VANTAGE LIGHTING

Luxify™ Performance Cylinders

Part #	**Prepared By**
Project	**Date**
Type	

10″X18″ Luxify™ Cylinder

Regressed Lens LED 5000-12000 Lumens



Features & Construction

ELECTRICAL SYSTEM

- 5000 - 12000 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 with regressed lens
- Lens options include, clear, frosted or prismatic glass or polycarbonate
- Reflectors available in 3 standard finishes
- Distribution is free of streaks, striations and hotspots
- 30° Narrow and 45° Medium distributions

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	W1060 Delivered Lumens	LPW	L1060 Delivered Lumens	LPW
5000	42.94	4983	116.05	4999	116.42
6000	51.53	5980	116.05	5999	116.42
8000	73.8	7973	108.04	7998	108.37
10000	94.2	9966	105.8	9998	106.14
12000	112	11960	106.79	11997	107.12

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

Ordering Information

EXAMPLE: VC1018EBLEDU-4035K-BLK-L1011-SGC-ZDM-P-24

	1018EBLED		-		-		-			-		-	
Mounting Options	**Series**	**Voltage**		**Lumens**	**Kelvin (CCT)**	**Housing Finish**		**Reflector**	**Lens***	**Reflector Finish**	**Driver* Options**	**Additional Options***
VC Ceiling Mount **VP** Pendant Mount **VW*** Wall Mount *wall mount not compatible with 10000 lumens and above	**1018EBLED**	**U** - 120V-277V **1** - 120V **2** - 277V *Must provide voltage when optional drivers are selected.		**50** - 5000 **60** - 6000 **80** - 8000 **100** -10000* **120** - 12000* *Driver In Canopy	**27K** - 2700K **30K** - 3000K **35K** - 3500K **40K** - 4000K	**WHT** White Matte **BLK** Black Matte **BZ** Bronze **CS** Silver **CC** Custom Color		**N101** 30° Narrow **L101** 45° Medium	**1** **1P** **1FR** **4** **4P**	**SCL** Specular Clear **SGC** Soft Glow Clear **WHT** White Matte	**SDM** (standard) **ZDM** **ZDMHL** **DTDHL** **DMX** **DDM** **TDM** **TDMHL**	**HCR** **REM** **REMHL** **DCA** **P-"xx"** **CH34TK** **CCK-"xx"**

*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 (from 6000-10000 lumens)
DTDHL - 0-10V 0.1% dimming driver. (up to 6000 lumens)
DMX - DMX with RDM dimming driver, requires DCA (up to 10,000 Lumens)
DDM - Dali dimming driver (up to 10,000 Lumens)
TDM - Triac (Foward Phase, 120V only) dimming driver. (up to 5000 lumens)
TDMHL - Triac (Foward Phase, 120V only) dimming driver. (from 6000-12000 lumens)

*Lens Options Notes
1 - Clear Glass
1P - Clear Polycarbonate
1FR - Frosted Glass
4 - Prismatic Glass
4P - Prismatic Acrylic

*Additional Options Notes
HCR - High Color Rendering - 90+ CRI
REM - Remote Emergency Battery Backup. Use with PM & SM only. (up to 5000 lumens)
REMHL - Remote Emergency Battery Backup. Use with PM & SM only. (above 5000 lumens)
DCA - DMX Daisy Chain Adaptor. Must be included with DMX option.
P-(XX)" - Specify length of Pendant Mount
CH34TK - Field cut kits for stems, Pendant Mount only. Must be included for specified lengths not in 12" increments
CCK-XX"-Color - Cord and cable mounting kit, 10' length (part number still includes "VC")

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.

10"X18" Luxify™ Cylinder

Regressed Lens LED 5000-12000 Lumens

Luxify™ Performance Cylinders

Photometry

Narrow 30° - N1011

Model
1018EBLED-12040K-W1011-SCL

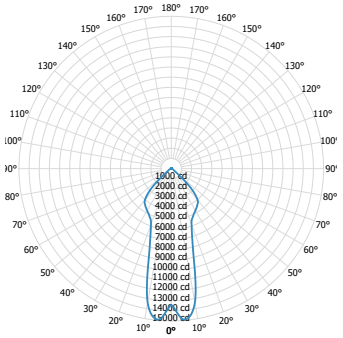
Lumens
11960

Watts
112

Efficacy
106.79

SC
0.58

Candela Curve



Cone of Light

Mounting Height AFF	FC at Center on Floor	Beam Diameter
8.0 ft	210 fc	4.8 ft
10.0 ft	134 fc	6.0 ft
12.0 ft	93 fc	7.2 ft
14.0 ft	69 fc	8.4 ft
16.0 ft	52 fc	9.6 ft
20.0 ft	34 fc	12.0 ft
24.0 ft	23 fc	14.4 ft
30.0 ft	15 fc	18.0 ft

