

Part #	Prepared By
Project	Notes
Type	
Date	

1" Series DecoLine® Cylinder

Regressed Lens LED Cylinder 400-600 Lumens



DESCRIPTION

DecoLine® architectural LED cylinders can be personalized with 25 standard interchangeable finish options. The 1" Series is available in five different sizes: 1"x 12", 1"x 18", 1"x 24", 1"x 30" and 1"x 36". Mounting options include Surface Mount, Pendant Mount and Cord Mount. Designed with a 23° optical distribution, the DecoLine® 1" Series is designed for accent, decorative or task lighting applications. Multiple dimming driver options are available for your specific design needs.

FEATURES

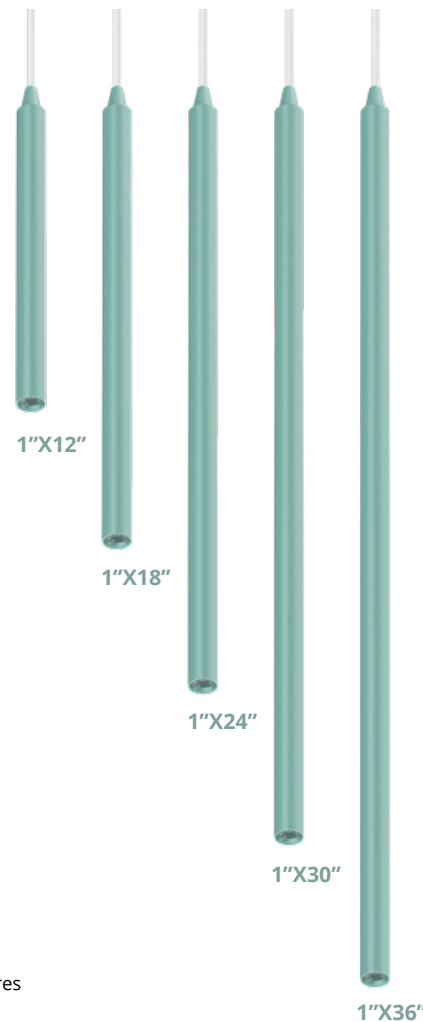
- 25 interchangeable finish options
- 23° Beamshaper® optic to provide precise beam control & soft luminance
- Surface, Pendant and Cord Mounting options
- 400 & 600 Lumen Package
- 2700K, 3000K, 3500K & 4000K CCT options
- 80+ CRI Standard, 90+ CRI Option
- 3-Step SDCM
- Standard 0-10V 1% dimming driver (located in canopy)
- Optional 0-10V 0.1%, Triac, Dali and Lutron dimming drivers (located in canopy)

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
- Buy American Act

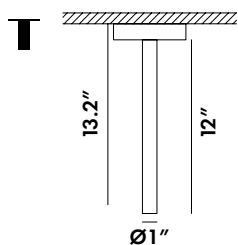
WARRANTY & NOTES

- 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



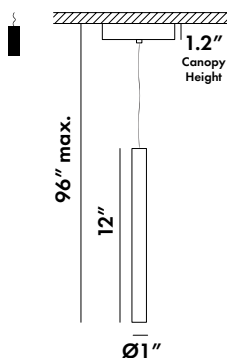
MOUNTING SOLUTIONS

SM - SURFACE MOUNT



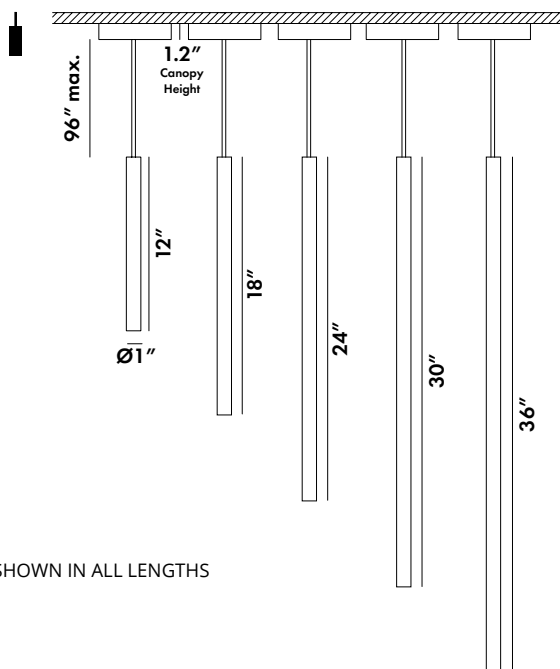
SHOWN AS 12"

CM - CORD MOUNT



SHOWN AS 12"

PM - PENDANT MOUNT



SHOWN IN ALL LENGTHS

MOUNTING NOTES

PM - 1/4" IP x 12" rigid stem with fixed canopy (standard). Swivel canopy (PM-SWC) available 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.

