

Part #	Prepared By
Project	Notes
Type	
Date	



## 6" Round Downlight New Construction

Open, IC Rated LED Downlight, 750-1500 Lumens



### Description

These New Construction downlights are engineered for performance and efficiency in value. Designed to provide features and options to meet the requirements of downlighting in most projects. The open spun reflector provides medium distribution and distinct cutoff. Standard 0-10V 10% driver. IC rated for direct contact with insulation. Optional Fire rated to either one hour or two hour protection.

### Features and Construction

#### ELECTRICAL SYSTEM

- 750 - 1500 lumens
- 2700K - 5000K CCT
- 80 CRI with 3 SDCM color consistency (+90 CRI optional)
- Standard 0-10V 10% dimming driver; optional drivers available
- 120V - 277V
- Minimum 50,000 hour lifetime at L70
- -20°C to 30°C Ambient Operating Temperature Range

#### OPTICS

- Precision spun reflector
- Reflectors available in Alzak® and painted finishes
- Distribution is free of streaks, striations and hotspots
- Medium distribution
- 45° Cutoff

#### FRAME & MOUNTING

- Adjustable mounting ears and junction box
- Mounting ears accept standard hanger bars 14" - 24" (incl.)
- Mounting ears designed to accept C Channel or Flat bar stock mounting.
- Galvanized steel frame with integrated junction box

### Listings

- ETL certified to UL 1598 and UL8750 requirements
- Tested according to LM-79 and LM-80 standards
- Suitable for damp locations; Wet location under covered ceiling
- Buy American Act

### Warranty & Notes

- 5-year limited warranty on LED module and driver
- [www.vantageltg.com/product-warranty](http://www.vantageltg.com/product-warranty)
- Photometric tests performed by an accredited NVLP facility and in accordance to IESNA LM-79-2008 testing procedures
- Insulation can be in direct contact with luminaire


### Lumens

Nominal Lumens	Delivered Lumens	Wattage	Lumens Per Watt
750	720	9.4	76.6
1100	1057	15.4	68.6
1500	1441	21.6	66.7

All measured at 3500K with a standard medium distribution  
\*Actual Wattage/Lumens may vary.

### Ordering Information

EXAMPLE: VEDIC60CR-0735K-F4060-SGC-HCR -

		-			-		
Series	Voltage	Lumens	Kelvin (CCT)	Reflector	Reflector Finish	Options*	
<div>VEDIC60CR</div> <div></div> <div>Options in purple qualify for the Velocity Quick Ship Program up to 100 pieces (up to 30 in EM). Refer to Velocity Guide for complete details.</div>	<div>U - 120V-277V*</div> <div>*Universal Voltage</div> <div> </div> <div>**Must specify voltage when standard SDM 10% is selected. TDM (triac) is 120V only.</div>	<div>07 - 750</div> <div>11 - 1100</div> <div>15 - 1500</div>	<div>27K - 2700K</div> <div>30K - 3000K</div> <div>35K - 3500K</div> <div>40K - 4000K</div> <div>50K - 5000K</div>	<div>V6060</div> <div>Medium 60° Open Reflector</div> <div> </div> <div>V6019</div> <div>Non-Conductive Shower Trim</div>	<div>WHT</div> <div>White Matte</div> <div> </div> <div>SGC</div> <div>Soft Glow Clear</div> <div> </div> <div>*All trims supplied standard with white painted flange.</div>	<div>SDM</div> <div>ZDM</div> <div>TDM</div> <div>HCR</div> <div>PF</div> <div>REM</div> <div>FR1</div> <div>FR2</div>	

#### \*Options Notes

SDM - 0-10V 10% dimming driver (Universal Voltage).  
ZDM - 0-10V 1% dimming driver (Universal Voltage).  
TDM - Triac (Forward Phase, 120V only) dimming driver.  
HCR - High CRI, 90+ minimum. Not available in 5000 Kelvin.  
PF - Polished Flange  
REM - Emergency battery back-up. Remote test button & indicator light.  
FRx - Fire rated for either (1) hour or (2) hour protection



**WHT**  
White Matte



**SGC**  
Soft Glow Clear

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.

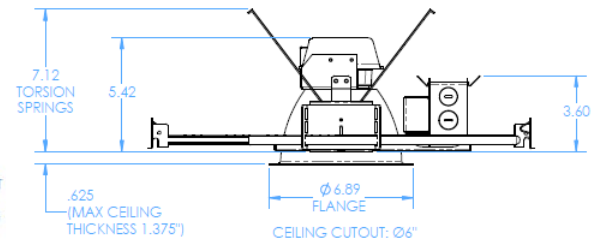
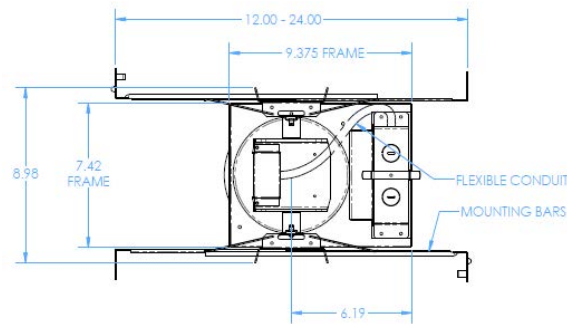
# 6" Round Downlight New Construction

