



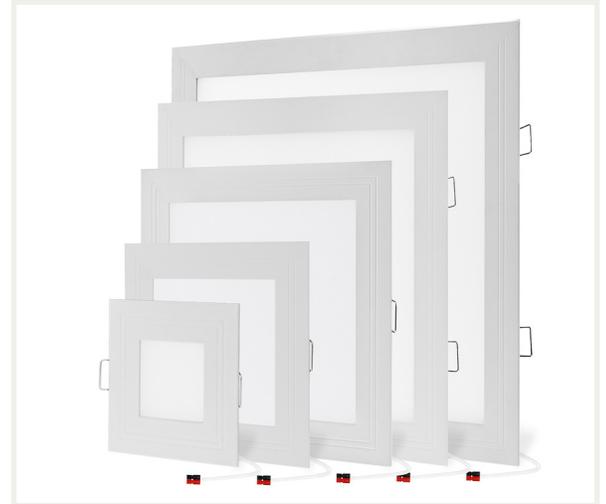
# LED DOWNLIGHTS - SQUARE



PROJECT	
TYPE	PART#

## PRODUCT FEATURES

- Plug & Play 24 Volt design for quick install and design flexibility
- Constant voltage design allows multiple lights per driver and greater energy efficiency
- Dimmable (0-10V or PWM)
- Polycarbonate diffuser will not shatter, sag or yellow
- 100% acrylic light guide panel for color stability
- Edge-lit design for ultra thin profile (5/8")
- Wide 120° beam angle for better spacing
- Lights can be located up to 50' from driver
- IP44 rating for damp or dry locations
- IC rating permits contact with insulation
- Rated for over 50,000 hours LM-70
- Flush mount only
- Install with TILT® Drivers and Wired Components



## PART NUMBER & PRODUCT GUIDE (LED DOWNLIGHTS-SQUARE)

Flush Mount Part#	Description	Color Temp	CRI	R9	Lumens	AC Watts	DC Watts	L/W-DC
LFMSS30W-0404-HE	4"LED Square Downlight	3000K	>80	>5	175	4	3	58
LFMSS35W-0404-HE	4"LED Square Downlight	3500K	>80	>5	200	4	3	66
LFMSS40W-0404-HE	4"LED Square Downlight	4000K	>80	>5	225	4	3	75
LFMSS50W-0404-HE	4"LED Square Downlight	5000K	>80	>5	250	4	3	83
LFMSS30W-0404-CQ*	4"LED Square Downlight	3000K	>90	>50	150	4	3	50
LFMSS35W-0404-CQ*	4"LED Square Downlight	3500K	>90	>50	175	4	3	58
LFMSS40W-0404-CQ*	4"LED Square Downlight	4000K	>90	>50	200	4	3	66
LFMSS50W-0404-CQ*	4"LED Square Downlight	5000K	>90	>50	225	4	3	75
LFMSS30W-0606-HE	6"LED Square Downlight	3000K	>80	>5	590	7	6	98
LFMSS35W-0606-HE	6"LED Square Downlight	3500K	>80	>5	625	7	6	104
LFMSS40W-0606-HE	6"LED Square Downlight	4000K	>80	>5	650	7	6	108
LFMSS50W-0606-HE	6"LED Square Downlight	5000K	>80	>5	700	7	6	116
LFMSS30W-0606-CQ*	6"LED Square Downlight	3000K	>90	>50	500	7	6	83
LFMSS35W-0606-CQ*	6"LED Square Downlight	3500K	>90	>50	525	7	6	87
LFMSS40W-0606-CQ*	6"LED Square Downlight	4000K	>90	>50	550	7	6	92
LFMSS50W-0606-CQ*	6"LED Square Downlight	5000K	>90	>50	575	7	6	95

