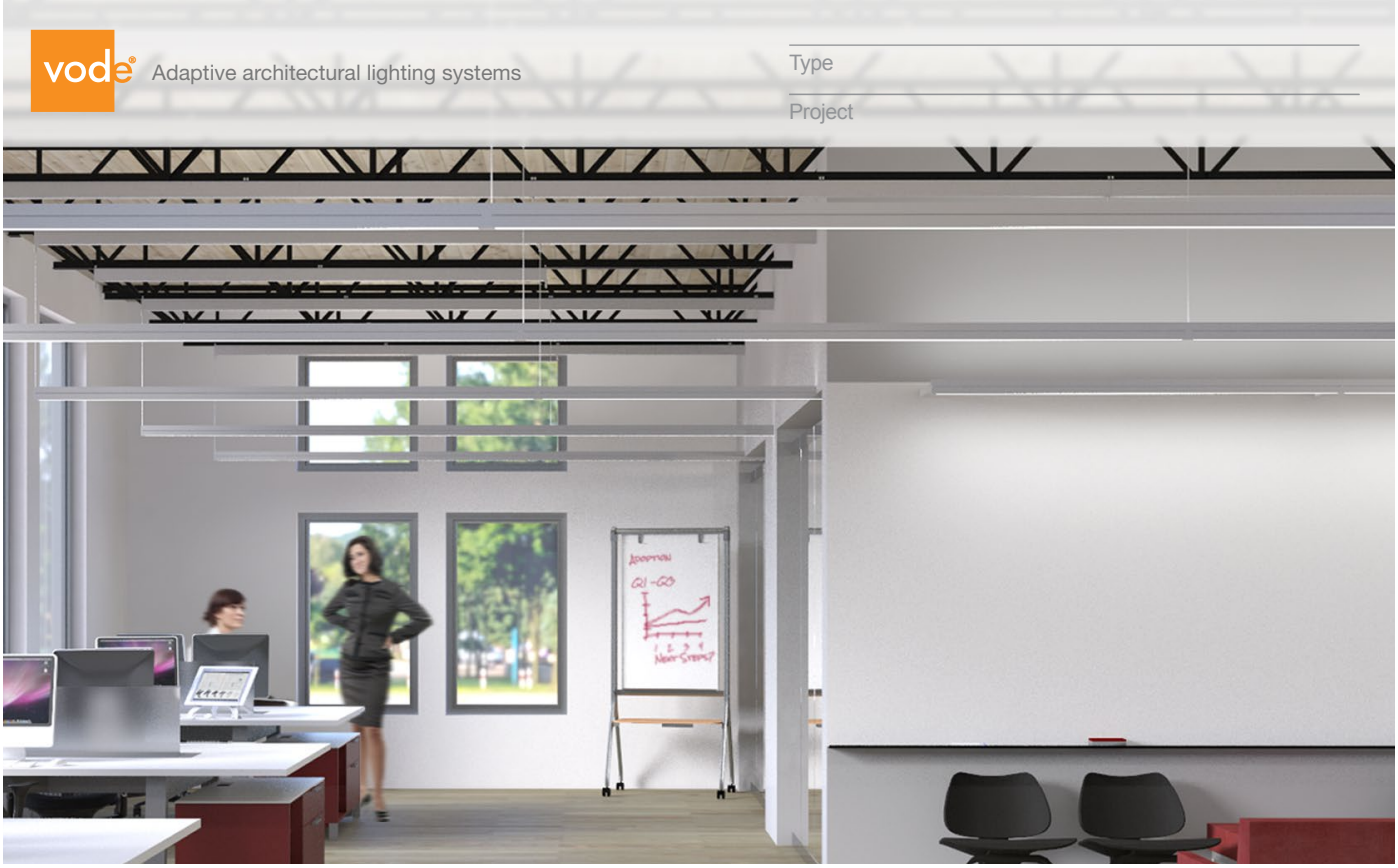


Spec Guide

DoubleBox™ | Ceiling Cable | 107

Direct/indirect for interior general, open office and conference room applications.