Open, LED Downlight, 750-1500 Lumens - Shallow Housing

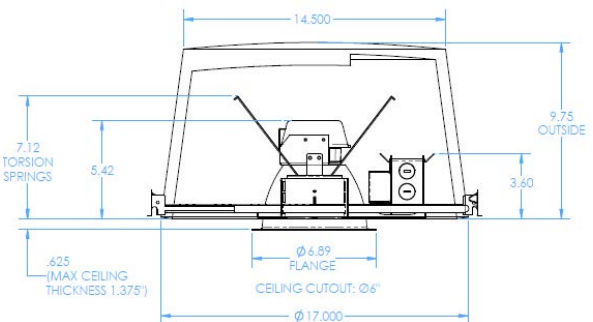
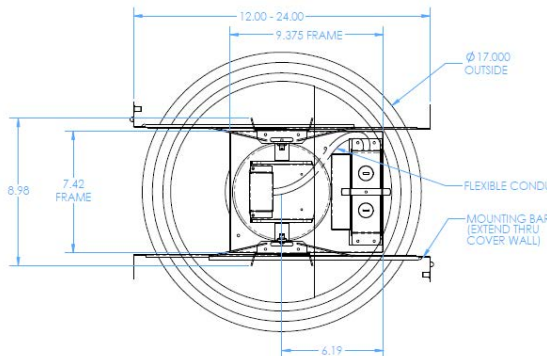
VED SERIES

## Dimensional Data

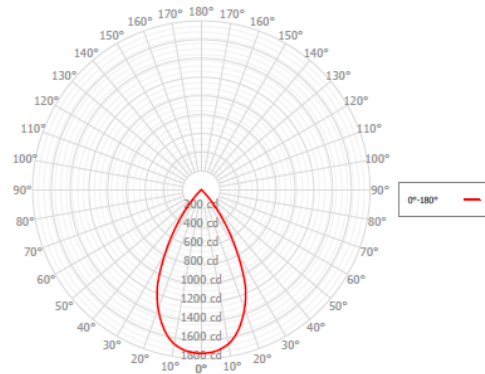
### New Construction



### Optional Fire Rated



## Candela Polar Plot



## IES Header Data

TEST	Lumen Scaled from LII-17113-7
TESTLAB	LightLab International (www.LightLabInt.com)
TESTDATE	
ISSUEDATE	1/2/2024
MANUFAC	Vantage Lighting
LUMCAT	VEDIC60CRU-1535K
LUMINAIRE	LED VED IC Rated Open 6" Round
LAMPCAT	LED
LAMP	1500, 35K

## Average Luminaire Luminance [cd/m²]

	0.00°	45.00°	90.00°
0.00°	95486	95486	95486
45.00°	4422	4422	4422
55.00°	1138	1138	1138
65.00°	680	680	680
75.00°	477	477	477
85.00°	327	327	327

## Zonal Lumen Summary

Zone	Lumens	% Fixture
0.00° - 10.00°	163.01	11.31%
10.00° - 20.00°	427.84	29.69%
20.00° - 30.00°	491.02	34.08%
30.00° - 40.00°	282.61	19.61%
40.00° - 50.00°	56.99	3.96%
50.00° - 60.00°	10.99	0.76%
60.00° - 70.00°	5.30	0.37%
70.00° - 80.00°	2.43	0.17%
80.00° - 90.00°	0.61	0.04%
90.00° - 100.00°	0.00	0.00%
100.00° - 110.00°	0.00	0.00%
110.00° - 120.00°	0.00	0.00%
120.00° - 130.00°	0.00	0.00%
130.00° - 140.00°	0.00	0.00%
140.00° - 150.00°	0.00	0.00%
150.00° - 160.00°	0.00	0.00%
160.00° - 170.00°	0.00	0.00%
170.00° - 180.00°	0.00	0.00%
0.00° - 90.00°	1440.81	100.00%
90.00° - 180.00°	0.00	0.00%
0.00° - 180.00°	1440.81	100.00%

## Spacing Criterion

Two luminaires, plane 0°	0.89
Two luminaires, plane 90°	0.89
Four luminaires	0.85

## Full Beam Angle

0° - 180°	56.61°
90° - 270°	56.61°

## Input

Number of Lamps	1
Luminous flux per Lamp	N/A lm
Input Watts	21.6 W

## Photometry Information

Distribution	Direct
Photometry Type	C

## Luminous Dimensions

0° - 180° Size	-0.5 ft
90° - 270° Size	-0.5 ft
Height	0 ft

## MULTIPLIER

CRI	Multiplier	Kelvin	Multiplier	Reflector Finish	Multiplier
80	1	2700K	0.939	WHT	0.87
90	0.81	3000K	0.975	SGC	0.95
		3500K	1		
		4000K	1.035		
		5000K	1.098		

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