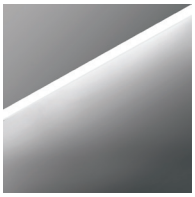
4" VersaLux LED Perimeter Wet Location Slot

LED

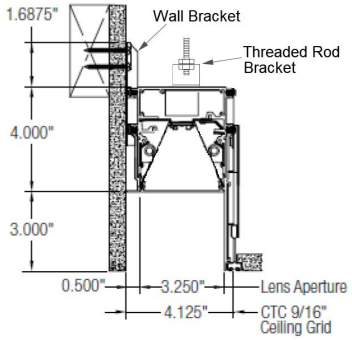


Linear LED Perimeter Slot with Regressed Snap-in Lens suitable for Wet Locations

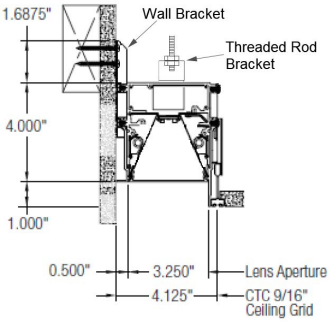
VRPW4

Job Name

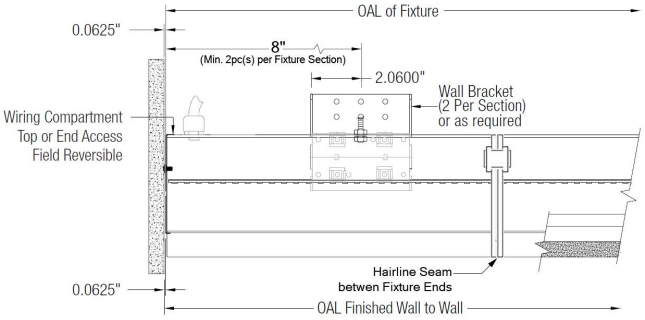
Fixture Type



Profile - 3" Regressed Lens

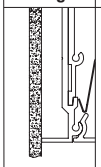
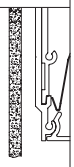


Profile - 1" Regressed Lens

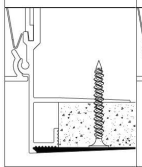
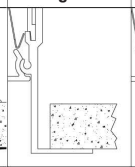
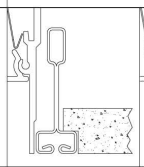
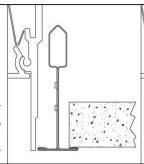
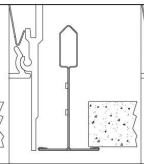
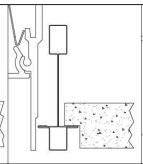
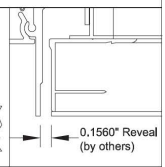


1" Regressed Lens (Ref)

Wall Trim Detail

Flange	Reveal
	
Flush to Wall: **F**	Reveal to Wall: **X**

Ceiling Trim Detail (1" Regressed Lens shown)

Plaster Trim	Flange Trim	Grid Trim				
						
Plaster Flange Above Ceiling: **PA***	1" Flange Trim: F1 *	Donn Fineline Armstrong Bolt: **X9**	TechZone 9/16 Suprafine: **X9**	TechZone 15/16 Prelude: **X1**	TechZone 9/16 Interlude: **X9**	Decoustic Wood: **X9**

VRPW4-L _____ _____ _____ _____ _____ - _____ - _____ - _____ - _____ _____

CRI	Color	Output	Dimming	Lens Depth	Length(")	Wall Trim	Ceiling Trim	Cbl. Feed	Finish
8 80+ **9** 90+ **R** RGB & RGBW	**27** 2700K (90 CRI only) **30** 3000K **35** 3500K **40** 4000K **TW** Tunable White [1] [2] **DW** Dim-to-Warm [1] [2] **GB** RGB Color **G3** RGBW White 3000K	**S** Standard **H** High **M** Maximum *Custom: Specify Lm/Ft* [3] **F** *Fixed for RGB & RGBW*	**S** Std. 0-10V 1% [2] **O** Dim-to-Off [1][2] **H** ECO 1% **D** DALI 1% [3] **P** POE [3] **2** Wire *(phase-cut)* **T** Step *(10%-70%)* **W** Wireless [3] **X** DMX for RGBs	**1** 1" Regressed **2** 2" Regressed [4] **3** 3" Regressed	*Nominal:* **24 36 48** **60 72 84** **96** *(see Page 3)* *Custom:* **Cxxx** *(in inches)*	**F** Flange **X** Reveal	**PA** Plaster Flange Above * **F1** Flange 1" * **X9** 9/16 Grid Trim **X1** 15/16 Grid Trim	**T** Top, Std. **E** End	**W** White Std **B** Black **Cxxx** *Custom Provide RAL#*