DoubleBox, direct/indirect

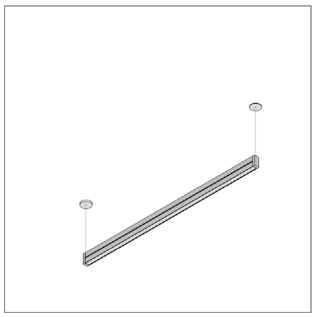
Benefits & Features

Minimalistic, Robust Design
Rectangular profile, 2.48" (63mm) x 1.14" (29mm), Ø4mm power cable suspension.

Superior Light Quality & Performance
Standard Output is up to 80 lm/W, 993 lm/ft (3257 lm/m) and 85 CRI. Outputs up to 1948 lm/ft (6389 lm/m) is available (see spec sheet for more information).

Adaptive Power Module
Integral or remote power, 0.1% dimming available for most configurations and protocols.

Simple Installation
Modular snap-fit assembly for easy installation and maintenance.



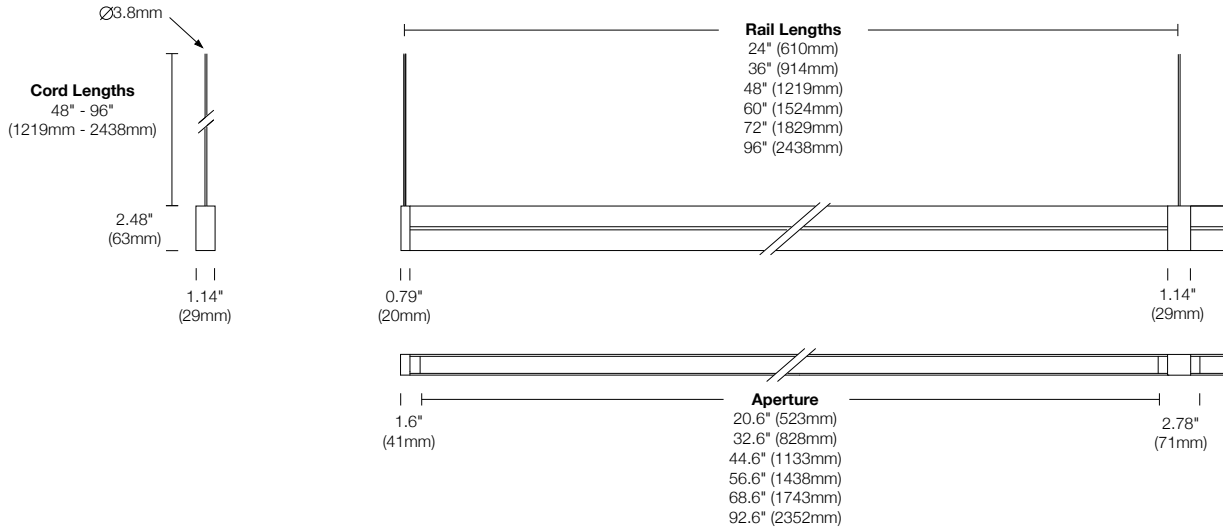
Shown: Small Round Canopy

Shown: Integral Driver Housing

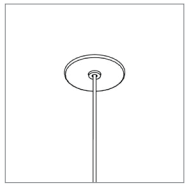
Multiple mounting hardware options designed to fit any application.

Structure

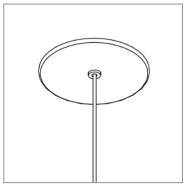
Rail Length	24” (610mm), 36” (914mm), 48” (1219mm), 60” (1524mm), 72” (1829mm), 96” (2438mm).
Rail Dimension	2.48” (63mm) x 1.14” (29mm).
Construction / Finish	Extruded and machined 6063 aluminum. Clear anodized, black anodized, white painted and non-standard finishes available.
Mounting	Ceiling mount to jbox or driver housing.
Cable Length	48” (1220mm) and 96” (2440mm) available. Field adjustable. Non-standard cable lengths available.
System Run Length	24” (610mm) minimum. Unlimited maximum length.
Operating Temperature	32°F to 104°F (0°C to 40°C).
Humidity	0-85%, non-condensing.
System Weight	1.22lbs (0.56kg) per foot (305mm).[1]



