

# 2" VersaLux LED Low Profile Slot

LED



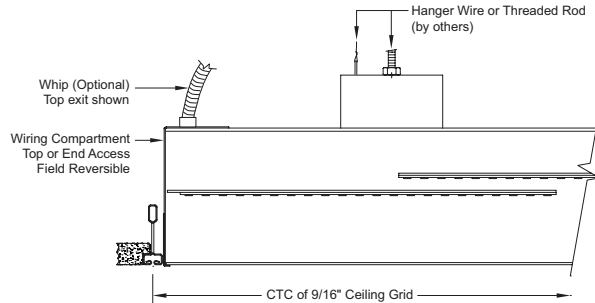
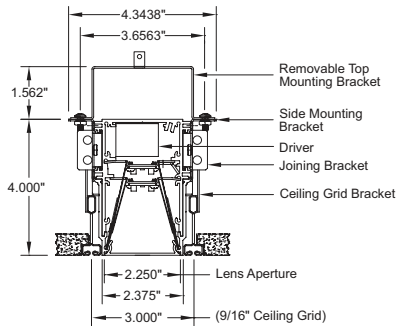
LED Linear Recessed Low Profile Slot  
Flush Snap-in Lens

VL2-LO

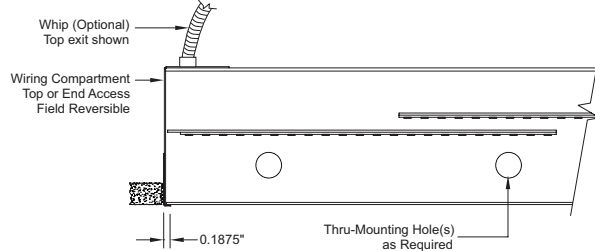
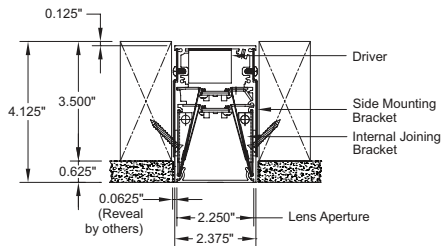
Job Name \_\_\_\_\_

Fixture Type \_\_\_\_\_

Standard Housing  
(Grid Trim shown)



Retrofit Housing  
(Flangeless Trim shown)



**Ceiling Trim Details**

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

VL2-LO-

CRI	Color	Output	Dimming	Lens	Length (")	Ceiling Trim	Whip
8 80+	27 2700K	S Standard	S Std. 0-10V 1% <sup>(3)</sup>	DF Diffuser	Nominal: 24 36 48	PA Plaster Flange Above	N No Whip
9 90+	30 3000K	H High	H ECO 1%	D1 Drop 1/2"	60 72 84	PB Plaster Flange Below	W Std. Whip
R RGB & RGBW	35 3500K	M Maximum	D DALI 1% <sup>(3)</sup>	D2 Drop 2"	96 (see Page 3)	F1 Flange 1**	C Chicago Whip
	40 4000K	Custom: Specify Lm/Ft <sup>(2)</sup>	P POE <sup>(2)</sup>	BW Batwing	Custom: xxx (in inches)	X9 9/16 Grid Trim	
	TW 2700K-6500K <sup>(1),(3)</sup>	F Fixed for RGB & RGBW	W Wireless <sup>(2)</sup>	LW Louver White		X1 15/16 Grid Trim	
	GB RGB Color		X DMX for RGBs	LS Louver Specular		FR 1" Flange Retrofit	
	G3 RGB White (3000K only)					XR Flangeless Retrofit	

Product Code Example: VL2-LO-RG3FXD1-120-X9-WN

Low profile, flush lens slot 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, Tunable White option
- RGB & RGBW option
- High performance snap-in lenses; flush diffusion, flush batwing, or drop with illuminated end caps, plus white or specular louver options

