

2" VersaLux LED Low Profile Slot

LED



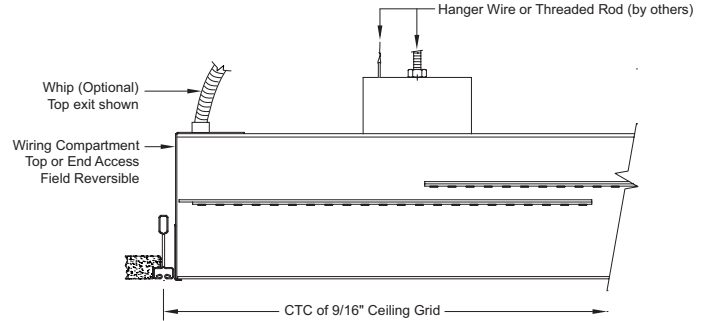
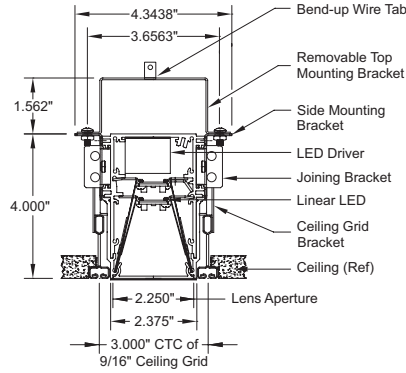
LED Linear Recessed Low Profile Slot
Flush Snap-in Lens

VL2-LO LED

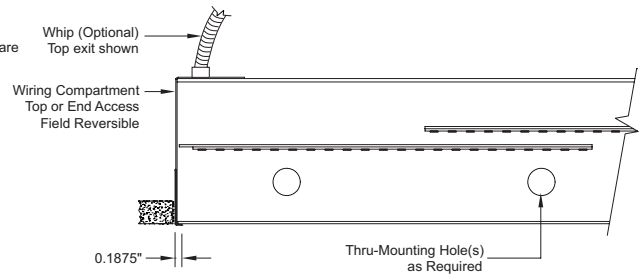
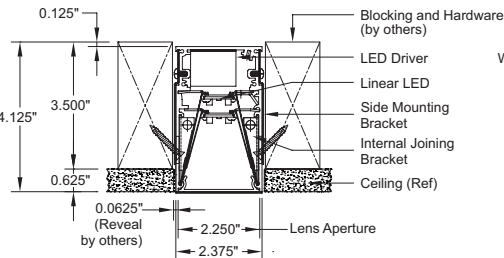
Job Name

Fixture Type

Standard Housing
(Grid Trim shown)



Retrofit Housing
(Flangless Trim shown)



Ceiling Trim Details

Retrofit Trim		Plaster Trim		Flange Trim		Grid Trim				
1" Flange Retrofit: FR	Flangeless Retrofit: XR	Plaster Flange Above Ceiling: PA	Plaster Flange Below Ceiling: PB	1" Flange: F1	1/2" Flange: F2	Donn Fineline Armstrong Bolt: X9	TechZone 9/16 Suprafine: X9	TechZone 15/16 Prelude: X1	TechZone 9/16 Interlude: X9	Decoustic or Architectural: X9

VL2-LO-L

CRI	Color Temp	Output	Dimming ⁽²⁾	Length (")	Ceiling Trim	Whip
80+	27 2700K	S Std.	S Std. 0-10V (1%)	Nominal: 24 36 48	PA Plaster Flange Above	N No Whip
90+ ⁽¹⁾	30 3000K	H High	E Lutron 5 Series (5%)	60 72 84	PB Plaster Flange Below	W Standard Whip
	35 3500K	M Max.	H Lutron Hi-Lume (1%)	96 (see Page 3)	F1 1" Flange	C Chicago Whip
	40 4000K	Custom: Specify Lm/Ft ⁽¹⁾	D DALI (1%)	Custom: xxx (in inches)	F2 1/2" Flange	
	TW 2700K-6500K		W Wireless ⁽³⁾		X9 9/16 Grid Trim	
					X1 15/16 Grid Trim	
					FR 1" Flange Retrofit	
					XR Flangeless Retrofit	

Product Code Example: VL2-LO-L830SH-72-X9-W-N

Linear flush lens slot fixture utilizing high performance LED boards, snap-in lenses and full reflectors. Use in ceilings where low profile is required. Available with plaster, flange or grid trim options for new construction and flange or flangeless trims for retrofit installations.

