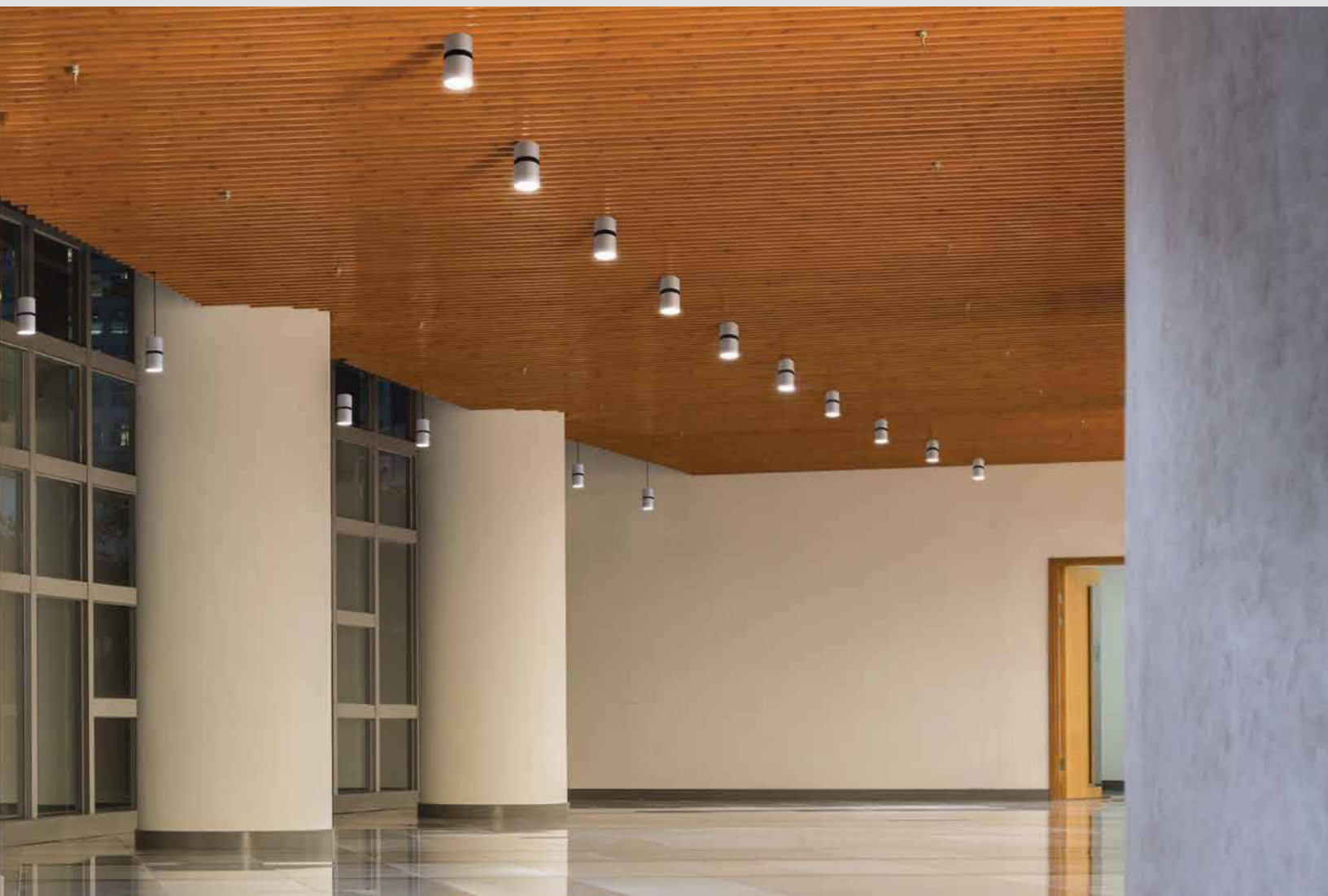


THE COMPLETE LIGHTING SOLUTION

Liton

L I G H T I N G



CYLINDER & SQUARE

LED LUMINAIRES

4 & 6 INCH | CEILING | PENDANT | TRACK | WALL MOUNT | OUTDOOR | INDOOR

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4 & 6 INCH | CEILING | PENDANT | TRACK | WALL MOUNT | **OUTDOOR** | **INDOOR**

4"



6"

DL Series
Ceiling/Pendant Mount
pg. 16-17



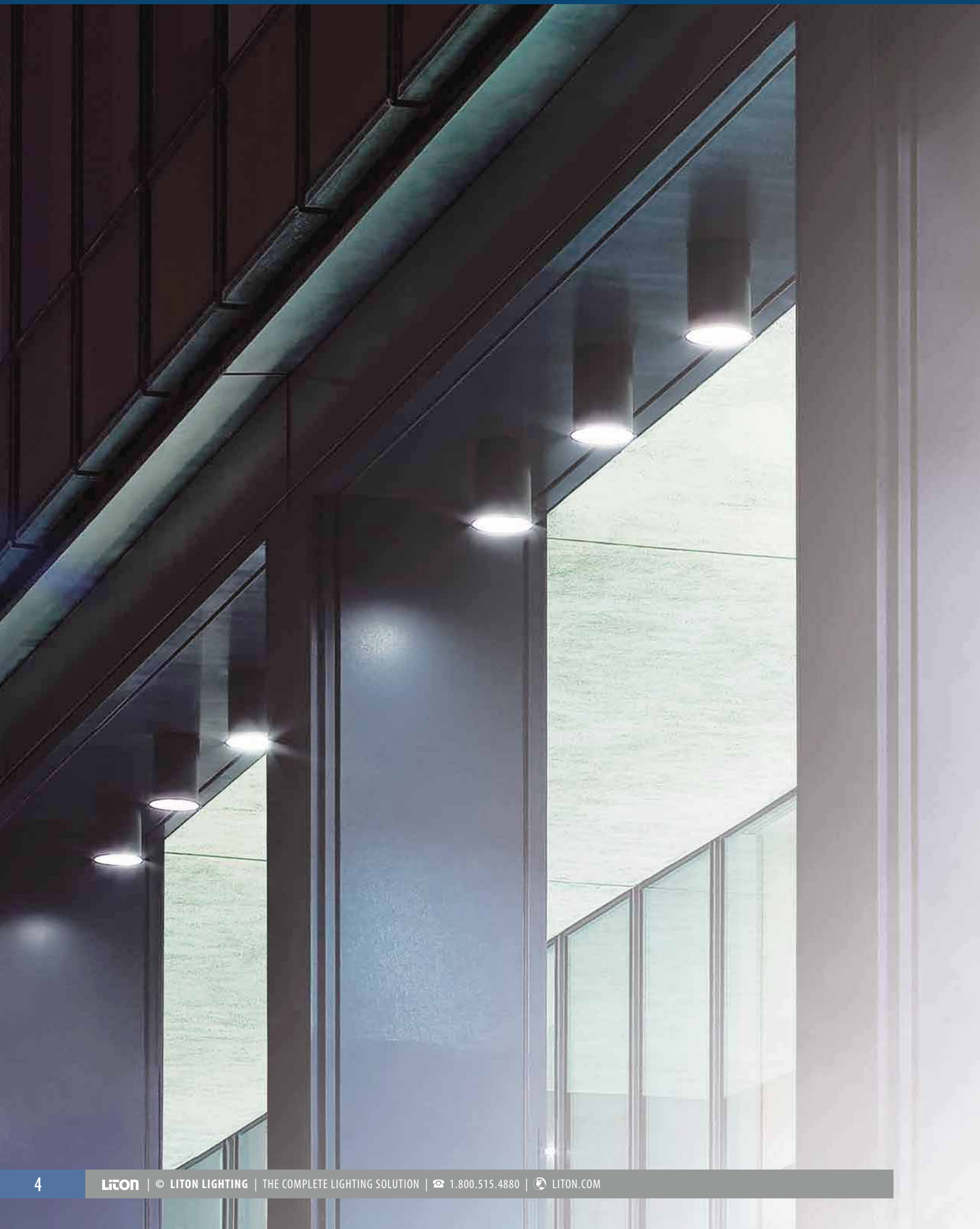
WD1 Series
1-Direction Wall Mount
pg. 10-13

WD2 Series
2-Direction Wall Mount
pg. 14-15



Lumen Cannon Series
Ceiling/Pendant/Wall Mount
pg. 20-21

LITON's Cylinder & Square form factor luminaires are designed for commercial and retail downlighting or direct and indirect illumination of walls and architectural facades. Applications include places of worship, auditoriums, airports and buildings with high ceilings where energy efficiency and powerful lumen output are desired. Mounting options include surface, ceiling, pendant or wall mount. Many of the Cylinder and Square luminaire offerings are IP65 rated for outdoor use.



