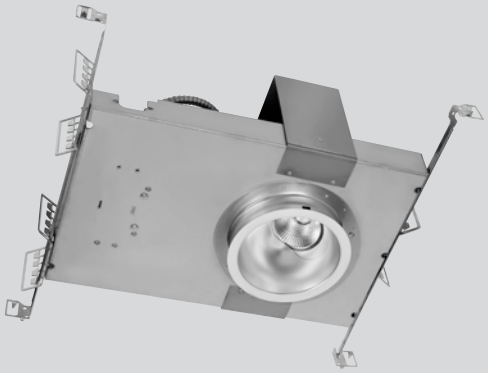
Part #	Prepared By
Project	Notes
Type	
Date	



6" 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; 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 2-piece architectural-grade reflector
- Reflectors available in Alzak® and painted finishes
- Distribution is free of streaks, striations and hotspots
- 35° vertical adjustment range
- 360° horizontal adjustment range
- 60° medium distribution

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 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 peformed 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	3949	42.3	93.4
5000	5038	55.1	91.4
6000	5842	65.0	89.9
8000	7935	83.7	94.8
10000	9207	98.9	93.1

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

Ordering Information

EXAMPLE: A6VOFADJHL-1130K-L6030-SGC-ZDM

A6VOFADJHL		-		-		-	L6030	-		-	

Series	Voltage	Lumens	Kelvin (CCT)	Reflector	Finishes	Options**	
A6VOFADJHL	**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	**L6030** 35° Vertical Adjustment Open Reflector	**SCL** Specular Clear **SGC** Soft Glow Clear **WHT** White Matte *All trims supplied standard with white painted flange.	**ZDM** (standard) **DMX** **DCA** **TDM** **DMM**	**LDE1** **PEQ0** **HCR** **PF** **EM17** **EM-CW-LED** **GR-6-"xx"** **GTD** **SENSDYOC** **BRGESEN**

**Options Notes

ZDM - 0-10V 1% dimming driver (standard)
DMX - DMX with RDM dimming driver, requires DCA
DCA - Daisy Chain Adaptor
TDM - Triac (Foward Phase, 120V only) dimming driver. (up to 10000 lumens)
DMM - Dali Driver (up To 5000 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)
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
SENSDYOC - 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.

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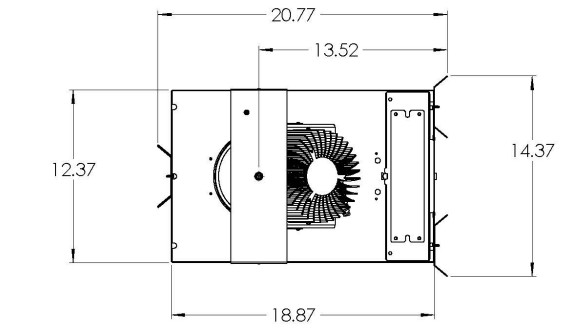
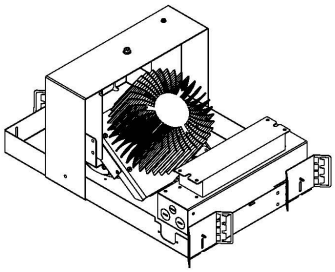
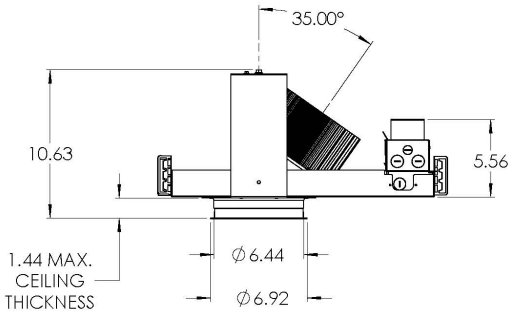
Open, LED 4000 - 10000 Lumens

Dimensional Data

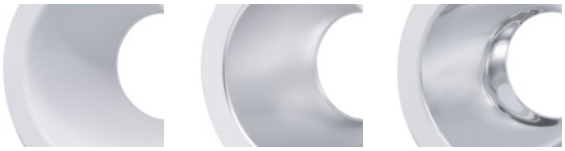






RECOMMENDED CEILING
CUTOUT = 6.50"

Reflector Finishes



WHT
White Matte

SGC
Soft Glow Clear

SCL
Specular Clear

Photometry

Model
A6VFLEDADJU-10040K-L8030SCL-25TILT

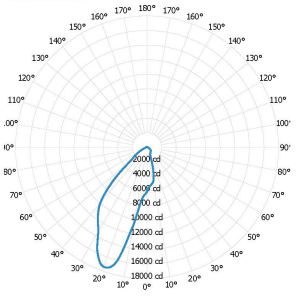
Lumens
9207

Watts
96.9

Efficacy
95.02

SC
0.55

Candela Curve



Cone of Light

Mounting Height AFF	FC at Center on Floor	Beam Diameter
8.0 ft	89 fc	7.2 ft
10.0 ft	57 fc	9.0 ft
12.0 ft	39 fc	10.8 ft
14.0 ft	29 fc	12.6 ft
16.0 ft	22 fc	14.4 ft
20.0 ft	14 fc	18.0 ft
24.0 ft	10 fc	21.6 ft
30.0 ft	6 fc	26.9 ft

Candela Table

	0.00°
0.00°	5676
5.00°	5281
10.00°	4820
15.00°	3254
20.00°	1545
30.00°	919
40.00°	783
50.00°	675
60.00°	413
70.00°	226
80.00°	115
90.00°	21

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0° - 30°	4519	49%
0° - 40°	6550	71%
0° - 60°	8264	90%
60° - 90°	541	6%
0° - 20°	2290	25%
20° - 50°	5413	59%
50° - 70°	874	9%
70° - 90°	229	2%
0° - 90°	8805	96%
90° - 180°	402	4%
Total	9207	100%

Spacing Criterion

Height	Spacing	Light Level*
8 ft	4.4 ft	~ 89 fc
10 ft	5.5 ft	~ 57 fc
12 ft	6.6 ft	~ 39 fc
8 ft	3.3 ft	~ 158 fc
10 ft	4.1 ft	~ 101 fc
12 ft	5.0 ft	~ 70 fc
8 ft	2.2 ft	~ 355 fc
10 ft	2.8 ft	~ 227 fc
12 ft	3.3 ft	~ 158 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		

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