Candela Table

	0.00°
0.00°	13431
5.00°	14924
10.00°	13397
15.00°	8288
20.00°	5843
30.00°	4762
40.00°	4030
50.00°	975
60.00°	273
70.00°	146
80.00°	37
90.00°	34

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0° - 30°	6179	52%
0° - 40°	8941	75%
0° - 60°	11401	95%
60° - 90°	322	3%
0° - 20°	3792	32%
20° - 50°	7156	60%
50° - 70°	667	6%
70° - 90°	108	1%
0° - 90°	11723	98%
90° - 180°	236	2%
Total	11960	100%

Spacing Criterion

Height	Spacing	Light Level*
8 ft	4.6 ft	~ 210 fc
10 ft	5.8 ft	~ 134 fc
12 ft	7.0 ft	~ 93 fc
8 ft	3.5 ft	~ 373 fc
10 ft	4.3 ft	~ 239 fc
12 ft	5.2 ft	~ 166 fc
8 ft	2.3 ft	~ 839 fc
10 ft	2.9 ft	~ 537 fc
12 ft	3.5 ft	~ 373 fc

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

Medium 45° - L1011

Model
1018EBLED-12040K-L1011-SCL

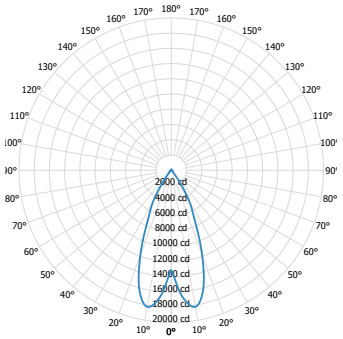
Lumens
11997

Watts
112

Efficacy
107.12

SC
0.87

Candela Curve



Cone of Light

Mounting Height AFF	FC at Center on Floor	Beam Diameter
8.0 ft	205 fc	6.8 ft
10.0 ft	131 fc	8.5 ft
12.0 ft	91 fc	10.2 ft
14.0 ft	67 fc	11.9 ft
16.0 ft	51 fc	13.6 ft
20.0 ft	33 fc	17.0 ft
24.0 ft	23 fc	20.4 ft
30.0 ft	15 fc	25.5 ft

Candela Table

	0.00°
0.00°	13134
5.00°	16670
10.00°	18213
15.00°	16201
20.00°	11854
30.00°	4801
40.00°	492
50.00°	289
60.00°	262
70.00°	143
80.00°	41
90.00°	39

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0° - 30°	9491	79%
0° - 40°	10873	91%
0° - 60°	11406	95%
60° - 90°	323	3%
0° - 20°	6018	50%
20° - 50°	5148	43%
50° - 70°	445	4%
70° - 90°	119	1%
0° - 90°	11729	98%
90° - 180°	268	2%
Total	11997	100%

Spacing Criterion

Height	Spacing	Light Level*
8 ft	7.0 ft	~ 205 fc
10 ft	8.7 ft	~ 131 fc
12 ft	10.4 ft	~ 91 fc
8 ft	5.2 ft	~ 365 fc
10 ft	6.5 ft	~ 233 fc
12 ft	7.8 ft	~ 162 fc
8 ft	3.5 ft	~ 821 fc
10 ft	4.3 ft	~ 525 fc
12 ft	5.2 ft	~ 365 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		

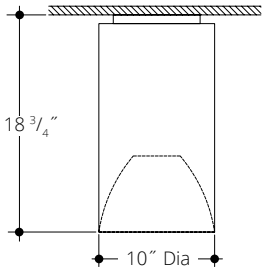
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10″X18″ Luxify™ Cylinder