Overall Features



unidim™

Cylinder and Square luminaires offer UniDim universal dimming which offers the following great benefits:

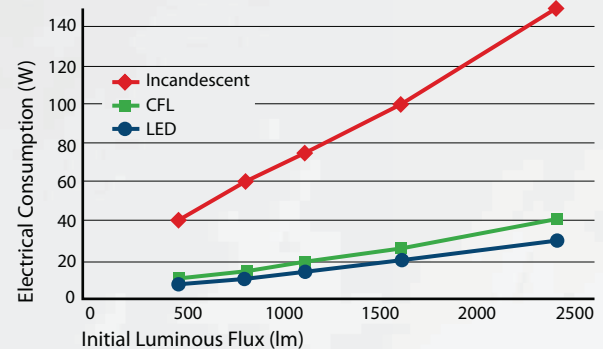
- 1. Avoid Expensive Rewiring or Dimmer Replacement.**
UniDim™ works with Incandescent/ Triac, 0-10V and ELV Dimmers.
- 2. Avoid Dimmer Compatibility Issues.**
UniDim is compatible with Lutron, Leviton and most popular dimmer systems.
- 3. Smooth Flicker-Free Dimmer Compatibility.**
UniDim delivers smooth, incandescent-like dimming performance from ELV, 0-10V, and 120V dimming systems.
- 4. Reduce Inventory and Fixture Variety.**
UniDim™ is available on almost all Cylinder and Square luminaires.



Luminous Efficacy of a Light Source

With LEDs, large advances in luminous efficacy have been made when compared to the 10-17lm/W of traditional incandescent and 40-70lm/W of compact fluorescent lamps. LITON Cylinder and Square luminaires are high in efficacy with the Lumen Cannon LCALD6X11 putting out as much as 93lm/W.

ELECTRICITY USAGE BY LAMP TYPE



QuickShip

Quick Ship items are available to ship within 10 business days on a first-come-first-served basis and upon request. In the event that our stock is depleted, Customer Service will provide you with an updated ship date. Quick Ship items that are received by LITON by 3pm Eastern Time will be shipped 10 business days from the date of the order. Orders received after 3PM on a weekend or holiday will be processed first thing the next business day.

The Quick Ship commitment applies only to items listed in this catalog. We ask that customers submit separate Quick Ship purchase orders that include ONLY Quick Ship items.

LITON recommends that customers call to verify stock levels prior to placing orders as stock levels change daily. This program only applies to purchase orders of quantities of individual line items that are 50 pieces or less. All orders should be sent to our special Quick Ship orders email address, qs@liton.com.

LITON makes no guarantee on actual ship dates. Official ship dates are given after order placement.



US Assembled

All LITON Cylinder and Square luminaires are US assembled in our Los Angeles, CA facility to ensure quality and timely delivery, and they carry a 5-year warranty.



IP65 Outdoor Downlight

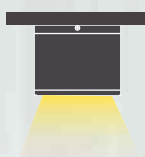
LITON's WD & DL Series LED

luminaire applications include commercial and retail downlighting or direct and indirect illumination of walls and architectural facades.

Features

- Outdoor or indoor
- New WD adjustable option
- New pendant mounting options
- New 4" Round 1500lm options
- New 6" 1500lm, 2200lm and 2600lm options
- Dark Sky compliant in down position

Mounting Options



Ceiling Mount
pg. 8, 16-17



Wall Mount
One-Direction
pg. 9-13



Wall Mount
Two-Direction
pg. 14-15



Pendant Mount
pg. 16-17

Ceiling and pendant
mount versions of
luminaire attach at top

Rectangular
high-grade aluminum
extrusion arm on back
of wall mount versions
mounts up or down

COB
(Chip on Board)
LED Light Engine

Faceplate has
threaded edge
which screws
into housing

Highly polished
segmented
Reflector

Clear tempered
glass lens

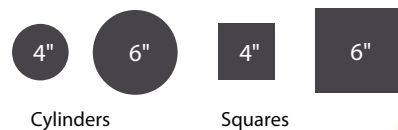
Housing is one-piece
extruded high grade
aluminum with
powder coat finish

Aluminum plate
dissipates heat from
the LED.

Silicone gasket

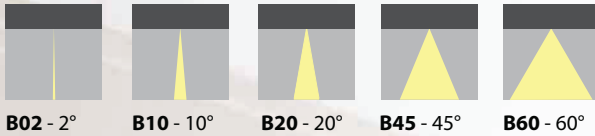
Faceplate
constructed of
extruded aluminum
with powder coat
finish

Sizes



IP65 Outdoor Adjustable Downlight

Beam Spread Options



Some 6" Luminaires are available with Integral Junction Box options. See ordering pages.

Ceiling and pendant mount versions of the luminaire attach at top

Finishes

Standard

Special Order*



W - White



LS - Light Silver



S - Silver



DG - Dark Grey



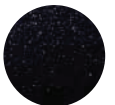
BZ - Basic Bronze



MG - Metallic Gold



B - Black



MB - Metallic Black

Rectangular high-grade aluminum extrusion arm on back of wall mount versions. Mounts up or down

COB (Chip on Board) LED Light Engine

Faceplate constructed of extruded aluminum with powder coat finish

Faceplate is secured to the housing by threaded screws

Heat Sink with cooling fins to prevent overheating

Housing is one-piece extruded high grade aluminum with powder coat finish

Silicone gasket

Clear tempered glass lens

15° to 30°
Adjustability

*Special Order. Minimum order, extended lead time may apply. Consult factory.



Smallest outdoor surface mount 6" downlight with integral **EMERGENCY** features!

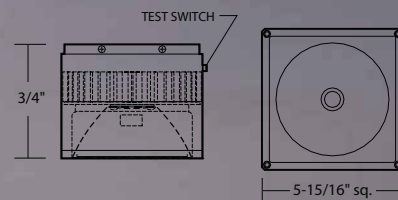
LITON's DLQ360EM was accepted into the 2017 IES Progress Report as the smallest surface mounted 4" aperture downlight with integral emergency features. At 4-3/4", its shallow housing is also suitable for wet locations with an IP65 listing.

Features

- Illuminated Self-Diagnostic LED test switch
- Energy efficient, low glare LED Chip-On-Board light engine
- Beam spreads include NS, SP, FL, and WF
- Singular COB Light Source
- 800lm delivered during emergency operation
- 5 year limited warranty



DLQ360EM - 6" EMERGENCY DOWNLIGHT



ORDERING

Example: **DLQ360EMBZ**

FIXTURE	FINISH	LUMENS	BEAM SPREAD	LED	OPTIONS
DLQ360EM	W: White	Blank: 800lm (15W)	Blank: Wide Flood	Blank: 4000K	Blank: None
	S: Silver		-B10: Narrow Spot	-T27: 2700K	-JB: Integral Junction Box
	BZ: Basic Bronze		-B20: Spot	-T30: 3000K	
	B: Black		-B45: Flood	-T35: 3500K	
	LS: Light Silver*				
	DG: Dark Grey*				
	MG: Metallic Gold*				
	LS: Metallic Black*				

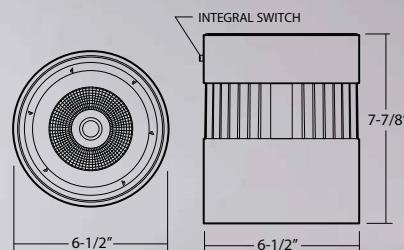
*Special Order. Minimum order, extended lead time may apply. Consult Factory.

Lumen Cannon 6" indoor integral **EMERGENCY**

LITON's Lumen Cannon super compact integral fixture doubles as an always on/emergency luminaire. Provides light for safe egress to stairs, aisles, corridors, ramps, and escalators when the power goes out.



