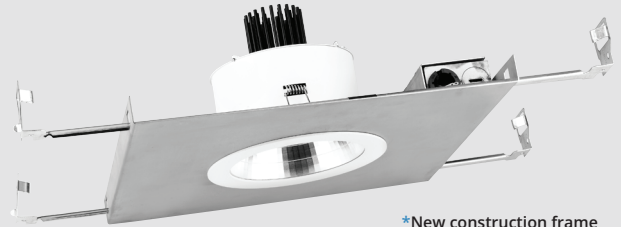


Catalog #	Type
Project	
Notes	Date
Prepared by	



\*New construction frame sold separately

# 2" LED/C-Class

LED 2" Open Downlight, non-IC, 700-1300 Lumens



## Description

### LED Array

LED downlighting is available in 700 and 1300 lumens. A wide selection of optical assemblies allow distribution patterns to be tailored to fit a variety of applications. Standard 0-10V to 10% dimming driver with optional dimming drivers with the ability to interface with 0-10V or Triac lighting control systems to provide additional light level control.

## Specifications and Features

### Benefits

- Light engine with three step MacAdam Ellipse binning for excellent color consistency.
- Standard 80 CRI (minimum) with optional 95 CRI (minimum) for color critical applications.
- Highly energy efficient lighting solution with up to 100 lumens per watt.
- Driver housed within approved splice compartment and is thermally protected.
- All drivers include integrated surge protection.
- Standard 0-10V to 10% dimming driver, Optional 0-10V to 1% driver.
- Optional Triac dimming driver with dimming to 20% of lumen output
- Long Life. Minimum L<sub>70</sub> of 50,000 hours.
- 5 year warranty on LED module and driver.

### Housing

Polyester powder coat painted heavy gauge cold roll steel housing with integrated flange and stainless steel spring torsion retaining ears. Luminaire is pre-wired and grounded to driver housing/junction box with easy access from below. Driver/junction box is listed for through branch circuit wiring. Integrated forged aluminum heat sink promotes rapid heat dissipation, extending LED life.

Optional New Construction Frame Advanced Quick Connect provides positive location for ease of installation in a variety of ceiling materials. Includes integrated bar hangers which feature rigid form cross sections and include joist position tabs, integral nails, auxiliary nail holes, T-Bar slots and holes for locking to grid using self-tapping screws (by others).

Non-IC construction. Insulation must be kept 3" away from luminaire.

### Listings

Manufactured and Listed to UL 1598, ETL and CSA standards. Non-IC rated. Insulation to be kept 3" from luminaire. Suitable for Damp Locations; Wet location under covered ceiling. All photometric tests performed by an accredited NVLP facility and in accordance to IESNA LM-79-2008 testing procedures.

### Warranty

5-year warranty on LED module, driver, housing and reflectors.

## Ordering Information

EXAMPLE: A2VOCLED1-0727K-C200-SCG-NW-WHT-EM

Series/Source	Voltage	Lumens	Kelvin	Reflector	Finish	Distribution	Flange Color	Frame	Options
<b>A2VOCLED</b> 2" round, C-Class, Open	<b>1 - 120 Volts</b> <b>2 - 277 Volts</b> 3 - 347 Volts <sup>3</sup>	<b>-07 - 700</b> <b>-13 - 1300</b>	<b>27K - 2700K</b> <b>30K - 3000K</b> <b>35K - 3500K</b> <b>40K - 4000K</b>	<b>C200</b> <i>*Semi-specular or matte white painted reflector with deeply regressed, frosted polycarbonate lens</i>	<b>SGC</b> <b>WHT*</b> <i>Available with Flood distribution only</i> <i>Reflector standard finish semi-specular clear</i> <i>*Flood distribution is matte white finish only</i>	<b>NW</b> <b>MD</b> <b>WE</b> <b>FL</b> <i>*Beam angle is 50% of Center Beam Candle Power</i>	<b>WHT</b> <i>White</i> <b>BLK</b> <i>Black</i>	<b>NCFAQ</b> <i>New Construction Frame w/ Advanced QuickConnect</i> <b>RMDL</b> <i>Remodeler</i>	<b>EM</b> <b>HCR</b> <b>TDM</b> <b>ZDM</b>

Options in purple qualify for the Velocity Same Day program up to 100 pieces (up to 30 in EM). Refer to Velocity Guide for complete details.

