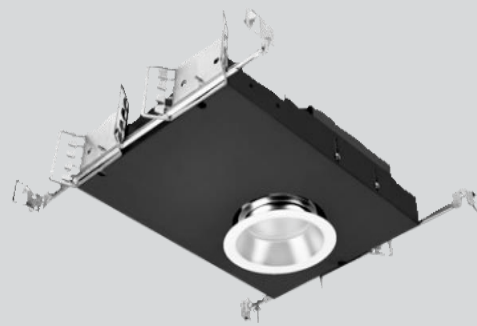


Part #	Prepared By
Project	Notes
Type	
Date	

4" Round, F-Class Gen V - IC-RATED

Lensed LED Downlight, 750-5000 Lumens - Shallow Housing



Features & Specifications

ELECTRICAL SYSTEM

- 750 - 5000 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 regressed lens
- Polycarbonate, Glass and Acrylic lens options
- Reflectors available in Alzak® and painted finishes
- Distribution is free of streaks, striations and hotspots
- 60° Medium distribution
- Easy to clean
- Air Tight sealed lens/reflector optional

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 under covered ceiling
- IC-Rated: insulation can be in direct contact with luminaire
- Optional IP65 provides dust and water protection under ceiling plane in certain configurations
- 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

Lumens*

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

Ordering Information

EXAMPLE: AIC4VEFLEDU-1130K-L4011FR-SGC-ZDM

Series	Voltage	Lumens	Kelvin (CCT)	Reflector/Lens*	Finishes	Options**
AIC4VEFLED	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	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	L4011 L4011P L4011FR L4011FRP L4014 L4014P L4012D 20° L4014D 40° L4016D 60° L4018D 80°	SCL Specular Clear SGC Soft Glow Clear WHT White Matte *All trims supplied standard with white painted flange.	ZDM (standard) DTD DTDHL DMX DCA TDM DMM DMMHO IP65 HCR PF AT EMI17 EMI17 EM-CW-LED GR-4-xx" GTD SENSDYOC BRGESEN

*Lens Notes L4011 - Medium Beam Clear Glass Lensed Reflector L4011P - Medium Beam Clear Polycarbonate Lensed Reflector L4011FR - Medium Beam Frosted Glass Lensed Reflector L4011FRP - Medium Beam Frosted Polycarbonate Lensed Reflector L4014 - Medium Beam Prismatic Glass Lensed Reflector L4014P - Medium Beam Prismatic Acrylic Lensed Reflector L4012D - BeamShaper® Lens, 20° Beam Angle Reflector L4014D - BeamShaper® Lens, 40° Beam Angle Reflector L4016D - BeamShaper® Lens, 60° Beam Angle Reflector L4018D - BeamShaper® Lens, 80° Beam Angle Reflector **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) 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) HCR - High CRI, 90+ minimum. (Not available in 5000 Kelvin) PF - Polished Flange AT - Air Tight EMI17 - Battery Backup W/remote Test Button & Indicator Light (for 800-5000 Lumens) EMI17 - Battery Backup W/integral Test Button & Indicator Light (for 800-5000 Lumen)	EM-CW-LED - Cold Weather Rated Emergency Driver GR-4-xx" - 4" 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 IP65 - Requires lens EXCLUDING L4014 and L4014P
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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.

4" Round, F-Class Gen V - IC-RATED

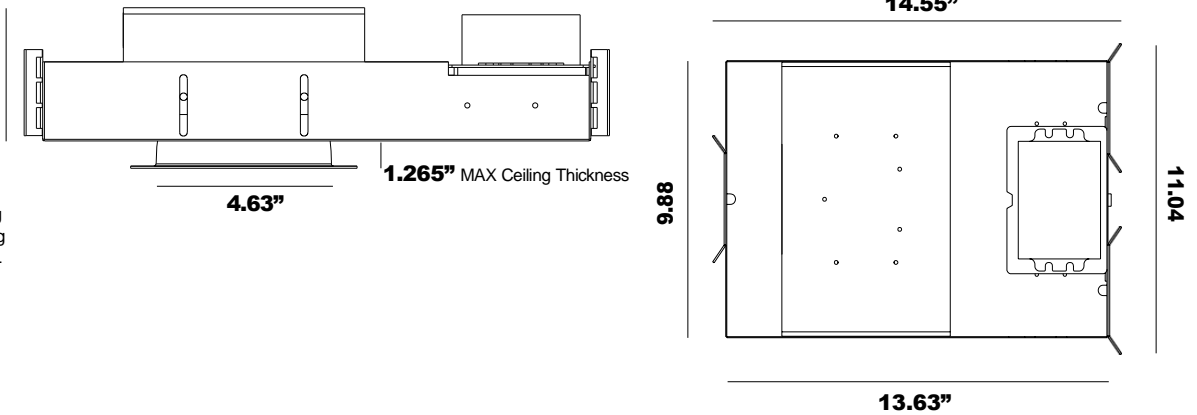
Lensed LED Downlight, 750-5000 Lumens - Shallow Housing