Features

- Starfire's proprietary EvenGlow™ system provides uniform illumination from end-to-end without lamp imaging, bright spots or shadows at any length
- Fixtures fabricated to any length without custom engineering
- Exceptional lumen per watt efficiency
- High efficiency, low cost, dynamic Tunable White option
- High performance acrylic flush snap-in lens
- Future proof LED boards sourced from world's leading suppliers
- Quick-Connect lighting modules plug together

Fixture Specifications

- Housing/Trim: Heavy-duty extruded aluminum
- Finish: White (std), custom available
- Weight: Approx. 3.2 lbs. per linear foot
- UL Listed, (indoor non-condensing) & CCEA Approved

Electrical

- Power consumption: Per specification based on LED configuration
- Input Voltage: 120-277V universal driver
- Ambient operating range: -4 °F to +100 °F
- Integral electronic drivers
- Integral wiring bus between fixture sections
- Drivers with full dimming range at any output choice
- 1% Dimming: 0-10V standard (included), consult factory for other options

⁽¹⁾ Factory to confirm availability, ⁽²⁾ Specify wireless system, ⁽³⁾ For high performance dimming below 125 lm/ft, contact factory

Mounting

- Universal mounting brackets provided. Contact factory for alternate mounting
- Easy Access wiring compartment – all connections can be made without disassembling the fixture. 7/8" knockouts provided for top or end.

Ceiling Dimensions: Refer to Page 3

Options (Consult factory)

- 6 ft armored whip, may be factory installed
- Occupancy sensor, daylight control module
- HVAC, fire sprinkler, surveillance or public address systems integration
- Internal EM pack not available

LED Specifications/Photometry: Page 2



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2" VersaLux LED Low Profile Slot, Flush Snap-in Lens

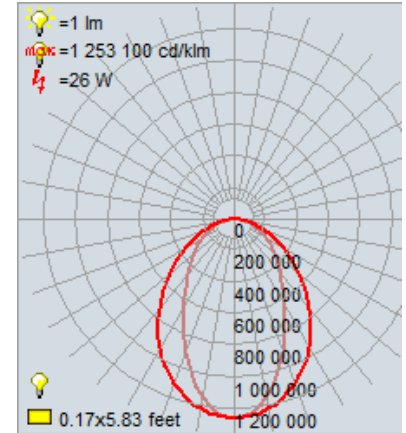
VL2-LO LED

Linear Photometrics
4000K

LED Strip

High output edge-to-edge, end-to-end illumination

- Choice of lumen output levels:
 - S:** Standard
 - H:** High
 - M:** Maximum
 - C:** Custom (between 400 and 1000 Lm/Ft)
- LED Efficiency: Up to 160 Lm/Wt at Maximum output and 180 Lm/Wt at Standard power (at 80+ CRI)
- L70: 50,000+ hours at Maximum output
- 2700K, 3000K, 3500K, 4000K and Tunable White: 2700K-6500K
- CRI: 80+ or 90+
- Color Consistency: Equal or better than 3 SCDM with chip mixing
- UL Listed, (indoor non-condensing)
- 5 year limited warranty*



Fixture Efficacy

Output Setting	Lm/Ft	4000K		3500K		3000K		2700K	
		Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt
S Standard	400	3.56	112.5	3.63	110.3	3.7	108	3.95	101.3
H High	700	6.69	104.6	6.84	102.4	6.99	100.1	7.49	93.4
M Maximum	850	8.45	100.6	8.64	98.4	8.84	96.2	9.50	89.5

Performance for nominal 4 foot length or greater (Std. 6ft)

* See Starfire website for Product Limited Warranty



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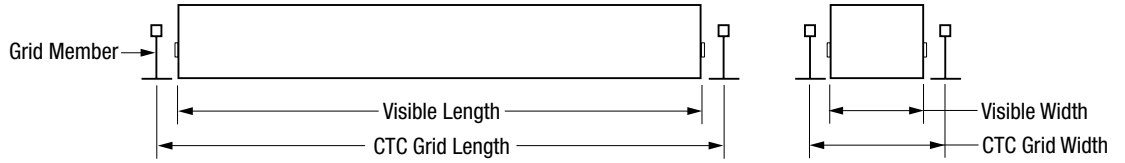
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VL2-LO LED