## PART NUMBER & PRODUCT GUIDE (LED DOWNLIGHTS-SQUARE)

Flush Mount Part#	Description	Color Temp	CRI	R9	Lumens	AC Watts	DC Watts	L/W-DC
LFMSS30W-0808-HE	8"LED Square Downlight	3000K	>80	>5	900	10	8	113
LFMSS35W-0808-HE	8"LED Square Downlight	3500K	>80	>5	925	10	8	116
LFMSS40W-0808-HE	8"LED Square Downlight	4000K	>80	>5	950	10	8	118
LFMSS50W-0808-HE	8"LED Square Downlight	5000K	>80	>5	1000	10	8	125
LFMSS30W-0808-CQ*	8"LED Square Downlight	3000K	>90	>50	700	10	8	88
LFMSS35W-0808-CQ*	8"LED Square Downlight	3500K	>90	>50	750	10	8	94
LFMSS40W-0808-CQ*	8"LED Square Downlight	4000K	>90	>50	775	10	8	97
LFMSS50W-0808-CQ*	8"LED Square Downlight	5000K	>90	>50	800	10	8	100
LFMSS30W-1010-HE	10"LED Square Downlight	3000K	>80	>5	1200	13	11	109
LFMSS35W-1010-HE	10"LED Square Downlight	3500K	>80	>5	1300	13	11	118
LFMSS40W-1010-HE	10"LED Square Downlight	4000K	>80	>5	1400	13	11	127
LFMSS50W-1010-HE	10"LED Square Downlight	5000K	>80	>5	1450	13	11	131
LFMSS30W-1010-CQ*	10"LED Square Downlight	3000K	>90	>50	1050	13	11	96
LFMSS35W-1010-CQ*	10"LED Square Downlight	3500K	>90	>50	1100	13	11	100
LFMSS40W-1010-CQ*	10"LED Square Downlight	4000K	>90	>50	1150	13	11	104
LFMSS50W-1010-CQ*	10"LED Square Downlight	5000K	>90	>50	1200	13	11	110
LFMSS30W-1212-HE	12"LED Square Downlight	3000K	>80	>5	1750	17	15	117
LFMSS35W-1212-HE	12"LED Square Downlight	3500K	>80	>5	1800	17	15	120
LFMSS40W-1212-HE	12"LED Square Downlight	4000K	>80	>5	1850	17	15	123
LFMSS50W-1212-HE	12"LED Square Downlight	5000K	>80	>5	1900	17	15	126
LFMSS30W-1212-CQ*	12"LED Square Downlight	3000K	>90	>50	1450	17	15	97
LFMSS35W-1212-CQ*	12"LED Square Downlight	3500K	>90	>50	1500	17	15	100
LFMSS40W-1212-CQ*	12"LED Square Downlight	4000K	>90	>50	1550	17	15	103
LFMSS50W-1212-CQ*	12"LED Square Downlight	5000K	>90	>50	1600	17	15	106

• HE Model is designed to provide a balance of light quality and energy efficiency.

• CQ Model is designed to provide high color rendering with a more complete spectral distribution.

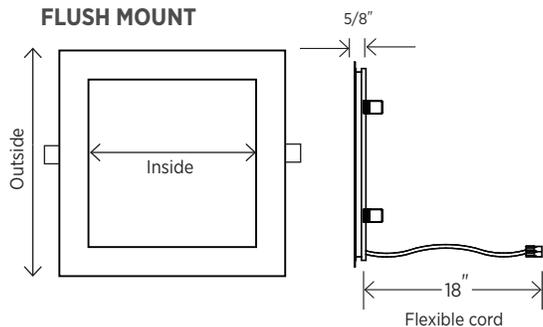
\* CQ Model orders may have minimum order quantity required and additional lead time. Contact Lauren Illumination for details.

## DRIVER SPECIFICATIONS

Part #	Size (WxLxD)	AC Input	DC Output	Working Temp	Max Lights/ Driver (HE Model*)				
					4"	6"	8"	10"	12"
LD16	3.0" x 12.0" x 1.5"	90 - 305V	24V / 16W	-35-70C	5	2	2	1	1
LD25	3.0" x 12.0" x 1.5"	90 - 305V	24V / 25W	-35-70C	8	4	3	2	1
LD40	3.0" x 12.0" x 1.5"	90 - 305V	24V / 40W	-40-70C	13	6	5	3	2
LD60	3.0" x 12.0" x 1.5"	90 - 305V	24V / 60W	-40-70C	20	10	7	5	4
LD90	3.0" x 12.0" x 1.5"	90 - 305V	24V / 90W	-40-70C	30	15	11	8	6
LD100P	2.6" x 14.0" x 1.6"	90 - 305V	24V / 100W	-40-60C	32	15	12	8	6

\*CQ Model may vary from HE Model. Contact Lauren Illumination.

DIMENSIONAL DATA



Product	Inside		Outside		Depth	Cut Out	Weight (lbs)
	L	W	L	W			
4"	2"	2"	4"	4"	5/8"	3 1/2" x 3 1/2"	.45
6"	4"	4"	6"	6"	5/8"	5 1/2" x 5 1/2"	.75
8"	6"	6"	8"	8"	5/8"	7 1/2" x 7 1/2"	1.20
10"	8"	8"	10"	10"	5/8"	9 1/2" x 9 1/2"	1.75
12"	10"	10"	12"	12"	5/8"	11 1/2" x 11 1/2"	2.85

PHOTOMETRIC DATA