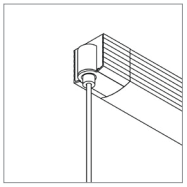
Mounting Hardware



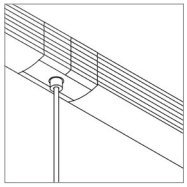
Small Round Canopy
Ø2.5” (51mm)



Large Round Canopy
Ø4.5” (114mm)

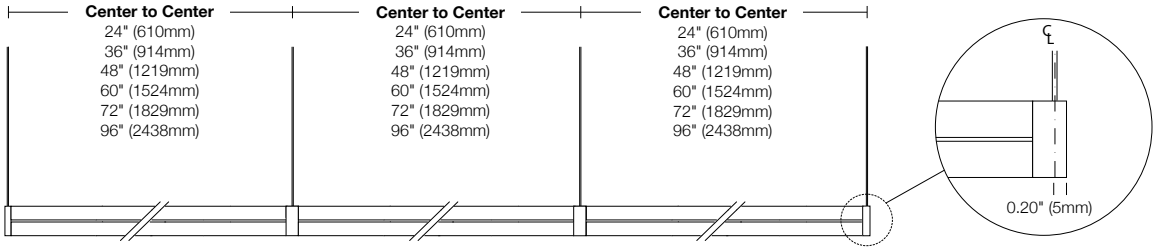


Integral Power (end)
h 1.7” (43mm)
w 1.8” (46mm)



Integral Power (joint)

Layout



NOTES & LIMITATIONS

[1]Weight based on system consisting of 4’ (1219mm) rail, 4’ (1219mm) cable drop and mounting hardware. Power supply and housing not included.

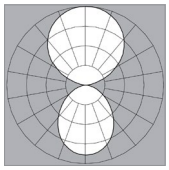
Power / Controls

Power Type	Class 2 (<60v output) constant current driver.
Controls	Dimming[1] (0.1%, 1%) and 0-10v, DALI, Lutron EcoSystem™ are available. *See **Driver Guide** for details.*
Input Voltage	120v - 277v, 50/60hz.
Power Location	Integral or remote power. Maximum remote distance up to 72' (22m) depending on driver selection. *See **Driver Guide** for details.*

Zipper Board™

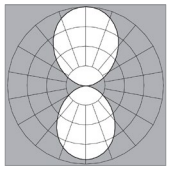
Zipper Board has 72 diodes per foot (305mm). Performance data for standard output listed below.[2]

Clear Lens Up, Diffuse Lens Down



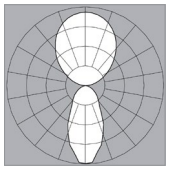
	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	71	74	77	80
Total Lumens per Foot (305mm)[3]	880	916	955	993
Uplight Lumens per Foot (305mm)[3]	520	541	564	586
Downlight Lumens per Foot (305mm)[3]	360	375	390	406
Watts per Foot (305mm)[3]	12.4	12.4	12.4	12.4
CRI (>80 min., 85 avg.)	-	-	85	-
Lumen Maintenance	60,000 hours L80 @25°C			

Diffuse Lens Up, Diffuse Lens Down



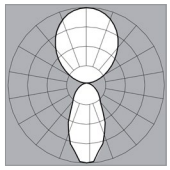
	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	64	66	70	72
Total Lumens per Foot (305mm)[3]	792	825	859	893
Uplight Lumens per Foot (305mm)[3]	434	452	471	490
Downlight Lumens per Foot (305mm)[3]	357	372	388	403
Watts per Foot (305mm)[3]	12.4	12.4	12.4	12.4
CRI (>80 min., 85 avg.)	-	-	85	-
Lumen Maintenance	60,000 hours L80 @25°C			

Clear Lens Up, White Baffle Down



	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	64	67	70	73
Total Lumens per Foot (305mm)[3]	796	829	864	898
Uplight Lumens per Foot (305mm)[3]	517	538	561	583
Downlight Lumens per Foot (305mm)[3]	279	290	302	315
Watts per Foot (305mm)[3]	12.4	12.4	12.4	12.4
CRI (>80 min., 85 avg.)	-	-	85	-
Lumen Maintenance	60,000 hours L80 @25°C			

Diffuse Lens Up, White Baffle Down



	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	56	59	62	64
Total Lumens per Foot (305mm)[3]	702	732	762	793
Uplight Lumens per Foot (305mm)[3]	431	449	468	486
Downlight Lumens per Foot (305mm)[3]	271	282	294	306
Watts per Foot (305mm)[3]	12.4	12.4	12.4	12.4
CRI (>80 min., 85 avg.)	-	-	85	-
Lumen Maintenance	60,000 hours L80 @25°C			

NOTES & LIMITATIONS

[1] Dimming curve is factory preset to linear. Logarithmic is available upon request.