Ceiling Dimensions

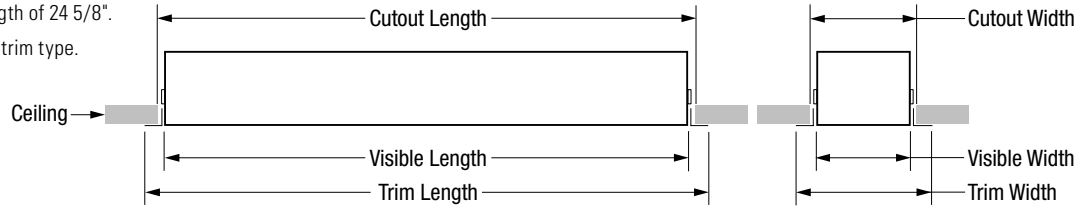
Grid Ceiling Dimensions



Order CTC Grid Length	9/16", Don Fineline, Decoustic			15/16"		
	Visible Length	Visible Width	CTC Grid Width	Visible Length	Visible Width	CTC Grid Width
24"	23 3/8"	2 3/8"	3"	23"	2 3/8"	3 3/8"
30"	29 3/8"	2 3/8"	3"	29"	2 3/8"	3 3/8"
36"	35 3/8"	2 3/8"	3"	35"	2 3/8"	3 3/8"
48"	47 3/8"	2 3/8"	3"	47"	2 3/8"	3 3/8"
60"	59 3/8"	2 3/8"	3"	59"	2 3/8"	3 3/8"
72"	71 3/8"	2 3/8"	3"	71"	2 3/8"	3 3/8"
84"	83 3/8"	2 3/8"	3"	83"	2 3/8"	3 3/8"
90"	89 3/8"	2 3/8"	3"	89"	2 3/8"	3 3/8"
96"	95 3/8"	2 3/8"	3"	95"	2 3/8"	3 3/8"

Custom Fixture Length Example:

A 24" Nominal Order Length yields a 23 3/8" Visible Length.
 For a 24" Visible Length, order a Custom Length of 24 5/8".
 See charts below for length adjustments per trim type.



Solid Ceiling Dimensions

Nominal Order Length	Visible Length	Visible Width	Plaster Flange				1" Flange				Retrofit 1" Flange			
			Trim Length	Trim Width	Cutout Length	Cutout Width	Trim Length	Trim Width	Cutout Length	Cutout Width	Trim Length	Trim Width	Cutout Length	Cutout Width
24"	23 3/8"	2 3/8"	26 3/32"	5 3/32"	24 1/4"	3 1/4"	25 1/8"	4 1/8"	24 1/4"	3 1/4"	25 1/8"	4 1/8"	24 1/4"	3 1/4"
30"	29 3/8"	2 3/8"	32 3/32"	5 3/32"	30 1/4"	3 1/4"	31 1/8"	4 1/8"	30 1/4"	3 1/4"	31 1/8"	4 1/8"	30 1/4"	3 1/4"
36"	35 3/8"	2 3/8"	38 3/32"	5 3/32"	36 1/4"	3 1/4"	37 1/8"	4 1/8"	36 1/4"	3 1/4"	37 1/8"	4 1/8"	36 1/4"	3 1/4"
48"	47 3/8"	2 3/8"	50 3/32"	5 3/32"	48 1/4"	3 1/4"	49 1/8"	4 1/8"	48 1/4"	3 1/4"	49 1/8"	4 1/8"	48 1/4"	3 1/4"
60"	59 3/8"	2 3/8"	62 3/32"	5 3/32"	60 1/4"	3 1/4"	61 1/8"	4 1/8"	60 1/4"	3 1/4"	61 1/8"	4 1/8"	60 1/4"	3 1/4"
72"	71 3/8"	2 3/8"	74 3/32"	5 3/32"	72 1/4"	3 1/4"	73 1/8"	4 1/8"	72 1/4"	3 1/4"	73 1/8"	4 1/8"	72 1/4"	3 1/4"
84"	83 3/8"	2 3/8"	86 3/32"	5 3/32"	84 1/4"	3 1/4"	85 1/8"	4 1/8"	84 1/4"	3 1/4"	85 1/8"	4 1/8"	84 1/4"	3 1/4"
90"	89 3/8"	2 3/8"	92 3/32"	5 3/32"	90 1/4"	3 1/4"	91 1/8"	4 1/8"	90 1/4"	3 1/4"	91 1/8"	4 1/8"	90 1/4"	3 1/4"
96"	95 3/8"	2 3/8"	98 3/32"	5 3/32"	96 1/4"	3 1/4"	97 1/8"	4 1/8"	96 1/4"	3 1/4"	97 1/8"	4 1/8"	96 1/4"	3 1/4"
Custom Order Length	Order Length - 5/8"	2 3/8"	Order Length + 2 3/32"	5 3/32"	Order Length + 1/4"	3 1/4"	Order Length + 1 1/8"	4 1/8"	Order Length + 1/4"	3 1/4"	Order Length + 1 1/8"	4 1/8"	Order Length + 1/4"	3 1/4"