LCALD6EM - 6" Surface Mount Integral Emergency



LCALD6EM ORDERING

Example: **LCALD6EMB151-C97**

FIXTURE	FINISH	LUMENS	BEAM SPREAD	DIMMING	LED
LCALD6EM	B: Black	101: 1100lm (18W)	Blank: Flood	Blank: Non-Dimming	Blank: 3000K
	W: White	151: 1500lm (25W)	-B10: 10° Spot	-D10 0-10V, 10% Dimming	-C90: 3000K, 90 CRI
	S: Silver/Black Fins	320: 2600lm (28W)	-B30: 30° Narrow		-C97: 3000K, 97 CRI
		350: 3700lm (40W)	-B70: 70° Wide Flood		-T17: 1700K*
					-T25: 2500K*
					-T27: 2700K*
					-T27-C90: 2700K, 90+ CRI
					-T27-C97: 2700K, 97 CRI*
					-T35: 3500K
					-T40: 4000K

*Extended lead time may apply. Consult factory.

OUTDOOR | 1-DIRECTION | 6 INCH | WALL MOUNT | ROUND | SQUARE

Florida FWC certified turtle safe amber

LITON's Turtle Safe directional wall luminaire can be used in both interior and outdoor settings and can be pointed up or down. Typical locations are in commercial and retail spaces that contain walls and/or columns requiring directional lighting.

Features

- Daylight Sensor available
- Uniform, low glare illumination
- Durable, corrosion resistant finish
- Emergency back up available
- Singular COB Light Source
- 5 year limited warranty



6" Round
1-Direction
Wall Mount
WD1360

Wildlife Certification
No. 2016-023**



6" Square
1-Direction
Wall Mount
WD1Q360

Wildlife Certification
No. 2016-025**

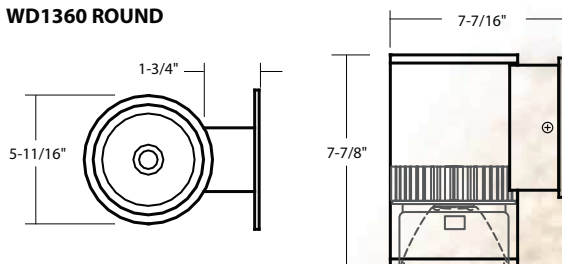


ORDERING

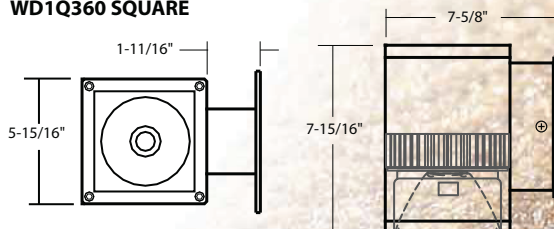
Example: **WD1360B-B02-TAM-LVR-EMAC**

FIXTURE	FINISH	BEAM SPREAD	DIMMING	LED	OPTIONS
WD1360	W: White	Blank: Wide Flood	Blank: Non-Dimming (120V)	-TAM-LVR: 590nm Amber*	Blank: None
WD1Q360	S: Silver	-B02: 2° Pencil Beam	UE-DUN: UniDim™ (120V/277V)		-EMAC: Emergency Back Up
	BZ: Basic Bronze	-B10: Narrow Spot			-SDL: Daylight Sensor*^
	B: Black	-B20: Spot			-JB: Integral Junction Box 1-Outlet
	LS: Light Silver*	-B45: Flood			-JB2: Integral Junction Box 2-Outlet
	DG: Dark Grey*				
	MG: Metallic Gold*				
	LS: Metallic Black*				

WD1360 ROUND



WD1Q360 SQUARE



*Special Order. Minimum order, extended lead time may apply. Consult Factory
^Not available on WD360.

** Must be lamped with a wildlife certified lamp. For details, see:
<http://myfwc.com/conservation/you-serve/lighting/certified/wall-mount/>

WD1 downlight for **direct**, or
uplight for **indirect** illumination

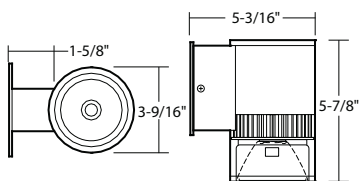
NEW

**1500, 2200
& 2600lm
Packages!**

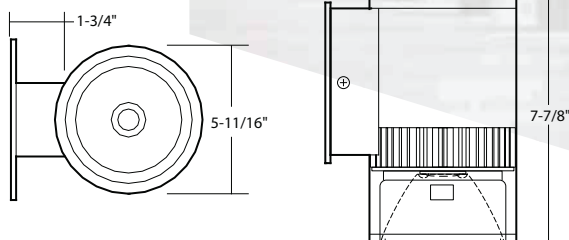


LITON's WD1 Series 1-direction wall mount luminaires are now available with new 4" 1500lm and 6" 1500lm, 2000lm and 2600lm packages. They can be used as a downlight for direct illumination or as an uplight for indirect illumination of architectural facades.

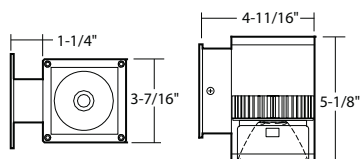
WD1340 - 4" ROUND



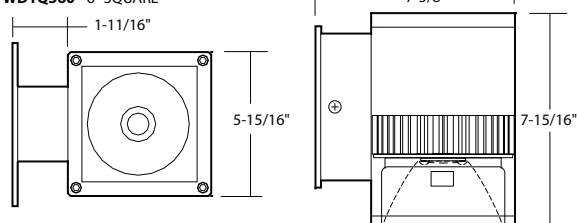
WD1360 - 6" ROUND



WD1Q340 - 4" SQUARE



WD1Q360 - 6" SQUARE



OUTDOOR | 1-DIRECTION | 4 & 6 INCH | WALL MOUNT | ROUND | SQUARE

4" Round
WD13401000 to
1500
lumens4" Square
WD1Q340850 to
1300
lumens6" Round
WD13601000 to
2600
lumens6" Square
WD1Q3601000 to
2600
lumensOUTDOOR
INDOOR

WD1340 ORDERING

Example: WD1340B-L15-B45-T27-EMAC

FIXTURE	FINISH	LUMENS	BEAM SPREAD	DIMMING	LED	OPTIONS
WD1340	W: White	Blank: 1000lm (15W)	Blank: Wide Flood	Blank: Non-Dimming (120V)	Blank: 4000K	Blank: None
	S: Silver	-L15: 1500lm (22W)	-B02: 2° Pencil Beam		-T27: 2700K	-EMAC: Emergency Back Up
	BZ: Basic Bronze		-B10: Narrow Spot	UE-DUN: UniDim™ (120V/277V)	-T30: 3000K	
	B: Black		-B20: Spot		-T35: 3500K	
	LS: Light Silver*		-B45: Flood			
	DG: Dark Grey*					
	MG: Metallic Gold*					
	LS: Metallic Black*					

*Special order. Minimum order, extended lead time may apply. Consult factory.

WD1Q340 ORDERING

Example: WD1Q340B-L13-B20-UE-DUN-T27

FIXTURE	FINISH	LUMENS	BEAM SPREAD	DIMMING	LED	OPTIONS
WD1Q340	W: White	Blank: 850lm (15W)	Blank: Wide Flood	Blank: Non-Dimming (120V)	Blank: 4000K	Blank: None
	S: Silver	-L13: 1300lm (22W)	-B02: 2° Pencil Beam		-T27: 2700K	-EMAC: Emergency Back Up
	BZ: Basic Bronze		-B10: Narrow Spot	UE-DUN: UniDim™ (120V/277V)	-T30: 3000K	
	B: Black		-B20: Spot		-T35: 3500K	-LVR: Hex-Cell Louver*
	LS: Light Silver*		-B45: Flood			
	DG: Dark Grey*					
	MG: Metallic Gold*					
	LS: Metallic Black*					

*Special order. Minimum order, extended lead time may apply. Consult factory.

