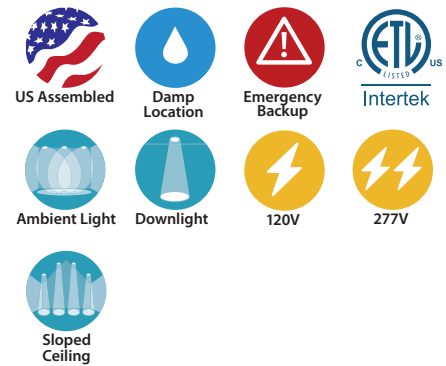
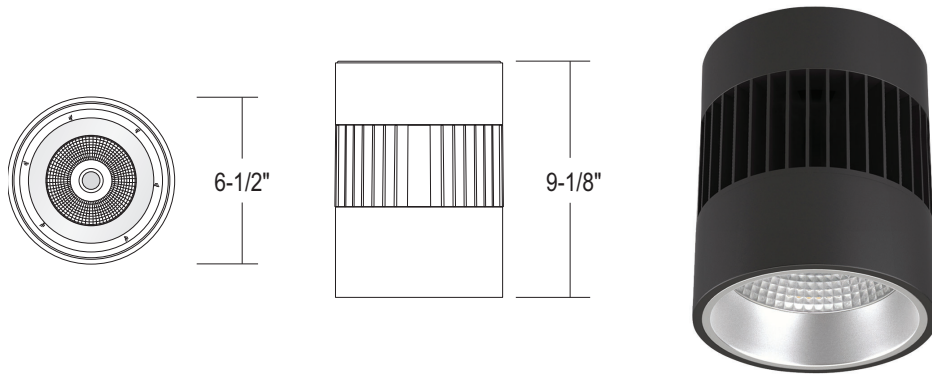


LCALD6X11 : 6" LUMEN CANNON

PENDANT/ CEILING MOUNT 10,000LM (100W)



- 120V/277V Input Standard, 347V Available
- Exclusive UniDim™ Universal LED Dimming Option Works with 0-10V, ELV and Incandescent Controls
- Wide spectrum of Color Temperatures
- Sturdy Steel Fixture Housing, <8lbs
- Pendant mounting available for flat and sloped ceilings

ORDERING : LCALD6X11B-B15UE-DUN-T30

LCALD6X11

Fixture	Finish	Beam Spread	Dimming	CCT
Finish		Beam Spread ¹	Dimming	CCT
White/Black Fins	Blank	15° Spot -B15	Non-Dimming (120V) Blank	2700K (80 CRI) -T27
All Black	B	40° Flood -B40	ELV and Triac Dimming (120V) -DIN	2700K (90 CRI) -T27-C90
Silver/Black Fins	S	70° Wide Flood -B70	UniDim™ (120V/277V) UE-DUN	3000K (80 CRI) -T30
Dark Gray/Black Fins	DG²		0-10V Dimming (120V/277V) UE-D10	3000K (90 CRI) -T30-C90
			0-10V 1% Dimming (120V/277V) UE-D10P1	3000K (97 CRI) -T30-C97
				3500K (90 CRI) -T35-C90
				4000K (90 CRI) -T40-C90

¹ Lumens are nominal delivered lumens. See Photometry page for exact values.

² Special Order. Minimum order quantity (MOQ), extended lead time may apply. Consult Factory.

347 Input with 0-10V available. Consult Factory for details and lead time.
 Energy Efficient Chip-On-Board (COB) Singular LED Light source provides for smooth uniform light output, eliminating the multiple shadow effect seen by multiple LED source products.
 Binned with 3-Step MacAdam Ellipses as recommended by Ansi Standard. Available in 2700k, 3000k, 3500k, 4000k, 5000k.
 Custom RAL Color: Please note that we appreciate custom finishes. Custom finishes are subject to a special paint setup fee for the quantity ordered. Extended lead times may apply.
 Consult Factory.

