VANTAGE LIGHTING

Part #	Prepared By
Project	Date
Type	

6"X14" Architectural Cylinder

Open LED 1100-5000 Lumens



Features & Construction

ELECTRICAL SYSTEM

- 1100 - 5000 Lumens
- 2700K - 4000K CCT
- Tunable White and Dim-To-Warm options
- 80 CRI with 3 SDCM color consistency, 90+ CRI available
- Standard 0-10V 1% dimming driver (ZDM)
- 120V - 277V Universal Input Volts
- Minimum 50,000 hour lifetime at L70
- -20°C to 30°C Ambient Operating Temperature Range

OPTICS

- Precision spun architectural-grade reflector
- Reflectors available in Alzak® and painted finishes
- Distribution is free of streaks, striations and hotspots
- 80° Wide Distribution
- 45° Cutoff

HOUSING & MOUNTING

- .064″ thick spun aluminum cylinder
- Exterior paint with standard finishes of white, black, bronze, silver or custom color
- Heatsink - Integrated aluminum heat sink for superior thermal management.
- 4 mounting solutions, Ceiling/Surface, Wall, Cord & Cable and Pendant mount
- Pendant Mount - 3/8″ IP x 12″ long rigid stem with a 45° swivel canopy for sloped ceiling applications.
- Cord & Cable Mount - 72" cord provided standard

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 (per NEC 410 & UL 1598)
- 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

Lumens*

Nominal Lumens	Delivered Lumens	Wattage	Lumens Per Watt
1100	858	15.4	55.71
1500	1171	21.6	54.21
2000	1561	24.74	63.10
3000	2341	33.5	69.88
4000	3122	45.6	68.46
5000	3902	58.5	66.70

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

Mounting Options Notes

P-"XX" - 3/8" IP x12" rigid stem with swivel canopy to accommodate sloped ceilings up to 45°.
Standard Pendant lengths (stem): 12", 24", and 36". If a different length is desired, please specify in 12" increments and add a field cut kit to the order (CH34TK).
CCK-"XX" 5 conductor cord to support 0-10V dimming (standard). Other lengths available.
Optional Drivers - Requires larger canopy, see canopy details for more information

Ordering Information

EXAMPLE: VC614PLEDU-3035K-WHT-SGC-ZDM-CCK-24

	614PLED		-		-		-		-		-	
Mounting Options	**Series**	**Voltage**		**Lumens**	**Kelvin (CCT)**	**Housing Finish**		**Reflector Finish**		**Dimming* Options**		**Additional Options****
VC Ceiling Mount **VP** Pendant Mount **VW** Wall Mount	**614PLED**	**U** - 120V-277V **1** - 120V **2** - 277V *Must provide voltage when optional drivers are selected.		**11** - 1100 **15** - 1500 **20** - 2000 **30** - 3000 **40** - 4000 **50** - 5000	**27K** - 2700K **30K** - 3000K **35K** - 3500K **40K** - 4000K **TWC** - Tunable White Full Color* 2700K - 6500K **TWW** - Tunable White Warm Color* 1800K - 4000K **DTW** - Dim-To-Warm* 1800K - 3000K	**WHT** White Matte **BLK** Black Matte **BZ** Bronze **CS** Silver **CC** Custom Color		**SCL** Specular Clear **SGC** Soft Glow Clear **WHT** White Matte		**ZDM** (Standard) **DTD** **TDM** **DL-2** **DL-3** **LDE1** **PEQ0** **PSQ0**		**HCR** **REM** **P-"xx"** **CH34TK** **CCK-"xx"** **FCJS-ECO** **FCJS-010** **FCJS-ECO-EM** **FCJS-010-EM** **FC-SENSOR** **FC-VSENSOR**

***Driver Options Notes**

ZDM - 0-10V 1% dimming driver (standard)
DTD - 0-10V 0.1% Dim-To-Dark dimming driver.(up to 4000 lumens)
TDM - Triac (Foward Phase, 120V only) dimming driver.
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)

