

Part #	Prepared By
Project	Notes
Type	
Date	

6" Round, F-Class Gen V

Open Wide, LED Downlight, 6000-7000



Features & Specifications

ELECTRICAL SYSTEM

- 6000 - 7000 lumens
- 2700K - 5000K CCT
- 80 CRI with 3 SDCM color consistency (+90 CRI optional)
- Standard 0-10V 1% dimming driver, ZDM; optional drivers available
- 120V - 277V Universal Input Volts, 347V option
- Minimum 50,000 hour lifetime at L70
- -20°C to 30°C Ambient Operating Temperature Range

OPTICS

- Precision spun architectural-grade reflector
- Reflectors available in Alzak® and painted finishes
- Distribution is free of streaks, striations and hotspots
- 80° Wide distribution
- 45° Cutoff

FRAME & MOUNTING

- Galvanized steel frame with integrated junction box featuring hinged access covers with spring retaining latches
- Vertically adjustable rigid formed mounting brackets that accept a variety of mounting bars with auxiliary nail holes and T-bar slots
- T-Bars included, suitable for joist spacing from 12" to 24"
- Supports straight conduit runs - (3) 3/4" knockouts
- Through branch wiring - (8) #12 AWG (4 in, 4 out), 90°C conductors
- Accessibility to all LED components from below ceiling
- Flush to the ceiling reflectors, secured by high quality friction clips

Listings

- ETL certified to UL 1598 and UL8750 requirements
- Tested according to LM-79 and LM-80 standards
- Energy Star® certified versions available (see Vantage Energy Star® guide for details)
- Suitable for damp locations under covered ceiling
- Buy American Act (BAA)

Warranty & Notes

- 5-year limited warranty on LED module and driver
- www.vantageltg.com/product-warranty
- Photometric tests performed by an accredited NVLP facility and in accordance to IESNA LM-79-2008 testing procedures
- Insulation must be kept 3" away from luminaire

Lumens*

Nominal Lumens	Delivered Lumens	Wattage	Lumens Per Watt
6000	4339	56.78	76.42
7000	5062	85.3	59.34

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

Ordering Information

EXAMPLE: A6VWOFLEDU-1130K-W6060-SGC-ZDM

A6VWOFLED		-		-		-	W6060	-		-	
Series	Voltage		Lumens		Kelvin (CCT)		Reflector		Finishes		Options**
A6VWOFLED	U - 120V-277V 1 - 120V 2 - 277V 3 - 347V (347V Step Down Transformer) *Must provide voltage when optional drivers are selected.		60 - 6000 70 - 7000 For Lower Lumen Packages See A6VOFLEDES Wide Extreme Shallow		27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K 50K - 5000K		W6060 Wide 80° Open Reflector		SCL Specular Clear SGC Soft Glow Clear WHT White Matte *All trims supplied standard with white painted flange.		ZDM (standard) DTDHL DMX DCA DMMHO HCR PF EM20 EM-CW-LED GR-6-"xx" GTD SENS DYOC BRGESEN

**Options Notes

ZDM - 0-10V 1% dimming driver (standard)
 DTDHL - 0-10V 0.1% dimming driver.
 DMX - DMX with RDM dimming driver, requires DCA
 DCA - Daisy Chain Adaptor
 DMMHO - Dali Driver
 HCR - High CRI, 90+ minimum. (Not available in 5000 Kelvin)
 PF - Polished Flange
 EM20 - Battery Backup W/remote Test Button & Indicator Light (for Greater Than 5000 Lumen Luminaires)
 EM-CW-LED - Cold Weather Rated Emergency Driver
 GR-6-"xx" - 6" Goof Ring (inner Dimension - Specify outer dimension in place of "xx")
 GTD - Generator Transfer Device
 SENS DYOC - Daylight/occupancy Sensor - remote mount
 BRGESEN - Bridge up to 400 Watts for Sesndyoc