WD1360/WD1Q360 ORDERING

Example: WD1Q360B-L15-B45-TAM

FIXTURE	FINISH	LUMENS	BEAM SPREAD	DIMMING	LED	OPTIONS
WD1360	W: White	Blank: 1000lm (15W)	Blank: Wide Flood	Blank: Non-Dimming (120V)	Blank: 4000K	Blank: None
WD1Q360	S: Silver	-L15: 1500lm (22W)	-B02: 2° Pencil Beam		-T27: 2700K	-EMAC: Emergency Back Up
	BZ: Basic Bronze	-L20: 2200lm (22W)	-B10: Narrow Spot	UE-DUN: UniDim™ (120V/277V)	-T30: 3000K	
	B: Black	-L26: 2600lm (30W)	-B20: Spot		-T35: 3500K	-SDL: Daylight Sensor*^
	LS: Light Silver*		-B45: Flood		-TAM: 590nm Amber*	-LVR: Hex-Cell Louver*
	DG: Dark Grey*		-BIV: Type IV Forward Throw			-JB: Integral Junction Box 1-Outlet
	MG: Metallic Gold*		-BWW: Wall Wash Optics¹			-JB2: Integral Junction Box 2-Outlet
	LS: Metallic Black*					

*Special order. Minimum order, extended lead time may apply. Consult factory.

¹Available on WD1360 only.

^Not available on WD1360.

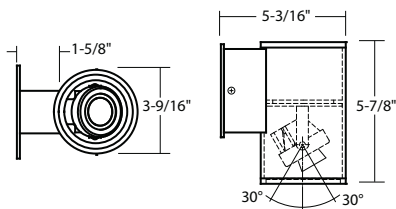
WD1 Adjustable Wall Illumination.

NEW
Adjustable
Up or Down!

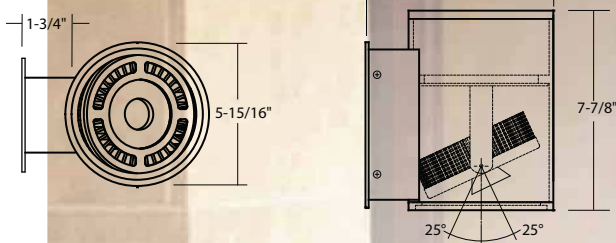


With a range of adjustability from 15° to 30°, LITON's new WD1 adjustable wall luminaires are perfect for wall wash applications or highlighting outdoor and indoor architectural features.

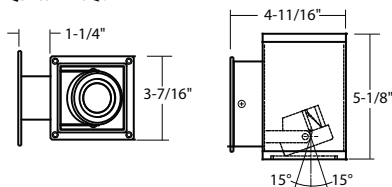
WD1340J - 4" ROUND



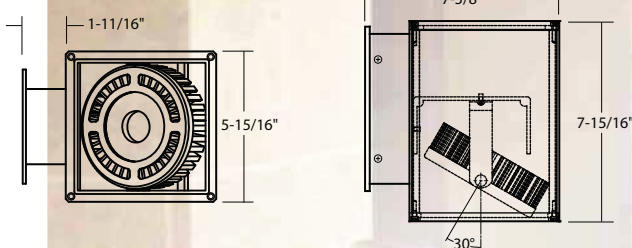
WD1360J - 6" ROUND



WD1Q340J - 4" SQUARE



WD1Q360J - 6" SQUARE



OUTDOOR | ADJUSTABLE | 4 & 6 INCH | WALL MOUNT | ROUND | SQUARE

OUTDOOR
INDOOR700
lumens4" Round
Adjustable
WD1340J700
lumens4" Square
Adjustable
WD1Q340J1500
lumens6" Round
Adjustable
WD1360J1500
lumens6" Square
Adjustable
WD1Q360J

WD1340J/WD1Q340J ORDERING

Example: WD1340JB-B45-T27

FIXTURE	FINISH	LUMENS	BEAM SPREAD	DIMMING	LED	OPTION
WD1340J	W: White	Blank: 700lm (9W)	-B45: Flood	Blank: Non-Dimming (120V)	-T27: 2700K	Blank: None
WD1Q340J	S: Silver		-B60: Wide Flood	UE-DUN: UniDim™ (120V/277V)	-T30: 3000K	-EMAC: Emergency Back Up
	BZ: Basic Bronze				-T35: 3500K	
	B: Black				-T40: 4000K	
	LS: Light Silver*					
	DG: Dark Grey*					
	MG: Metallic Gold*					
	LS: Metallic Black*					

*Special order. Minimum order, extended lead time may apply. Consult factory.

WD1360J/WD1Q360J ORDERING

Example: WD1360JB-B24-T30-EMAC

FIXTURE	FINISH	LUMENS	BEAM SPREAD	DIMMING	LED	OPTION
WD1360J	W: White	Blank: 1500lm (15W)	-B12: Spot	Blank: Non-Dimming (120V)	-T27: 2700K	Blank: None
WD1Q360J	S: Silver		-B24: Narrow Flood	UE-DUN: UniDim™ (120V/277V)	-T30: 3000K	-EMAC: Emergency Back Up
	BZ: Basic Bronze		-B36: Flood		-T35: 3500K	
	B: Black		-B60: Wide Flood		-T40: 4000K	-SDL: Daylight Sensor*^
	LS: Light Silver*					-JB: Integral Junction Box 1-Outlet
	DG: Dark Grey*					-JB2: Integral Junction Box 2-Outlet
	MG: Metallic Gold*					
	LS: Metallic Black*					

*Special order. Minimum order, extended lead time may apply. Consult factory. ^Not available on WD1360J

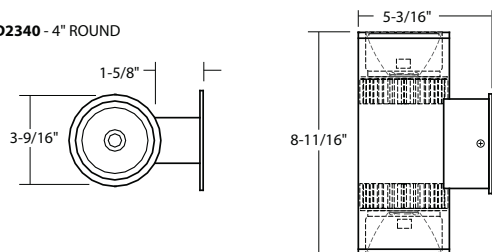
WD2 dual reflectors for both **direct** and **indirect** illumination.



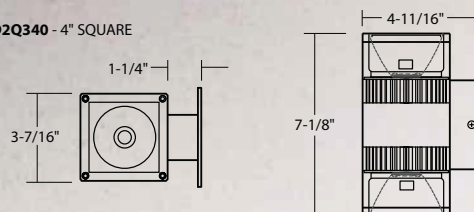
LITON's WD2 Series 2-direction wall luminaire can be used in both interior and outdoor settings. Typical locations are in commercial and retail spaces that contain walls and/or columns that require directional lighting. Dual reflector design allows for direct and indirect lighting from a single fixture.

NEW
1500, 2200
& 2600lm
Packages!

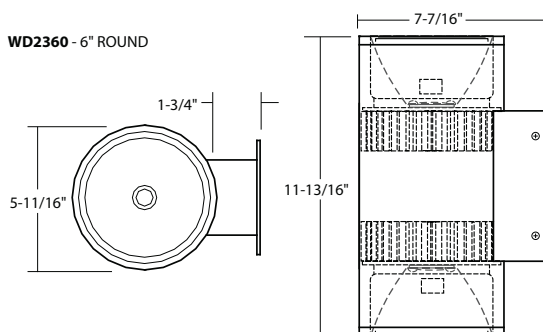
WD2340 - 4" ROUND



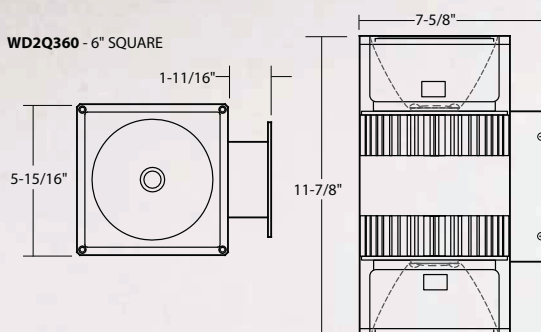
WD2Q340 - 4" SQUARE



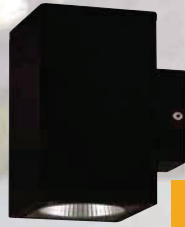
WD2360 - 6" ROUND



WD2Q360 - 6" SQUARE



OUTDOOR | 2-DIRECTION | 4 & 6 INCH | WALL MOUNT | ROUND | SQUARE

1000 &
1500
lumens4" Round
WD2340850 &
1300
lumens4" Square
WD2Q3401000 to
2600
lumens6" Round
WD23601000 to
2600
lumens6" Square
WD2Q360OUTDOOR
INDOOR