***Tunable Color Notes**

TWC - Tunable White Full Color 27k-65k, 90+ Cri With 0-10v Dual Control and 0.1% Dimming. (up to 2000 Lumens) (Only available in VP Mount)
TWW - Turnable White Warm Color 18k-40k, 90+ Cri With 0-10v Dual Control And 0.1% Dimming. (up to 2000 Lumens) (Only available in VP Mount)
DTW - Dim-to-Warm 18K-30K, 90CRI with 0-10V and 0.1% Dimming. (up to 5000 Lumens)

***Additional Options Notes**

HCR - High CRI, 90+ minimum
REM - Remote Battery Backup W/remote Test Button And Indicator Light (up to 5000 Lumens)
P-"XX" - Specify length of Pendant Mount
CH34TK - Field Cut Kit For Stems
CCK-"XX" - Specify length of Cord & Cable Kit
FCJS-ECO - Vive PowPak EcoSystem Control Module
FCJS-010 - Vive PowPak 0-10 V Control Module, 1 A Switched
FCJS-ECO-EM - Emergency rated Vive PowPak EcoSystem Control Module
FCJS-010-EM - Emergency rated Vive PowPak 0-10 V Control Module, 1 A Switched
FC-SENSOR - Combo Occupancy & Daylight Sensor, Wired (used only with FCJS-ECO and FCJS-010 modules)
FC-VSENSOR - Combo Vacancy & Daylight Sensor, Wired (used only with FCJS-ECO and FCJS-010 modules)

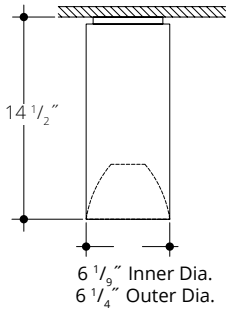
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6″X14″ Architectural Cylinder

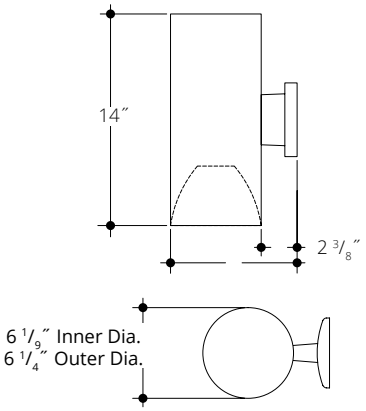
Open LED 1100-5000 Lumens

Dimensional Data

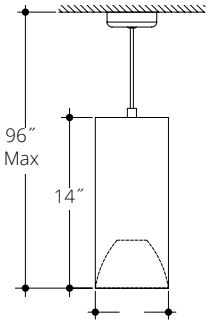
VC - CEILING/SURFACE MOUNT



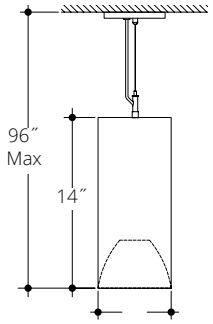
VW - WALL MOUNT



VP - PENDANT MOUNT

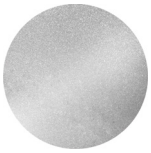


VC WITH CCK-"XX" - CORD & CABLE MOUNT



HOUSING FINISHES

WHT
WHITE MATTE



CS
SILVER



BLK
BLACK MATTE



BZ
BRONZE

REFLECTOR FINISHES



SCL
SPECULAR CLEAR



SGC
SOFT GLOW CLEAR



WHT
WHITE MATTE

PHOTOMETRY

WD - Wide 80°

Model

VC614PLED-WE-2035K,
VP614PLED-WE-2035K,
VW614PLED-WE-2035K,

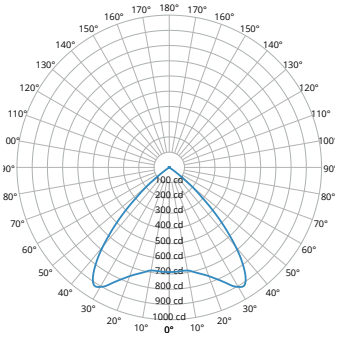
Lumens
1,561

Watts
24.74

Efficacy
63.10

SC
1.61

Candela Curve



Cone of Light

Mounting Height AFF	FC at Center on Floor	Beam Diameter
8.0 '	11 fc	15.6 '
10.0 '	7 fc	19.5 '
12.0 '	5 fc	23.4 '
14.0 '	4 fc	27.3 '
16.0 '	3 fc	31.3 '
20.0 '	2 fc	39.1 '
24.0 '	1 fc	46.9 '
30.0 '	1 fc	58.6 '

