Part #	Prepared By
Project	Date
Type	



6″X10″ Luxify™ Cylinder

Open LED 3000-6000 Lumens

Features & Construction

ELECTRICAL SYSTEM

- 3000 - 6000 Lumens
- 2700K - 4000K CCT
- 80 CRI with 3 SDCM color consistency, 90+ CRI available
- Standard 0-10V 10% dimming driver (SDM), 1% dimming driver optional
- 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 3 standard finishes
- Distribution is free of streaks, striations and hotspots
- 80° Wide Distribution

HOUSING & MOUNTING

- .064″ thick spun aluminum cylinder
- Powder coat 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 peformed by an accredited NVLP facility and in accordance to IESNA LM-79-2008 testing procedures

Lumens*

Nominal Lumens	Wattage	Delivered Lumens	LPW
3000	22.19	3006	135.47
4000	29.58	4008	135.5
5000	36.98	5010	135.48
6000	44.37	6012	135.5

Measured at 4000K with a standard wide distibution. *Actual Wattage/Lumens may vary.

Ordering Information

EXAMPLE: VC610OBLEDU-3035K-BLK-W6060-SGC-ZDM-P-24

	610OBLED		-		-		-	W6060	-		-		-	
Mounting Options	Series	Voltage		Lumens		Kelvin (CCT)		Housing Finish		Reflector		Reflector Finish		Driver* Options	Additional Options*
VC Ceiling Mount **VP** Pendant Mount **VW** Wall Mount	**610OBLED**	**U** - 120V-277V **1** - 120V **2** - 277V *Must provide voltage when optional drivers are selected.		**30** - 3000 **40** - 4000* **50** - 5000* **60** - 6000* *Driver In Canopy		**27K** - 2700K **30K** - 3000K **35K** - 3500K **40K** - 4000K		**WHT** White Matte **BLK** Black Matte **BZ** Bronze **CS** Silver **CC** Custom Color		**W6060** 80° Wide		**SCL** Specular Clear **SGC** Soft Glow Clear **WHT** White Matte		**SDM** (Standard) **ZDM** **ZDMHL** **DTD** **DTDHL** **DMX** **TDM** **TDMHL** **DL-2** **DL-3** **LDE1** **PEQ0**	**HCR** **REM** **DCA** **P-″XX″** **CH34TK** **CCK-″xx″** **FCJS-ECO** **FCJS-010** **FCJS-ECO-EM** **FCJS-010-EM** **FC-SENSOR** **FC-VSENSOR**

*Driver Options Notes

SDM - 0-10V 10% dimming driver (standard)
ZDM - 0-10V 1% dimming driver (up to 5000)
ZDMHL - 0-10V 1% dimming driver (for 6000 lumens)
DTD - 0-10V 0.1% dimming driver. (up to 4000 lumens)
DTDHL - 0-10V 0.1% dimming driver. (up to 6000 lumens)
DMX - DMX with RDM dimming driver, requires DCA
TDM - Triac (Foward Phase, 120V only) dimming driver. (up to 5000 lumens)
TDMHL - Triac (Foward Phase, 120V only) dimming driver. (for 6000 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 Eco-system Fade-to-black Driver (4000 lumens and below) - (REQUIRES ECOSYSTEM PROJECT ID)
PEQ0 - Lutron Hi-lume Premier 0.1% Dimming Driver (4000 Lumens and below) - (REQUIRES ECOSYSTEM PROJECT ID)

*Additional Options Notes

HCR - High CRI, 90+ minimum
REM - Remote Battery Backup W/remote Test Button And Indicator Light
P-″XX″ - Specify length of Pendant Mount (if specified pendant length is not within 12″ increments, a CH34TK is required)
DCA - DMX Daisy Chain Adaptor. Must be included with DMX option.
CH34TK - Field Cut Kit For Stems (needed for pendant lengths not within a 12″ increment)
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)

Vantage Lighting LTD. 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.