WD2340/WD2Q340 ORDERING

Example: WD2340B-L15-BD20-BU20-UE-DUN-T27

FIXTURE	FINISH	LUMENS	BEAM (DOWN)	BEAM (UP)	DIMMING	LED
WD2340	W: White	Blank: 2x850lm (30W)**	Blank: Wide Flood	Blank: Wide Flood	Blank: Non-Dimming (120V)	Blank: 4000K
WD2Q340	S: Silver	2x1000lm (30W)	-BD10: Narrow Spot	-BU02: 2° Pencil Beam		-T27: 2700K
	BZ: Basic Bronze	-L13: 2x1300lm (45W)**	-BD20: Spot	-BU10: Narrow Spot	UE-DUN: UniDim™ (120V/277V)	-T30: 3000K
	B: Black	-L15: 2x1500lm (45W)	-BD45: Flood	-BU20: Spot		-T35: 3500K
	LS: Light Silver*			-BU45: Flood		
	DG: Dark Grey*					
	MG: Metallic Gold*					
	LS: Metallic Black*					

*Special order. Minimum order, extended lead time may apply. Consult factory. **WD2Q340
Emergency Back Up available. Consult Factory.

WD2360/WD2Q360 ORDERING

Example: WD2360B-L13-BD45-BU02-UE-DUN-T30

FIXTURE	FINISH	LUMENS	BEAM (DOWN)	BEAM (UP)	DIMMING	LED	OPTIONS
WD2360	W: White	Blank: 2x1000lm (30W)	Blank: Wide Flood	Blank: Wide Flood	Blank: Non-Dimming (120V)	Blank: 4000K	-JB: Integral Junction Box 1-Outlet
WD2Q360	S: Silver	-L15: 2x1500lm (45W)	-BD10: Narrow Spot	-BU02: 2° Pencil Beam		-T27: 2700K	
	BZ: Basic Bronze	-L20: 2x2200lm (45W)	-BD20: Spot	-BU10: Narrow Spot	UE-DUN: UniDim™ (120V/277V)	-T30: 3000K	-JB2: Integral Junction Box 2-Outlet
	B: Black	-L26: 2x2600lm (64W)	-BD45: Flood	-BU20: Spot		-T35: 3500K	
	LS: Light Silver*		-BDIV: Type IV (Forward Throw)	-BU45: Flood		-TAM: 590nm Amber*	
	DG: Dark Grey*						
	MG: Metallic Gold*						
	LS: Metallic Black*		-BWW: Wall Wash Optics¹				

*Special order. Minimum order, extended lead time may apply. Consult factory.
¹Available on WD2360 only.
Emergency Back Up available. Consult Factory.

DL ceiling or pendant mount downlight.



NEW Pendant Option!



The DL Series is now available as a pendant mount. See Outdoor Pendant Mounting on page 22 for ordering.

LITON's DL Series ceiling mount downlight can be used in both outdoor and indoor settings. Typical locations are in commercial and retail spaces that require lighting from above. Dark Sky compliant. Pendant kits are available in 12", 18", 24", 36", and 48". See Outdoor Pendant Mounting Accessories on page 22 for details.

Features

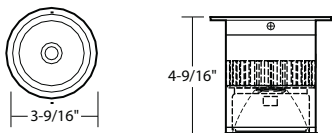
- New pendant mounting options
- New 4" Round 1500lm options
- New 6" 1500lm, 2200lm and 2600lm options
- Dark Sky compliant in down position

Integral Junction Box Now Available!

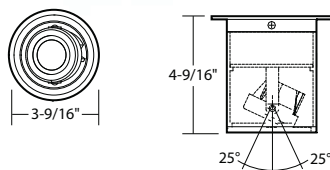


Luminaires are now available with an Integral Junction Box option. See ordering at right.

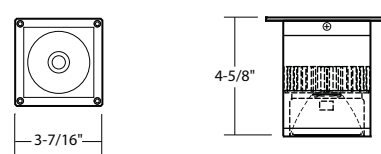
DL340 - 4" ROUND



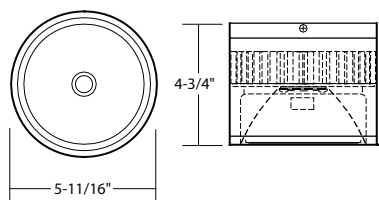
DL340J - 4" ROUND ADJUSTABLE



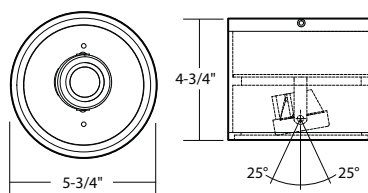
DLQ340 - 4" SQUARE



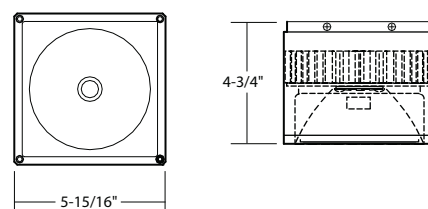
DL360 - 6" ROUND



DL360J - 6" ROUND ADJUSTABLE



DLQ360 - 6" SQUARE



OUTDOOR | 4 & 6 INCH | CEILING MOUNT | PENDANT | ROUND | SQUARE | ADJUSTABLE

4" Round
DL13401000 &
1500
lumens6" Round
DL3601000 to
2600
lumens4" Round
Adjustable
DL340J700
lumens6" Round
Adjustable
DL360J700
lumens4" Square
DLQ340850 &
1300
lumens6" Square
DLQ3601000 to
2600
lumensSee Outdoor Pendant
Mounting Accessories
on page 22.OUTDOOR
INDOOR

DL340/DLQ340 ORDERING

Example: DL340B-B02-UE-DUN-T27-EMAC

FIXTURE	FINISH	LUMENS	BEAM SPREAD	DIMMING	LED	OPTION
DL340	W: White	Blank: 850lm (15W)**	Blank: Wide Flood	Blank: Non-Dimming (120V)	Blank: 4000K	Blank: None
DLQ340	S: Silver	1000lm (15W)	-B02: 2° Pencil Beam	UE-DUN: UniDim™ (120V/277V)	-T27: 2700K	-EMAC: Emergency Back Up
	BZ: Basic Bronze	-L13: 1300lm (22W)**	-B10: Narrow Spot		-T30: 3000K	-FR: Frosted Lens
	B: Black	-L15: 1500lm (22W)	-B20: Spot		-T35: 3500K	-JB: Integral Junction Box
	LS: Light Silver*		-B45: Flood			
	DG: Dark Grey*		-BWW: Wall Wash Optic			
	MG: Metallic Gold*					
	LS: Metallic Black*					

*Special order. Minimum order, extended lead time may apply. Consult factory. **DLQ340

DL360/DLQ360 ORDERING

Example: DL360B-L15-B20-UE-DUN-T27-EMAC

FIXTURE	FINISH	LUMENS	BEAM SPREAD	DIMMING	LED	OPTION
DL360	W: White	Blank: 1000lm (15W)	Blank: Wide Flood	Blank: Non-Dimming (120V)	Blank: 4000K	Blank: None
DLQ360	S: Silver	-L15: 1500lm (22W)	-B02: 2° Pencil Beam	UE-DUN: UniDim™ (120V/277V)	-T27: 2700K	-EMAC: Emergency Back Up
	BZ: Basic Bronze	-L20: 2200lm (22W)	-B10: Narrow Spot		-T30: 3000K	-SDL: Daylight Sensor*^
	B: Black	-L26: 2600lm (30W)	-B20: Spot		-T35: 3500K	-LVR: Hex Cell Louver
	LS: Light Silver*		-B45: Flood		-TAM: 590nm Amber*	-FR: Frosted Lens
	DG: Dark Grey*		-BWW: Wall Wash Optic			-JB: Integral Junction Box
	MG: Metallic Gold*					
	LS: Metallic Black*					

*Special order. Minimum order, extended lead time may apply. Consult factory. ^Not available on DL360.

