

1" LED Wet Location Slot

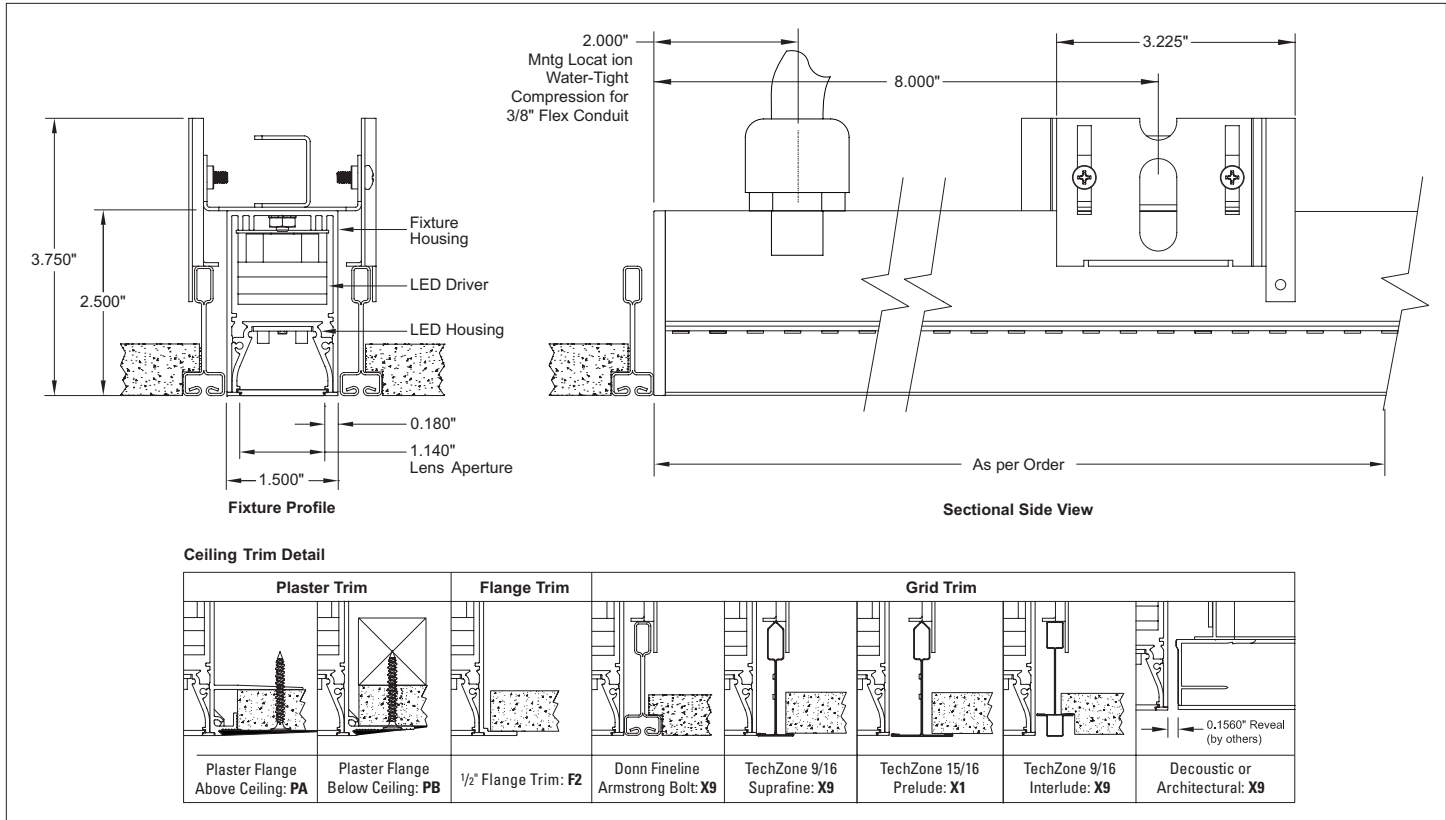
LED



Linear Narrow Profile
LED Recessed Slot with Flush Lens
and Internal Driver for Wet Locations

VLNW1

Job Name
Fixture Type



VLNW1-L						-W
CRI	Color	Output	Dimming	Length(")	Ceiling Trim	<i>(Finish)</i>
8 80+ 9 90+	27 2700K (90 CRI only) 30 3000K 35 3500K 40 4000K TW 2700K - 6500K	S Standard H High M Maximum Custom: Specify Lm/Ft ⁽¹⁾	S Std. 0-10V 1% L Lutron ⁽¹⁾ D DALI 1%	Nominal: 24 ⁽²⁾ 36 48 60 72 84 96 (see Page 3) Custom:* Cxxx (in inches)	PA Plaster Flange Above PB Plaster Flange Below F2 Flange 1/2" X9 9/16 Grid Trim X1 15/16 Grid Trim	

Product Code Example: **VLNW1-L830H-L-C120-X9-W**

A wet location, ultra-clean line, low profile, narrow aperture, linear recessed slot utilizing high performance LED boards and lenses. Extruded aluminum housing with internal driver. Special sealants and gaskets allow for use in wet locations, (horizontal mount lens facing down only).