**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
- RGB and RGBW Power Supply and DMX Decoder are external
- Integral wiring bus between fixture sections
- Drivers with full dimming range at any output choice
- Dimming: 0-10V 1% standard, contact factory for options

**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 Cutout:** Refer to Page 3

- Options** (Consult factory. Some options not for use with RGBs)
- 6 ft armored whip, may be factory installed
  - Occupancy sensor, daylight control module
  - EM pack (Delivers 800+ total lumens for 90 mins). Specify length and location (+/- 2ft) at time of order (Not for use with RGBs)
  - HVAC, fire sprinkler, surveillance or public address systems integration

(1) Other ranges possible – Consult factory  
(2) Specify – Factory to confirm  
(3) If Tunable White: Std. 0-10V and DALI only

\*Fixture must be installed before ceiling



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

VL2-LO

## Linear Photometrics

### White LEDs

- Choice of lumen output levels:
  - S:** Standard
  - H:** High
  - M:** Maximum
  - C:** Custom (between 200 and 1100 Lm/Ft) depending upon configuration, consult factory
- LED Efficiency: Up to 160 Lm/Wt at Max. output and 180 Lm/Wt at Standard power (at 80+ CRI)
- Proprietary in-house, ultra-tight Vf binned LEDs for uniform intensity
- Color Consistency: Equal or better than 3 SCDM
- L70: 50,000+ hours at Max. output
- 5 year limited warranty\*

### RGB & RGBW LEDs

#### Maximum Output (Diffuser)

	Lm/Ft	Wt/Ft	Lm/Wt
<b>RGB (all on)</b>	<b>244</b>	10.4	23.6
<b>White</b>	<b>297</b>	3.9	76.8
<b>RGBW (all on)</b>	<b>541</b>	14.2	38.1

Output adjustable with DMX-512 Control

### Diffuser

80 CRI		4000K		3500K		3000K		2700K	
Output Setting	Lm/Ft	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt
<b>S</b> Standard	<b>400</b>	3.4	119.0	3.4	116.7	3.6	112.0	4.0	99.4
<b>H</b> High	<b>700</b>	6.2	112.6	6.3	110.2	6.6	105.6	7.7	91.4
<b>M</b> Maximum	<b>850</b>	7.8	109.4	7.9	107.0	8.3	102.3	9.7	87.4

### 1/2" Drop Lens

80 CRI		4000K		3500K		3000K		2700K	
Output Setting	Lm/Ft	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt
<b>S</b> Standard	<b>400</b>	3.3	122.0	3.3	119.6	3.5	114.8	3.9	102.0
<b>H</b> High	<b>700</b>	6.1	115.6	6.2	113.2	6.5	108.4	7.4	94.0
<b>M</b> Maximum	<b>850</b>	7.6	112.4	7.7	110.0	8.1	105.2	9.4	90.0

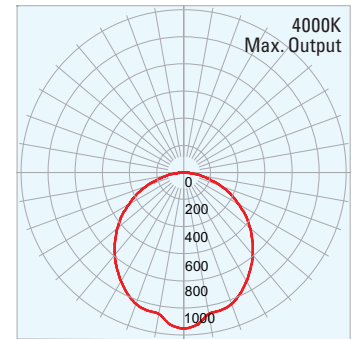
### 2" Drop Lens

80 CRI		4000K		3500K		3000K		2700K	
Output Setting	Lm/Ft	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt
<b>S</b> Standard	<b>400</b>	2.7	147.3	2.8	144.4	2.9	138.7	3.2	123.8
<b>H</b> High	<b>700</b>	5.0	140.8	5.1	138.0	5.3	132.3	6.0	115.8
<b>M</b> Maximum	<b>850</b>	6.2	137.6	6.3	134.8	6.6	129.0	7.6	111.8

