

Part #	Prepared By
Project	Notes
Type	
Date	



10"x12" LED Commercial Cylinder

LED Open, 1100-2000 Lumens



Description

Fortimo LED DLM Flex Systems

New Fortimo LED Downlight Module (DLM) system now provide the latest advances, including 1% dimming and high quality LED options to satisfy both functional and performance requirements along with excellent energy efficiency and color consistency. For practical and general lighting applications, the Fortimo LED DLM is an excellent solution. Its direct white mid-power LED technology combines high light quality and energy efficiency levels of 100 Lm/W, offering superior price/performance long with low maintenance costs and a long lifetime of 50,000 hours. Three lumen packages are available: 1100, 1500, 2000 lumens with color temperatures of 2700K,3000K, 3500K, 4000K or 5000K

Specifications and Features

Benefits

- High energy efficiency system up to 107 lm/W.
- Range of lumen packages from 1100-2000 lm.
- High quality of light with CRI 80 and 3 SDCM color consistency.
- Philips 0-10V dimming to 1% of lumen output. Input volts 120-277V.
- Minumum 50,000 hours of life at L70 standard.

Cylinder

Housing is .064" thick spun aluminum cylinder. Polyester powdercoat exterior finish with factory standard colors White (WHT), Black (BLK), Silver (CS).
VC Mounting - Ceiling mount over recessed octagonal 4" junction box (by others).
VP Mounting - Pendant mount with 3/8" IP x 12" long rigid stem and swivel canopy for mounting on sloped ceilings up to 45°. 2' and 3' length stems also available.
CCK Cord and Cable Mounting kits available, standard length 72". Provided with 5 conductor cord to support 0-10V dimming.

Listings

- ETL certified to UL 1598 and UL8750 requirements
- Tested according to LM-79 and LM-80 standards
- Suitable for damp locations; Wet location under covered ceiling
- Buy American Act (BAA)

Warranty

- 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
- Insulation cannot be in direct contact with luminaire

Ordering Information

EXAMPLE: VP1012FCR1-2030K-WHT

Mounting	Series	Voltage*	Lumens	Kelvin	Color	Options*
VC VP	1012FCR	1 - 120 V 2 - 277V	11 -1100 15 - 1500 20 - 2000	27K -2700K 30K - 3000K 35K - 3500K 40K - 4000K 50K - 5000K	WHT BLK CS	CCK-72 P24 P36 REM

Options

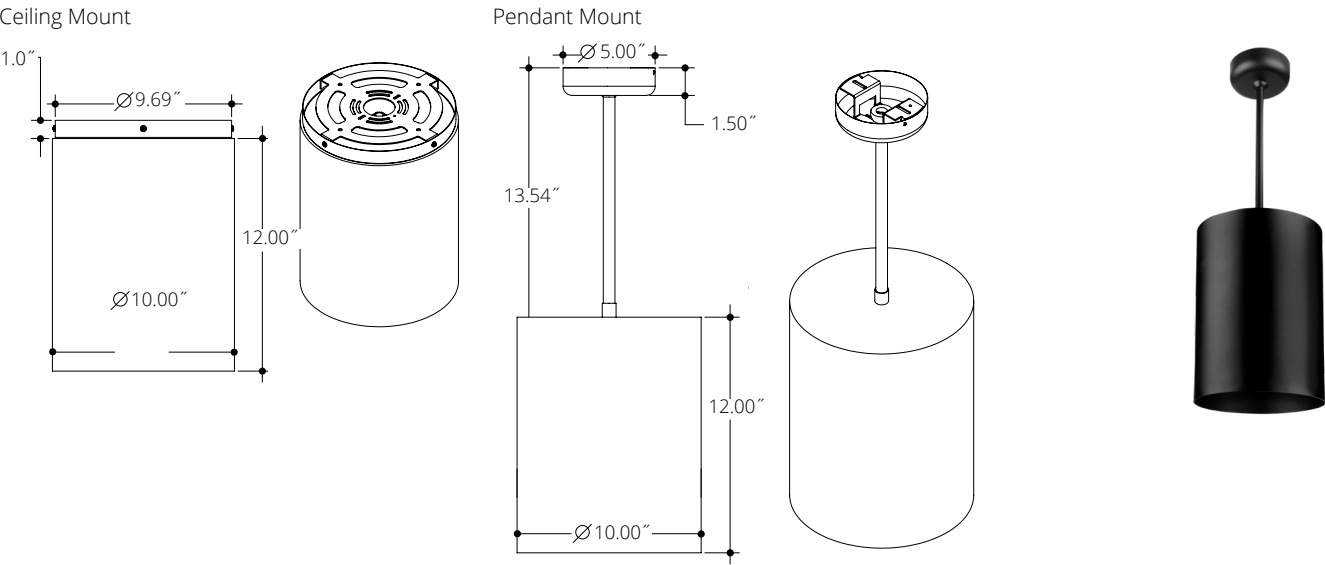
- CCK-72 - 6 foot cord and cable
- P24 - 2 foot stem
- P36 - 3 foot stem
- REM - Remote mount emergency

Vantage 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.

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Dimensional Data



Lumens

Lumens	Wattage*
1100	10.5
1500	15.1
2000	20.1

All measured at 3000K
*Actual Wattage/Lumens may vary.

Photometrics

Test Number
PHM-RPT-180309-20

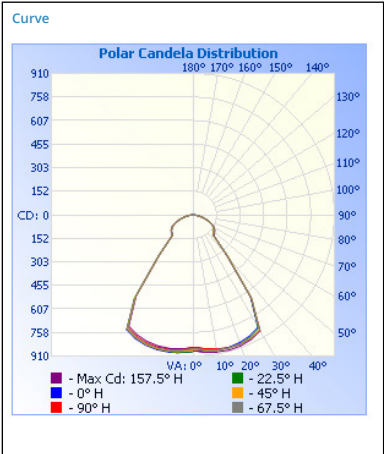
Diver
PHILIPS ADVANCE

Model
VP1012FCR-2035K-WHT

Lumens
1676.89

Efficacy
81.04

SC
0.9653



Cone of Light

The diagram shows a cone of light with a diameter of 10.00 inches at a height of 12.00 inches. The beam angle is 0°.

	Center Beam fc	Beam Width	
1.7	299	2.7	2.4
3.3	79.5	5.2	4.7
5.0	34.6	7.8	7.1
6.7	19.3	10.5	9.5
8.3	12.6	13.0	11.8
10.0	8.65	15.6	14.3

Candela Table	
Degrees Vertical	Candela
0.0	865
1.0	870
3.0	872
5.0	876
7.0	880
9.0	883
10.0	884
15.0	884
20.0	875
25.0	861
30.0	836
35.0	647
40.0	342
45.0	184
50.0	175
55.0	166
60.0	151
65.0	125
70.0	94
75.0	64
80.0	39
85.0	15
90.0	3
95.0	3
100.0	3

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	735.8	43.9
0-40	1118.3	66.7
0-60	1439.1	85.8
60-90	211.3	12.6
70-100	92.1	5.5
90-120	12.0	0.7
0-90	1650.4	98.4
90-180	26.5	1.6
0-180	1676.9	100.0

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