

# LSQ5 LSQ8

5" LUMINOUS SQUARE TUBES  
8" LUMINOUS SQUARE TUBES

Luminous square tubes 12 to 96 inches tall.  
Up to 41,000 delivered lumens.  
Available RGB+W with DMX decoder.  
Downlight options up to 4,000 lumens.



Structure: Aluminum with flow through cooling system in the tube.

Standard configuration has drivers located in the canopy.

Lens: Translucent acrylic.

Certification: UL listed for damp location use.

Warranty: 5 year limited warranty.

L U M O S

Denver, Colorado [www.lumoscustom.com](http://www.lumoscustom.com)

# LSQ5

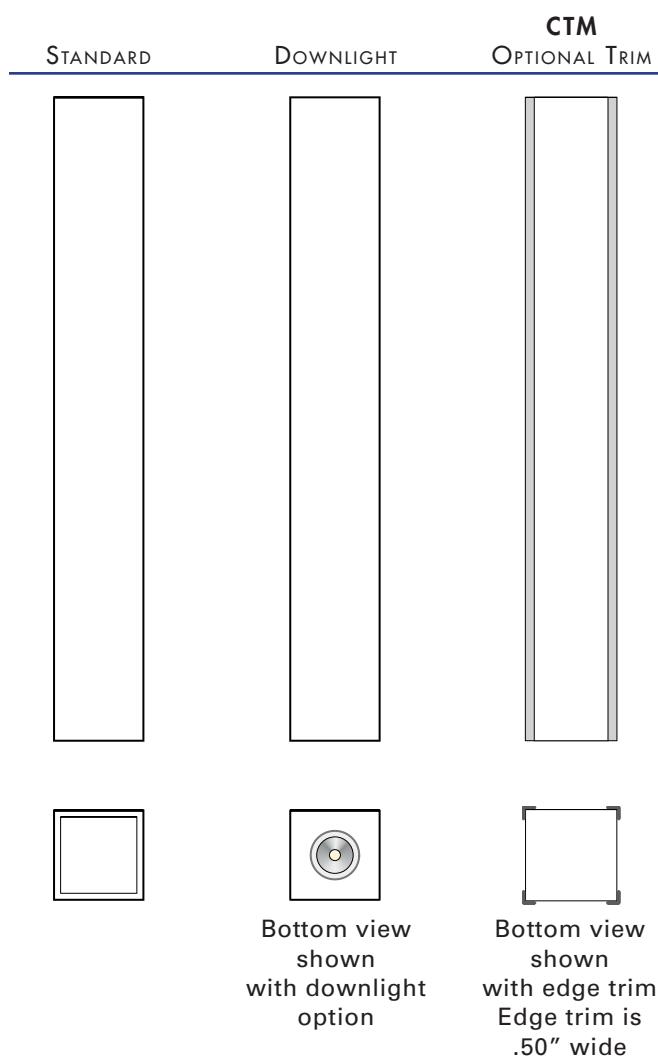
order sequence information

EXAMPLE	1	2	3	4	5	6
LSQ5-	-	3000	-	-	-	-

1	CAT NO.	DESCRIPTION	DELIVERED LUMENS
LSQ5-12	12" tube,	2,639 delivered lumens, 22 watts	
LSQ5-24	24" tube,	5,277 delivered lumens, 44 watts	
LSQ5-36	36" tube,	7,916 delivered lumens, 67 watts	
LSQ5-48	48" tube,	10,554 delivered lumens, 88 watts	
LSQ5-60	60" tube,	13,193 delivered lumens, 110 watts	
LSQ5-72	72" tube,	15,831 delivered lumens, 132 watts	
LSQ5-84	84" tube,	18,470 delivered lumens, 154 watts	
LSQ5-96	96" tube,	21,108 delivered lumens, 178 watts	

- Drivers are Class 2 constant current, 120-277 volt, and include two wire 0 -10v dimming, 1-100%.

Delivered lumen output values can be programmed to lower values than shown in 5% increments.