Features

- Starfire's proprietary EvenGlow™ system provides uniform lens illumination from edge-to-edge without lamp imaging, bright spots or shadows at any length
- Fixtures fabricated to any specified length without custom engineering, maximum 96" per section
- Multiple sections can be joined having a single power feed. Lenses are not continuous
- Exceptional lumen per watt efficiency
- High efficiency, low cost, dynamic Tunable White option
- High performance acrylic flush diffusion lens

Fixture Specifications

- Housing: Heavy-duty extruded aluminum
- Finish: White (std), custom available
- Weight: Approx. 1.3 lbs per linear foot
- UL Listed, Wet Location

Electrical

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

Mounting

- Universal mounting brackets provided for grid or screw flange to blocking for plaster. Contact factory for alternate mounting

LED Specifications/Photometry: Page 2

Ceiling Dimensions: Page 3

* 96" maximum fixture sections

⁽¹⁾ Specify – Factory to confirm

⁽²⁾ Available in output levels of 400 lm/ft or greater only



STARFIRE LIGHTING, INC.
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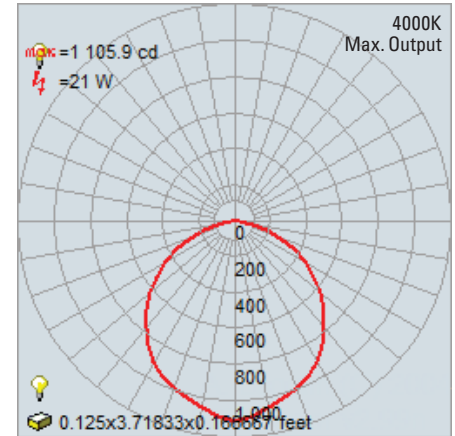
LED Narrow Profile Wet Location Slot – Flush Lens with Internal Driver

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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 200 and 1000 Lm/Ft)
- LED Efficiency: Up to 160 Lm/Wt at Maximum 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 with chip mixing
- 2700K, 3000K, 3500K, 4000K and Tunable White: 2700K-6500K
- CRI: 80+ or 90+
- L70: 50,000+ hours at Maximum output
- 5 year limited warranty*



Fixture Efficacy

80 CRI		4000K		3500K		3000K		2700K (90 CRI only)	
Output Setting	Lm/Ft	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt
S Standard	250	1.7	144.1	1.8	141.0	1.8	135.8	2.0	122.3
H High	500	3.6	138.7	3.7	136.0	3.8	130.5	4.3	115.6
M Maximum	750	5.6	133.0	5.7	130.6	6.0	125.1	6.9	108.9

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

* See Starfire website for Product Limited Warranty



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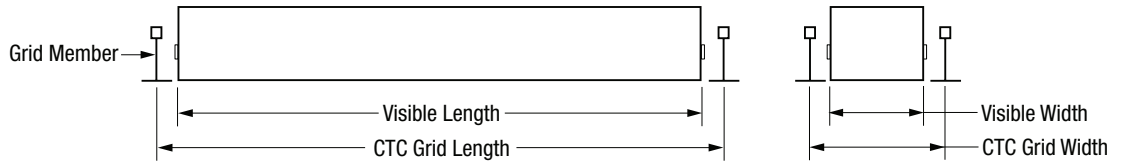
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Ceiling Dimensions