*** Fixture must be installed before ceiling.**

Product Code Example: **VRPW4-L830HS1-C120-F-F1-TW**

A wet location low profile perimeter slot creates an illuminated halo at the wall to ceiling transition as it baths the wall and casts a wash of light into the open space. The linear perimeter slot utilizes high performance LED boards, snap-in regressed lenses, and full reflectors. Special sealants and gaskets allow use in wet locations (horizonanal mount lens facing down) Choice of 1", 2"[4] or 3" regressed lens depth. Wall Flange with Ceiling Flange or Ceiling Plaster trim options allow closure of fixture to adjacent interfaces preventing water incursion, if required.

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, maximum 96" per section.
- Multiple sections can be joined having a single power feed.
- Sealed lens at section joints prevent wind dislodgement and dirt/insect incursion.
- Exceptional lumen per watt efficiency.
- High efficiency, low cost, Tunable White and Dim-to-Warm options.
- RGB & RGBW (White 3000K) option.
- Quick-Connect lighting modules plug together.
- Combine with welded corner Connectors to form small or large scaled patterns.

Fixture Specifications

- Housing/Trim: Heavy-duty extruded aluminum.
- Finish: White (std), custom available.
- Weight: Approx. 3.5 lbs. per linear foot.
- UL Listed, Wet Location.
- IP65 design rating.

Electrical

- Power consumption: Per specification based on LED configuration.
- Input Voltage: 120-277V universal driver.
- Ambient temperature: 100 °F maximum.
- Integral electronic drivers.
- DMX decoder & power supply in external Starfire provided enclosure. Optional NEMA wet version available
- Integral wiring bus between fixture sections
- Dimming: 0-10V 1% standard, contact factory for options
- RGB/W Dimming: DMX only

Mounting

- Mounting brackets provided. Contact factory for alternate mounting.

Options (Consult factory)

- Occupancy sensor, daylight control module [5]
- EM pack in 4ft segments Delivers 800+ total lumens for 90 mins. Specify location (+/- 2ft) at time of order. Status Indicator/Test Button in remote water tight box with clear cover.
- BAA/BABA compliance for some configurations – factory will advise.

LED Specifications/Photometry: Page 2

Ceiling Cutout: Refer to Page 3

[1] 90 CRI, 2700K-6500K std., others available. Specify CCT range.
[2] 0-10V Control std., others available – Specify (Factory to confirm).
[3] Specify – Factory to confirm
[4] X Trim Only
[5] Sensor must eb wet location rated.

STARFIRE LIGHTING, INC.
7 Donna Drive, Wood-Ridge, NJ 07075
starfirelighting.com

P 201.438.9540
F 201.438.9541

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White LEDs

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 1100 Lm/Ft) depending upon configuration.
  High output option*: Up to 1800 Lm/Ft, 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***

Tunable White LEDs

- Choice of lumen output levels:
  S: Standard, **H:** High, **M:** Maximum,
  C: Custom (between 200 and 1100 Lm/Ft) depending upon configuration.
- 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***
- Tunable range 2700K to 6500K other ranges available.
- Dim-To-Warm option warm range down to 1800K.

1" Regressed Lens

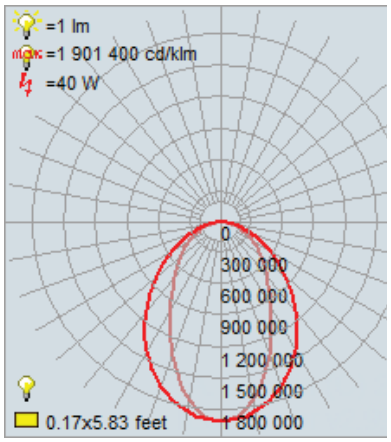
80 CRI		4000		3500		3000		2700	
Settings	Lm/ft	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt
S	500	4.0	124.4	4.1	120.9	4.3	117.4	4.6	108.5
H	750	6.2	121.0	6.4	117.5	6.6	114.0	7.2	104.4
M	1000	8.5	117.6	8.8	114.1	9.0	110.6	10.0	100.3

LV6

3" Regressed Lens

80 CRI		4000		3500		3000		2700	
Settings	Lm/ft	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt	Wt/Ft	Lm/Wt
S	500	4.4	112.6	4.6	109.4	4.7	106.2	5.1	98.0
H	750	6.9	109.2	7.1	106.0	7.3	102.8	8.0	93.9
M	900	8.4	107.1	8.7	103.9	8.9	100.7	9.8	91.5