## 5" LUMINOUS SQUARE TUBES

PROJECT: \_\_\_\_\_ TYPE: \_\_\_\_\_

DATE: \_\_\_\_\_

1	CAT NO.	DESCRIPTION	HIGH LUMEN OUTPUT
LSQ5-12-HO	12" length,	4,222 delivered lumens, 36 watts	
LSQ5-24-HO	24" length,	8,443 delivered lumens, 71 watts	
LSQ5-36-HO	36" length,	12,665 delivered lumens, 107 watts	
LSQ5-48-HO	48" length,	16,886 delivered lumens, 142 watts	
LSQ5-60-HO	60" length,	21,108 delivered lumens, 178 watts	
LSQ5-72-HO	72" length,	25,329 delivered lumens, 213 watts	
LSQ5-84-HO	84" length,	29,551 delivered lumens, 250 watts	
LSQ5-96-HO	96" length,	33,772 delivered lumens, 284 watts	

### 2 OPTIONAL DOWNLIGHT MODULE

CAT NO. LUMEN OUTPUT

DNL-1LM	1,125 delivered lumens,	11 watts
DNL-2LM	2,032 delivered lumens,	20 watts
DNL-3LM	3,072 delivered lumens,	30 watt

#### REFLECTOR BEAM PATTERNS

CAT NO. FWHM CD/LM

S	15°	5.3	Narrow spot
M	35°	2.5	Medium spot
W	50°	1.2	Wide beam

- Downlights have separate power and dimming wiring.
- Drivers are constant current Class 2, 120-277 volt, with two wire 0 -10v dimming, 1-100%.

### 3 LED COLOR TEMP

3000 3000°K CRI >80

3500 3500°K CRI >80

4000 4000°K CRI >80

- Tunable White Contact the factory for options.

#### RGB + WHITE LED COLOR TEMP

RGB + white LED includes a DMX decoder for connecting to a DMX control system. White LED output is equal to the delivered lumens for the models with normal output LEDs.

