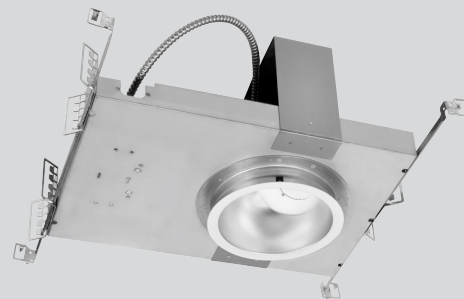


Part #	Prepared By
Project	Notes
Type	
Date	

8" Round Adjustable, F-Class Gen V

Open LED 750-7000 Lumens



Features & Specifications

ELECTRICAL SYSTEM

- 750 - 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 Input Volts, 347V with stepdown transformer
- Minimum 50,000 hour lifetime at L70
- -20°C to 30°C Ambient Operating Temperature Range

OPTICS

- Precision spun 2-piece architectural-grade reflector
- Reflectors available in Soft Glow Clear and White Matte painted finishes
- Distribution is free of streaks, striations and hotspots
- 15°- 45° vertical adjustment range
- 360° horizontal adjustment range

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 auxillary 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; Wet location under covered ceiling
- Buy American Act

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
750	702	9.4	74.68
1100	1029	15.4	66.82
1500	1404	21.6	65
2000	1872	27.2	68.82
3000	2807	36.2	77.54
4000	3743	45.6	82.08
5000	4679	58.5	79.98
6000	5615	60.1	93.43
7000	6500	85.3	76.79

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

Ordering Information

EXAMPLE: A8VOFLEDADJ-1130K-L8030-SGC-ZDM

Series	Voltage	Lumens	Kelvin (CCT)	Reflector	Finishes	Options**
A8VOFLEDADJ	U - 120V-277V 1 - 120V 2 - 277V 3 - 347V (347V Step Down Transformer) *Must provide voltage when optional drivers are selected.	07 - 750 11 - 1100 15 - 1500 20 - 2000 30 - 3000 40 - 4000 50 - 5000 60 - 6000 70 - 7000	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K 50K - 5000K 50K - 5000K	L8030 15°- 45° Vertical Adjustment Open Reflector	SGC Soft Glow Clear WHT White Matte *All trims supplied standard with white painted flange.	ZDM (standard) LDE1 PEQ0 DTD PSQ0 DTDHL HCR DMX PF DCA EM17 TDM EMI17 DMM EM20 DMMHO EMI20 TWC EM-CW-LED TWW GR-4-"xx" DTW GTD DL-2 SENSDYOC DL-3 BRGESEN

**Options Notes

ZDM - 0-10V 1% dimming driver (standard)
 DTD - 0-10V 0.1% dimming driver. (up to 4000 lumens)
 DTDHL - 0-10V 0.1% dimming driver. (use with 5000 - 7000 lumens)
 DMX - DMX with RDM dimming driver, requires DCA
 DCA - Daisy Chain Adaptor
 TDM - Triac (Forward Phase, 120V only) dimming driver. (up to 5000 lumens)
 DMM - Dali Driver (up To 5000 Lumens)
 DMMHO - Dali Driver (use with 6000 and 7000 Lumens)
 DL-2 - Lutron 2-Wire Hi-Lume dimming driver. (up to 3000 lumens)
 DL-3 - Lutron Hi-Lume 1% 3-wire dimming driver. (up to 3000 Lumens)
 LDE1 - Lutron Hi-Lume 1% with Soft-On, Fade-to-Black dimming driver. (up to 4000 lumens)
 PEQ0 - Lutron Hi-Lume Premier 0.1% with Soft-On, Fade-to-Black dimming driver. (up to 4000 lumens)
 HCR - High CRI, 90+ minimum. (Not available in 5000 Kelvin)
 PF - Polished Flange
 EM17 - Battery Backup W/remote Test Button & Indicator Light (for 800-5000 Lumen Luminaires)

EMI17 - Battery Backup W/integral Test Button & Indicator Light (for 800-5000 Lumen Luminaires)
 EM20 - Battery Backup W/remote Test Button & Indicator Light (for Greater Than 5000 Lumen Luminaires)
 EMI20 - Battery Backup W/integral Test Button & Indicator Light (for Greater Than 5000 Lumen Luminaires)
 EM-CW-LED - Cold Weather Rated Emergency Driver
 GR-8-"xx" - 8" 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 Sensdyoc

