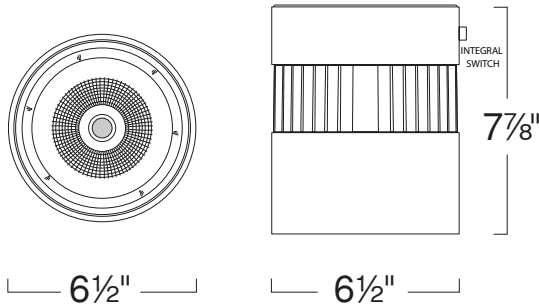


LCALD6EM : 6" LUMEN CANNON LED SURFACE MOUNT INTEGRAL EMERGENCY 1100LM-3700LM (25W-44W)

- 120V/277V input standard, 347V available
- On emergency mode, LEDs operate for a minimum of 90 minutes
- Pendant mounting available for flat and sloped ceilings



ORDERING – Example: LCALD6EMB151-C97-FR

LCALD6EM

Fixture	Finish	Lumen	Beam Spread	Dimming	LED	Options			
Finish		Beam Spread		Dimming		LED	Options		
All Black	B	Flood	Blank	Non-Dimming	Blank	3000K	Blank	None	Blank
All White	W	10° Spot	-B10	0-10V 10% Dimming	-D10	3000K, 90 CRI	-C90	Frosted Lens	-FR
Dark Gray/ Black Fins	DG	30° Narrow	-B30			3000K, 97 CRI	-C97		
		70° Wide	-B70			1700K	-T17*		
						2500K	-T25*		
Lumens ²						2700K	-T27*		
1100lm	101					2700K, 90 CRI	-T27-C90		
1500lm	151					2700K, 97 CRI	-T27-C97*		
2600lm	320					3500K	-T35		
3700lm	350					4000K	-T40		



* Extended Lead Time may apply. Consult Factory.

347V Input with 0-10V Dimming available. Consult factory for lead times

MOUNTING ACCESSORIES

LPCMC/LPCMCJ
Cable Extension Kit
(2-Circuit option is
required for LCALD6EM)



LPCM/LPCMJ
Pendant Accessory



LPCMQ
Square Ceiling
Adapter



LPTM6_3C1N
Track Mount



LPCMC-CLAMP
Clamp Mount



LPCMC-HUB
Thread Hub -
for pipe mounting



PST060
Top Cover Plate



See p. 3 for ordering and more detailed information on Mounting Accessories.

SPECIFICATION

Application

Architectural-grade pendant LED downlight housing combines energy efficiency with powerful lumen output. Perfect for public spaces that have high ceilings.

Housing

Spun steel with die-cast aluminum heat sink. 20ga Wire Guard included. Weighs less than 4 lb.

Mounting - Universal mounting hardware allows mounting to all standard electrical junction boxes. Optional 6" to 48" Stem, 120" Pendant Cable and other accessories are also available. See page 3.

Reflector

Multifaceted Specular Reflector.

Optics

LED Light Engine - LED array meets CA Title 24 Requirements and other standards restricting the use of Medium Base or Bi-Pin Sockets.

Color Temperature - Available in 3000K, 3000K 90CRI, 3000K 97CRI, 1700K, 2500K, 2700K, 2700K 90CRI, 2700K 97CRI. 80 CRI minimum unless specified.

Beam Spread - Available in Flood, 10° Spot, 30° Narrow and 70° Wide.

Lumen Maintenance - Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Electrical Components

Driver - 120V/277V AC 50/60Hz Electronic Direct Current Class 2 driver integrally mounted on large access Junction Box. Power Factor > 0.90. Operating Temperature: -10°C to +80°C. Accessible from above or below ceiling.

Lumens: Available in 1100lm, 1500lm, 2600lm and 3700lm.

Beam Spread: Available in Flood, 10° Spot, 30° Narrow and 70°

Dimming - 0-10V dimming option (-D10) works with most 5-Wire 0-10V dimmers. Factory qualified for use with Leviton IP710-DLX and Lutron NTFTV-WH.