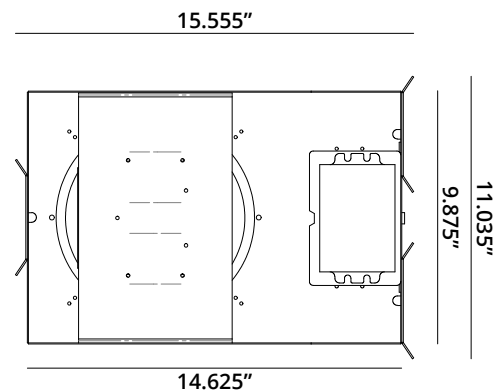
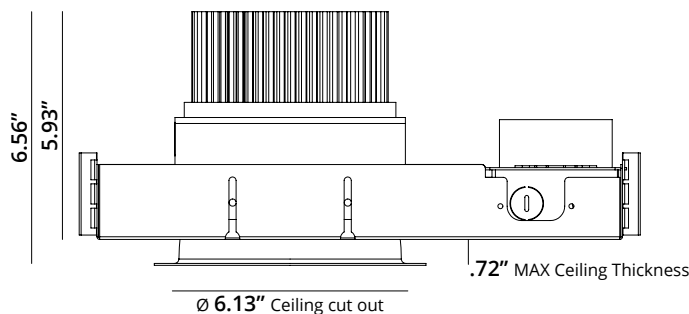
6" Round, F-Class Gen V

Open Wide, LED Downlight, 6000-7000

Dimensional Data

Above Ceiling Height
with 5/8" Ceiling
5.93" 6000L & 7000L

Above Ceiling Height
Max Ceiling Thickness
1.25" - 5.45"
Min Ceiling Thickness
0.25" - 6.50"



Reflector Finishes



WHT
White Matte



SGC
Soft Glow Clear



SCL
Specular Clear

Photometry

W6060-SCL - 80° Wide Distribution

Model
A6VWFLEDU-2035-W6060-SCL

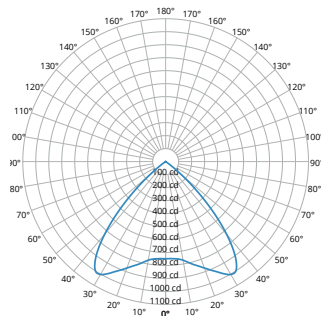
Lumens
1,687

Watts
27.2

Efficacy
62.02

SC
1.61

Candela Curve



Cone of Light

Mounting Height AFF	FC at Center on Floor	Beam Diameter
8.0 ' 1	12 fc	15.4 ' 1
10.0 ' 1	7 fc	19.3 ' 1
12.0 ' 1	5 fc	23.1 ' 1
14.0 ' 1	4 fc	27.0 ' 1
16.0 ' 1	3 fc	30.8 ' 1
20.0 ' 1	2 fc	38.5 ' 1
24.0 ' 1	1 fc	46.2 ' 1
30.0 ' 1	1 fc	57.8 ' 1

Candela Table

	0.00°
0.00°	748
5.00°	751
10.00°	771
15.00°	820
20.00°	872
30.00°	1,003
40.00°	730
50.00°	168
60.00°	4
70.00°	0
80.00°	0
90.00°	0

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0° - 30°	739	44%
0° - 40°	1,310	78%
0° - 60°	1,685	100%
60° - 90°	2	0%
0° - 20°	305	18%
20° - 50°	1,339	79%
50° - 70°	43	3%
70° - 90°	0	0%
0° - 90°	1,687	100%
90° - 180°	0	0%
Total	1,687	100%

Spacing Criterion

Height	Spacing	Light Level*
8 ft	12.9 ft	~ 12 fc
10 ft	16.1 ft	~ 7 fc
12 ft	19.3 ft	~ 5 fc
8 ft	9.7 ft	~ 21 fc
10 ft	12.1 ft	~ 13 fc
12 ft	14.5 ft	~ 9 fc
8 ft	6.4 ft	~ 47 fc
10 ft	8.1 ft	~ 30 fc
12 ft	9.7 ft	~ 21 fc

* approximate direct light level at floor based on spacing criterion overlap

MULTIPLIER

CRI	Multiplier	Kelvin	Multiplier	Reflector Finish	Multiplier
80	1	2700K	0.939	SCL	1
90	0.8	3000K	0.975	SGC	0.95
		3500K	1	WHT	0.87
		4000K	1.035		
		5000K	1.098		

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.