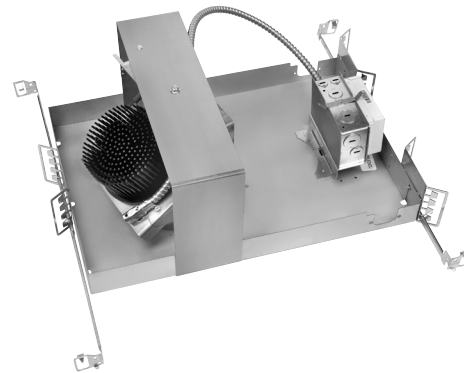
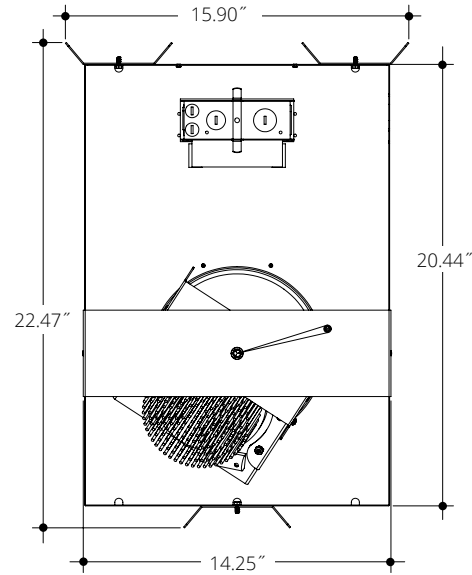
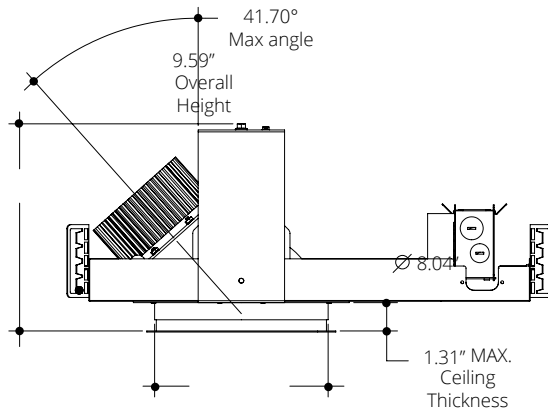
Vantage reserves the right to change components, finishes or design details in any manner which does not alter the installed appearance or reduce performance and intended function.

8" Round Adjustable, F-Class Gen V

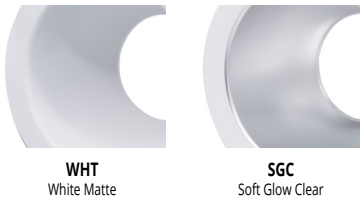
Open LED 750-7000 Lumens

Dimensional Data

Ceiling Cut Out 8.04"



Reflector Finishes



Photometry

L8030 - 15°- 45° Vertical, 360° Horizontal Adjustment Range

Model
A8VOFLEDADJ-U-2035K

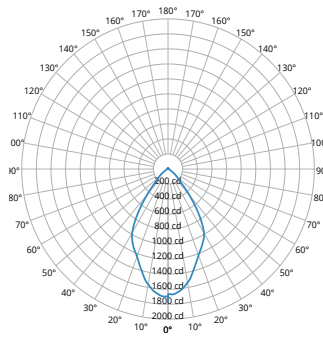
Lumens
1,872

Watts
27.2

Efficacy
68.82

SC
0.86

Candela Curve



Cone of Light

Mounting Height AFF	FC at Center on Floor	Beam Diameter
8.0 ' 1	28 fc	8.7 ' 1
10.0 ' 1	18 fc	10.9 ' 1
12.0 ' 1	12 fc	13.1 ' 1
14.0 ' 1	9 fc	15.2 ' 1
16.0 ' 1	7 fc	17.4 ' 1
20.0 ' 1	4 fc	21.8 ' 1
24.0 ' 1	3 fc	26.1 ' 1
30.0 ' 1	2 fc	32.7 ' 1

Candela Table

	0.00°
0.00°	1,766
5.00°	1,641
10.00°	1,534
15.00°	1,373
20.00°	1,220
30.00°	983
40.00°	451
50.00°	157
60.00°	54
70.00°	21
80.00°	9
90.00°	5

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0° - 30°	1,087	58%
0° - 40°	1,499	80%
0° - 60°	1,758	94%
60° - 90°	76	4%
0° - 20°	569	30%
20° - 50°	1,097	59%
50° - 70°	139	7%
70° - 90°	29	2%
0° - 90°	1,834	98%
90° - 180°	37	2%
Total	1,872	100%

Spacing Criterion

Height	Spacing	Light Level*
8 ft	6.9 ft	~ 28 fc
10 ft	8.6 ft	~ 18 fc
12 ft	10.3 ft	~ 12 fc
8 ft	5.2 ft	~ 49 fc
10 ft	6.4 ft	~ 31 fc
12 ft	7.7 ft	~ 22 fc
8 ft	3.4 ft	~ 110 fc
10 ft	4.3 ft	~ 71 fc
12 ft	5.2 ft	~ 49 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	10.35		
		5000K	1.098		

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