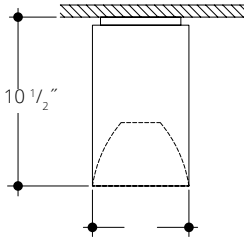
6″X10″ Luxify™ Cylinder

Open LED 3000-6000 Lumens

Luxify™ Performance Cylinders

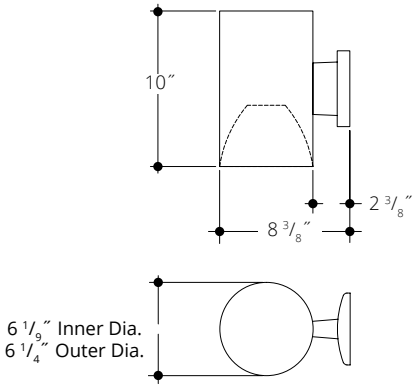
Dimensional Data

VC - CEILING/SURFACE MOUNT



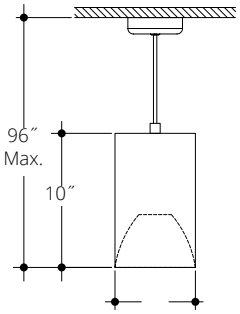
6 1/9″ Inner Dia.
6 1/4″ Outer Dia.

VW - WALL MOUNT



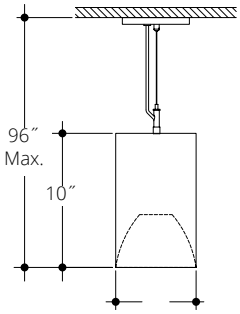
6 1/9″ Inner Dia.
6 1/4″ Outer Dia.

VP - PENDANT MOUNT



6 1/9″ Inner Dia.
6 1/4″ Outer Dia.

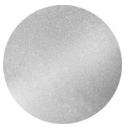
VC WITH CCK-"XX" - CORD & CABLE MOUNT



6 1/9″ Inner Dia.
6 1/4″ Outer Dia.

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

Wide 80° - W6060

Model
610OBLED-6040K-W6060-SCL

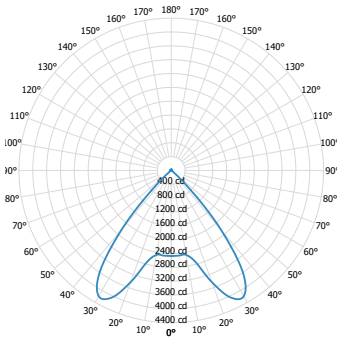
Lumens
6012

Watts
44.37

Efficacy
135.50

SC
1.59

Candela Curve



Cone of Light

Mounting Height AFF	FC at Center on Floor	Beam Diameter
8.0 ft	39 fc	13.6 ft
10.0 ft	25 fc	17.0 ft
12.0 ft	17 fc	20.5 ft
14.0 ft	13 fc	23.9 ft
16.0 ft	10 fc	27.3 ft
20.0 ft	6 fc	34.1 ft
24.0 ft	4 fc	40.9 ft
30.0 ft	3 fc	51.1 ft

Candela Table

	0.00°
0.00°	2472
5.00°	2470
10.00°	2478
15.00°	2750
20.00°	3433
30.00°	4192
40.00°	2228
50.00°	147
60.00°	51
70.00°	32
80.00°	21
90.00°	16

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0° - 30°	2914	48%
0° - 40°	5019	83%
0° - 60°	5807	97%
60° - 90°	87	1%
0° - 20°	1081	18%
20° - 50°	4651	77%
50° - 70°	115	2%
70° - 90°	48	1%
0° - 90°	5894	98%
90° - 180°	118	2%
Total	6012	100%

Spacing Criterion

Height	Spacing	Light Level*
8 ft	12.7 ft	~ 39 fc
10 ft	15.9 ft	~ 25 fc
12 ft	19.1 ft	~ 17 fc
8 ft	9.5 ft	~ 69 fc
10 ft	11.9 ft	~ 44 fc
12 ft	14.3 ft	~ 31 fc
8 ft	6.4 ft	~ 155 fc
10 ft	8.0 ft	~ 99 fc
12 ft	9.5 ft	~ 69 fc