MOUNTING ACCESSORIES

LPCMC6/LPCMCJ6
Cable Extension Kit
for flat or sloped ceilings



LPCM6/LPCMJ6
Pendant Accessory
for flat or sloped ceilings



LPCMQ6
Square Ceiling
Adapter



See p. 4 for ordering and more detailed information on Mounting Accessories

SPECIFICATION

Application

Architectural-grade surface mount LED downlight housing for medium to high ceilings combines energy efficiency with powerful lumen output. Perfect for atriums, churches, lobbies, and airports that have high ceilings.

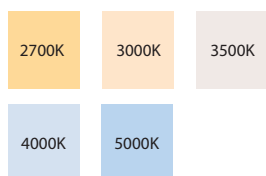
Housing

Stamped steel with die-cast aluminum heat sink. Weighs less than 8lb.

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. Consult Factory for custom lengths.

Color Temperature (CCT)



Available in:
3000K, 3500K, 4000K, 5000K (80 CRI)
2700K, 3000K, 3500K, 4000k (90 CRI)
2700K, 3000K (97 CRI)

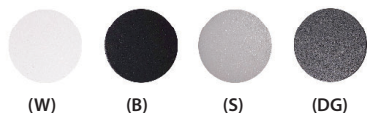
Thermal Management

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

Optics

Beam Spread - Available in B15 - 15° Spot, B40 - 40° Flood, B70 - 70° Wide Flood, and BWW - Wall Wash.

Finish



High quality powder coat finish for maximum durability. Available in White with Black Fins (Blank), all Black (B), Silver with Black Fins (S), Dark Gray with Black Fins (DG). Consult factory for Custom Color.

Certifications and Listings



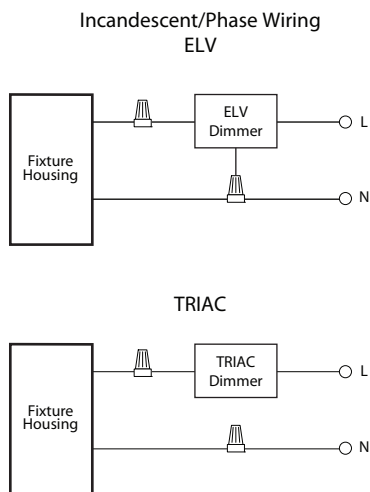
ETL/cETL listed to UL1598 and UL8750. Suitable for dry locations.
NYC approved: Calendar #41937. For Wet Location, see DL series.
Assembled in USA.

SPECIFICATION (Continued)

Dimming Options

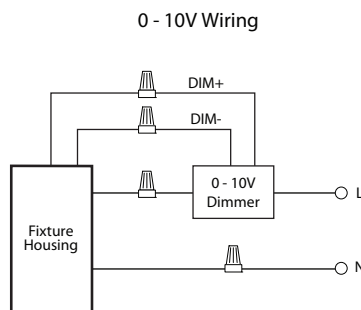
ELV and TRIAC Driver 120V (-DIN):

Compatible with electronic low voltage, and 2-Wire incandescent dimmers. Also known as leading edge, Reverse Phase, Forward Phase dimming. Allows smooth dimming down to 5% depending upon the dimmer's limitations.



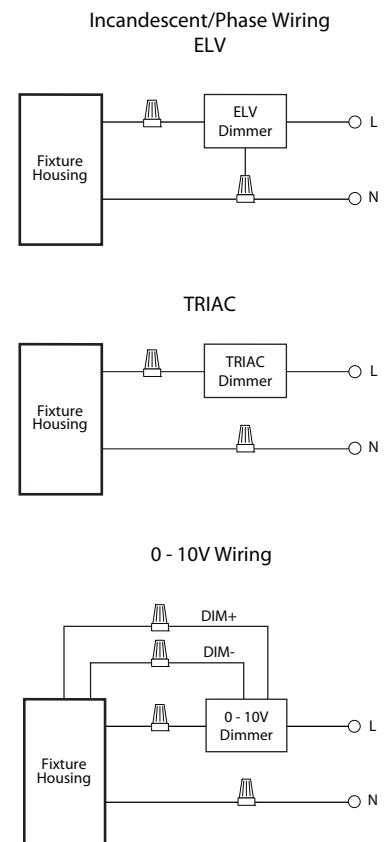
0-10V Driver 120V/277V (UE-D10):

