



Spec Guide

ZipOne | 707



Accent or task lighting for under cabinet, cove and reveal accent.



ZipOne: direct or indirect, task and cove light.

Benefits & Features

Micro Profile, Robust design

Flat profile. 0.30" (7mm) x 1.14" (29mm).

Superior Light Quality & Performance

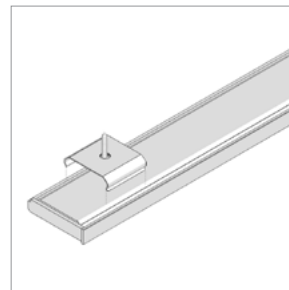
Output up to 1193 lm/ft (3913 lm/m) (HO), 122 lm/W (HO). 80 or 90 CRI & tunable white (2200K-5000K) available.

Versatile Mounting Options, Easy Installation

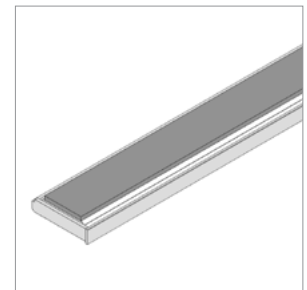
Magnet with tape-on ferrous strip or low profile clip allow for mounting to almost any surface.

Better Optics & Beam Control

100° beam distribution with EdgeSoft™ lens for excellent cutoff and glare control.



Clip



Magnet

Build Your Specification

707-Z1	SL				0
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System & Rail Type	System Type	System Length	Rail Length	Mounting	Arm/Cord Length
707-Z1 ZipOne	SL Standard Linear	Specify overall system length in ft/in or M/mm. <i>Corner and Shapes Available See Guide for details.</i>	24 24" (610mm) 36 36" (914mm) 48 48" (1219mm) 60 60" (1524mm) 72 72" (1829mm) 96 96" (2438mm) ZZ Other rail length or layout (please specify) See Rail Length Chart for more details. ▲ Custom lengths may result in light gaps on the fixture. See Rail Length Chart for more details.	C Clip T Magnet with Tape-On Metal Strip ZZ Other (please specify)	0 None

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Power Location	Power Type	Voltage	Emergency Power
PP Portable Power	Portable Power	1 120V 2 120V - 277V 4 120V - 240V X Not Yet Specified	0 No Emergency Power ZZ Emergency Power (specify requirements)
Remote Power	WP Wall Plug with On/Off Switch ² Flexible 1 to 1 Power AE 0-10V, 1.0% Dimming AT 0-10V, 0.1% Dimming AD DALI, 0.1% Dimming AX DMX, 100-0% Dimming AH Hi-lume 1% EcoSystem, Soft On / Fade to Black Technology, LDE ¹ AH2 ELV 1% 2-wire (Forward and Reverse Phase) Optimized Power Add 'O' to power type example: AEO, ATO...etc. ³ VodeNODE Add 'N' to power type for Flexible 1 to 1 Power Add 'ON' to power type for Optimized Power example: AEN, ATN, AEON, ADON...etc. ⁴ ZZ Other (please specify) See Power Guide for driver features & limitations.		
RP10 10' (3.048m) Wire Harness RP25 25' (7.62m) Wire Harness RP50 50' (15.24m) Wire Harness RP75 75' (22.86m) Wire Harness RP100 100' (30.48m) Wire Harness			

▶▶	Z		A2		AL
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LED Type	Lumen Output	Color Temperature	Optics	Sensors	Finish
Z Zipper Board	LO Low Output SO Standard Output HO High Output ZZ Other (please specify) See IES Files page for details. See Power Guide for driver features & limitations.	90+ CRI 279 2700K 309 3000K 359 3500K 409 4000K RGBW 90+ CRI C279 RGB Color, 2700K C309 RGB Color, 3000K C359 RGB Color, 3500K C409 RGB Color, 4000K ZZ Tunable White Available See Guide for details.	A2 100° Asymmetric	0 None ZZ Other (please specify) ⁵	AL Clear Anodized
				NOTES & LIMITATIONS ¹ WP is only available with Low Output (LO) and 120V - 240V in 36" and 48" Rail Lengths. ² Wall plug (WP) version is 120V - 240V. ³ Optimized Power is not available with Hi-lume 1% EcoSystem (AHO) Power Type. ⁴ VodeNODE enclosure is not available with ELV 1% 2-wire (AH2) Power Type. ⁵ Sensors are available please contact Vode for more information. ⁶ 9' 18/3 Cord and Plug only available with Remote Power (RP). Contact factory for Chicago Plenum.	

