

Part #	Prepared By
Project	Date
Type	

12"X20" Luxify™ Cylinder

Open LED 5000-20000 Lumens



Features & Construction

ELECTRICAL SYSTEM

- 5000 - 20000 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
- 70° Medium and 90° Wide 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	L1260 Delivered Lumens	LPW	W1260 Delivered Lumens	LPW
5000	43.00	4987	115.98	4999	116.23
6000	51.60	5985	115.99	5999	116.26
8000	67.30	7979	118.56	7999	118.86
10000	85.00	9977	117.38	9988	117.51
12000	102.00	11972	117.37	11986	117.51
15000	112.00	14965	133.62	14982	133.77
17500	159.74	17476	109.40	17519	109.67
20000	162.77	19973	122.71	20021	123.00

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

*Actual Wattage/Lumens may vary.

Ordering Information

EXAMPLE: VC1220OBLEDU-5035K-WHT-L1260-SGC-ZDM-P-24

Mounting Options	Series	Voltage	Lumens	Kelvin (CCT)	Housing Finish	Reflector	Reflector Finish	Driver* Options	Additional Options*
VC Ceiling Mount	1220OBLED	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	L1260 70° Medium W1260 90° Wide	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"
VP Pendant Mount		*Must provide voltage when optional drivers are selected.	100 - 10000 120 - 12000 150 - 15000 175 - 17500* 200 - 20000*						
VW Wall Mount				*Driver In Canopy					

*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)

*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")

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Photometry

Medium 70° - L1260

Model
1220OBLED-20040K-L1260-SCL

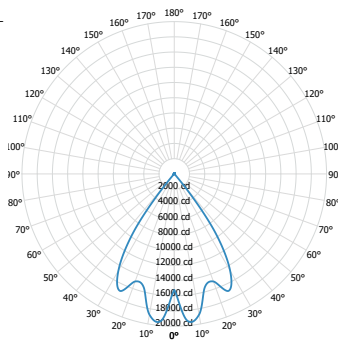
Lumens
19973

Watts
162.77

Efficacy
122.71

SC
1.25

Candela Curve



Cone of Light

Mounting Height AFF	FC at Center on Floor	Beam Diameter
8.0 ft	238 fc	11.1 ft
10.0 ft	153 fc	13.9 ft
12.0 ft	106 fc	16.6 ft
14.0 ft	78 fc	19.4 ft
16.0 ft	60 fc	22.2 ft
20.0 ft	38 fc	27.7 ft
24.0 ft	26 fc	33.3 ft
30.0 ft	17 fc	41.6 ft

Candela Table

	0.00°
0.00°	15256
5.00°	19319
10.00°	18765
15.00°	15453
20.00°	15034
30.00°	14671
40.00°	1445
50.00°	144
60.00°	86
70.00°	66
80.00°	54
90.00°	49

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0° - 30°	13744	69%
0° - 40°	18951	95%
0° - 60°	19426	97%
60° - 90°	191	1%
0° - 20°	6402	32%
20° - 50°	12926	65%
50° - 70°	171	1%
70° - 90°	119	1%
0° - 90°	19617	98%
90° - 180°	356	2%
Total	19973	100%

Spacing Criterion

Height	Spacing	Light Level*
8 ft	10.0 ft	~ 238 fc
10 ft	12.5 ft	~ 153 fc
12 ft	15.0 ft	~ 106 fc
8 ft	7.5 ft	~ 424 fc
10 ft	9.4 ft	~ 271 fc
12 ft	11.3 ft	~ 188 fc
8 ft	5.0 ft	~ 954 fc
10 ft	6.3 ft	~ 610 fc
12 ft	7.5 ft	~ 424 fc

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

Medium 90° - W1260

Model
1220OBLED-20040K-W1260-SCL

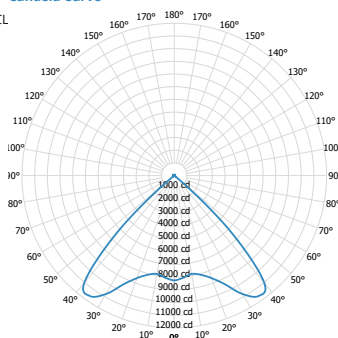
Lumens
20021

Watts
162.77

Efficacy
123.00

SC
1.75

Candela Curve



Cone of Light

Mounting Height AFF	FC at Center on Floor	Beam Diameter
8.0 ft	129 fc	16.3 ft
10.0 ft	83 fc	20.4 ft
12.0 ft	57 fc	24.5 ft
14.0 ft	42 fc	28.6 ft
16.0 ft	32 fc	32.6 ft
20.0 ft	21 fc	40.8 ft
24.0 ft	14 fc	49.0 ft
30.0 ft	9 fc	61.2 ft

Candela Table

	0.00°
0.00°	8267
5.00°	8087
10.00°	7873
15.00°	8099
20.00°	8601
30.00°	10783
40.00°	11023
50.00°	624
60.00°	98
70.00°	63
80.00°	55
90.00°	49

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0° - 30°	7614	38%
0° - 40°	14677	73%
0° - 60°	19475	97%
60° - 90°	197	1%
0° - 20°	3140	16%
20° - 50°	16113	80%
50° - 70°	300	1%
70° - 90°	119	1%
0° - 90°	19672	98%
90° - 180°	349	2%
Total	20021	100%