RGB/3000 Red, green, blue and 3000°K LEDs

RGB/3500 Red, green, blue and 3500°K LEDs

RGB/4000 Red, green, blue and 4000°K LEDs

### 4 COLOR - FOR HOUSING TRIM OPTION

WHT Matte white powder coat

GRY Matte gray (RAL7035) powder coat

ASL Anodized silver powder coat

BLK Satin black powder coat

RAL Specify 4 digit RAL color number

L U M O S

Denver, Colorado www.lumoscustom.com

# LSQ8

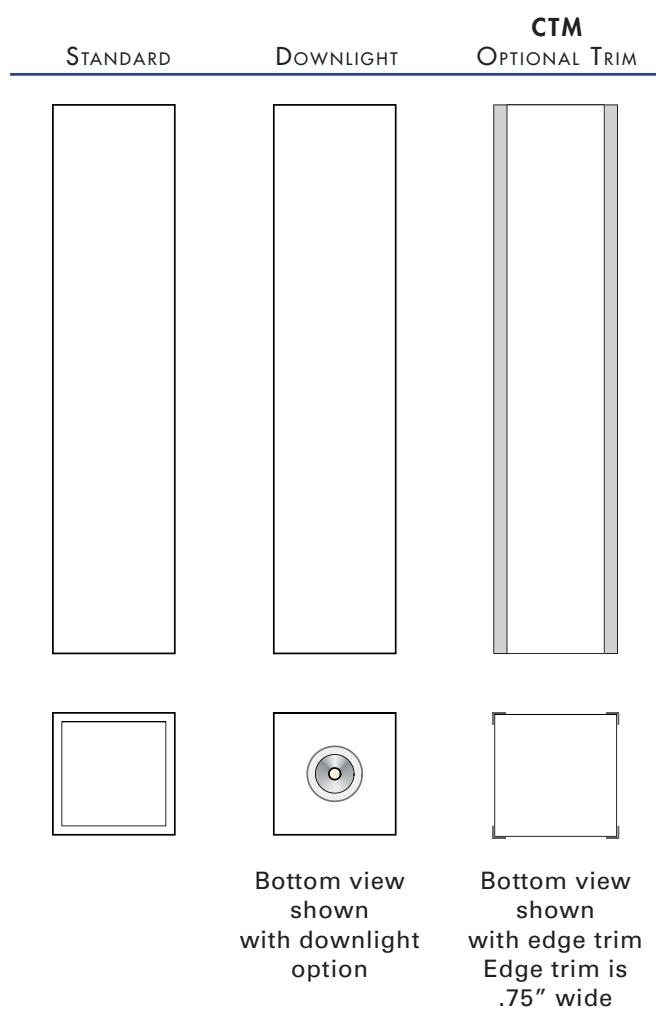
order sequence information

LSQ8-					
1	2	3	4	5	6
EXAMPLE	LSQ8-	-	4000	ASL	CTM

1	CAT NO.	DESCRIPTION	DELIVERED LUMENS
LSQ8-12	12" tube,	2,639 delivered lumens,	22 watts
LSQ8-24	24" tube,	5,277 delivered lumens,	44 watts
LSQ8-36	36" tube,	7,916 delivered lumens,	67 watts
LSQ8-48	48" tube,	10,554 delivered lumens,	88 watts
LSQ8-60	60" tube,	13,193 delivered lumens,	110 watts
LSQ8-72	72" tube,	15,831 delivered lumens,	132 watts
LSQ8-84	84" tube,	18,470 delivered lumens,	154 watts
LSQ8-96	96" tube,	21,108 delivered lumens,	178 watts

- Drivers are Class 2 constant current, 120-277 volt, and include two wire 0 -10v dimming, 1-100%.

Delivered lumen output values can be programmed to lower values than shown in 5% increments.



## 8" LUMINOUS SQUARE TUBES

PROJECT: \_\_\_\_\_ TYPE: \_\_\_\_\_

DATE: \_\_\_\_\_

1	CAT NO.	DESCRIPTION	HIGH LUMEN OUTPUT
LSQ8-12-HO	12" length,	5,145 delivered lumens,	43 watts
LSQ8-24-HO	24" length,	10,290 delivered lumens,	86 watts
LSQ8-36-HO	36" length,	15,435 delivered lumens,	129 watts
LSQ8-48-HO	48" length,	20,580 delivered lumens,	172 watts
LSQ8-60-HO	60" length,	25,725 delivered lumens,	215 watts
LSQ8-72-HO	72" length,	30,870 delivered lumens,	258 watts
LSQ8-84-HO	84" length,	36,015 delivered lumens,	301 watts
LSQ8-96-HO	96" length,	41,160 delivered lumens,	344 watts

### 2 OPTIONAL DOWNLIGHT MODULE

CAT NO.	LUMEN OUTPUT
DNL-2LM	2,032 delivered lumens, 20 watts
DNL-3LM	3,072 delivered lumens, 30 watts
DNL-4LM	4,050 delivered lumens, 39 watts

### REFLECTOR BEAM PATTERNS

CAT NO.	FWHM	CD/LM
-S	15°	5.3
-M	35°	2.5
-W	50°	1.2

- Downlights have separate power and dimming wiring.
- Drivers are constant current Class 2, 120-277 volt, with two wire 0 -10v dimming, 1-100%.

### 3 LED COLOR TEMP

3000	3000°K CRI >80
3500	3500°K CRI >80
4000	4000°K CRI >80

- Tunable White Contact the factory for options.

### RGB + WHITE LED COLOR TEMP

RGB + white LED includes a DMX decoder for connecting to a DMX control system. White LED output is equal to the delivered lumens for the models with normal output LEDs.

RGB/3000	Red, green, blue and 3000°K LEDs
RGB/3500	Red, green, blue and 3500°K LEDs
RGB/4000	Red, green, blue and 4000°K LEDs