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Options

3 3.5" (89mm) Fixture Cord
18 18" (457mm) Fixture Cord
36 36" (914mm) Fixture Cord
9 9' 18/3 Cord and Plug ⁶

Listed to UL standards for damp location by a Nationally Recognized Testing Laboratory (NRTL) recognized by OSHA. Certain limitations exist for each Certification. Contact factory for verification.

Standard 5 Year Limited Warranty. See details [here](#). Contact factory for options on Limited Warranties up to 20 years.



Applications

Museum and Residential



MoMA, New York, NY



MoMA, New York, NY




Boatswain's Way, Chelsea, MA

Declare Label

All Vode Lighting linear light fixtures proudly carry the Red List Approved designation.

See [International Living Future Institute](https://www.livingfuture.org/declare) website for details.



Declare.

Vode Adaptive Architectural Lighting Systems

Vode Lighting LLC

Final Assembly: Sonoma, California, US
Life Expectancy: 10+ Year(s)
End of Life Options: Recyclable (100%)

Ingredients:

Anodized Aluminum (6063-T5 Alloy); Steel; Small Electrical Component (RoHS)¹; Copper; **Fluorinated Ethylene Propylene (masterbatch)**²; Polymethyl methacrylate (PMMA); Stainless Steel; Polyoxymethylene Copolymer (POM); Styrene-butadiene polymer, hydrogenated; Poly(methyl methacrylate/butyl acrylate/styrene) (PMMA/BA/S); Styrene/butadiene copolymer; Distillates; Polypropylene; Calcium carbonate; Polycarbonate; EVA Copolymer; Methyl methacrylate (MMA); Polyphenylene Oxide; Brass; Tin, Organic

¹LBC Temp Exception RL-002 - Small Electrical Components
²LBC Temp Exception RL-023 - Wire Sheathing Subject to NFPA 90A, NFPA 262, UL® 910

Living Building Challenge Criteria: Compliant

I-13 Red List:

<input type="checkbox"/> LBC Red List Free	% Disclosed: 100% at 100ppm
<input checked="" type="checkbox"/> LBC Red List Approved	VOC Content: Not Applicable
<input type="checkbox"/> Declared	

I-10 Interior Performance: Not Applicable
I-14 Responsible Sourcing: Not Applicable

VDE-0001
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MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
 INTERNATIONAL LIVING FUTURE INSTITUTE™ [living-future.org/declare](https://www.living-future.org/declare)