DL340J/DL360J ORDERING

Example: DL340JW-B45-UE-DUN-T27-EMAC

FIXTURE	FINISH	LUMENS	BEAM SPREAD	DIMMING	LED	OPTION
DL340J	W: White	Blank: 700lm (9W)	-B45: Flood	Blank: Non-Dimming (120V)	-T27: 2700K	Blank: None
DL360J	S: Silver		-B60: Wide Flood	UE-DUN: UniDim™ (120V/277V)	-T30: 3000K	-EMAC: Emergency Back Up
	BZ: Basic Bronze				-T35: 3500K	-JB: Integral Junction Box
	B: Black				-T40: 4000K	
	LS: Light Silver*					
	DG: Dark Grey*					
	MG: Metallic Gold*					
	LS: Metallic Black*					

*Special order. Minimum order, extended lead time may apply. Consult factory.

LUMEN CANNON features powerful lumen output for indoor high ceiling applications.

LITON's Lumen Cannon architectural grade surface mount LED indoor downlight is perfect for atriums, lobbies, places of worship, auditoriums and other applications with high ceilings.

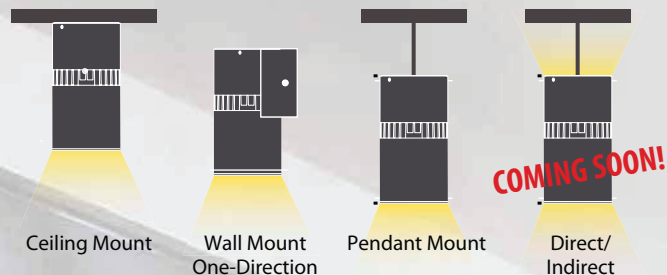
Features

- New Low Cost DINP1 2-Wire Dimming Option
- Integral Emergency Option
- Matching Silver finish in 4"
- Matching Wall Mount Version in 4"
- New Lower Cost 25° & 70° Beam Option in 6"
- 11,000 Lumen option
- New Clamp Mount Option
- New 3/4" Pipe Hub Mounting Option
- Wireless Dimming and Color Tuning Options coming soon.

Sizes



Mounting Options



LCALD4

Highly polished segmented inner reflector insures that maximum photons are launched from the LUMEN CANNON to the target zone

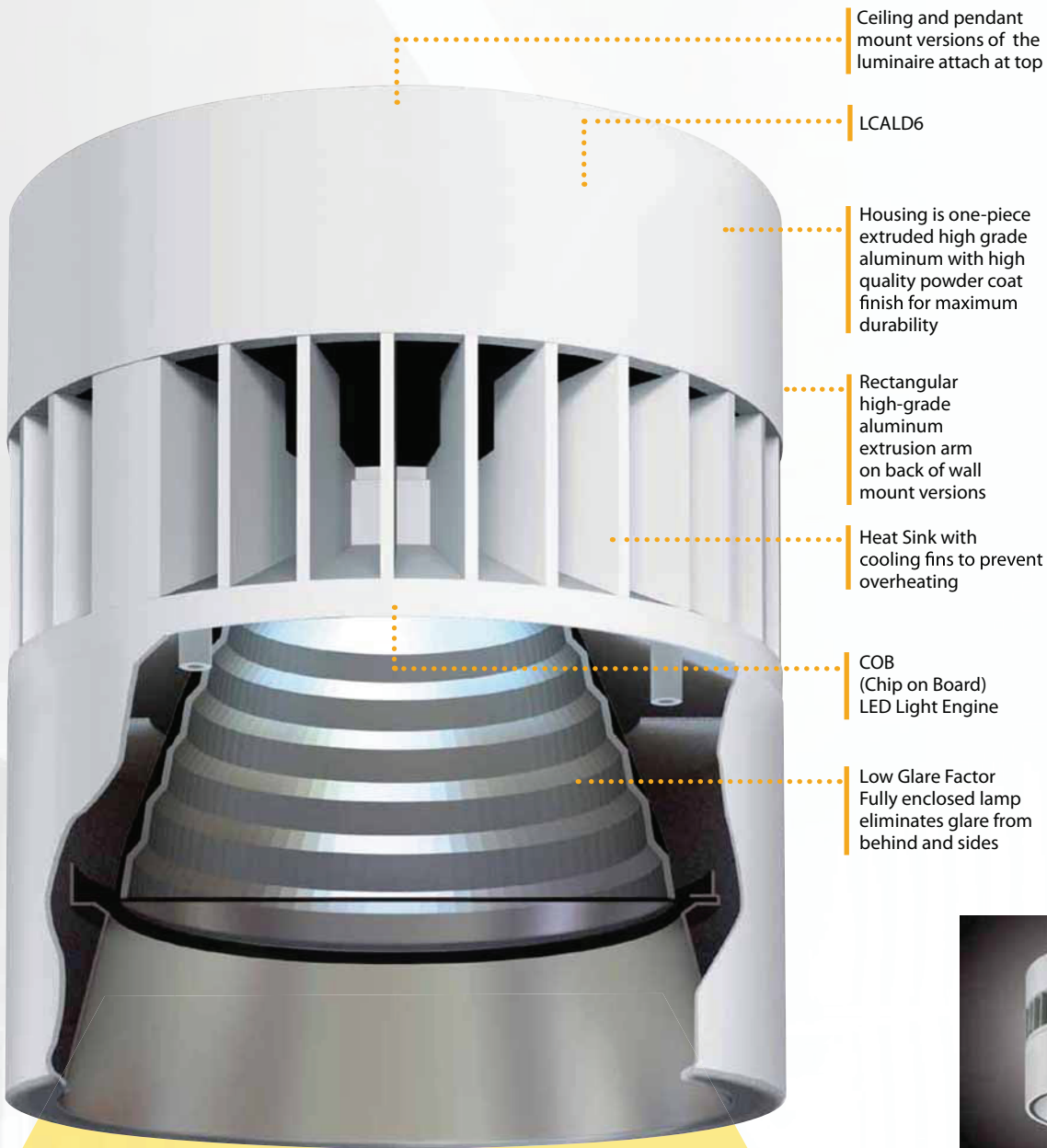
LED is available in 10 lumen packages:

600lm/12W, 1100lm/14W
1100lm/18W, 1500lm/25W
2200lm/20W, 2600lm/28W
3700lm/40W, 4300lm/50W
6000lm/60W, 11000lm/125W

Satin finish outer reflector knocks down stray light and helps to maintain firm beam control

Impact resistant glass lens features frosted outer ring that reduces glare and lamp image

INDOOR | 4 & 6 INCH | CEILING MOUNT | WALL MOUNT | PENDANT



Color Finishes



B - Black



W - White



S - Silver



Wood
Custom, contact
factory

INDOOR



LCALD6EM Lumen Cannon
6" integral emergency option is
available. See page 8 for ordering.

Beam Spread Options

LCALD4/LWMLD4



B30 -
30° Narrow

B50 -
50° Flood

LCALD6/LWMLD6



B10 -
10° Spot

B25 -
25° Narrow

B30 -
30° Narrow

B50 -
50° Flood

B70 -
70° Wide

LCALD6X11



B15 -
15° Narrow

B45 -
45° Flood

B70 -
70° Wide



*



* See website for LCALD6 Energy Star Qualified lumen packages.

LUMEN CANNON,
powerful lighting for
high ceiling applications.



Designed for cathedral ceilings, atriums, lobbies, exhibit halls and conference venues, the Lumen Cannon offers explosive lumen output for indoor ceilings from 9' to 60'. Pendant kits are available in 12", 18", 24", 36", and 48". See Indoor Mounting Accessories on page 22 for details.

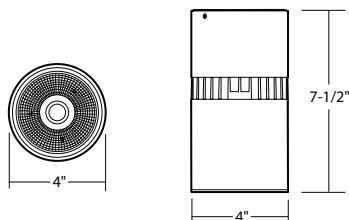
NEW
Low Cost DINP1
2-Wire Dimming!

NEW Powerful
11000lm Offering!