Thermal Management - Heat dissipation facilitated by exposed integral aluminum black heat sink to maximize heat rejection in an open air environment. Recommended ambient temperature is below 35°C to achieve minimum L70 life of 50,000 hours according to LM80 standard.

Emergency - Emergency LED Battery Back-up integrally mounted inside fixture for unobtrusive design illuminates during normal power to blend in with other AC Only Architectural Luminaires. Upon failure of normal utility power, the device immediately switches to the emergency mode, operating the LEDs for a minimum of 90 minutes. Level A Sound Rating. Battery Operates @ 0°C to 40°C Ambient (32°F to 104°F). Battery re-charge within 24 hours. The battery is a maintenance-free, environmentally friendly Lithium Iron Phosphate with 50,000 hour life. A low voltage battery disconnect feature protects the battery from severe damage during prolonged

power failures. Self-diagnostic feature monitors LED status, emergency LED driver circuit, battery capacity and charger function and displays any fault detection via test switch.

Transient surge protection device on AC input. (Line-Neutral 1kV, Line & Neutral-Ground 3kV.) Short Circuit/Overload and Over Temperature Protection.

Test Switch: Exposed illuminated push test switch easily accessible from front of fixture. Blinking LED indicates fixture fault to alert maintenance. Manual testing is available at any time using the push-to-test button.

Finishes

High quality powder coat finish for maximum durability. Available in all White (W), All Black (B), and Dark Gray/Black Fins (DG). Consult factory for Custom Color.

Certifications and Listings

ETL/cETL listed to UL1598 and UL8750. Suitable for dry and damp locations. NYC approved: Calendar #41937. For Wet Location, see DL series.

Caution

Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

Warranty

Covered by a 5-Year Warranty to be free of defects in materials and craftsmanship. Fixture should not be installed in applications with ambient temperature above 60°C. Doing so will result in reduced lamp life and voided warranty.

Mounting Accessories

ORDERING – Example: LPCM12W

Ordering

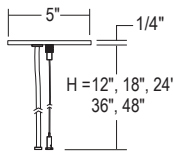
Fixture Finish

Options

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

Cable Extension Kit

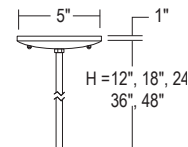
Ordering		Fixture Finish	Options
72" Max	LPCMC72	White W	None Blank
120" Max	LPCMCJ120	Black B	2-Circuit -2CCT
Sloped Ceiling			Wall Plug Adapter -PI



Mounts to standard electrical J-Box.

Pendant Accessory for Flat Ceilings

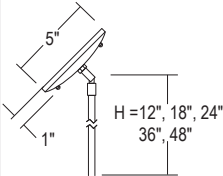
Ordering		Fixture Finish	Options
12" Extension	LPCM12	White W	None Blank
18" Extension	LPCM18	Black B	2-Circuit -2CCT
24" Extension	LPCM24	Natural N	Wall Plug Adapter -PI
36" Extension	LPCM36		
48" Extension	LPCM48		



Mounts to standard electrical J-Box.

Pendant Accessory for Sloped Ceilings

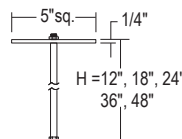
Ordering		Fixture Finish
12" Extension	LPCMJ12	White W
18" Extension	LPCMJ18	Black B
24" Extension	LPCMJ24	Natural N
36" Extension	LPCMJ36	
48" Extension	LPCMJ48	



Mounts to standard electrical J-Box.

Square Ceiling Adapter

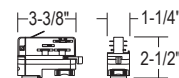
Ordering		Fixture Finish
12" Extension	LPCMQ12	White W
18" Extension	LPCMQ18	Black B
24" Extension	LPCMQ24	
36" Extension	LPCMQ36	
48" Extension	LPCMQ48	



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

Track Mount for 6" Lumen Cannon

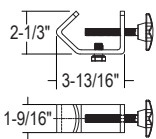
Ordering	
White	LPTM6W-3C1N
Black	LPTM6B-3C1N



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

Clamp Mount

Ordering	
White	LPCMC-CLAMPW
Black	LPCMC-CLAMPB



Thread Hub for Pipe Mounting for LCALD4 and LCALD6.

Thread Hub for Pipe Mounting

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