Compatible with most existing 0-10V systems. Also known as fluorescent or 5-Wire dimming. Allows smooth dimming down to 5% depending upon the dimmer's limitations. Compatible with daylight harvesting controls.



UniDim™ Driver 120V/277V (UE-DUN):

All in one ELV and TRIAC phase dimming (120V only), and 0-10V dimming (120V/277V). Works with most 3-Wire ELV, 2-Wire incandescent and 120V/277V 5-Wire 0-10V fluorescent dimmers.



SPECIFICATION (Continued)

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.

Emergency Options

For LCALD6 with Integral Emergency-Backup, see LCALD6EM on www.liton.com. Consult Factory for Remote Emergency-Backup Options and Compatibility.

Mounting Accessories

ORDERING : LPCM612W-2CCT

Ordering

Fixture Finish

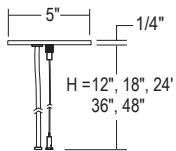
Options

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"	LPCM672	White	W	None	Blank
120"	LPCM6120	Black	B	2-Circuit	-2CCT
250"	LPCM61250			Wall Plug Adapter	-PI

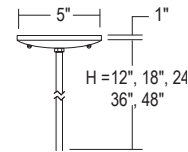
5° Max Slope Ceiling



Mounts to standard electrical J-Box.

Pendant Accessory for Flat Ceilings

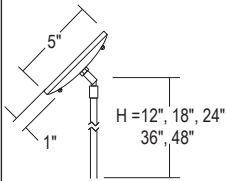
Ordering		Fixture Finish		Options	
12" Extension	LPCM612	White	W	None	Blank
18" Extension	LPCM618	Black	B	2-Circuit	-2CCT
24" Extension	LPCM624	Natural	N	Wall Plug Adapter	-PI
36" Extension	LPCM636				
48" Extension	LPCM648				



Mounts to standard electrical J-Box.

Pendant Accessory for Sloped Ceilings

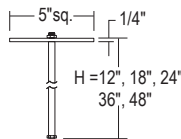
Ordering		Fixture Finish	
12" Extension	LPCM612	White	W
18" Extension	LPCM618	Black	B
24" Extension	LPCM624	Natural	N
36" Extension	LPCM636		
48" Extension	LPCM648		



Mounts to standard electrical J-Box.

Square Ceiling Adapter

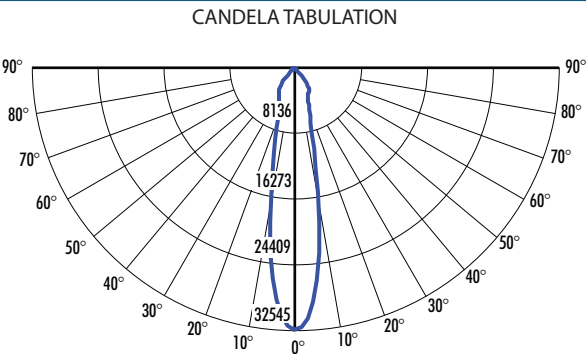
Ordering		Fixture Finish	
12" Extension	LPCM612	White	W
18" Extension	LPCM618	Black	B
24" Extension	LPCM624		
36" Extension	LPCM636		
48" Extension	LPCM648		



LCALD6X11 : 6" LUMEN CANNON
PENDANT/ CEILING MOUNT 10,000LM (100W)

LCALD6X11B-B15UE-DUN-T35-C90 (10,000lm, 15° Spot, 3500K)