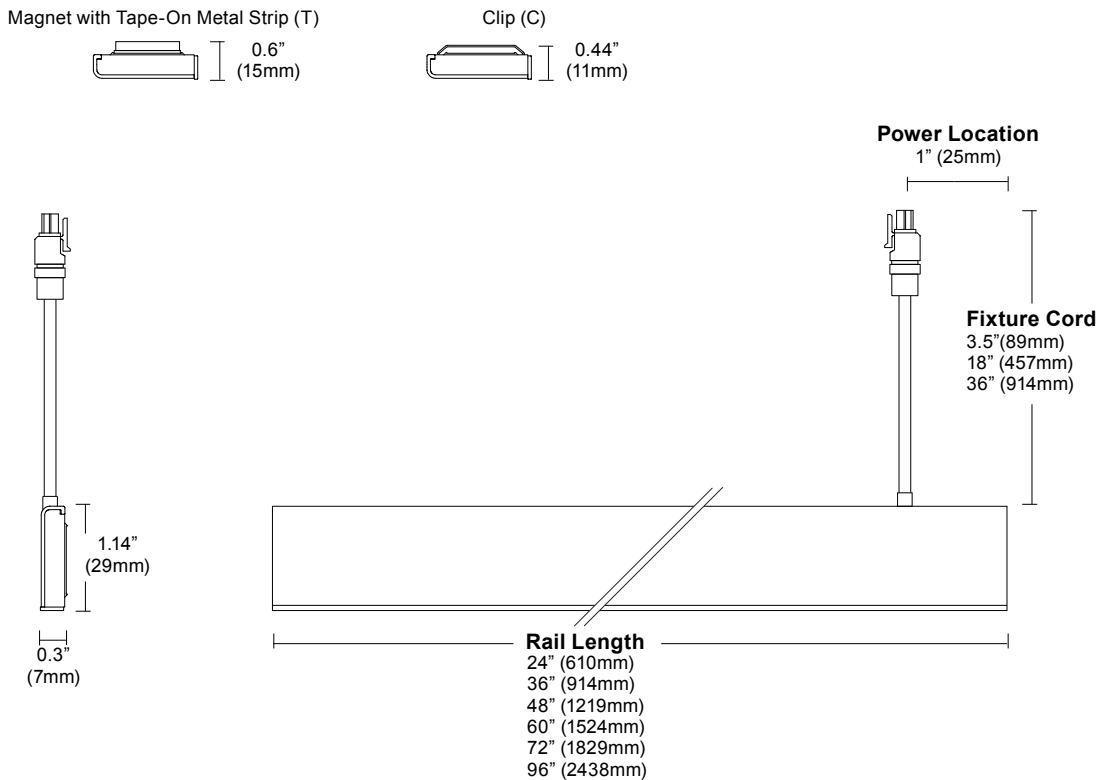
Structure

Rail Lengths	24" (610mm) - 96" (2438mm). Modified lengths available. See Rail Length Chart for more details.
Rail Dimensions	0.3" (7mm) x 1.14" (29mm). x length.
Construction	Extruded and machined 6063 aluminum.
Mounting	Various permanent and portable mounting options.
System Run Length	24" (610mm) minimum. Unlimited maximum.
Operating Temperature	32°F to 104°F (0°C to 40°C).
Humidity	0-95%, non-condensing. Suitable for damp locations.
System Weight	0.26lbs per ft (0.12kg per 305mm). Power supply and housing not included.

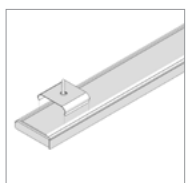
Materials

LED Board Construction	Aluminum core PCB, black LCP connectors, RoHS compliant.
Lens	High-impact extruded acrylic glass (PMMA).
Power Cable	Ø4mm, 18/2 AWG, Plenum (CMP) rated semi-rigid PVC or FEP, flame tested UL-910 (<i>PVC free in 2020</i>).
Cable Connectors	Unfilled black nylon, rated UL 94 V-0, halogen free, PVC or FEP overmold, RoHS compliant (<i>PVC free in 2020</i>).
Remote Linear Power Housing (RLP)	20.7" x 2.375" x 2.53", 0.054" formed Galvanized Steel.
Remote Brick Power Housing (RBP)	4.32" x 3.37" x .078" Galvanized Steel mounting plate.

