fixture requires two (2) additional low-voltage wires to be pulled.

70% lumen maintenance at 60,000 hours.

**LISTINGS** — Certified to US and Canadian safety standards. Damp location standard (wet location, covered ceiling optional). ENEC/ETL certified product.

**BUY AMERICAN** — This product is assembled in the USA and meets the Buy American government procurement requirements under FAR, DFARS and DOT. Please refer to [www.lithonia.com/buy-american](http://www.lithonia.com/buy-american) for additional information.

**WARRANTY** — 5-year limited warranty. Complete warranty terms located at: [www.lithonia.com/warranty](http://www.lithonia.com/warranty)

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**LDN6CYL**



6" CYLINDER Non-C



**ORDERING INFORMATION** Leadtimes will vary depending on options selected. Consult with your sales representative. Example: LDN6CYL 35/15 LSGAR LSS MVOLT EZ1 FCM DWHG

Series	Color Temperature	Lumens	Aperture/Trim Color	Finish	Voltage
LDN6CYL 6" cylinder	27/ 2700K	85 500 lumens	L56 Downlight	AR Clear	MVOLT Multi-volt
	30/ 3000K	67 250 lumens			