LiTON®

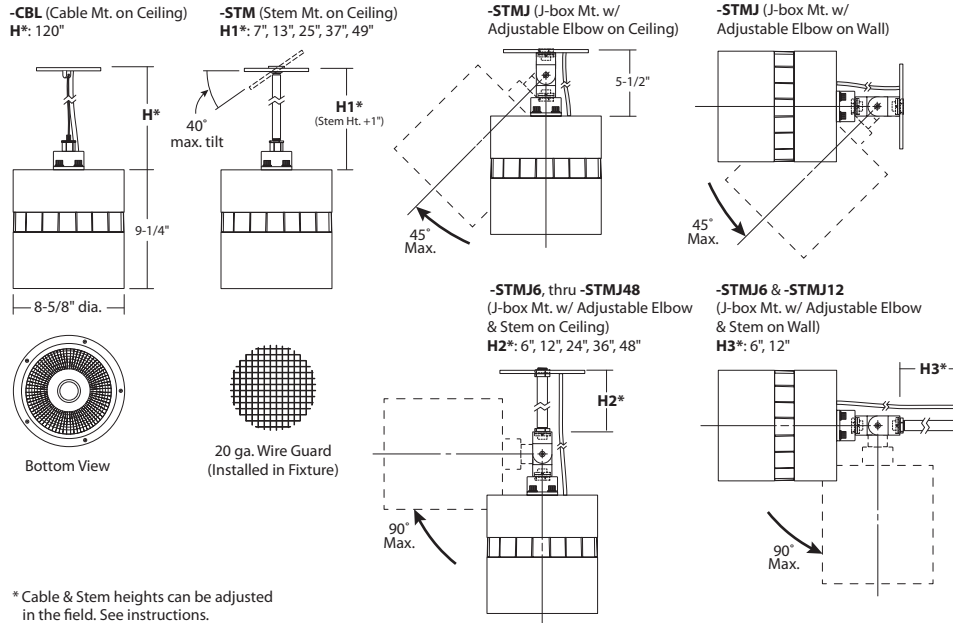| TYPE		PROJECT	
CATALOG#			

LCALD8 : 8" LUMEN CANNON
LED PENDANT ARCHITECTURAL DOWNLIGHT
13,000LM-17,000LM (114W-176W)

- 120V/277V Input Standard
- UniDim™ Universal LED Dimming Option
  Works with 0-10V, ELV and Incandescent Controls
- Weighs 12 lb
- 80 CRI Standard

-CBL (Cable Mt. on Ceiling) **H***: 120"
-STM (Stem Mt. on Ceiling) **H1***: 7", 13", 25", 37", 49"
-STMJ (J-box Mt. w/ Adjustable Elbow on Ceiling)
-STMJ (J-box Mt. w/ Adjustable Elbow on Wall)
-STMJ6, thru **-STMJ48** (J-box Mt. w/ Adjustable Elbow & Stem on Ceiling) **H2***: 6", 12", 24", 36", 48"
-STMJ6 & **-STMJ12** (J-box Mt. w/ Adjustable Elbow & Stem on Wall) **H3***: 6", 12"

H*   40° max. tilt   H1* (Stem Ht. +1")   9-1/4"   8-5/8" dia.   5-1/2"   45° Max.   90° Max.   H2*   H3*

Bottom View

20 ga. Wire Guard (Installed in Fixture)

* Cable & Stem heights can be adjusted in the field. See instructions.

Wet Location | US Assembled | Downlight | Dedicated LED | ETL Intertek | 120V | 277V

ORDERING – Example: LCALD8B130-B40UE-DUN-C90-STM12-FR

LCALD8

Fixture	Finish	Lumens	Beam Spread	Dimming	Color Temperature	Mounting	Options

Finish
All White	**W**
All Black	**B**

Lumens
13,000lm (114W)	**130**[1]
16,000lm (140W)	**160**[5]
17,000lm (176W)	**170**[5]

Beam Spread
Flood (40°)	**-B40**
Wide Flood (60°)	**-B60**

Dimming
0-10V Dimming 120V/277V	**UE-D10**[5]
UniDim™ 120V/277V, 0-10V, ELV and Incandescent Controls	**UE-DUN**[1]
DALI Dimming to 10% 120V/277V	**UE-DLI**[4]
DMX Dimming (0.1%)	**UE-DMX**[4]

Color Temperature
3000K	**Blank**
3000K (90 CRI)	**-C90**
3500K	**-T35**
3500K, 90 CRI	**-T35-C90**
4000K	**-T40**
4000K, 90 CRI	**-T40-C90**
Tunable White	**-TWW**[3]

Mounting[2]
(Ceiling Only)
6" Stem	**-STM6**
12" Stem	**-STM12**
24" Stem	**-STM24**
36" Stem	**-STM36**
48" Stem	**-STM48**
120" Cable	**-CBL120**
J-box Mnt. w/ Adj. Elbow, 24" Stem	**-STMJ24**
J-box Mnt. w/ Adj. Elbow, 36" Stem	**-STMJ36**
J-box Mnt. w/ Adj. Elbow, 48" Stem	**-STMJ48**

(Ceiling & Wall)
J-box Mnt. w/ Adj. Elbow	**-STMJ**
J-box Mnt. w/ Adj. Elbow, 6" Stem	**-STMJ6**
J-box Mnt. w/ Adj. Elbow, 12" Stem	**-STMJ12**

Options
None	**-Blank**
Frosted Lens	**-FR**

[1] (UE-DUN) is only available with (130) option.
[2] Stem and cable heights can be adjusted in the field. See instructions.
[3] (-TTW) Tunable White via 0-10V dimming controls. 10-14 week lead time. Consult Factory for Min. Order and Pricing.
[4] (UE-DLI) and (UE-DMX) dimming are special orders.
[5] (UE-D10) 0-10V dimming dims to 1% with (160) and (170) lumen options.

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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. 20 ga. Wire Guard included.

Mounting - Universal mounting hardware allows mounting to all standard electrical junction boxes. Weight: 12 lbs. Optional 6" to 48" Stem, 120" Pendant Cable, and J-box Mount with Adjustable Elbow assemblies are also available.

Reflector

High grade silicone 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 standard in 3000K, 3500K & 4000K, 80 CRI. Also available in optional 90 CRI and Tunable White.

Beam Spread - Also available in B40 - 40° Flood and B60 - 60° Wide Flood.

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

Electrical Components

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℃ to achieve minimum L70 life of 50,000 hours according to LM80 standard.

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: -10ºC to +80ºC. Accessible from above or below ceiling. Consult Factory for dimming options and compatible dimmers.

Dimming - (UE-D10) 0-10V dimming to 1% with (160) and (170) options. (UE-DUN) universal dimming system that works with most 3-Wire ELV, 2-Wire Incandescent and 5-Wire 0-10V fluorescent dimmers. (UE-DUN) dimming is only available with 13,000lm option. (UE-DLI) dimming to 10%.

Finishes

High quality powder coat finish for maximum durability. Available in all White (-W) or All Black (-B). Consult factory for Custom Color.

Certifications and Listings

ETL/cETL listed to UL1598 and UL8750. Suitable for wet locations (IP65). NYC approved: Calendar #41937. Assembled in USA.

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℃. Doing so will result in reduced lamp life and voided warranty.