*[2] With non-standard output, DoubleBox distributes up to 1948 lm/ft (6389 lm/m) at slightly reduced efficacy. See the **IES Files** page for performance data at High Output.*

[3] Based on testing 4' rail section. Lumen measurement complies with IES-LM-79-08 testing procedures.

Build Your Specification

107-DB	01			CC		

System & Rail Type
107-DB DoubleBox

Single/Double Rail
01 Single Rail

System Length
Specify system length in 1ft (305mm) increments.

Rail Length
Select Rail Length. If System Length is not divisible by Rail Length selected, Vode will complete the remainder with appropriate rail length(s). If a specific rail configuration is required, please select ZZ and identify the specific layout desired.

24 24" (610mm)
36 36" (914mm)
48 48" (1219mm)
60 60" (1524mm)
72 72" (1820mm)
96 96" (2438mm)
ZZ Other rail length or layout (please specify)

Mounting
CC Ceiling Cable

Cable Length
Field adjustable.
48 48" cable (1210mm)
96 96" cable (2438mm)
ZZ Other (please specify)

Power Location
Integral Power
IP Integral Power
Remote Power
2R Small Round Canopy
4R Large Round Canopy

		0	Z		

Power Type[1]
AE 0-10v, 1% dimming
AT eldoLED 0-10v, 0.1% dimming
AD eldoLED DALI, 0.1% dimming
AH Lutron EcoSystem, 1% dimming[2]
ZZ Other (please specify)

Voltage
1 120v
4 240v
2 277v

Emergency Power
Contact Vode or your Vode agent for emergency power options.

LED Type
Z Zipper Board

Lumen Output
SO Standard Output
ZZ Other (please specify)[3]

Color Temperature
27 2700K
30 3000K
35 3500K
40 4000K
ZZ Other (please specify)

			0

Optics
Zipper Board (Z)
01 Clear Lens up, Diffuse Lens down
11 Diffuse Lens up, Diffuse Lens down
0WB Clear Lens up, White Baffle down
1WB Diffuse Lens up, White Baffle down
ZZ Other (please specify)

Sensors
0 None
ZZ Other (please specify)[4]

Finish
AL Clear Anodized
WH White Painted
BL Black Anodized
ZZ Other (please specify)

Options
0 None

NOTES & LIMITATIONS
[1]Dimming curve is factory preset to linear. Logarithmic is available upon request.
[2]AH not availablewith 24" integral power.
*[3]See the **Driver Guide** for limitations. See the **IES Files** page for performance data at high output.*
[4]Occupancy and daylight sensors are available. Contact Vode or you Vode agent with your specific requirements.

*5 Year Limited Warranty. All material and component parts used in the manufacture of Vode products are warranted to be free from defects of material and/or workmanship for a period of 5 years from date of sale. Product must be installed according to Vode installation instructions and accepted trade practices. Power supplies and other auxiliary equipment is not covered under Vode warranty but may be covered by separate OEM warranty. See full Vode warranty description **here**.*

Listed to UL standards for damp location by a Nationally Recognized Testing Laboratory (NRTL) recognized by OSHA.

LED Board Construction – Aluminum MCPCB, PPT connectors, RoHS compliant. Clear Lens, Diffuse Lens – High-impact extruded acrylic glass (PMMA). Baffle – 6063 aluminum, RoHS compliant painted finish. Suspension Cable – Ø3.2mm, 22/2 AWG, PVC jacket, FEP-insulated, RoHS complaint. Power Cable – Ø4mm, 18/2 AWG, Plenum (CMP) rated semi-rigid PVC, flame tested UL-910. Cable Connectors – Unfilled black nylon, rated UL 94 V-0, halogen free, PVC overmold, RoHS compliant. Remote Power Housing – 1/16" (0.8mm) formed steel, zinc chromate plating.

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