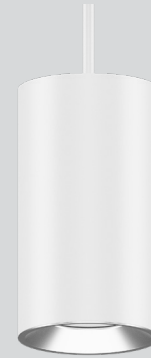


Part #	Prepared By
Project	Date
Type	

8"X14" Luxify™ Cylinder

Regressed Lens LED 4000-8000 Lumens



Features & Construction

ELECTRICAL SYSTEM

- 4000 - 8000 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
- 40° 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.
- 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	Wattage	Delivered Lumens	LPW
4000	44.48	4001	89.95
5000	55.6	5001	89.95
6000	66.2	6002	90.66
8000	73.63	8002	108.68

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

Ordering Information

EXAMPLE: VC814EBLEDU-4035K-BLK-L8011-SGC-ZDM-P-24

Mounting Options	Series	Voltage	Lumens	Kelvin (CCT)	Housing Finish	Reflector	Lens*	Reflector Finish	Driver* Options	Additional Options*
VC Ceiling Mount	814EBLED	U - 120V-277V 1 - 120V 2 - 277V	40 - 4000 50 - 5000 60 - 6000* 80 - 8000*	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	WHT White Matte BLK Black Matte BZ Bronze CS Silver CC Custom Color	L801 40° 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 LDE1 PEQ0	HCR REM 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 6000-8000 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

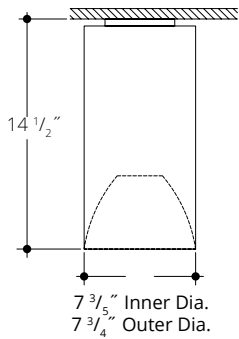
HCR - High CRI, 90+ minimum
REM - Remote Battery Backup W/remotest Test Button And Indicator Light
P-"XX" - Specify length of Pendant Mount (if specified pendant length is not within 12" increments, a CH34TK is required)
DCA - DMX Daisy Chain Adaptor. Must be included with DMX option.
CH34TK - Field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

8"X14" Luxify™ Cylinder

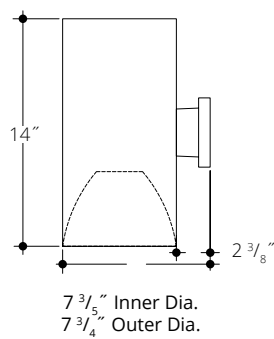
Regressed Lens LED 4000-8000 Lumens

Dimensional Data

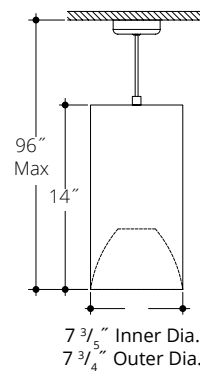
VC - CEILING/SURFACE MOUNT



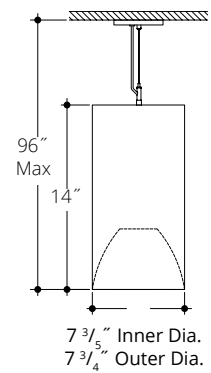
VW - WALL MOUNT



VP - PENDANT MOUNT



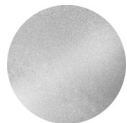
VC WITH CCK-"XX" - CORD & CABLE MOUNT



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 40° - L8011

Model

814EBLED-8040K-L8011-SCL

Lumens

8002

Watts

73.63

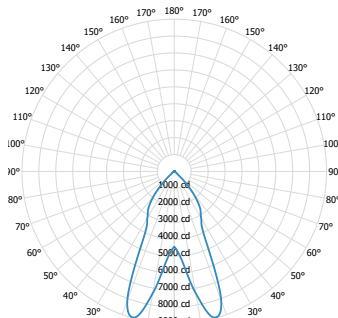
Efficacy

108.68

SC

1.11

Candela Curve



Cone of Light

Mounting Height AFF	FC at Center on Floor	Beam Diameter
8.0 ft	69 fc	7.3 ft
10.0 ft	44 fc	9.2 ft
12.0 ft	31 fc	11.0 ft
14.0 ft	23 fc	12.9 ft
16.0 ft	17 fc	14.7 ft
20.0 ft	11 fc	18.4 ft
24.0 ft	8 fc	22.0 ft
30.0 ft	5 fc	27.6 ft

Candela Table

	0.00°
0.00°	4447
5.00°	5298
10.00°	7302
15.00°	8925
20.00°	8107
30.00°	3179
40.00°	1876
50.00°	245
60.00°	139
70.00°	67
80.00°	22
90.00°	20

