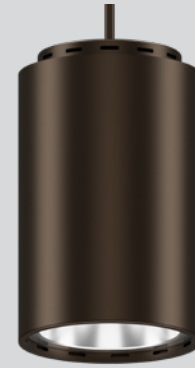


Part #	Prepared By
Project	Date
Type	

12"X20" Luxify™ Cylinder

Regressed Lens LED 5000-17500 Lumens



Features & Construction

ELECTRICAL SYSTEM

- 5000 - 17500 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
- 25° Narrow and 50° 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 performed by an accredited NVLP facility and in accordance to IESNA LM-79-2008 testing procedures

Lumens*

Nominal Lumens	Wattage	L1211 Delivered Lumens	LPW	W1211 Delivered Lumens	LPW
5000	39.55	4958	125.36	5007	126.6
6000	47.46	5950	125.37	6009	126.61
8000	79.20	7934	100.18	8012	101.16
10000	97.60	9917	101.61	10017	102.63
12000	112.00	11900	106.25	12020	107.32
15000	118.00	14875	118.76	15025	119.96
17500	163.77	17355	105.97	17530	107.04

Measured at 4000K with a standard medium and wide distribution.

*Actual Wattage/Lumens may vary.

Ordering Information

EXAMPLE: VC1220EBLEDU-4035K-BLK-L1211-SGC-ZDM-P-24

Mounting Options	Series	Voltage	Lumens	Kelvin (CCT)	Housing Finish	Reflector	Lens*	Reflector Finish	Driver* Options	Additional Options*
VC Ceiling Mount	1220EBLED	U - 120V-277V 1 - 120V 2 - 277V	30 - 3000	27K - 2700K	WHT White Matte	N121 25° Narrow	1	SCL Specular Clear	SDM (standard)	HCR
VP Pendant Mount			40 - 4000	30K - 3000K	BLK Black Matte	M121 50° Medium	1P	SGC Soft Glow Clear	ZDM	REM
VW* Wall Mount			50 - 5000	35K - 3500K	BZ Bronze		1FR		ZDMHL	REMHL
			60 - 6000	40K - 4000K	CS Silver		4	WHT White Matte	DTDHL	DCA
			80 - 8000		CC Custom Color		4P		DMX	P-"xx"
			100 - 10000						DDM	CH34TK
			120 - 12000						TDM	CH34TK
			150 - 15000						TDMHL	CCK-"xx"
			175 - 17500*							

*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 (Forward Phase, 120V only) dimming driver. (up to 5000 lumens)
 TDMHL - Triac (Forward 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-"XXY" - 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")

12"X20" Luxify™ Cylinder

Regressed Lens LED 5000-17500 Lumens



Photometry

Narrow 25° - N1211

Model
1220EBLED-17540K-L1211-SCL

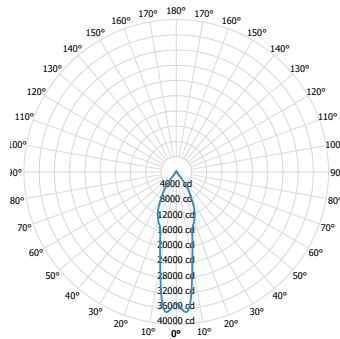
Lumens
17355

Watts
163.77

Efficacy
105.97

SC
0.47

Candela Curve



Cone of Light

Mounting Height AFF	FC at Center on Floor	Beam Diameter
8.0 ft	538 fc	3.9 ft
10.0 ft	344 fc	4.9 ft
12.0 ft	239 fc	5.9 ft
14.0 ft	176 fc	6.9 ft
16.0 ft	134 fc	7.8 ft
20.0 ft	86 fc	9.8 ft
24.0 ft	60 fc	11.8 ft
30.0 ft	38 fc	14.7 ft

Candela Table

	0.00°
0.00°	34420
5.00°	36423
10.00°	24291
15.00°	16203
20.00°	13778
30.00°	7804
40.00°	1004
50.00°	421
60.00°	427
70.00°	215
80.00°	49
90.00°	48

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0° - 30°	12852	74%
0° - 40°	15691	90%
0° - 60°	16522	95%
60° - 90°	505	3%
0° - 20°	7848	45%
20° - 50°	8310	48%
50° - 70°	712	4%
70° - 90°	156	1%
0° - 90°	17027	98%
90° - 180°	327	2%
Total	17355	100%

Spacing Criterion

Height	Spacing	Light Level*
8 ft	3.8 ft	~ 538 fc
10 ft	4.7 ft	~ 344 fc
12 ft	5.6 ft	~ 239 fc
8 ft	2.8 ft	~ 956 fc
10 ft	3.5 ft	~ 612 fc
12 ft	4.2 ft	~ 425 fc
8 ft	1.9 ft	~ 2151 fc
10 ft	2.3 ft	~ 1377 fc
12 ft	2.8 ft	~ 956 fc

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

Medium 50° - M1211

Model
1220EBLED-17540K-W1211-SCL

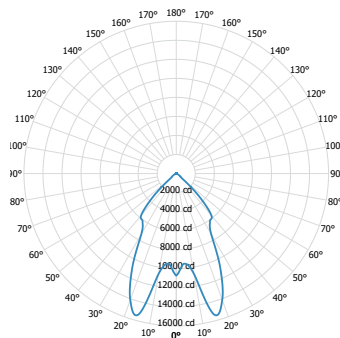
Lumens
17530

Watts
163.77

Efficacy
107.04

SC
1.11

Candela Curve



Cone of Light

Mounting Height AFF	FC at Center on Floor	Beam Diameter
8.0 ft	167 fc	9.1 ft
10.0 ft	107 fc	11.3 ft
12.0 ft	74 fc	13.6 ft
14.0 ft	55 fc	15.9 ft
16.0 ft	42 fc	18.1 ft
20.0 ft	27 fc	22.7 ft
24.0 ft	19 fc	27.2 ft
30.0 ft	12 fc	34.0 ft