Spacing Criterion

Height	Spacing	Light Level*
8 ft	14.0 ft	~ 129 fc
10 ft	17.5 ft	~ 83 fc
12 ft	21.0 ft	~ 57 fc
8 ft	10.5 ft	~ 230 fc
10 ft	13.1 ft	~ 147 fc
12 ft	15.8 ft	~ 102 fc
8 ft	7.0 ft	~ 517 fc
10 ft	8.8 ft	~ 331 fc
12 ft	10.5 ft	~ 230 fc

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

MULTIPLIER

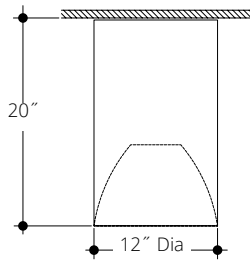
CRI	Multiplier	Kelvin	Multiplier	Reflector Finish	Multiplier
80	1	2700K	0.955	SCL	1
90	0.8	3000K	0.965	SGC	0.95
		3500K	0.975	WHT	0.87
		4000K	1		

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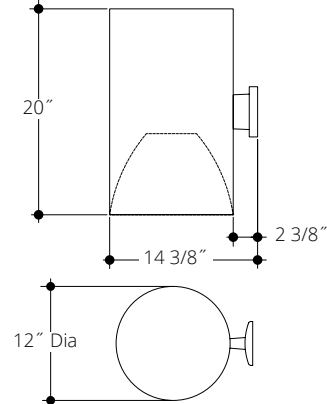
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Dimensional Data

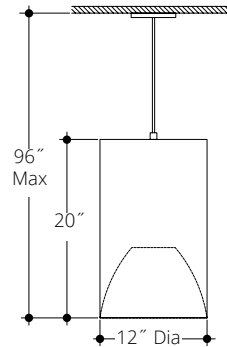
VC - CEILING MOUNT



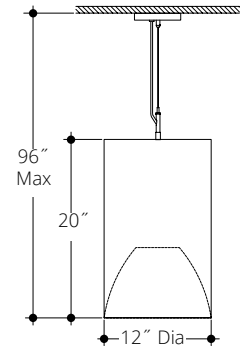
VW - WALL MOUNT



VP - PENDANT MOUNT



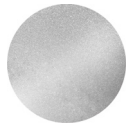
VC WITH CCK-"XX" - CORD & CABLE MOUNT



Housing Finishes



WHT
WHITE MATTE



CS
SILVER



BLK
BLACK MATTE



BZ
BRONZE

Reflector Finishes



SCL
SPECULAR CLEAR



SGC
SOFT GLOW CLEAR



WHT
WHITE MATTE

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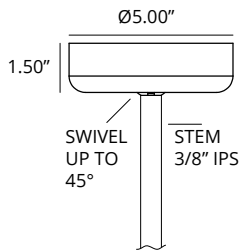
Open LED 5000-20000 Lumens



Canopy Information

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

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

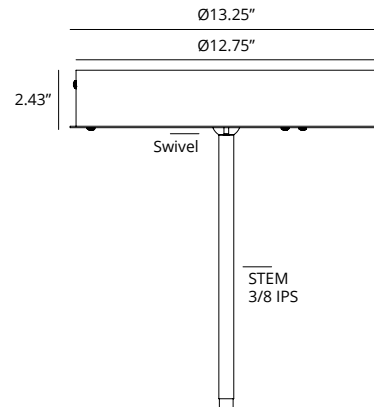


Driver Compatibility

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.



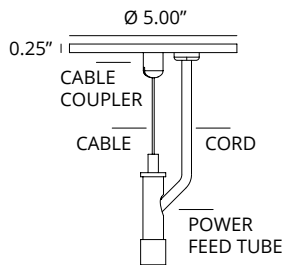
Driver Compatibility

For 5000 - 20000 Lumens
TDM
TDMHL
DMX
DTD
DTDHL

For 17500 - 20000 Lumens
SDM (standard)
ZDMHL

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

Cord & Cable Mount, fixed canopy (standard)

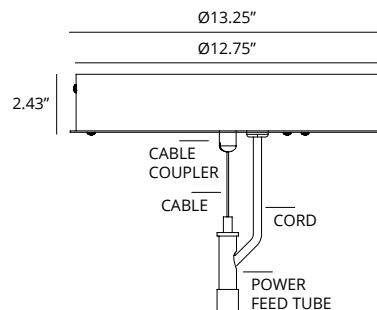


Driver Compatibility

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 - 20000 Lumens
TDM
TDMHL
DMX
DTD
DTDHL

For 17500 - 20000 Lumens
SDM (standard)
ZDMHL

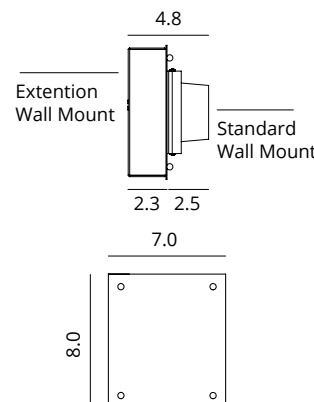
Mounting Options Notes

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