Grid Ceiling Dimensions



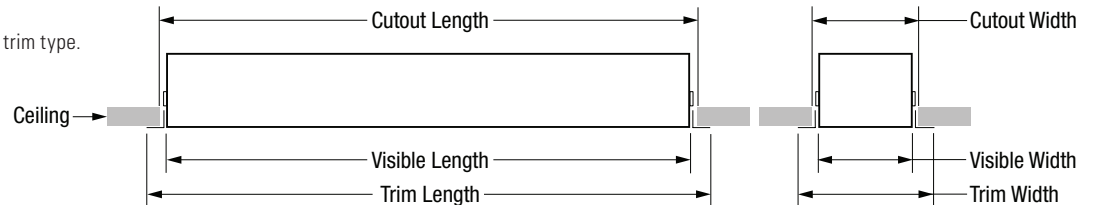
Order CTC Grid Length	9/16", Don Fineline, Decoustic			15/16"		
	Visible Length	Visible Width	CTC Grid Width	Visible Length	Visible Width	CTC Grid Width
24"	23 3/8"	1 1/2"	2 1/8"	23"	1 1/2"	2 1/2"
30"	29 3/8"	1 1/2"	2 1/8"	29"	1 1/2"	2 1/2"
36"	35 3/8"	1 1/2"	2 1/8"	35"	1 1/2"	2 1/2"
48"	47 3/8"	1 1/2"	2 1/8"	47"	1 1/2"	2 1/2"
60"	59 3/8"	1 1/2"	2 1/8"	59"	1 1/2"	2 1/2"
72"	71 3/8"	1 1/2"	2 1/8"	71"	1 1/2"	2 1/2"
84"	83 3/8"	1 1/2"	2 1/8"	83"	1 1/2"	2 1/2"
96"	95 3/8"	1 1/2"	2 1/8"	95"	1 1/2"	2 1/2"

Custom Fixture Length Example:

A 36" Nominal Order Length yields a 33 1/4" Visible Length.

For an exact 36" Visible Length, order "C36".

See charts below for length adjustments per trim type.



Solid Ceiling Dimensions

Nominal Order Length	Visible Length	Visible Width	Plaster Flange			
			Trim Length	Trim Width	Cutout Length	Cutout Width
24"	22 1/4"	1 1/2"	23"	4 1/4"	22 1/2"	1 7/8"
30"	27 3/4"	1 1/2"	28 1/2"	4 1/4"	28"	1 7/8"
36"	33 1/4"	1 1/2"	34"	4 1/4"	33 1/2"	1 7/8"
48"	44 5/16"	1 1/2"	45 1/16"	4 1/4"	44 9/16"	1 7/8"
60"	55 5/16"	1 1/2"	56"	4 1/4"	55 9/16"	1 7/8"
72"	71 7/8"	1 1/2"	72 5/8"	4 1/4"	72 1/8"	1 7/8"
84"	82 7/8"	1 1/2"	83 5/8"	4 1/4"	83 1/8"	1 7/8"
96"	93 7/8"	1 1/2"	94 5/8"	4 1/4"	94 1/8"	1 7/8"
Custom Order Length*	Order Length	1 1/2"	Order Length + 3/4"	4 1/4"	Order Length + 1/4"	1 7/8"

Nominal Order Length	Visible Length	Visible Width	1/2" Flange				Grid Trim (No Flange)			
			Trim Length	Trim Width	Cutout Length	Cutout Width	Trim Length	Trim Width	Cutout Length	Cutout Width
24"	22 1/4"	1 1/2"	23 1/4"	2 1/2"	22 5/8"	1 3/4"	22 9/16"	1 1/2"	22 11/16"	1 5/8"
30"	27 3/4"	1 1/2"	28 3/4"	2 1/2"	28 1/8"	1 3/4"	28 1/16"	1 1/2"	28 3/16"	1 5/8"
36"	33 1/4"	1 1/2"	34 1/4"	2 1/2"	33 5/8"	1 3/4"	33 9/16"	1 1/2"	33 11/16"	1 5/8"
48"	44 5/16"	1 1/2"	45 5/16"	2 1/2"	44 11/16"	1 3/4"	44 5/8"	1 1/2"	44 3/4"	1 5/8"
60"	55 5/16"	1 1/2"	56 5/16"	2 1/2"	55 11/16"	1 3/4"	55 5/8"	1 1/2"	55 3/4"	1 5/8"
72"	71 7/8"	1 1/2"	72 7/8"	2 1/2"	72 1/4"	1 3/4"	72 3/16"	1 1/2"	72 5/16"	1 5/8"
84"	82 7/8"	1 1/2"	83 7/8"	2 1/2"	83 1/4"	1 3/4"	83 3/16"	1 1/2"	83 5/16"	1 5/8"
96"	93 7/8"	1 1/2"	94 7/8"	2 1/2"	94 1/4"	1 3/4"	94 3/16"	1 1/2"	94 5/16"	1 5/8"
Custom Order Length*	Order Length	1 1/2"	Order Length + 1"	2 1/2"	Order Length + 3/8"	1 3/4"	Order Length + 5/16"	1 1/2"	Order Length + 7/16"	1 5/8"

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

Lengths over 96" consist of multiple individual sections joined together.

* Some exact lengths may include unobtrusive lens filler



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