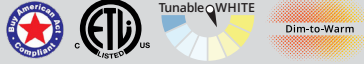


Part #	Prepared By
Project	Date
Type	

6"X10" Architectural Cylinder

Regressed Lens LED 1100-3000 Lumens



Features & Construction

ELECTRICAL SYSTEM

- 1100 - 3000 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 with regressed lens
- Polycarbonate and Glass lens options
- Reflectors available in Alzak® and painted finishes
- Distribution is free of streaks, striations and hotspots
- 60° Medium Distribution

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 UL1598 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 performed 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	901	15.4	58.5
1500	1229	21.6	56.9
2000	1502	27.2	55.2
3000	2048	33.5	61.1

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

Mounting Options Notes

P-"XX" - 3/8" IP x 12" 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: VC610PLEDU-3035K-WHT-L6011-SGC-ZDM-CCK-24

Mounting Options	Series	Voltage	Lumens	Kelvin (CCT)*	Housing Finish	Reflector	Lens*	Reflector Finish	Dimming* Options	Additional Options*
VC Ceiling Mount	610PLED	U - 120V-277V 1 - 120V 2 - 277V	11 - 1100 15 - 1500 20 - 2000 30 - 3000	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	L601 60° Medium	1 1P 1FR 4 4P	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)
TDM - Triac (Forward Phase, 120V only) dimming driver.
DTD - 0-10V 0.1% Dim-To-Dark 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 Dimming 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)

*Lens Notes

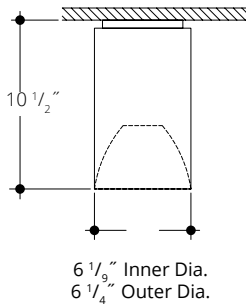
1 - Clear Glass
1P - Clear Polycarbonate
1FR - Frosted Glass
1FRP - Frosted Polycarbonate
4 - Prismatic Glass
4P - Prismatic Acrylic

6"X10" Architectural Cylinder

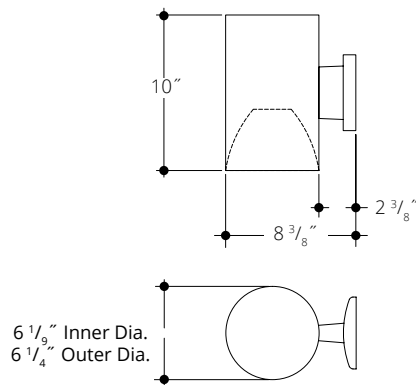
Regressed Lens LED 1100-3000 Lumens

Dimensional Data

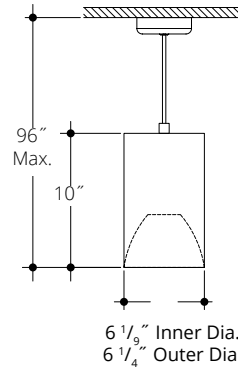
VC - CEILING/SURFACE MOUNT



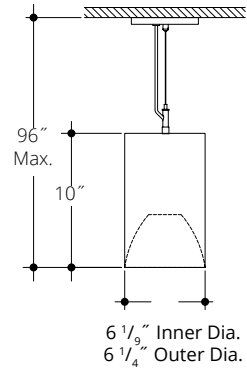
VW - WALL MOUNT



VP - PENDANT MOUNT



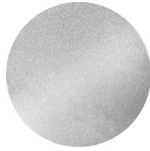
VC WITH CCK-"XX" - CORD & CABLE MOUNT



HOUSING FINISHES



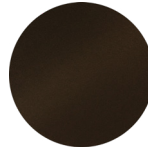
WHT
WHITE MATTE



CS
SILVER



BLK
BLACK MATTE



BZ
BRONZE

REFLECTOR FINISHES



SCL
SPECULAR CLEAR



SGC
SOFT GLOW CLEAR



WHT
WHITE MATTE

PHOTOMETRY

Medium 60°

Model
VC614PLEDL601-2035K

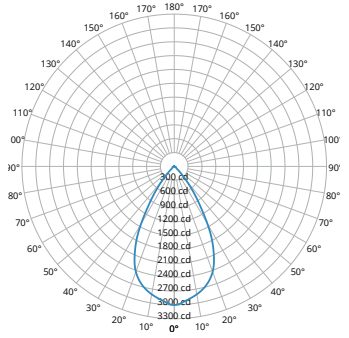
Lumens
2,730

Watts
27.2

Efficacy
100.37

SC
0.92

Candela Curve



Cone of Light

Mounting Height AFF	FC at Center on Floor	Beam Diameter
8.0'	47 fc	9.1'
10.0'	30 fc	11.3'
12.0'	21 fc	13.6'
14.0'	15 fc	15.9'
16.0'	12 fc	18.1'
20.0'	8 fc	22.7'
24.0'	5 fc	27.2'
30.0'	3 fc	34.0'