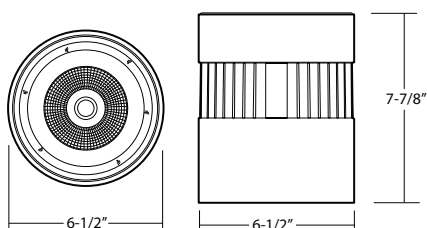


LCALD6X11 Lumen Cannon

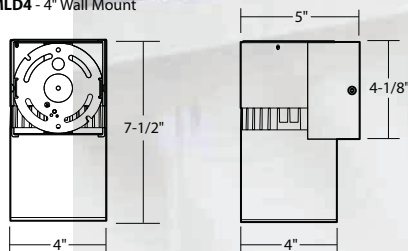
LCALD4 - 4" Ceiling/Pendant Mount



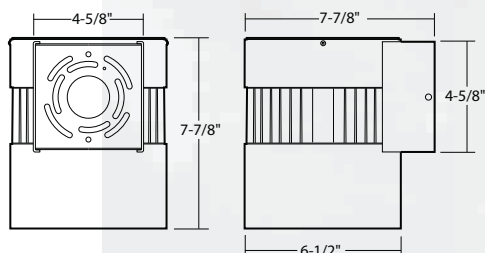
LCALD6 - 6" Ceiling/Pendant Mount



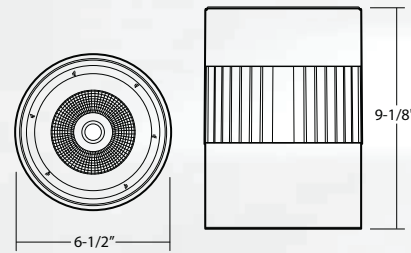
LWMLD4 - 4" Wall Mount



LWMLD6 - 6" Wall Mount



LCALD6X11 - 6" Ceiling/Pendant Mount



INDOOR | 4 & 6 INCH | CEILING MOUNT | WALL MOUNT | PENDANT

4" Round
Ceiling/
Pendant Mt.
LCALD4

600 to
2200
lumens



4" Round
Wall Mt.
LWMLD4

600 to
2200
lumens



See Lumen Cannon
Pendant Mounting
Options on page 22.

6" Round
Ceiling/
Pendant Mt.
LCALD6

1100 to
6000
lumens



6" Round
Wall Mt.
LWMLD6

1100 to
6000
lumens



6" Round
Ceiling/
Pendant Mt.
LCALD6X11

11000+
lumens



INDOOR

LCALD4/LWMLD4 ORDERING

Example: **LCALD4B120-UE-DUN-T27**

FIXTURE	FINISH	LUMENS	BEAM SPREAD	DIMMING	LED
LCALD4 LWMLD4	Blank: White/	060: 600lm (12W)	Blank: 30° Flood	Blank: Non-Dimming (120V)	Blank: 3000K
	Black Fins	120: 1100lm (14W)	-B50: 50° Wide Flood		-C90: 3000K, 90 CRI
	B: Black	220: 2200lm (20W)**	-B70: 70° Very Wide Flood***	UE: Non-Dimming (120V/277V)	-C97: 3000K, 97 CRI
	S: Silver			UE-DUN: UniDim™ (120V/277V)	-T17: 1700K*
	WW: All White				-T25: 2500K*
					-T27: 2700K
					-T27-C90: 2700K, 90+ CRI
					-T27-C97: 2700K, 97 CRI
					-T35: 3500K
					-T40: 4000K
					-T65: 6500K

*Extended lead time may apply. Consult factory. **Not for use with Surface Mount Applications on LCALD4. ***LCALD4 only.

LCALD6/LWMLD6 ORDERING

Example: **LCALD6W101-B30-DINP1-T27**

FIXTURE	FINISH	LUMENS***	BEAM SPREAD	DIMMING^	LED
LCALD6	B: All Black	101: 1100lm (18W)	Blank: Flood	Blank: Non-Dimming	Blank: 3000K
LWMLD6	W: All White	151: 1500lm (25W)	-B10: 10° Spot*	-D10 0-10V, 10% Dimming	-C90: 3000K, 90 CRI
	S: Silver/Black Fins**	320: 2600lm (28W)	-B25: 25° Narrow	-D10P1 0-10V, 1% Dimming	-C97: 3000K, 97 CRI
		350: 3700lm (40W)	-B30: 30° Narrow*	-DEC Lutron Ecosystem, 5% Dimming	-T27: 2700K+
		450: 4300lm (50W)	-B70: 70° Wide Flood*	-DHL Lutron Hilume 1% Dimming	-T27-C90: 2700K, 90 CRI
		550: 6000lm (60W)		-DIN: 2-Wire 10% Dimming (120V)	-T27-C97: 2700K, 97 CRI
				-DINP1 2-Wire 1% Dimming (120V)	-T35: 3500K
				-DLI DALI 0% Dimming	-T40: 4000K
				-DMX DMX 0% Dimming	
				-DUN: UniDim™ †	

*Not available for 1100lm/1500lm. **Silver/Silver Fins on LWMLD6. ***Nominal delivered lumens, see photometry page for exact values.

^ All drivers are 120V/277V except DIN option. † UniDim not available for 6000lm on LCALD6. +Extended lead time may apply for quantities over 100 for LWMLD6.

LCALD6X11 ORDERING

Example: **LCALD6X11B-B15-DUN-T27**

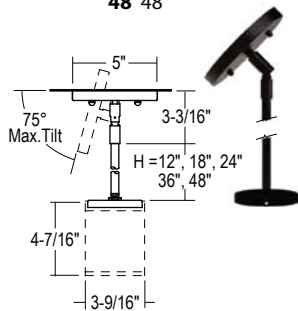
FIXTURE	FINISH	LUMENS	BEAM SPREAD	DIMMING	LED
LCALD6X11	Blank: White/Black Fins	Blank: 11000lm (125W)	-B15: 15° Spot	Blank: Non-Dimming 120V/277V	-T27: 2700K
	S: Silver/Black Fins		-B40: 40° Flood	-DUN: UniDim™ 120V/277V, 0-10V ELV and Incandescent Controls	-T30: 3000K
	B: Black		-B70: 70° Wide Flood		-T35: 3500K
					-T40: 4000K

Accessories

Outdoor Pendant Mounting

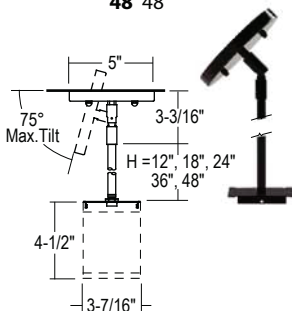
4" Adjustable Pendant Round

Ordering	Stem	Finish
LPCMDL4	12 12"	W White
	18 18"	B Black
	24 24"	
	36 36"	
	48 48"	



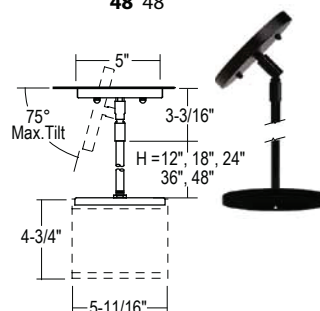
4" Adjustable Pendant Square

Ordering	Stem	Finish
LPCMDLQ4	12 12"	W White
	18 18"	B Black
	24 24"	
	36 36"	
	48 48"	



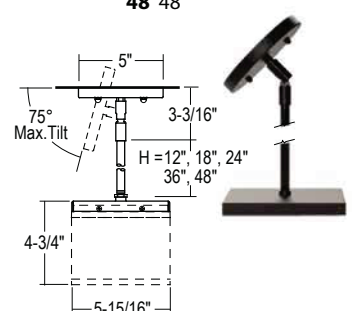
6" Adjustable Pendant Round

Ordering	Stem	Finish
LPCMDL6	12 12"	W White
	18 18"	B Black
	24 24"	
	36 36"	
	48 48"	



6" Adjustable Pendant Square

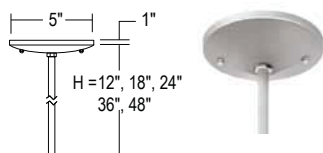
Ordering	Stem	Finish
LPCMDLQ6	12 12"	W White
	18 18"	B Black
	24 24"	
	36 36"	
	48 48"	



Indoor Mounting for Lumen Cannon

Pendant for Flat Ceilings

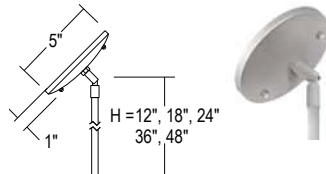
Ordering	Stem	Finish
LPCM12	12" Stem	W White
LPCM18	18" Stem	B Black
LPCM24	24" Stem	N Natural
LPCM36	36" Stem	
LPCM48	48" Stem	



Mounts to standard electrical J-Box.

