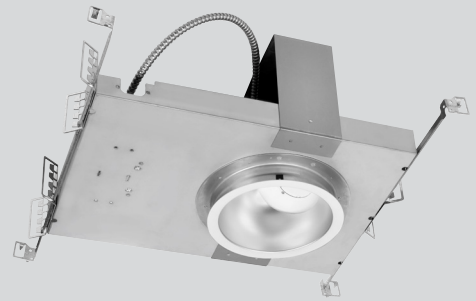


Part #	Prepared By
Project	Notes
Type	
Date	

8" Round Adjustable, F-Class Gen V HiLumen

Open LED 4000 - 10000 Lumens



Features & Specifications

ELECTRICAL SYSTEM

- 4000 - 10000 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
- 35° 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
- 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
- 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
4000	4073	42.3	96.3
5000	5195	55.1	94.3
6000	6025	65.0	92.7
8000	8183	83.7	97.8
10000	9495	96.9	98.0

All measured at 4000K with a standard medium distribution
 *Actual Wattage/Lumens may vary.

Ordering Information

EXAMPLE: A8VOFADJHL-1130K-L8030-SGC-ZDM

Series	Voltage	Lumens	Kelvin (CCT)	Reflector	Finishes	Options**
A8VOFADJHL	U - 120V-277V 1 - 120V 2 - 277V 3 - 347V (347V Step Down Transformer) *Must provide voltage when optional drivers are selected.	40 - 4000 50 - 5000 60 - 6000 80 - 8000 10 - 10000	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K 50K - 5000K 50K - 5000K	L8030 41° Vertical Adjustment Open Reflector	SGC Soft Glow Clear WHT White Matte *All trims supplied standard with white painted flange.	ZDM (standard) LDE1 PEQ0 PSQ0 DTD HCR DMX PF DCA EM17 TDM EM17 DMM EM20 DMMHO EM120 TWC EM-CW-LED TWW GR-4-"xx" DTW GTD SENSDYOC 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 10000 lumens)
 DMM - Dali Driver (up To 5000 Lumens)
 DMMHO - Dali Driver (use with 6000 and 7000 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)

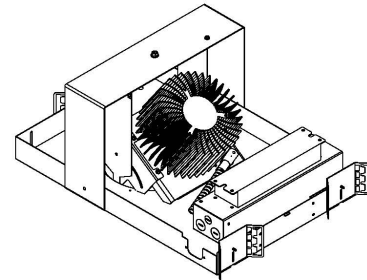
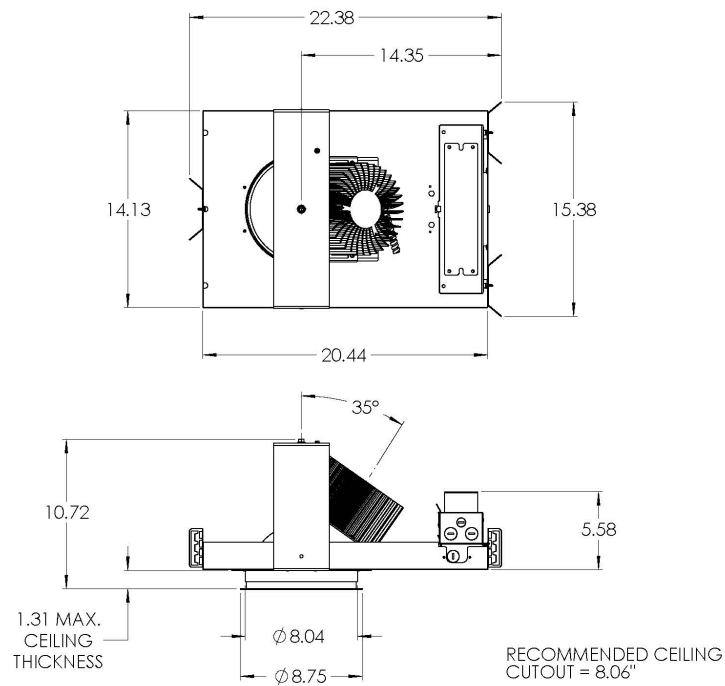
EMI17 - Battery Backup W/integral Test Button & Indicator Light (for 800-5000 Lumen Luminaires)
 EM20 - Battery Backup W/remote Test Button & Indicator Light (for Greater Than 5000 Lumen Luminaires)
 EM120 - Battery Backup W/integral Test Button & Indicator Light (for Greater Than 5000 Lumen Luminaires)
 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 Sesndyoc

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 HiLumen

Open LED 4000 - 10000 Lumens

Dimensional Data



Reflector Finishes



WHT
White Matte



SGC
Soft Glow Clear

Photometry

Model
A8VFLEDADJU-10040K-
L8030SCL-25TILT

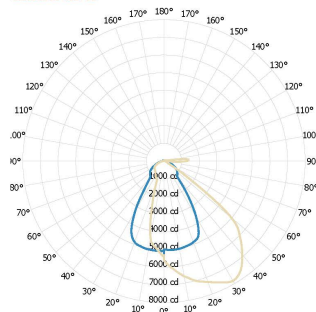
Lumens
9494

Watts
96.9

Efficacy
97.98

SC
1.09

Candela Curve



Cone of Light

Mounting Height AFF	FC at Center on Floor	Beam Diameter
8.0 ft	83 fc	8.5 ft
10.0 ft	53 fc	10.6 ft
12.0 ft	37 fc	12.7 ft
14.0 ft	27 fc	14.8 ft
16.0 ft	21 fc	16.9 ft
20.0 ft	13 fc	21.1 ft
24.0 ft	9 fc	25.4 ft
30.0 ft	6 fc	31.7 ft

Candela Table

	0.00°
0.00°	5317
5.00°	5040
10.00°	5033
15.00°	4973
20.00°	4878
30.00°	3648
40.00°	1218
50.00°	983
60.00°	758
70.00°	410
80.00°	188
90.00°	47

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0° - 30°	3705	39%
0° - 40°	5730	60%
0° - 60°	8240	87%
60° - 90°	840	9%
0° - 20°	1884	20%
20° - 50°	5512	58%
50° - 70°	1265	13%
70° - 90°	418	4%
0° - 90°	9080	96%
90° - 180°	414	4%
Total	9494	100%

Spacing Criterion

Height	Spacing	Light Level*
8 ft	8.7 ft	~ 83 fc
10 ft	10.9 ft	~ 53 fc
12 ft	13.1 ft	~ 37 fc
8 ft	6.5 ft	~ 148 fc
10 ft	8.2 ft	~ 95 fc
12 ft	9.8 ft	~ 66 fc
8 ft	4.4 ft	~ 332 fc
10 ft	5.5 ft	~ 213 fc
12 ft	6.5 ft	~ 148 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		

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.