Dimensional Data

Ceiling Cut Out 4.63"

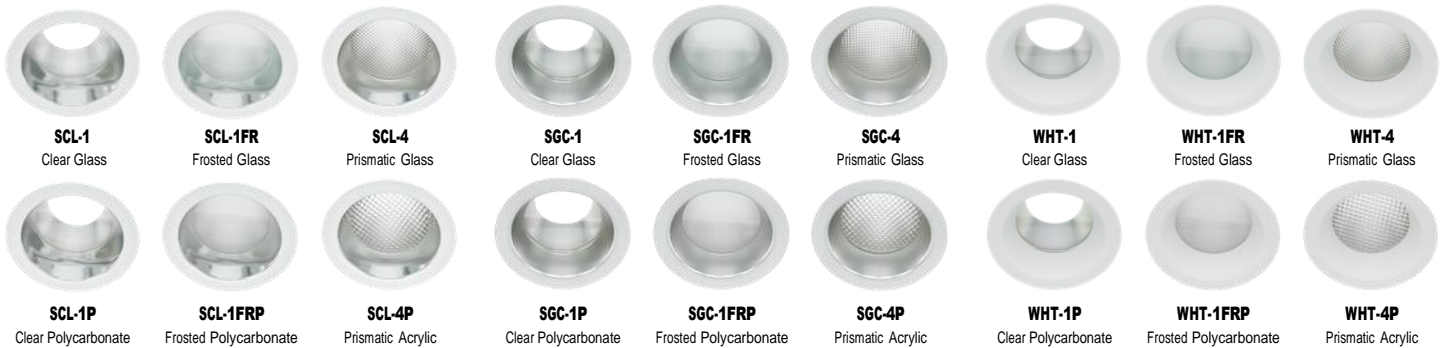
Overall Height
with 5/8" Ceiling
3.31" 3000L
3.61" 4000L & 5000L

Overall Height
Min. 3.14" with 1.25" Ceiling
Max. 3.75" With 0.25" Ceiling
Add 0.30" for 4000 & 5000L



PLEASE NOTE – IP65 option requires four equally spaced fasteners through the reflector flange, visible from below the ceiling plane.

Reflector Finishes / Lens Options



Photometry

L4011 - 60° Medium Distribution

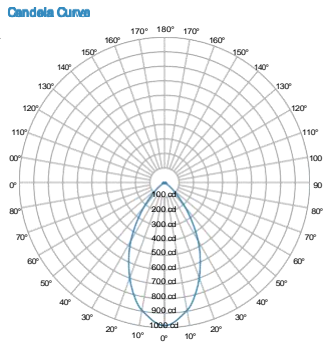
Model
AIC4VEFLEDU-1535K-L4011SCL

Lumens
929

Watts
21.6

Efficiency
43.01

SC
0.84



Cone of Light

Mounting Height AFF	FC at Center on Floor	Beam Diameter
8.0'	15 fc	8.8'
10.0'	10 fc	11.0'
12.0'	7 fc	13.2'
14.0'	5 fc	15.4'
16.0'	4 fc	17.6'
20.0'	2 fc	21.9'
24.0'	2 fc	26.3'
30.0'	1 fc	32.9'

Candela Table

	0.00°
	986
0.00°	986
5.00°	953
15.00°	807
90.00°	0

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0° - 30°	581	62%
0° - 40°	791	85%
0° - 60°	917	99%
60° - 90°	30	3%
0° - 20°	315	34%
20° - 50°	595	64%
50° - 70°	66	7%
70° - 90°	2	0%
0° - 90°	929	100%
90° - 180°	0	0%
Total	929	100%

Spacing Criterion

Height	Spacing	Light Level*
8 ft	6.7 ft	~ 15 fc
10 ft	8.4 ft	~ 10 fc
12 ft	10.1 ft	~ 7 fc
8 ft	5.0 ft	~ 27 fc
10 ft	6.3 ft	~ 18 fc
12 ft	7.6 ft	~ 12 fc
8 ft	3.4 ft	~ 62 fc
10 ft	4.2 ft	~ 39 fc
12 ft	5.0 ft	~ 27 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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