CM - 72" 5 conductor cord to support 0-10V dimming (standard). Other lengths available. Requires large canopy when paired with REM (Remote Emergency Battery)

Optional Drivers - Require larger canopy, see canopy details for more information.

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DecoLine®
CYLINDERS

ORDERING INFORMATION

EXAMPLE: VDL124CMU-0735K-NW-HBL-BLK-BLK-DTD-PM(24)

			-			-		-		-		-			
1	2	3		4	5		6		7		8		9	10	11

Additional Notes

1	2	3	4	5	6
Size	Mounting Option	Voltage	Lumens	Kelvin	Beamshaper®
VDL112 - 1"x12" VDL118 - 1"x18" VDL124 - 1"x24" VDL130 - 1"x30" VDL136 - 1"x36"	SM - Surface Mount CM - Cord Mount PM - Pendant Mount	U - 120V-277V 1 - 120V 2 - 277V *Must provide voltage when optional drivers are selected.	04 - 400 06 - 600	27K - 2700 Kelvin 30K - 3000 Kelvin 35K - 3500 Kelvin 40K - 4000 Kelvin	NW - Narrow 23°
7	8	9			
Housing Finish	Cord/Stem Finish	Canopy Finish			
ACR BA BLB BLK BLS BRD BVT BZ CS DEU HBL MCL PBK	PCL PVT RBE RVT SOR SPK SSG TPG TRQ WHC WHG WHT CC-RAL()*	CBLK* CGRY* CWHT* ACR BLB BLK BLS BRD BVT BZ CS DEU HBL MCL PBK			
	PCL PVT RBE RVT SOR SPK SSG TPG TRQ WHC WHG WHT CC-RAL()*	ACR BLB BLK BLS BRD BVT BZ CS DEU HBL MCL PBK PCL			
		PVT RBE RVT SOR SPK SSG TPG TRQ WHC WHG WHT CC-RAL()*			
10	11				
Driver Options*	Additional Options**				
DTD TDM DDM DL-2 DL-3 LDE1 PEO0	HCR REM CM-() PM-() PM-SWC				

ORDERING NOTES

Cord Finish - Cord finish options only available in CBLK, CGRY, CWHT

CC-RAL() - Must supply RAL number when submitting order, custom color charge applies

Color Swatches - See P.4 for color swatches

*DRIVER OPTIONS NOTES

Optional Drivers - Require larger canopy, see canopy details for more information

DTD - 0-10V 0.1% dimming driver.

TDM - Triac (Forward Phase, 120V only) dimming driver.

DDM - Dali dimming driver.

DL-2 - Lutron 2-Wire Hi-Lume dimming driver.

DL-3 - Lutron 3-Wire Hi-Lume dimming driver.

LDE1 - Lutron Hi-Lume 1% with Soft-On, Fade-to-Black dimming driver.

PEQ0 - Lutron Hi-Lume Premier 0.1% with Soft-On, Fade-to-Black dimming driver.

LUMENS

Nominal Lumens	Delivered Lumens	Wattage	Lumens Per Watt
400	320	7.55	42.38
600	480	9.00	53.33
Measured at 3500K with a standard narrow distribution *Actual Wattage/Lumens may vary.			

**ADDITIONAL OPTIONS NOTES

HCR - 90+ CRI min.

REM - Remote Emergency Battery Backup. Use with PM & SM only.

CM-() - Specify length of Cord Mount.

PM-() - Specify length of Pendant Mount.

PM-SWC - Swivel Canopy 1/4" IP x12" rigid stem with swivel canopy for mounting on sloped ceilings up to 45°.

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DecoLine®
CYLINDERS

PHOTOMETRY

NW - Narrow 23°

Model
VDL112-0427K-NW
VDL118-0427K-NW
VDL124-0427K-NW
VDL130-0427K-NW
VDL136-0427K-NW

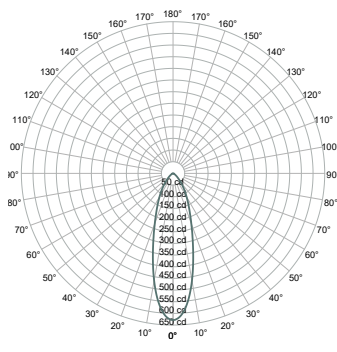
Lumens
320

Watts
7.55

Efficacy
42.38

SC
0.51

Candela Curve



Cone of Light

Mounting Height AFF	FC at Center on Floor	Beam Diameter
8.0 ' 10.0 ' 12.0 ' 14.0 ' 16.0 ' 20.0 ' 24.0 ' 30.0 '	10 fc 6 fc 4 fc 3 fc 2 fc 2 fc 1 fc 1 fc	4.5 ' 5.6 ' 6.8 ' 7.9 ' 9.0 ' 11.3 ' 13.5 ' 16.9 '

