

Part #	Prepared By
Project	Date
Type	

6"X10" Luxify™ Cylinder

Regressed Lens 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 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
- 60° Medium 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.
- 3 mounting solutions, Ceiling/Surface, Wall 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	Wattage	Delivered Lumens	LPW
3000	24.86	3004	120.84
4000	33.15	4005	120.81
5000	41.44	5007	120.83
6000	49.72	6008	120.84

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

Ordering Information

EXAMPLE: VC610EBLEDU-3035K-BLK-L6011-SGC-ZDM-P-24

Mounting Options	Series	Voltage	Lumens	Kelvin (CCT)	Housing Finish	Reflector	Lens*	Reflector Finish	Driver* Options	Additional Options*
VC Ceiling Mount	610EBLED	U - 120V-277V 1 - 120V 2 - 277V	30 - 3000 40 - 4000 50 - 5000* 60 - 6000*	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	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	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 (Forward Phase, 120V only) dimming driver. (up to 5000 lumens)
TDMHL - Triac (Forward 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)

*Lens Options Notes

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

*Additional Options Notes

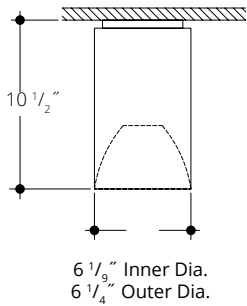
HCR - High CRI, 90+ minimum
REM - Remote Battery Backup W/remote Test Button And Indicator Light
P-"XX" - Specify length of Pendant Mount (if specified pendant length is not within 12" increments, a CH34TK is required)
DCA - DMX Daisy Chain Adaptor. Must be included with DMX option.
CH34TK - Field Cut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

6"X10" Luxify™ Cylinder

Regressed Lens LED 3000-6000 Lumens

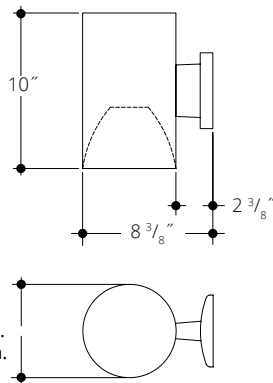
Dimensional Data

VC - CEILING/SURFACE MOUNT



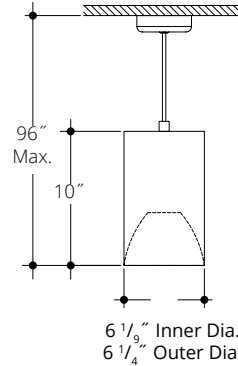
6 1/9" Inner Dia.
6 1/4" Outer Dia.

VW - WALL MOUNT



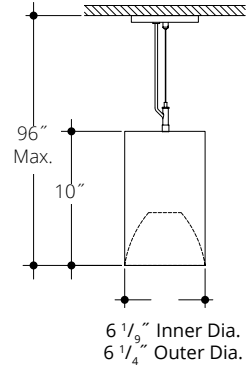
6 1/9" Inner Dia.
6 1/4" Outer Dia.

VP - PENDANT MOUNT



6 1/9" Inner Dia.
6 1/4" Outer Dia.

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

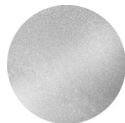


6 1/9" Inner Dia.
6 1/4" Outer Dia.

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

Medium 60° - L6011

Model
610EBLED-6040K-L6011-SCL

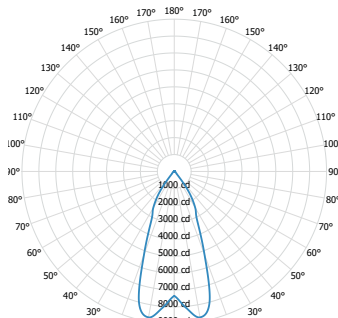
Lumens
6008

Watts
49.72

Efficacy
120.84

SC
0.79

Candela Curve



Cone of Light

Mounting Height AFF	FC at Center on Floor	Beam Diameter
8.0 ft	115 fc	6.5 ft
10.0 ft	74 fc	8.1 ft
12.0 ft	51 fc	9.8 ft
14.0 ft	38 fc	11.4 ft
16.0 ft	29 fc	13.0 ft
20.0 ft	18 fc	16.3 ft
24.0 ft	13 fc	19.5 ft
30.0 ft	8 fc	24.4 ft

Candela Table

	0.00°
0.00°	7352
5.00°	8096
10.00°	8756
15.00°	8042
20.00°	5227
30.00°	2478
40.00°	535
50.00°	156
60.00°	103
70.00°	74
80.00°	20
90.00°	18

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0° - 30°	4469	74%
0° - 40°	5402	90%
0° - 60°	5715	95%
60° - 90°	166	3%
0° - 20°	2895	48%
20° - 50°	2710	45%
50° - 70°	202	3%
70° - 90°	75	1%
0° - 90°	5881	98%
90° - 180°	127	2%
Total	6008	100%

Spacing Criterion

Height	Spacing	Light Level*
8 ft	6.3 ft	~ 115 fc
10 ft	7.9 ft	~ 74 fc
12 ft	9.5 ft	~ 51 fc
8 ft	4.7 ft	~ 204 fc
10 ft	5.9 ft	~ 131 fc
12 ft	7.1 ft	~ 91 fc
8 ft	3.2 ft	~ 460 fc
10 ft	4.0 ft	~ 294 fc
12 ft	4.7 ft	~ 204 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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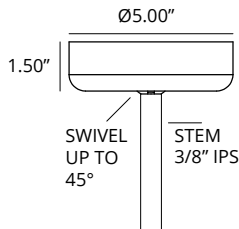
Regressed Lens LED 3000-6000 Lumens



Canopy Information

VP - With Standard Driver for 3000 Lumens

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

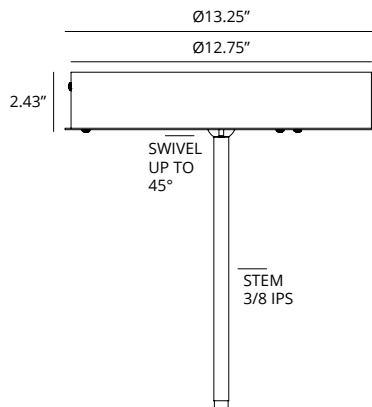


Driver Compatibility

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.



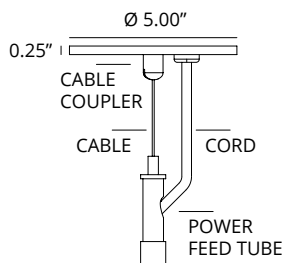
Driver Compatibility

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)

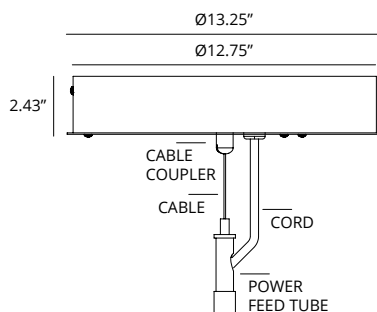


Driver Compatibility

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
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DL-2
DL-3
LDE1
PEQ0

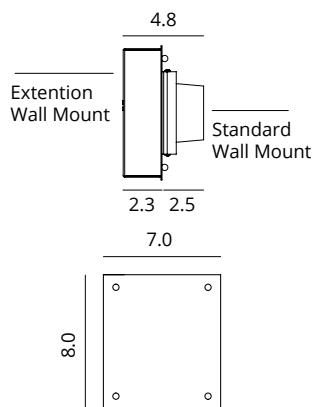
For 4000 - 6000 Lumens
SDM (standard)
ZDMHL

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

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