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

MULTIPLIER

CRI	Multiplier	Kelvin	Multiplier	Reflector Finish	Multiplier
80	1	2700K	0.955	SCL	1
90	0.8	3000K	0.965	SGC	0.95
		3500K	0.975	WHT	0.87
		4000K	1		

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VANTAGE LIGHTING

6"X10" Luxify™ Cylinder

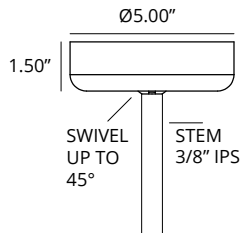
Open LED 3000-6000 Lumens

Luxify™ Performance Cylinders

Canopy Information

VP - With Standard Driver for 3000 Lumens

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

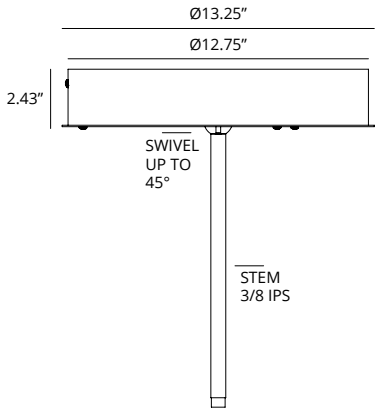


Driver Compatibility

For 3000 Lumens
SDM (standard)
ZDM

VP - With Optional Drivers and Standard Driver above 3000 Lumens

Canopy for larger driver options. Driver located in canopy.



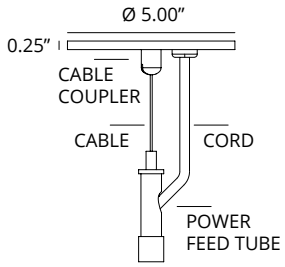
Driver Compatibility

For 3000 - 6000 Lumens
TDM
TDMHL
DTD
DTDHL
DMX
DL-2
DL-3
LDE1
PEQ0

For 5000 - 6000 Lumens
SDM (standard)
ZDMHL

CCK - With Standard Driver for 3000 Lumens

Cord & Cable Mount, fixed canopy (standard)

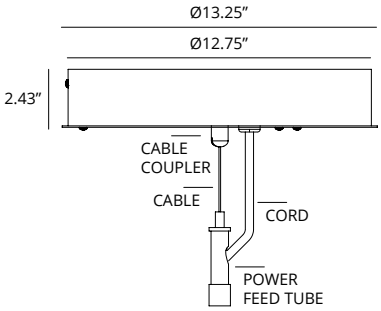


Driver Compatibility

For 3000 Lumens
SDM (standard)
ZDM

CCK - With Optional Drivers and Standard Driver above 3000 Lumens

Cord & Cable Mount, fixed canopy (standard)



Driver Compatibility

For 3000 - 6000 Lumens
TDM
TDMHL
DTD
DTDHL
DMX
DL-2
DL-3
LDE1
PEQ0

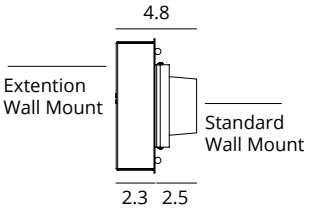
For 4000 - 6000 Lumens
SDM (standard)
ZDMHL

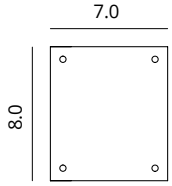
Mounting Options Notes

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

WALL MOUNT EXTENSION and Standard Driver above 3000 Lumens

Wall Mount Extension for larger optional drivers





Driver Compatibility

For 3000 - 6000 Lumens
TDM
TDMHL
DTD
DTDHL
DMX
DL-2
DL-3
LDE1
PEQ0

For 4000 - 6000 Lumens
SDM (standard)
ZDMHL

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