Candela Table

0.00°
628
584
331
0

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0° - 30°	219	68%
0° - 40°	271	85%
0° - 60°	311	97%
60° - 90°	19	6%
0° - 20°	144	45%
20° - 50°	160	50%
50° - 70°	27	8%
70° - 90°	3	1%
0° - 90°	320	100%
90° - 180°	0	0%
Total	320	100%

Spacing Criterion

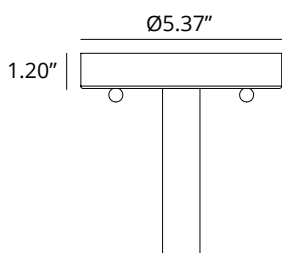
Height	Spacing	Light Level*
8 ft	4.1 ft	~ 10 fc
10 ft	5.1 ft	~ 6 fc
12 ft	6.1 ft	~ 4 fc
8 ft	3.1 ft	~ 17 fc
10 ft	3.8 ft	~ 11 fc
12 ft	4.6 ft	~ 8 fc
8 ft	2.0 ft	~ 39 fc
10 ft	2.5 ft	~ 25 fc
12 ft	3.1 ft	~ 17 fc

* approximate direct light level at floor based on spacing criterion overlap

CANOPY DETAILS

SM

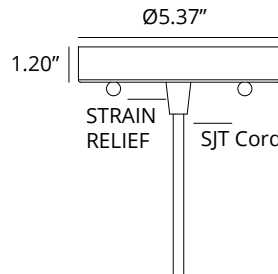
Surface Mount canopy (standard) Driver located in canopy.



Driver Compatibility
Standard 0-10V 1%

CM

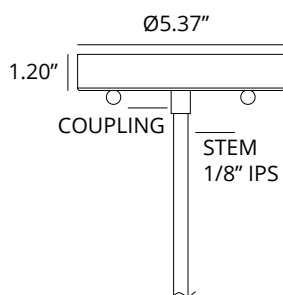
Cord Mount, fixed canopy (standard) Driver located in canopy.



Driver Compatibility
Standard 0-10V 1%

PM

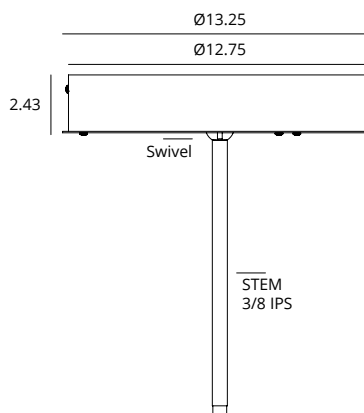
Pendant Mount, rigid stem, fixed canopy (standard)



Driver Compatibility
Standard 0-10V 1%

OPTIONAL DRIVERS

Canopy for larger driver options. Driver located in canopy.

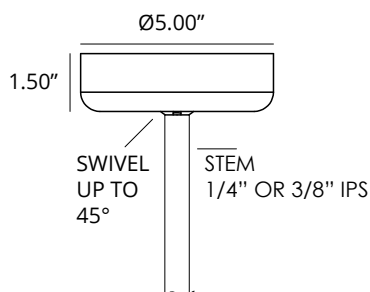


Driver Compatibility
DTD
TDM
DDM
DL-2
DL-3
LDE1
PEQ0

Available as
CM, PM-RGC & PM-SWC
Large canopy required when
CM is paired with REM

PM-SWC

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



Driver Compatibility
Standard 0-10V 1%

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25 STANDARD FINISHES



RBE - ROBIN EGG



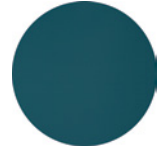
TRQ - TURQUOISE



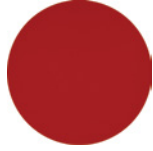
DEU - DARK EUCALYPTUS



HBL - HYDRANGEA BLUE



BLB - BLUE BIRD



BRD - BORDEAUX RED



PCL - PINK CORAL



SPK - SUBTLE PINK



SOR - SALMON ORANGE



SSG - SUNSET ORANGE



RVT - RED VELVET



PVT - PURPLE VELVET



BVT - BLUE VELVET



WHC - WHITE CRYSTAL



WHT - WHITE MATTE



WHG - WHITE HIGH GLOSS



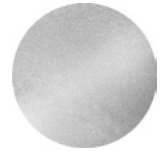
TGD - TRANSLUCENT GOLD



BA - BRUSHED ALUMINUM



ACR - ANTIQUE CHROME



CS - MIRROR SILVER SPARKLE



MCL - METALLIC CHARCOAL



BZ - BRONZE



BLS - BLACK SCALE

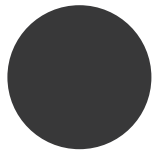


BLK - BLACK MATTE

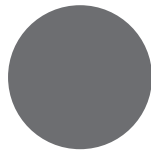


PBK - PIANO BLACK

CORD ONLY FINISHES



CBLK - BLACK CORD



CGRY - GREY CORD



CWHT - WHITE CORD

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