Candela Table

0.00°	688
5.00°	686
15.00°	718
90.00°	0

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0° - 30°	659	42%
0° - 40°	1,189	76%
0° - 60°	1,557	100%
60° - 90°	19	1%
0° - 20°	272	17%
20° - 50°	1,261	81%
50° - 70°	136	9%
70° - 90°	1	0%
0° - 90°	1,561	100%
90° - 180°	0	0%
Total	1,561	100%

Spacing Criterion

Height	Spacing	Light Level*
8 ft	12.9 ft	~ 11 fc
10 ft	16.1 ft	~ 7 fc
12 ft	19.3 ft	~ 5 fc
8 ft	9.7 ft	~ 19 fc
10 ft	12.1 ft	~ 12 fc
12 ft	14.5 ft	~ 8 fc
8 ft	6.4 ft	~ 43 fc
10 ft	8.1 ft	~ 28 fc
12 ft	9.7 ft	~ 19 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		

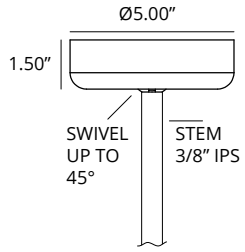
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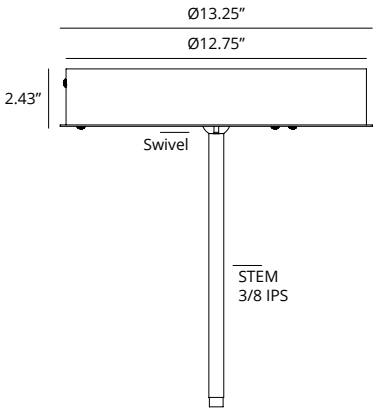
Canopy Information

VP - With Standard Driver
Pendant Mount,rigid stem, swivel canopy, up to 45° slope ceiling



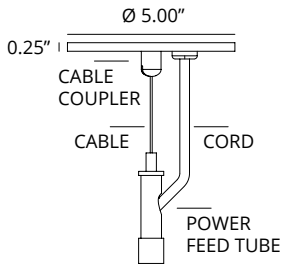
Driver Compatibility
ZDM - 0-10V 1% Dimming
Standard

VP - With Optional Drivers
Canopy for larger driver options. Driver located in canopy.



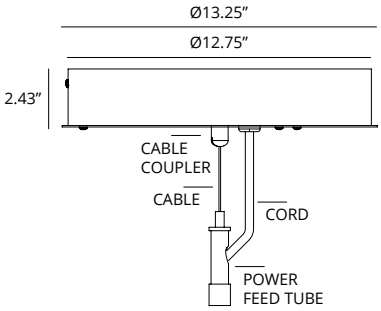
Driver Compatibility
TDM
TWC - Tunable White Full Color, 0.1% 0-10V
TWW - Tunable White Warm Color, 0.1% 0-10V
DTW - Dim-to-Warm, 0.1% 0-10V
DTD
DL-2
DL-3
LDE1
PEQ0
PSQ0

CCK - With Standard Driver
Cord & Cable Mount, fixed canopy (standard)



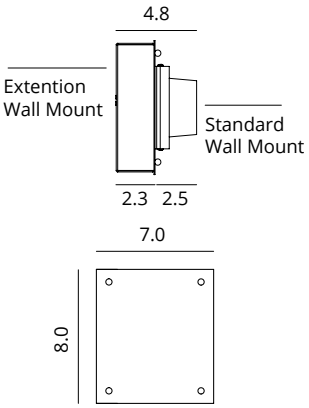
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Cord & Cable Mount, fixed canopy (standard)



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WALL MOUNT EXTENSION
Wall Mount Extension for larger optional drivers



Driver Compatibility
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