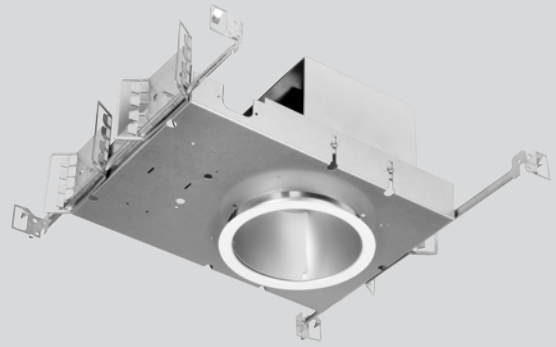


Part #	Prepared By
Project	Notes
Type	
Date	

6" Round, F-Class Gen V

Open, LED Wall Wash, 750-7000 Lumens



Features & Specifications

ELECTRICAL SYSTEM

- 750 - 7000 Lumens
- 2700K - 5000K CCT
- Optional Tunable White, 2700K - 6500K or 1800K - 4000K 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 with integrated 'kicker plate'
- Reflectors available in Alzak® and painted finishes
- Distribution is free of streaks, striations and hotspots
- Medium Wall Wash 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
750	741	9.4	78.83
1100	1086	15.4	70.52
1500	1481	21.6	68.56
2000	1975	26.1	75.76
3000	2963	32.2	92.02
4000	3950	45.6	86.62
5000	4938	58.5	84.41
6000	5926	60.1	98.60
7000	6913	85.3	81.04

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

Ordering Information

EXAMPLE: A6VOFLEDWWU-1130K-L6160-SGC-ZDM

Series	Voltage	Lumens	Kelvin (CCT)	Reflector	Finishes	Options**	
A6VOFLEDWW	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 TWC - Tunable White Full Color (2700K-6500K)* TWW - Turnable White Warm Color (1800K-4000K)* DTW - Dim-to-Warm (1800K-3000K)** *Available up to 2000 lumens **Available up to 5000 lumens	L6160 Wall Wash Open Reflector	SCL Specular Clear SGC Soft Glow Clear WHT White Matte *All trims supplied standard with white painted flange.	ZDM (standard) DTC DTDHL DMX DCA TDM DMM DMMHO DL-2 DL-3 LDE1 PEQ0 PSQ0	HCR PF EM17 EM17 EM20 EM20 EM-CW-LED GR-6-"xx" GTD SENSDYOC BRGESEN

**Options Notes

ZDM - 0-10V 1% dimming driver (standard)
DTC - 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)
TWC - Tunable White Full Color 27k-65k, 90+ Cri With 0-10v Dual Control And 0.1% Dimming. (up to 2000 Lumens)
TWW - Turnable White Warm Color 18k-40k, 90+ Cri With 0-10v Dual Control And 0.1% Dimming. (up to 2000 Lumens)
DTW - Dim-to-Warm 18K-30K, 90CRI with 0-10V. (up to 5000 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)

PSQ0 - Lutron Eco-system Tunable White Driver .1% (not available above 2000 lumens (requires TWW or TWC and ECOSYSTEM PROJECT ID)
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)
EM17 - 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)
EM20 - Battery Backup W/integral 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
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.

6" Round, F-Class Gen V

Open, LED Wall Wash, 750-7000 Lumens

Dimensional Data

Ceiling Cut Out 6.13"

Above Ceiling Height with 5/8" Ceiling

5.39" ≤ 3000L

5.70" 4000L & 5000L

Above Ceiling Height Max Ceiling Thickness

1.21" - 4.81"

Min Ceiling Thickness

0.15" - 5.87"

Above Ceiling Height with 5/8" Ceiling

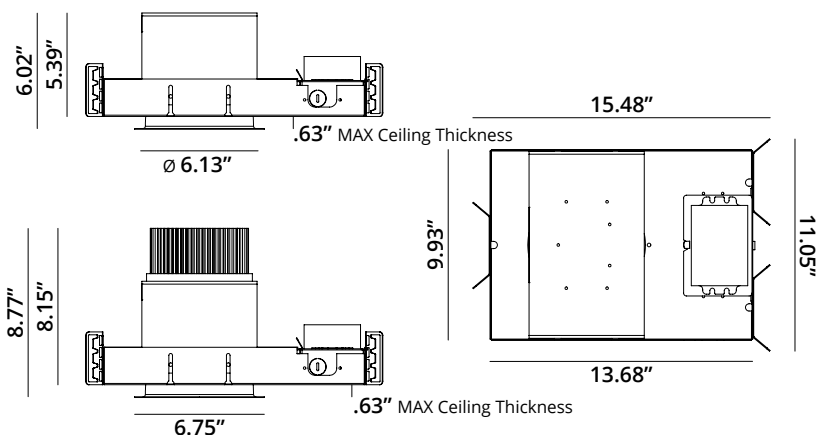
7.15" 6000L & 7000L

Above Ceiling Height Max Ceiling Thickness

1.21" - 7.57"

Min Ceiling Thickness

0.15" - 8.63"



Reflector Finishes



WHT
White Matte



SGC
Soft Glow Clear



SCL
Specular Clear

Photometry

L61060-SCL - 60° Medium Distribution

Model
A6VWFLEDU-2035-L6160-SCL

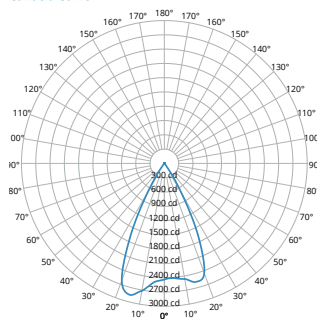
Lumens
1,975

Watts
26.07

Efficacy
75.76

SC
0.93

Candela Curve



Cone of Light

Mounting Height AFF	FC at Center on Floor	Beam Diameter
8.0'	38 fc	7.9'
10.0'	24 fc	9.9'
12.0'	17 fc	11.8'
14.0'	12 fc	13.8'
16.0'	10 fc	15.8'
20.0'	6 fc	19.7'
24.0'	4 fc	23.7'
30.0'	3 fc	29.6'

Candela Table

	0.00°
0.00°	2,438
5.00°	2,420
10.00°	2,464
15.00°	2,575
20.00°	2,450
30.00°	720
40.00°	38
50.00°	14
60.00°	9
70.00°	7
80.00°	6
90.00°	5

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0° - 30°	1,705	86%
0° - 40°	1,881	95%
0° - 60°	1,922	97%
60° - 90°	20	1%
0° - 20°	986	50%
20° - 50°	923	47%
50° - 70°	21	1%
70° - 90°	12	1%
0° - 90°	1,941	98%
90° - 180°	34	2%
Total	1,975	100%

Spacing Criterion

Height	Spacing	Light Level*
8 ft	7.4 ft	~ 38 fc
10 ft	9.3 ft	~ 24 fc
12 ft	11.2 ft	~ 17 fc
8 ft	5.6 ft	~ 68 fc
10 ft	7.0 ft	~ 43 fc
12 ft	8.4 ft	~ 30 fc
8 ft	3.7 ft	~ 152 fc
10 ft	4.7 ft	~ 98 fc
12 ft	5.6 ft	~ 68 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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