### 4 COLOR - FOR HOUSING TRIM OPTION

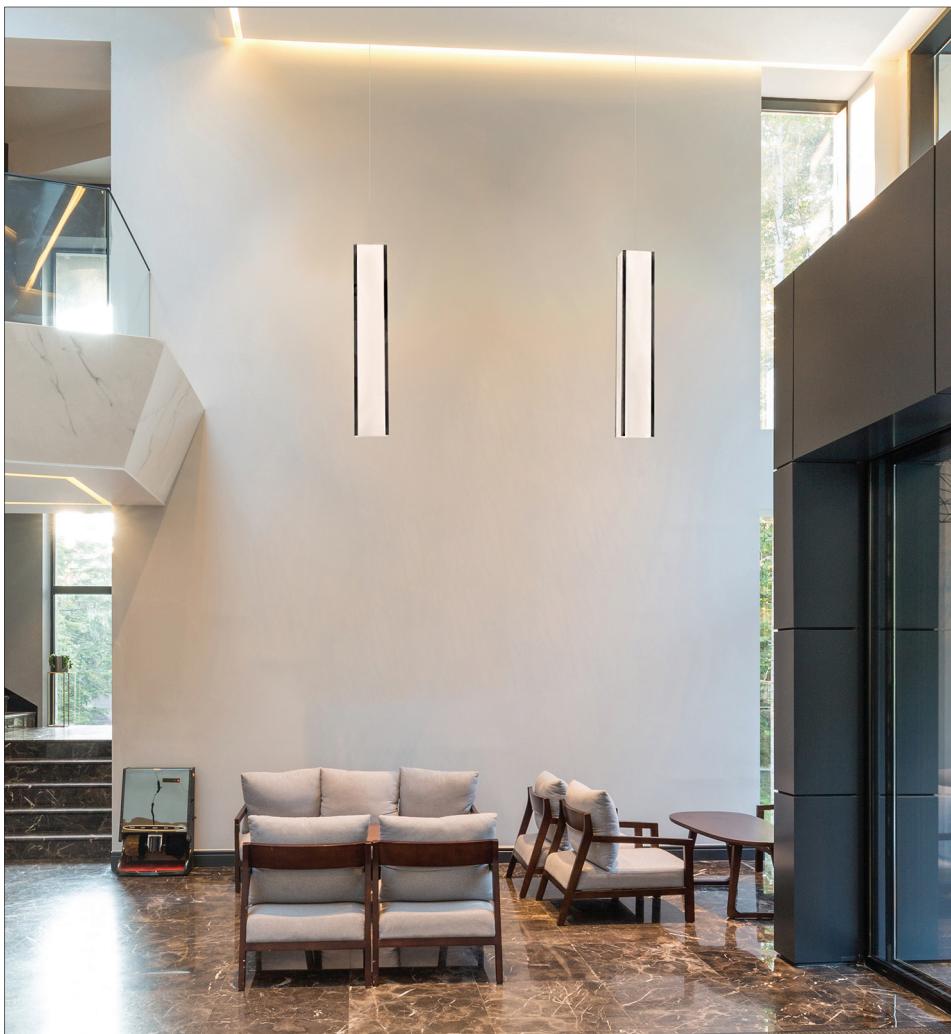
WHT	Matte white powder coat
GRY	Matte gray (RAL7035) powder coat
ASL	Anodized silver powder coat
BLK	Satin black powder coat
RAL	Specify 4 digit RAL color number

L U M O S

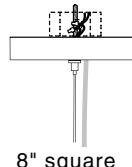
Denver, Colorado [www.lumoscustom.com](http://www.lumoscustom.com)

# LSQ5 + LSQ8

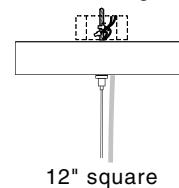
## LUMINOUS SQUARE TUBES



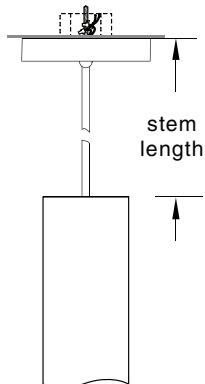
12" to 96", 12" to 48" HO  
no downlight  
12" to 72", 36" HO  
with downlight



60" to 96" HO  
no downlight  
84" to 96", 48" to 96" HO  
with downlight



- STM option uses the same canopy sizes



### 5 CONFIGURATION OPTIONS

**RMT** Remote drivers wired and mounted to a plate, enclosure by others. Canopy includes a flat canopy with a SJT cord. Standard cable length is 100". Maximum driver distance is determined by the wire size.

**BBU** Battery backup connected to one driver operates for 90 minutes. 120/277v includes test switch and LED indicator. Remote mounting by others.

**CTM** Corner trim. Trim for the 5" square is .50" wide, the 8" size has .75" wide corner trim. Specify color.

### 6 SUSPENSION OPTIONS

Standard canopy and power cord is white.

- A 18/3 cord is provided with the standard configuration for either dimming or non-dimming applications. Standard cable length is 100".

- A 18/5 cord is provided with the downlight option, for either dimming or non-dimming applications. Dimming control will require a separate dimming circuit for the cylinder LED driver(s) and the down light.

**BCC** Black canopy with black SJT cord. Standard cable length is 100".

**MBC** Clear jacketed metallic braid SJT cord with white canopy. Standard cable length is 100".

**STM-xx** 1/2" diameter white stem with 25 degree swivel. Specify stem length measured from the top of fixture to the ceiling.



Made in the USA

Denver, Colorado [www.lumoscustom.com](http://www.lumoscustom.com)

L U M O S