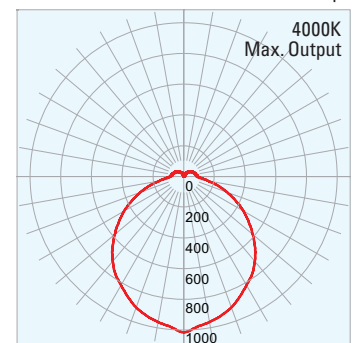
### Batwing

80 CRI		4000K		3500K		3000K		2700K	
Output Setting	Lm/Ft	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt
<b>S</b> Standard	<b>400</b>	3.1	131.1	3.1	128.5	3.2	123.4	3.6	109.8
<b>H</b> High	<b>700</b>	5.6	124.7	5.7	122.1	6.0	117.0	6.9	101.8
<b>M</b> Maximum	<b>850</b>	7.0	121.5	7.1	118.9	7.5	113.8	8.7	97.8

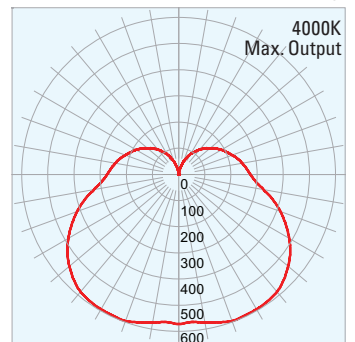
Diffuser



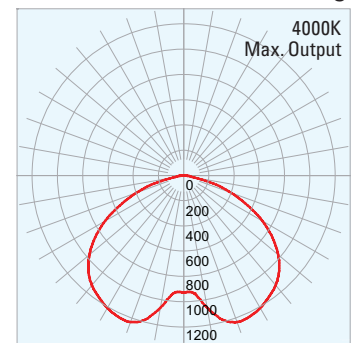
1/2" Drop



2" Drop



Batwing



\* See Starfire website for Product Limited Warranty



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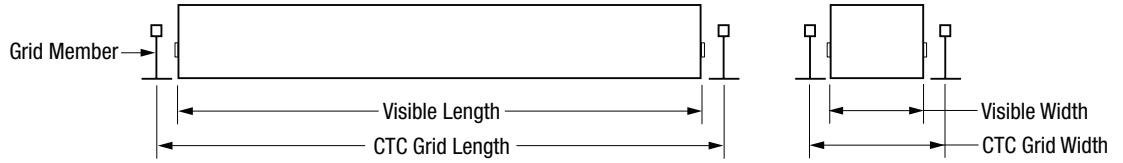


# 2" VersaLux LED Low Profile Slot, Flush Snap-in or Drop Lens

VL2-LO

## Ceiling Dimensions

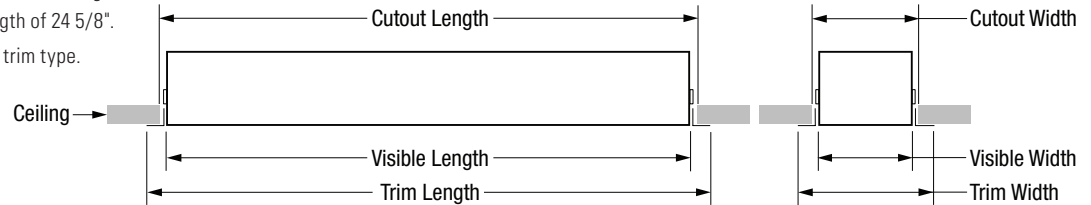
### Grid Ceiling Dimensions



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 <sup>(1)</sup>				Retrofit 1" Flange <sup>(2)</sup>			
			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	Grid Trim <sup>(3)</sup>				Retrofit Flangeless			
			Trim Length	Trim Width	Cutout Length	Cutout Width	Trim Length	Trim Width	Cutout Length	Cutout Width
24"	23 3/8"	2 3/8"	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"	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"	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"	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"	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"	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"	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"	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"	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 - 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.

<sup>(1)</sup> Fixture must be installed before ceiling.

<sup>(2)</sup> Fixture may be installed after ceiling.

<sup>(3)</sup> Grid Trim typically installed before ceiling or from above solid ceiling.



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