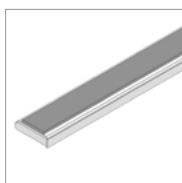
Dimensions



Mounting Options

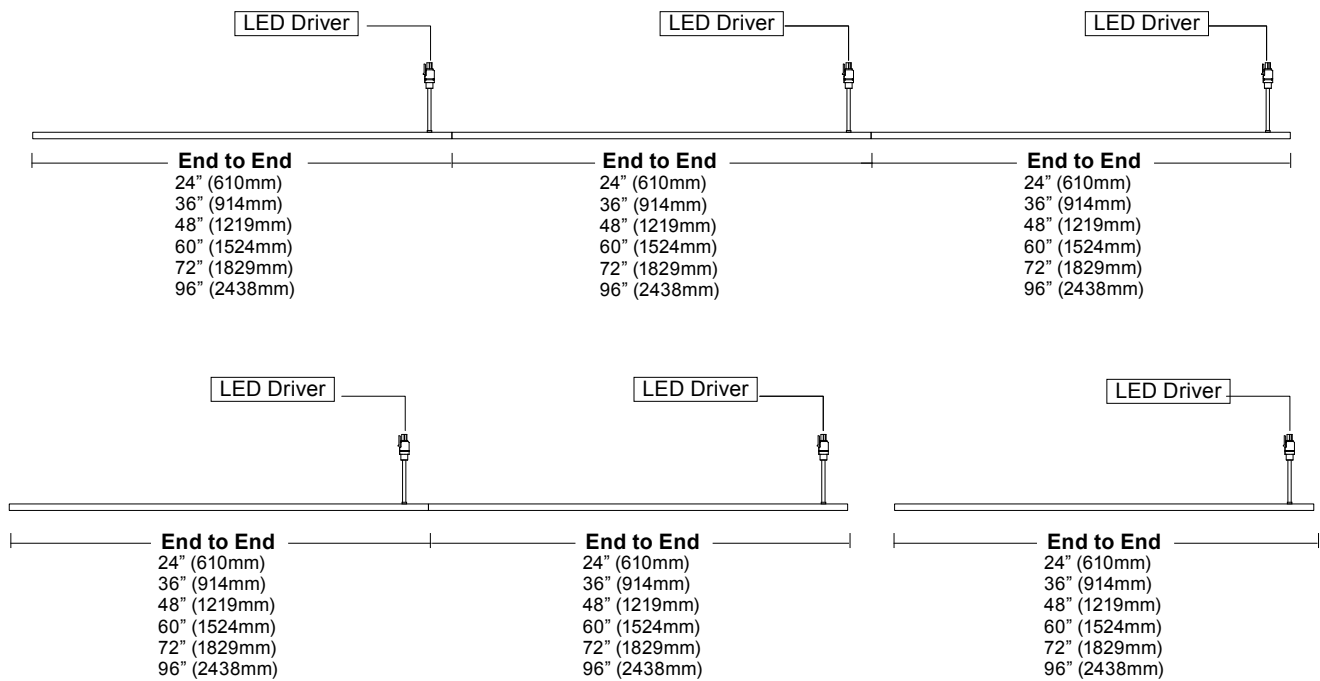


Clip



Magnet with Tape-On Metal Strip

Layout

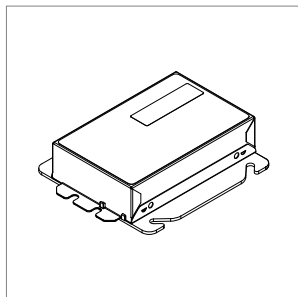


Power and Controls

Power Type	Class 2 (<60V output) constant current driver.
Dimming Controls	Dimming (0.1%, 1%), 0-10V, DALI, DMX, Hi-lume 1% are available. See Power Guide for details.
Input Voltage	120V - 277V, 50/60hz.
Power Location	Portable power or remote power. Maximum remote distance up to 100' (30.5m) depending on driver selection. See Power Guide for details.

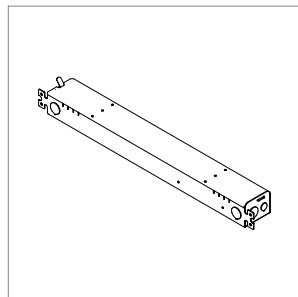
Remote power is locating the power supply away from the fixture. Remote power comes in two housing styles: brick style and linear style. Consult [Power Guide](#) to determine which type you will receive. Portable power is a wall plug with on/off switch.

Remote Brick Power Housing



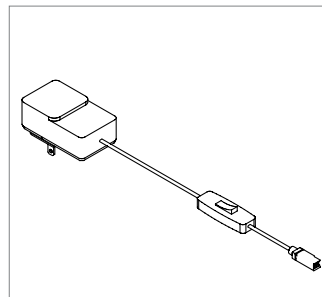
Supplied for some remote power applications. One remote power supply housing is supplied for each rail. Provided driver mounting plate fits standard 4" metal, square J-Boxes with a minimum volume of 21 in³ (J-Box not provided). See [Tech Sheet](#) for details.

