

RECESSED
TRACK
ARCHITECTURAL
UNDER CABINET
EXIT SIGNAGE
EMERGENCY
MICRO CAST
ECOTRACK
DURALIGHT
FLEXICURVE
STEPLIGHT
SPECIALTY
EXIT SIGNS
EMERGENCY
ARCHITECTS
DESIGNERS
LOW VOLTAGE
COMPACT
FLUORESCENT
LIGHT
EMITTING
DIODE
HIGH
INTENSITY
DISCHARGE
LINE VOLTAGE
UL/ETL
ENERGY STAR
PARTNER

THE COMPLETE LIGHTING SOLUTION | AN EEMA LIGHTING GROUP COMPANY

Up to
6,000
Lumens Delivered!

LITON[®]

L I G H T I N G

WWW.LITON.COM

LED SURFACE & PENDANT MOUNT



- ▶ Specification Quality Optics
- ▶ Powerful Lumen Output
- ▶ Tightly Binned LEDs
- ▶ Controlled Beam
- ▶ High 90 CRI Option
- ▶ 30 FC Delivered from 9' - 60'

Cylinder / Pendant
mount for *Atriums,*
Cathedral ceilings, Exhibit Halls and
similar *high ceiling* applications

LCALD6
6" LUMEN CANNON LED

6" High Lumen Cylinder Cannon

VISUAL

Interior Tool

Shown for **3,000Lm** Model

Room Summary:

Length: 80ft.
Width: 40ft.
Height: 18ft.
Workplane: 2.5ft.

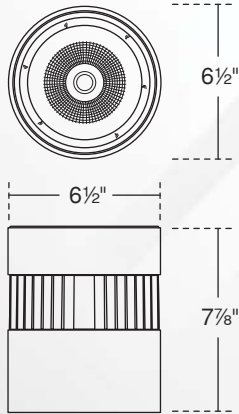
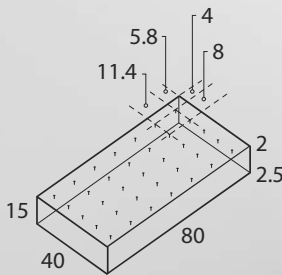
Spacing Results:

Spacing: 8.8 x 10ft.

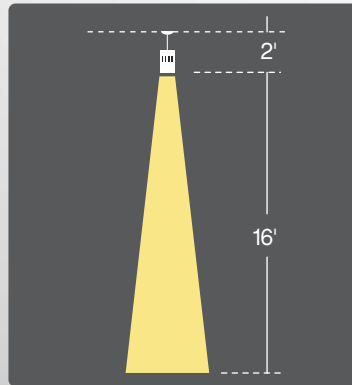
Calculation Results:

Illuminance: 30fc
Quantity: 36

more spacing
options on back



MOUNTING OPTION:
LPWM
Wall Mount Bracket



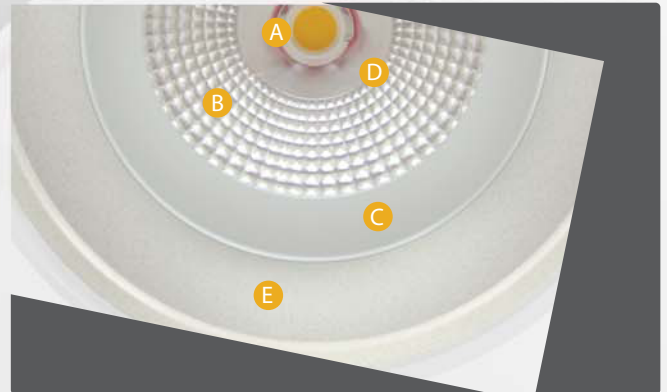
A LED is available in 6 lumen packages:
18W 1,100 Lumens, **25W** 1,500 Lumens, **28W** 2,600 Lumens, **40W** 3,700 Lumens, **50W** 4,300 Lumens and **60W** 6,000 Lumens

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

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

D **LED Lamp Life:** 50,000 Hours (L70)

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



ORDERING

LPCM: for flat ceiling
LPCMJ: for sloped ceiling
LPCMC: for cable mount

Length	Finish
12 : 12"	B : Black
18 : 18"	W : White
24 : 24"	
36 : 36"	
48 : 48"	