Candela Table

	0.00°
0.00°	3,003
5.00°	2,919
10.00°	2,814
15.00°	2,668
20.00°	2,430
30.00°	1,439
40.00°	438
50.00°	64
60.00°	43
70.00°	37
80.00°	0
90.00°	0

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0° - 30°	1,929	71%
0° - 40°	2,470	90%
0° - 60°	2,662	98%
60° - 90°	68	2%
0° - 20°	1,022	37%
20° - 50°	1,595	58%
50° - 70°	86	3%
70° - 90°	27	1%
0° - 90°	2,730	100%
90° - 180°	0	0%
Total	2,730	100%

Spacing Criterion

Height	Spacing	Light Level*
8 ft	7.4 ft	~ 47 fc
10 ft	9.2 ft	~ 30 fc
12 ft	11.0 ft	~ 21 fc
8 ft	5.5 ft	~ 83 fc
10 ft	6.9 ft	~ 53 fc
12 ft	8.3 ft	~ 37 fc
8 ft	3.7 ft	~ 188 fc
10 ft	4.6 ft	~ 120 fc
12 ft	5.5 ft	~ 83 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		

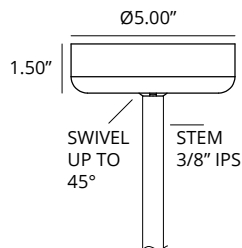
6"X10" Architectural Cylinder

Regressed Lens LED 1100-3000 Lumens

Canopy Information

VP - With Standard Driver

Pendant Mount, rigid stem, swivel canopy, up to 45° slope ceiling

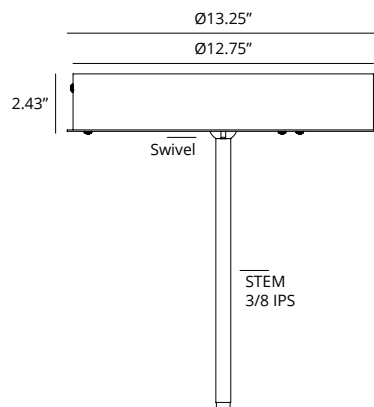


Driver Compatibility

ZDM - 0-10V 1% Dimming
Standard

VP - With Optional Drivers

Canopy for larger driver options. Driver located in canopy.

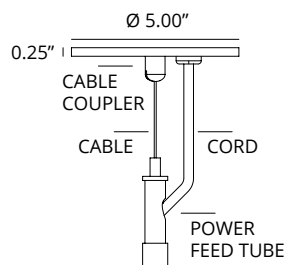


Driver Compatibility

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)

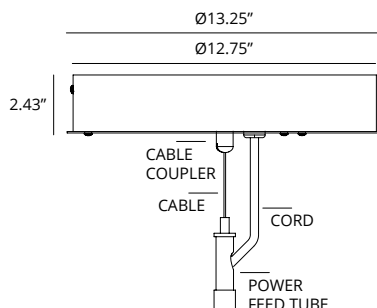


Driver Compatibility

ZDM - 0-10V 1% Dimming
Standard

CCK - With Optional Drivers

Cord & Cable Mount, fixed canopy (standard)

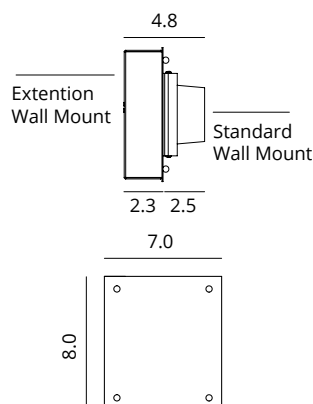


Driver Compatibility

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

WALL MOUNT EXTENSION

Wall Mount Extension for larger optional drivers



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