Pendant for Sloped Ceilings

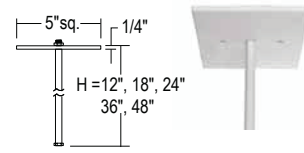
Ordering	Stem	Finish
LPCMJ12	12" Stem	W White
LPCMJ18	18" Stem	B Black
LPCMJ24	24" Stem	N Natural
LPCMJ36	36" Stem	
LPCMJ48	48" Stem	



Mounts to standard electrical J-Box.

Square Ceiling Adapter

Ordering	Stem	Finish
LPCMQ12	12" Stem	W White
LPCMQ18	18" Stem	B Black
LPCMQ24	24" Stem	
LPCMQ36	36" Stem	
LPCMQ48	48" Stem	

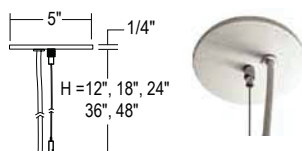


Mounts to standard electrical J-Box.

Cable Extension Kit

Ordering	Max Length	Finish
LPCMC72	72" Max	W White
LPCMCJ120	120" Max	B Black

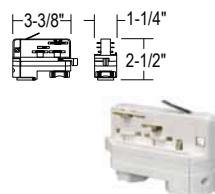
Sloped Ceiling



Mounts to standard electrical J-Box. Field adjustable. 4-Wire electrical cable for dimming and non-dimming installations. Aircraft-grade cable.

Track Mount for LCALD6

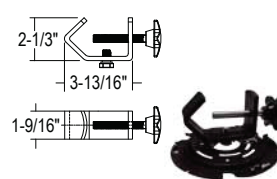
Ordering	Finish
LPTM6W-3C1N	White
LPTM6B-3C1N	Black



Mounts to LITON 3C/1M Multi-circuit Architectural Track for easy installation.

Clamp Mount for LCALD6

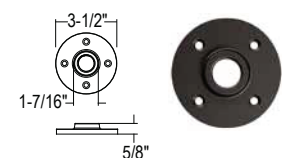
Ordering	Finish
LPCMC-CLAMPW	White
LPCMC-CLAMPB	Black



Mounts to Piping and Truss systems up to 2" side. Power Cable not Included. Consult factory for wiring options.

Thread Hub for Pipe Mounting

Ordering	Pipe Size
LPCMC-HUB-1/2	1/2"
LPCMC-HUB-3/4	3/4"
LPCMC-HUB-1	1"



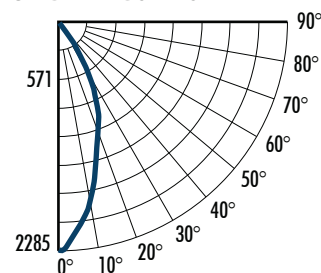
Thread Hub for Pipe Mounting for LCALD4 and LCALD6.

Lumen Cannon Photometry

LCALD4120-T40, 1100lm, 30° Narrow Flood, 4000K

System Power:	13.7W	MULTIPLIERS	
Test Date:	11/2017	3500K:	0.92
Beam Angle 50%:	39.0°	3000K:	0.79
Field Angle 10%:	67.3°	2700K:	0.71
Color Temperature:	3787K	LUMEN MULTIPLIERS	
CRI :	84.5	600lm:	0.49
R9 Value:	25.1	2200lm:	1.79
Lumens Delivered:	1231lm		
CBCP:	2285cd		
Power Factor:	0.99		

CANDELA TABULATION



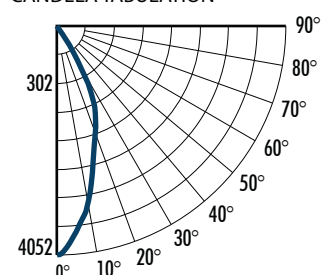
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8'	5.7'	35.7
10'	8.5'	15.9
12'	11.3'	8.9
14'	14.2'	5.7
16'	17.0'	4.0

LCALD4220-B45-T40, 2200lm, Flood, 4000K

System Power:	19.8W	MULTIPLIERS	
Test Date:	2/2017	3500K:	0.91
Beam Angle 50%:	40.1°	3000K:	0.78
Field Angle 10%:	73.2°	2700K:	0.70
Color Temperature:	3831K	LUMEN MULTIPLIERS	
CRI :	84.6	600lm:	0.27
R9 Value:	25.5	1100lm:	0.49
Lumens Delivered:	2258lm		
CBCP:	4105cd		
Power Factor:	0.99		

CANDELA TABULATION



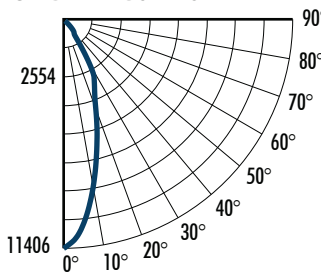
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
3.3'	2.4'	376.4
6.6'	4.8'	94.1
9.8'	7.2'	41.8
13.1'	9.6'	23.5
16.4'	12.0'	15.1

LCALD6550-T40, 6000lm, Flood, 4000K

System Power:	62.3W	MULTIPLIERS	
Test Date:	6/2016	3500K:	0.88
Beam Angle 50%:	33.6°	3000K:	0.75
Field Angle 10%:	67.6°	2700K:	0.68
Color Temperature:	4000K	LUMEN MULTIPLIERS	
CRI :	80.0	4300lm:	0.65
R9 Value:	33.0	3700lm:	0.56
Lumens Delivered:	6576lm	2600lm:	0.40
CBCP:	41185cd	1500lm:	0.23
Power Factor:	>0.9	1100lm:	0.17

CANDELA TABULATION



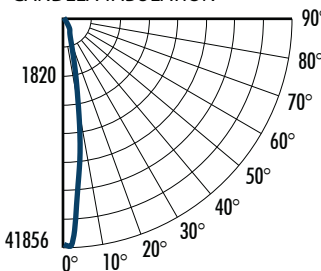
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10'	6.0'	114.1
16'	9.7'	44.6
22'	13.3'	23.6
28'	16.9'	14.5
33.7'	20.3'	10.0

LCALD6550-B10-T40, 6000lm, 10° Spot, 4000K

System Power:	63.2W	MULTIPLIERS	
Test Date:	7/2016	3500K:	0.88
Beam Angle 50%:	16.4°	3000K:	0.75
Field Angle 10%:	36.6°	2700K:	0.68
Color Temperature:	4000K	LUMEN MULTIPLIERS	
CRI :	80.0	4300lm:	0.65
R9 Value:	33.0	3700lm:	0.56
Lumens Delivered:	6576lm	2600lm:	0.40
CBCP:	41185cd	1500lm:	0.23
Power Factor:	>0.9	1100lm:	0.17

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10'	2.9'	418.6
20'	5.9'	104.6
30'	8.6'	46.5
40'	11.5'	26.2
64.7'	18.6'	10.0



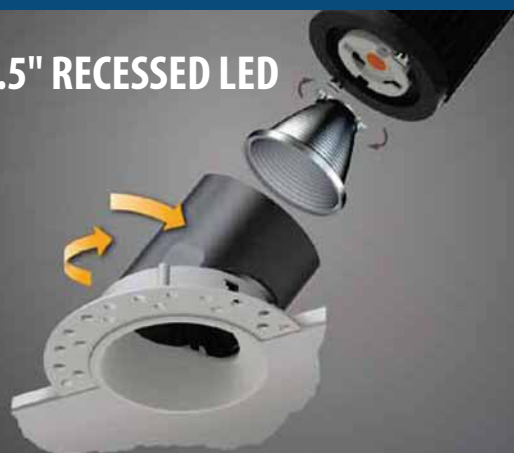
- WD 1-DIRECTION OUTDOOR LED
- WD 2-DIRECTION OUTDOOR LED
- DL DOWNLIGHT OUTDOOR LED
- LUMEN CANNON INDOOR LED
- MOUNTING ACCESSORIES

ALSO AVAILABLE

▶ LUMEN BLAST LED



▶ 2.5" RECESSED LED



▶ DL3R LED



▶ APOLLO LED