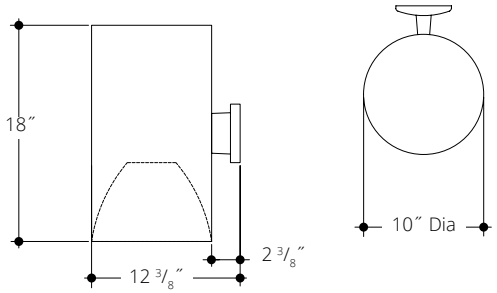
Regressed Lens LED 5000-12000 Lumens

Dimensional Data

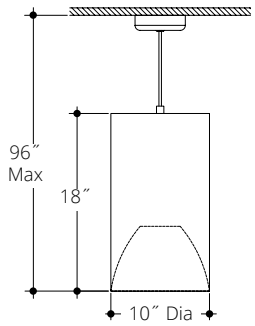
VC - CEILING/SURFACE MOUNT



VW - WALL MOUNT



VP - PENDANT MOUNT



Housing Finishes



WHT
WHITE MATTE

CS
SILVER

BLK
BLACK MATTE

BZ
BRONZE

Reflector Finishes

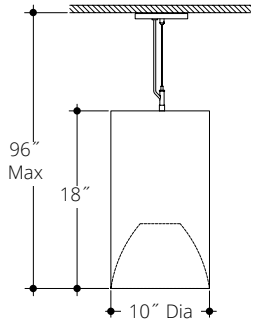


SCL
SPECULAR CLEAR

SGC
SOFT GLOW CLEAR

WHT
WHITE MATTE

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



10"X18" Luxify™ Cylinder

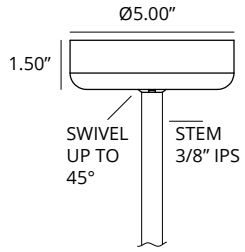
Regressed Lens LED 5000-12000 Lumens

Luxify™ Performance Cylinders

Canopy Information

VP - For Standard Driver Up to 10000 Lumens (driver in Cylinder)

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

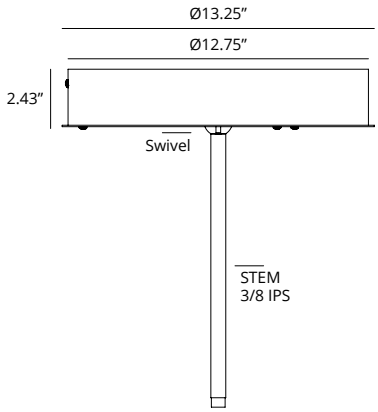


Driver Compatibility

For 5000 - 8000 Lumens
SDM (standard)
ZDM
ZDMHL

VP - For All Optional Drivers and Standard Driver over 8000 lumens

Canopy for larger driver options. Driver located in canopy.



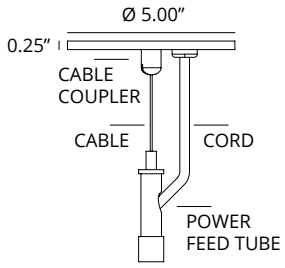
Driver Compatibility

For 5000 - 12000 Lumens
TDM
TDMHL
DMX
DTD
DTDHL

For 10000 - 12000 Lumens
SDM (standard)
ZDM

CCK - For Standard Driver Up to 8000 Lumens (driver in Cylinder)

Cord & Cable Mount, fixed canopy (standard)

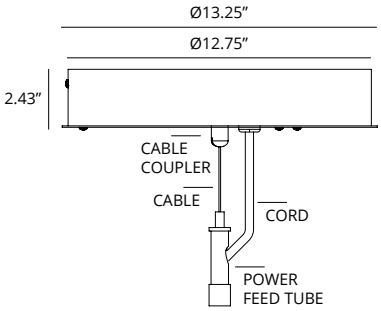


Driver Compatibility

For 5000 - 8000 Lumens
SDM (standard)
ZDM
ZDMHL

CCK - For All Optional Drivers and Standard Driver over 8000 lumens

Cord & Cable Mount, fixed canopy (standard)



Driver Compatibility

For 5000 - 12000 Lumens
TDM
TDMHL
DMX
DTD
DTDHL

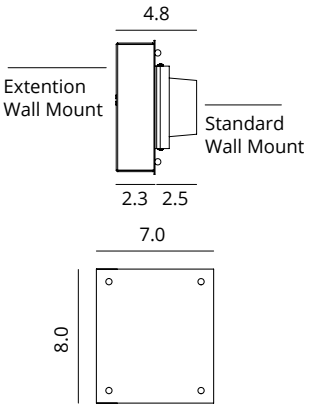
For 10000 - 12000 Lumens
SDM (standard)
ZDM

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*
For All Optional Drivers over 5000 lumens

Wall Mount Extension for larger optional drivers



Driver Compatibility

For 5000 - 8000 Lumens
TDM
TDMHL
DTD
DTDHL

*wall mount not compatible with 10000 lumens

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