LPCM / LPCMJ/LPCMC
Optional Pendant Assembly
Consult Factory

DESIGNED FOR CATHEDRAL CEILINGS, ATRIUMS, LOBBIES,
EXHIBIT HALLS AND CONFERENCE VENUES

ORDERING

6" ARCHITECTURAL LED **CYLINDER** DOWNLIGHT

Example: **LCALD6B350-DLI-T27-B30**

LCALD6	Finish	Lumen Package	Dimming	LED Color	Beam Spread
	Blank : White	101 : 1,100 Lm 18W LED	Blank : Non-Dimming	Blank : 3000K	Blank : Flood
	B : All Black	151 : 1,500 Lm 25W LED	-DUN : UniDim™ Universal Dimming^	-T27 : 2700K**	B10 : Narrow Spot
		320 : 2,600 Lm 28W LED		-T27-C90 : 2700K, 90+ CRI**	B30 : Spot
		350 : 3,700 Lm 40W LED	-DMX : DMX Dimming*		
		450 : 4,300 Lm 50W LED	-DLI : DALI Dimming	-T35 : 3500K**	
		550 : 6,000 Lm 60W LED	-D10P1 : 0-10V 1% Dimming	-T40 : 4000K**	

* Factory preset to address 001

** Extended lead time may apply for quantities over 100

^ -DUN not currently available for 60W

6" LUMEN CANNON LED CYLINDER DOWNLIGHT

Versatile Spacing Options

LITON Lumen Cannon is both powerful and versatile. Listed below are suggested layouts to achieve desired FC's from 9' - 60' ceiling heights. These calculations were based on a 50' x 50' space and used the 40W LCALD6 Lumen Cannon. Other results can be obtained by varying lumen package, spacing and quantity of fixtures.

The Lumen Cannon can be surface mounted or suspended 12" to 48" from the ceiling. A slope ceiling pendant is available as an option.

FIXTURE SPACING EXAMPLES

Product	Ceiling Ht. (ft.)	O.C. Spacing (ft.)	F.C.	Min / Max Ratio
LCALD6101 1,400Lm	9'	6' x 6'	35.0	1.0 : 1
	9'	8' x 8'	19.1	2.2 : 1
	12'	6' x 6'	34.3	1.1 : 1
	15'	6' x 6'	33.5	1.1 : 1
	18'	6' x 6'	32.5	1.1 : 1
LCALD6151 2,000Lm	9'	6' x 6'	50.5	1.1 : 1
	9'	8' x 8'	27.5	1.2 : 1
	12'	8' x 8'	26.2	1.2 : 1
	15'	8' x 8'	25.0	1.4 : 1
	18'	8' x 8'	23.9	1.5 : 1
LCALD6320 3,000Lm	12'	8' x 8'	44.5	1.2 : 1
	12'	10' x 10'	29.1	1.6 : 1
	12'	12' x 12'	23.4	1.6 : 1
	15'	8' x 8'	27.9	1.2 : 1
	15'	10' x 10'	40.6	1.5 : 1
	18'	8' x 8'	26.2	1.4 : 1
	18'	10' x 10'	38.5	1.6 : 1
	21'	8' x 8'	25.0	1.5 : 1
	21'	10' x 10'	36.1	1.7 : 1
	25'	8' x 8'	23.4	1.5 : 1
	25'	10' x 10'	33.3	1.7 : 1
	30'	8' x 8'	28.2	1.8 : 1
	40'	8' x 8'	23.9	1.6 : 1
	50'	8' x 8'	23.4	1.6 : 1
LCALD6350 4,000Lm	12'	8' x 8'	66.5	1.2 : 1
	12'	10' x 10'	43.6	1.6 : 1
	15'	8' x 8'	63.7	1.3 : 1
	15'	10' x 10'	41.3	1.3 : 1
	15'	12' x 12'	28.5	1.4 : 1
	21'	8' x 8'	57.7	1.6 : 1
	21'	10' x 10'	37.5	1.5 : 1
	25'	8' x 8'	54.2	1.7 : 1
	25'	10' x 10'	35.0	1.6 : 1
	30'	8' x 8'	58.0	1.7 : 1
	30'	10' x 10'	32.0	1.8 : 1
	40'	8' x 8'	38.0	1.7 : 1
	40'	10' x 10'	27.2	1.8 : 1
	50'	8' x 8'	31.4	1.5 : 1
	50'	10' x 10'	23.0	1.6 : 1
LCALD6450 5,000Lm	12'	8' x 8'	83.9	1.2 : 1
	12'	10' x 10'	55.0	1.6 : 1
	15'	8' x 8'	80.3	1.3 : 1
	15'	10' x 10'	52.0	1.3 : 1
	15'	12' x 12'	36.0	1.4 : 1
	21'	8' x 8'	72.8	1.3 : 1
	21'	10' x 10'	74.2	1.4 : 1
	21'	12' x 12'	32.6	1.3 : 1
	30'	10' x 10'	41.6	1.6 : 1
	30'	12' x 12'	27.1	1.6 : 1
	40'	10' x 10'	35.2	1.7 : 1
	40'	12' x 12'	22.9	1.5 : 1
	50'	10' x 10'	29.1	1.6 : 1
	60'	10' x 10'	25.0	1.4 : 1

Lumen Cannon is truly a powerful weapon in your lighting arsenal.