System Power:	97W	MULTIPLIERS
Test Date:	5/2024	CCT MULTIPLIERS
Beam Angle 50%:	20.8°	4000K: 1.04
Field Angle 10%:	68.9°	3500K: 1.00
Color Temperature:	3665K	3000K: 0.96
CRI :	93.0	2700K: 0.90
Lumens Delivered:	9849	CRI MULTIPLIERS
CBCP:	32545	97CRI: 0.86
Power Factor:	0.99	90CRI: 1.00
		80CRI: 1.08

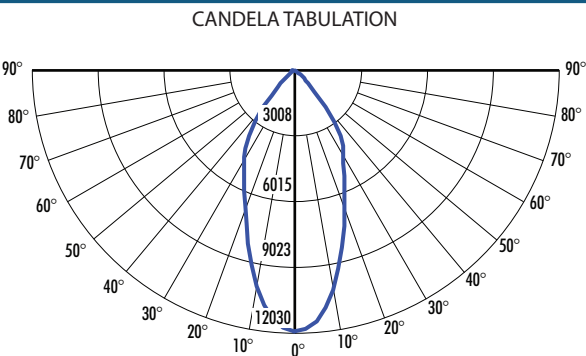


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10.0'	3.67'	325.45
20.0'	7.34'	81.36
30.0'	11.01'	36.16
40.0'	14.68'	20.34
50.0'	18.35'	13.02
57.0'	20.92'	10.02

LCALD6X11B-B40UE-DUN-T35-C90 (10,000lm, 40° Flood, 3500K)

System Power:	97W	MULTIPLIERS
Test Date:	5/2024	CCT MULTIPLIERS
Beam Angle 50%:	45.0°	4000K: 1.04
Field Angle 10%:	88.7°	3500K: 1.00
Color Temperature:	3660K	3000K: 0.96
CRI :	93.0	2700K: 0.90
Lumens Delivered:	9492	CRI MULTIPLIERS
CBCP:	12030	97CRI: 0.86
Power Factor:	0.99	90CRI: 1.00
		80CRI: 1.08

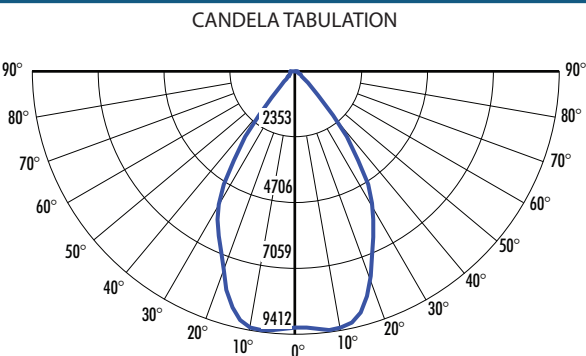


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10.0'	8.28'	120.30
15.0'	12.43'	43.47
20.0'	16.57'	30.08
25.0'	20.71'	19.25
30.0'	24.85'	13.37
34.6'	28.66'	10.05

LCALD6X11B-B70UE-DUN-T35-C90 (10,000lm, 70° Wide Flood, 3500K)

System Power:	97W	MULTIPLIERS
Test Date:	5/2024	CCT MULTIPLIERS
Beam Angle 50%:	65.2°	4000K: 1.04
Field Angle 10%:	89.1°	3500K: 1.00
Color Temperature:	3655K	3000K: 0.96
CRI :	93.1	2700K: 0.90
Lumens Delivered:	10027	CRI MULTIPLIERS
CBCP:	9409	97CRI: 0.86
Power Factor:	0.99	90CRI: 1.00
		80CRI: 1.08



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10.0'	12.79'	92.31
15.0'	19.19'	41.03
20.0'	25.58'	23.08
25.0'	31.98'	14.77
30.0'	38.37'	10.26
30.3'	38.76'	10.05

2024.05.06