

DOWNLIGHTS (RECESSED) ROUND

FEATURES

CONSTRUCTION

- Insulation contact (IC) rated
- Rated for wet locations
- CE and cULus Rated
- RoHS compliant
- 100% Acrylic LGP (for long-term color stability)
- Polycarbonate diffuser
- 5 year warranty (standard)

ELECTRICAL

- Dimmable (via driver or using PWM) ⁽¹⁾
- Constant voltage design allows for multiple lights per driver
- LM-80 and LM-79 available
- Downlights can be placed within 50 feet of driver
- Long life over 50,000 hours, L₇₀

Project Name	
Date	
Type	

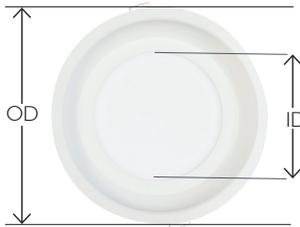


Part Numbers: (lights, options)	

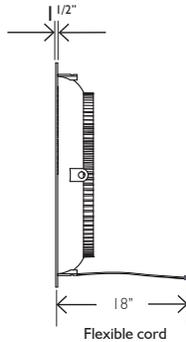
PRODUCT SIZE AND ENERGY USAGE ⁽²⁾

Product Size	Depth	OD	ID	Cut Out	CQ and HE	
					WDC	WAC
8"	1 1/2"	8 5/8"	5 1/8"	8	11.5	13

DOWNLIGHT - ROUND



See chart for Cut Out size



LRLCV 8 30 W - CQ

Style	Size	CCT Options	*Frame Color	Model
LRLCV - Round Recessed Downlight Constant Voltage	8 - 8"	30 - 3000K	W - White	CQ - Color Quality: CRI >90, R9 >50
		35 - 3500K	B - Black ⁽³⁾	
		40 - 4000K	S - Silver ⁽³⁾	
		50 - 5000K		

Use With

DRIVERS	
LD16	LD60
LD25	LD90
LD40	LD100P

*NOTE: Custom colors or custom sizes may result in additional cost and/or lead times.

CQ LUMEN CHART

The TILT CQ line is designed to provide high color rendering with a more complete spectral distribution

HE LUMEN CHART

The TILT HE line is designed to provide a balance of light quality and energy efficiency.

CQ - COLOR QUALITY MODEL			HE - HIGH EFFICIENCY MODEL		
CRI >90, R9 >50			CRI >80, R9 >5		
CCT	8"		CCT	8"	
5000K	Lumens	1050	5000K	Lumens	1300
	L/W	90		L/W	90
4000K	Lumens	1000	4000K	Lumens	1200
	L/W	88		L/W	90
3500K	Lumens	975	3500K	Lumens	1100
	L/W	85		L/W	91
3000K	Lumens	900	3000K	Lumens	1000
	L/W	80		L/W	91



DRIVER SPECIFICATIONS

Class 2, SELV, UL8750, short circuit, over voltage, over current and over temperature protection. CE rated, RoHS compliant and plenum rated (UL 2043). NOTE: Drivers are available in an Emergency version: battery back-up - 90mins at 7W output. See our LDPE7 data sheet for details.

Model	Size in Inches (LxWxH)	AC Input	Output (VDC/W)	Dimmable ⁽¹⁾	Working Temp	8"
LD16	3.0"W x 12.0"L x 1.5"D	90 - 305V	24 / 16W	Yes	-35~70C	1
LD25	3.0"W x 12.0"L x 1.5"D	90 - 305V	24 / 25W		-35~70C	2
LD40	3.0"W x 12.0"L x 1.5"D	90 - 305V	24V / 40W		-40~70C	3
LD60	3.0"W x 12.0"L x 1.5"D	90 - 305V	24V / 60W		-40~70C	5
LD90	3.0"W x 12.0"L x 1.5"D	90 - 305V	24V / 90W		-40~70C	7
LD100P	2.6"W x 14.0"L x 1.6"D	90 - 305V	24V / 100W		-40C - 60C	8

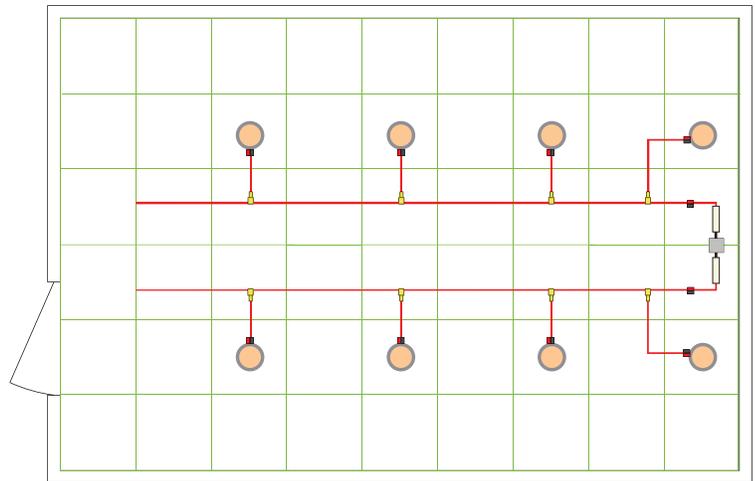
SAMPLE LAYOUT

Between 150 sq ft and 300 sq ft. centralized drivers (2'x4' panel) and multi-drive branch circuit (6" downlights).

SPECIFICATIONS

Foot Candles
(?)
Wattage
99.2

Parts List
8 PCS - LRLCV8
2 PCS - LD60
100W
2 PCS - DL20
6 PCS - SW24



PHOTOMETRICS

Photometric charts with testing data.

LRLCV440W-HE		ZONAL LUMEN SUMMARY		8"
PHOTOMETRY		DEGREES	%	
	0-30	28	273	
	0-40	46	449	
	0-60	80	780	
	0-90	100	975	
	90-180	0	0	
	0-180	100	975	

Call for specific information not listed here: 855.440.8458



NOTES (NUMBERS)

- (1) See driver or dimming product sheet for specific details
- (2) AC W used for circuit power, DC W used for driver circuit
- (3) Frame colors other than white are custom