Remote Linear Power Housing



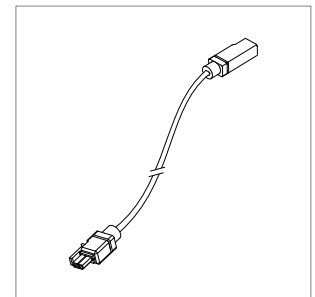
One remote power supply housing is supplied with each power supply. All Vode linear remote drivers come in a 0.054" (0.8mm) formed galvanized steel power supply housing with five (5) knockouts: (4) 1-1/8", (1) 7/8" and (1) 9/16". Accommodates standard linear power supplies. See [Tech Sheet](#) for details.

Wall Plug with On/Off Switch



Wall plug is only available in Low Output and 100V - 240V in 3" and 48" Rail Lengths.

Wire Harness

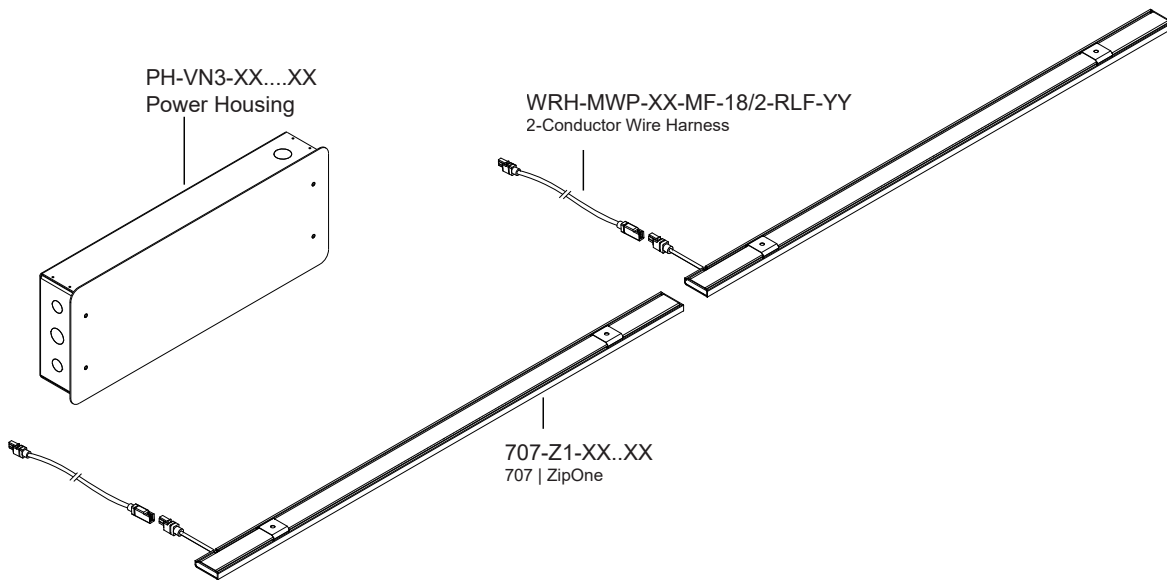


Wire harness connects driver to rail section. Lengths of 10' (3.0m) & 25' (7.6m) with snap-lock connectors for quick and easy installation. Multiple harnesses may be combined for lengths up to 100' (30.5m). See [Tech Sheet](#) for details.