Nominal Order Length	Visible Length	Visible Width	1/2" Flange				Grid Trim ⁽¹⁾				Retrofit Flangeless			
			Trim Length	Trim Width	Cutout Length	Cutout Width	Trim Length	Trim Width	Cutout Length	Cutout Width	Trim Length	Trim Width	Cutout Length	Cutout Width
24"	23 3/8"	2 3/8"	24 3/16"	3 3/16"	24 1/4"	3 1/4"	23 3/8"	3 3/16"	23 1/2"	2 1/2"	23 3/8"	2 3/8"	23 1/2"	2 1/2"
30"	29 3/8"	2 3/8"	30 3/16"	3 3/16"	30 1/4"	3 1/4"	29 3/8"	3 3/16"	29 1/2"	2 1/2"	29 3/8"	2 3/8"	29 1/2"	2 1/2"
36"	35 3/8"	2 3/8"	36 3/16"	3 3/16"	36 1/4"	3 1/4"	35 3/8"	3 3/16"	35 1/2"	2 1/2"	35 3/8"	2 3/8"	35 1/2"	2 1/2"
48"	47 3/8"	2 3/8"	48 3/16"	3 3/16"	48 1/4"	3 1/4"	47 3/8"	3 3/16"	47 1/2"	2 1/2"	47 3/8"	2 3/8"	47 1/2"	2 1/2"
60"	59 3/8"	2 3/8"	60 3/16"	3 3/16"	60 1/4"	3 1/4"	59 3/8"	3 3/16"	59 1/2"	2 1/2"	59 3/8"	2 3/8"	59 1/2"	2 1/2"
72"	71 3/8"	2 3/8"	72 3/16"	3 3/16"	72 1/4"	3 1/4"	71 3/8"	3 3/16"	71 1/2"	2 1/2"	71 3/8"	2 3/8"	71 1/2"	2 1/2"
84"	83 3/8"	2 3/8"	84 3/16"	3 3/16"	84 1/4"	3 1/4"	83 3/8"	3 3/16"	83 1/2"	2 1/2"	83 3/8"	2 3/8"	83 1/2"	2 1/2"
90"	89 3/8"	2 3/8"	90 3/16"	3 3/16"	90 1/4"	3 1/4"	89 3/8"	3 3/16"	89 1/2"	2 1/2"	89 3/8"	2 3/8"	89 1/2"	2 1/2"
96"	95 3/8"	2 3/8"	96 3/16"	3 3/16"	96 1/4"	3 1/4"	95 3/8"	3 3/16"	95 1/2"	2 1/2"	95 3/8"	2 3/8"	95 1/2"	2 1/2"
Custom Order Length	Order Length - 5/8"	2 3/8"	Order Length + 3/16"	3 3/16"	Order Length + 1/4"	3 1/4"	Order Length - 5/8"	3 3/16"	Order Length - 1/2"	2 1/2"	Order Length - 5/8"	2 3/8"	Order Length - 1/2"	2 1/2"

For lengths over 96", consult factory regarding cutout dimensions.

⁽¹⁾ Grid Trim typically installed before ceiling or from above solid ceiling.



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