### Notes

- <sup>3</sup>Step-down Transformer
- ▲ Consultate Page OP-1 for additional housing and trim options.
- ▲ Consultate Page LED-DD for decorative trim options.

### Reflector Finish Options

- SGC - Soft Glow Clear**
- WHT - White Painted

All trims supplied standard with white painted flange.

### Distribution

- NW - Narrow 16°**
- MD - Medium 26°**
- WE - Wide 39°**
- FL - Flood 90°**

### Frame

- NCFAQ - New Construction Frame w/ Advanced QuickConnect**
- RMDL - Remodeler**

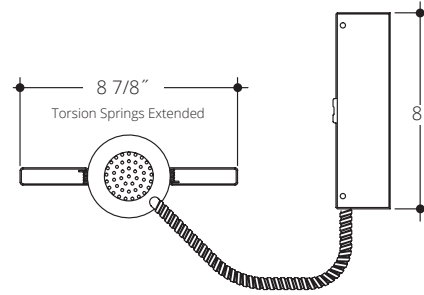
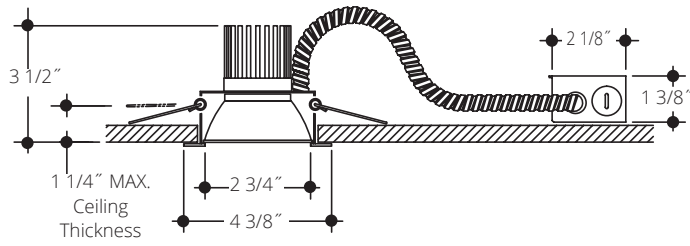
### Options

- EM - Emergency Battery**
- HCR - 95 CRI (minimum)
- TDM - Triac Dimming Driver
- ZDM - 0-10V Dimming to 1%

Vantage reserves the right to change components, finishes or design details in any manner which does not alter the installed appearance or reduce performance and intended function.

# Dimensional Data: LED 2" Open Downlight, non-IC, 700-1300 Lumens

Ceiling Cut Out 3 1/2"



\*New construction frame sold separately

## Lumens

Lumens	Wattage*
700-3k	7.7
700-4k	7
1300-3k	14.4
1300-4k	13.5

\*Actual Wattage/Lumens may vary.

## Photometrics - Medium

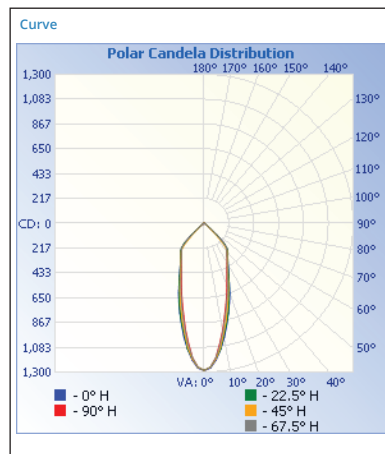
Test Number  
102182053CRT-014

Model  
A2VOCLED1-0730K-MD

Lumens  
82.4

Efficacy  
82.39

SC  
0.977



Cone of Light

	Center Beam fc	Beam Width	
1.7	445	1.3	1.1
3.3	118	2.4	2.1
5.0	51.4	3.7	3.2
6.7	20.6	4.9	4.3
8.3	18.7	6.1	5.3
10.0	12.9	7.4	6.4

Candela Table

Degrees Vertical	Candela
0.0	1285
0.5	1198
10.0	1011
15.0	816
20.0	649
25.0	506
30.0	415
35.0	355
40.0	313
45.0	238
50.0	75
55.5	25
60.0	12
65.0	6
70.0	2
75.0	0
80.0	0
85.0	0
90.0	0

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	550.7	57.8
0-40	773.0	81.1
0-60	948.7	99.5
60-90	4.6	0.5
0-90	953.3	100.0
90-180	0.0	0.0
0-180	953.3	100.0