Candela Table

	0.00°
0.00°	10710
5.00°	9509
10.00°	10707
15.00°	15323
20.00°	14124
30.00°	7334
40.00°	5737
50.00°	856
60.00°	312
70.00°	154
80.00°	45
90.00°	44

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0° - 30°	9899	56%
0° - 40°	13854	79%
0° - 60°	16880	96%
60° - 90°	343	2%
0° - 20°	5035	29%
20° - 50°	11343	65%
50° - 70°	715	4%
70° - 90°	130	1%
0° - 90°	17223	98%
90° - 180°	307	2%
Total	17530	100%

Spacing Criterion

Height	Spacing	Light Level*
8 ft	8.9 ft	~ 167 fc
10 ft	11.1 ft	~ 107 fc
12 ft	13.3 ft	~ 74 fc
8 ft	6.7 ft	~ 298 fc
10 ft	8.3 ft	~ 190 fc
12 ft	10.0 ft	~ 132 fc
8 ft	4.4 ft	~ 669 fc
10 ft	5.6 ft	~ 428 fc
12 ft	6.7 ft	~ 298 fc

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

MULTIPLIER

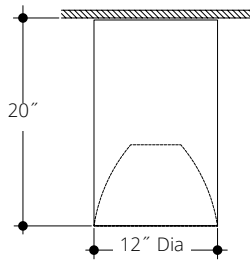
CRI	Multiplier	Kelvin	Multiplier	Reflector Finish	Multiplier
80	1	2700K	0.955	SCL	1
90	0.8	3000K	0.965	SGC	0.95
		3500K	0.975	WHT	0.87
		4000K	1		

12"X20" Luxify™ Cylinder

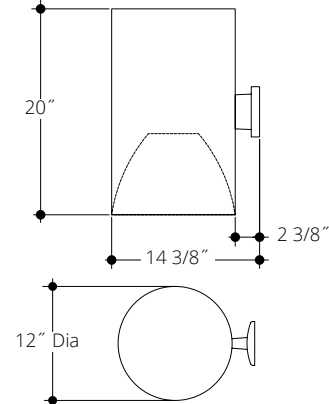
Regressed Lens LED 5000-17500 Lumens

Dimensional Data

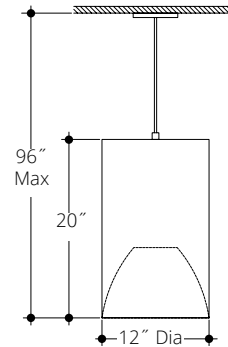
VC - CEILING MOUNT



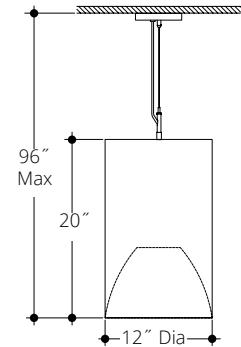
VW - WALL MOUNT



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

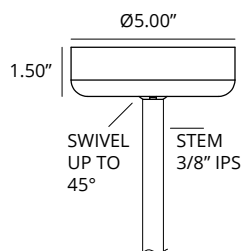
12"X20" Luxify™ Cylinder

Regressed Lens LED 5000-17500 Lumens



VP - For Standard Driver Up to 15000 Lumens (driver in Cylinder)

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

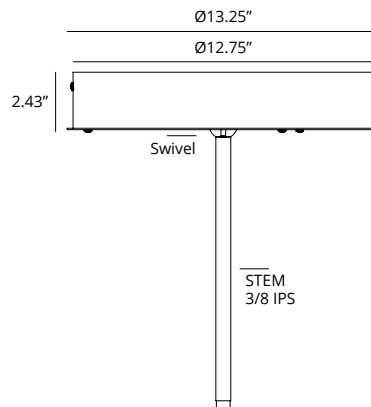


Driver Compatibility

For 5000 - 15000 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.



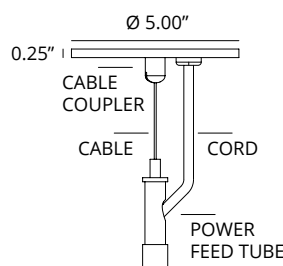
Driver Compatibility

For 5000 - 17500 Lumens
TDM
TDMHL
DMX
DTD
DTDHL

For 10000 - 15000 Lumens
SDM (standard)
ZDMHL

CCK - For Standard Driver Up to 15000 Lumens (driver in Cylinder)

Cord & Cable Mount, fixed canopy (standard)

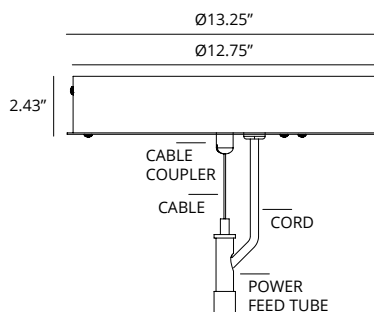


Driver Compatibility

For 5000 - 15000 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 - 17500 Lumens
TDM
TDMHL
DMX
DTD
DTDHL

For 17500 Lumens
SDM (standard)
ZDMHL

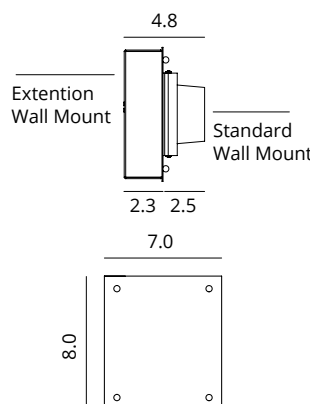
Mounting Options Notes

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*

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