Power and Controls

Flexible 1 to 1 power

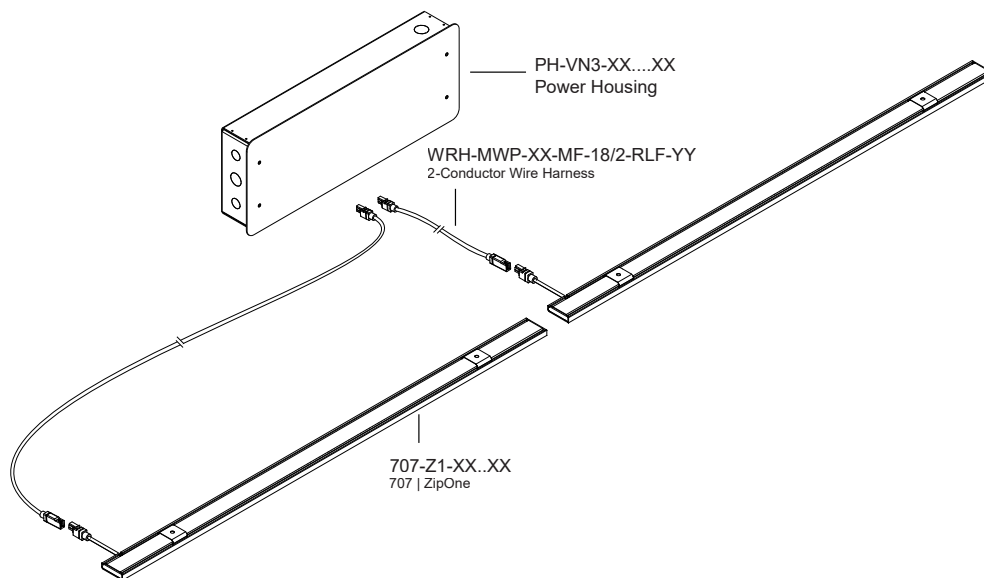
For Flexible 1 to 1 Power, Vode supplies one single output driver per fixture, allowing each fixture to be controlled independently. Direct/Indirect fixtures are supplied with two single output drivers, allowing the direct and indirect lighting to be controlled independently. Consult [Power Guide](#) to determine which type you will receive.



Optimized Power

To optimize power, Vode configures specifications with drivers that have 2 or 4 outputs. Depending on system configurations and power requirements, up to 4 fixtures can be powered from a 4-output driver. Consult [Power Guide](#) to determine which type you will receive.

IMPORTANT: Each fixture will still require individual wire harnesses, as shown below.

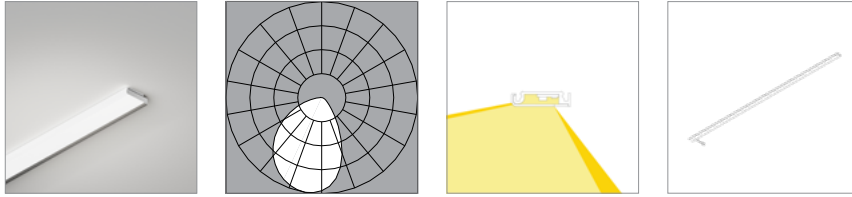


Note: Drawings not to scale, for reference only.

Performance | Zipper Board Optics

Zipper Board Optics design has 72 diodes per foot (305mm).

100° Asymmetric (A2)



L80 >60,000 hours

90 CRI (90min., 96 avg.)

Low Output (LO)

	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	85	87	89	90
Lumens per foot (305mm)	342	353	361	364
Watts per foot (305mm)	4.1	4.1	4.1	4.1

Standard Output (SO)

	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	106	109	111	113
Lumens per foot (305mm)	685	707	721	728
Watts per foot (305mm)	6.5	6.5	6.6	6.5

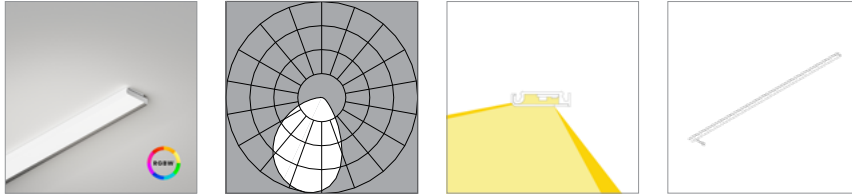
High Output (HO)

	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	105	108	110	112
Lumens per foot (305mm)	1027	1060	1082	1092
Watts per foot (305mm)	9.9	9.9	9.9	9.9

Performance | Zipper Board Optics | RGBW

Zipper Board Optics design has 72 diodes per foot (305mm).
 RGBW (red, green, blue, and white) tested with **all channels on**.

100° Asymmetric (A2)



L80 >60,000 hours

RGBW Color, 90 CRI (90min., 96 avg.)

Low Output (LO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	72	74	76	76
Lumens per foot (305mm)	602	621	634	640
Watts per foot (305mm)	8.5	8.5	8.5	8.5

Standard Output (SO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	69	74	76	77
Lumens per foot (305mm)	914	974	999	1011
Watts per foot (305mm)	13.3	13.3	13.3	13.3

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