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0° - 30°	5169	65%
0° - 40°	6774	85%
0° - 60°	7685	96%
60° - 90°	167	2%
0° - 20°	3001	38%
20° - 50°	4521	56%
50° - 70°	256	3%
70° - 90°	74	1%
0° - 90°	7852	98%
90° - 180°	150	2%
Total	8002	100%

Spacing Criterion

Height	Spacing	Light Level*
8 ft	8.9 ft	~ 69 fc
10 ft	11.1 ft	~ 44 fc
12 ft	13.3 ft	~ 31 fc
8 ft	6.7 ft	~ 124 fc
10 ft	8.3 ft	~ 79 fc
12 ft	10.0 ft	~ 55 fc
8 ft	4.4 ft	~ 278 fc
10 ft	5.6 ft	~ 178 fc
12 ft	6.7 ft	~ 124 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		

8"X14" Luxify™ Cylinder

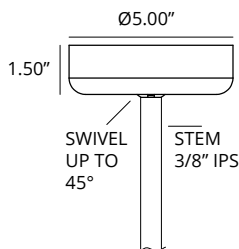
Regressed Lens LED 4000-8000 Lumens



Canopy Information

VP - With Standard Driver up to 5000 Lumens

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

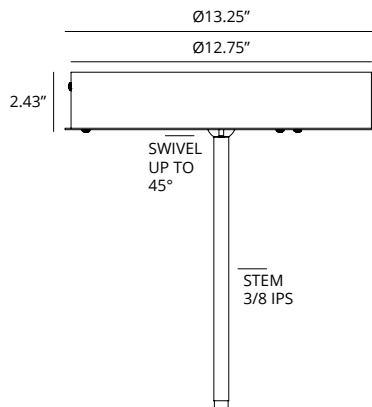


Driver Compatibility

For 4000 - 5000 Lumens
SDM (standard)
ZDM

VP - With Optional Drivers and Standard Driver above 5000 Lumens

Canopy for larger driver options. Driver located in canopy.



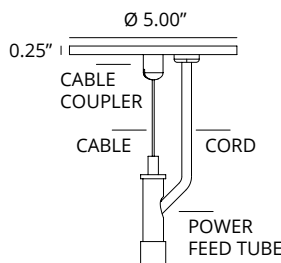
Driver Compatibility

For 4000 - 8000 Lumens
TDM
TDMHL
DTD
DTDHL
DMX
DL-2
DL-3
LDE1
PEQO

For 6000 - 8000 Lumens
SDM (standard)
ZDMHL

CCK - With Standard Driver up to 5000 Lumens

Cord & Cable Mount, fixed canopy (standard)

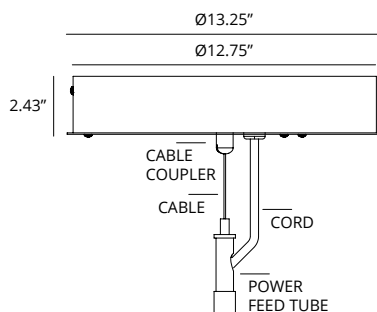


Driver Compatibility

For 4000 - 5000 Lumens
SDM (standard)
ZDM

CCK - With Optional Drivers and Standard Driver above 5000 Lumens

Cord & Cable Mount, fixed canopy (standard)



Driver Compatibility

For 4000 - 8000 Lumens
TDM
TDMHL
DTD
DTDHL
DMX
DL-2
DL-3
LDE1
PEQO

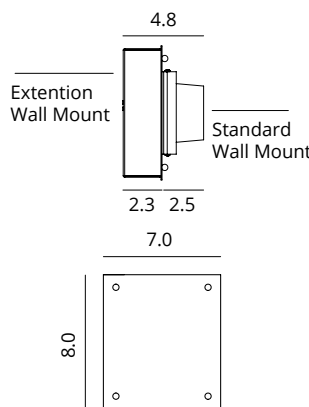
For 6000 - 8000 Lumens
SDM (standard)
ZDMHL

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 5000 Lumens

Wall Mount Extension for larger optional drivers



Driver Compatibility

For 4000 - 8000 Lumens
TDM
TDMHL
DTD
DTDHL
DMX
DL-2
DL-3
LDE1
PEQO

For 6000 Lumens
SDM (standard)
ZDMHL