LV6



RGB & RGBW LEDs

1" Regressed Lens

	Lm/Ft	Wt/Ft	Lm/Wt
RGB (all on)	**206**	10.4	25.1
White	**317**	3.9	81.8
RGBW (all on)	**577**	14.2	40.6

3" Regressed Lens

	Lm/Ft	Wt/Ft	Lm/Wt
RGB (all on)	**236**	10.4	22.8
White	**287**	3.9	74.2
RGBW (all on)	**523**	14.2	36.8

Output adjustable with DMX-512 Control

RGBW LEDs

- DMX mixing and intensity control
- LED Efficiency: Up to 80 Lm/Wt White at Max. output
- High Output Hybrid option static white + RGB
- DMX 512 Decoder with PWM LED control
- CV power supply
- Decoder and power supply may be remote (up to 35 feet)
- 5 year limited warranty***

* Consult factory for High Output White channel 1200+ Lm/Ft
** Does not apply to Tunable White
*** See Starfire website for Product Limited Warranty

IP 65

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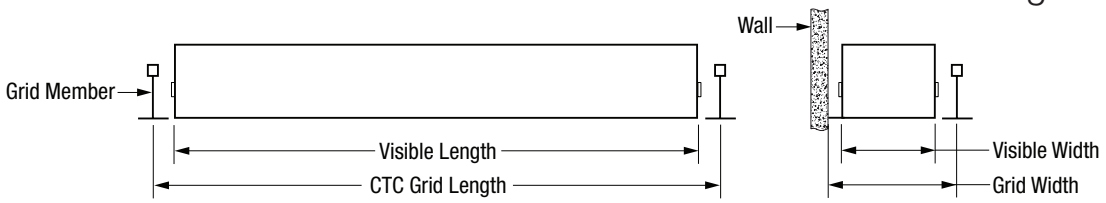
VRPW4 LED

Ceiling Dimensions

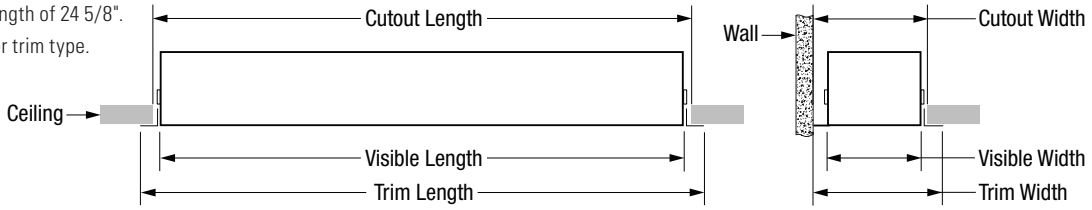


Grid Ceiling
Dimensions

	9/16", Don Fineline, Decoustic			15/16"		
Order CTC Grid Length	**Visible Length**	**Visible Width**	**Grid Width**	**Visible Length**	**Visible Width**	**Grid Width**
24"	23 3/8"	3 3/8"	4 1/8"	23"	3 3/8"	4 5/16"
30"	29 3/8"	3 3/8"	4 1/8"	29"	3 3/8"	4 5/16"
36"	35 3/8"	3 3/8"	4 1/8"	35"	3 3/8"	4 5/16"
48"	47 3/8"	3 3/8"	4 1/8"	47"	3 3/8"	4 5/16"
60"	59 3/8"	3 3/8"	4 1/8"	59"	3 3/8"	4 5/16"
72"	71 3/8"	3 3/8"	4 1/8"	71"	3 3/8"	4 5/16"
84"	83 3/8"	3 3/8"	4 1/8"	83"	3 3/8"	4 5/16"
90"	89 3/8"	3 3/8"	4 1/8"	89"	3 3/8"	4 5/16"
96"	95 3/8"	3 3/8"	4 1/8"	95"	3 3/8"	4 5/16"

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
Fixture must be installed before ceiling

			Plaster Flange				1" Flange			
Nominal Order Length	**Visible Length**	**Visible Width**	**Trim Length**	**Trim Width**	**Cutout Length**	**Cutout Width**	**Trim Length**	**Trim Width**	**Cutout Length**	**Cutout Width**
24"	23 3/8"	3 3/8"	26 3/32"	5 3/16"	24 1/4"	4 1/4"	25 1/8"	4 11/16"	24 1/4"	4 1/4"
30"	29 3/8"	3 3/8"	32 3/32"	5 3/16"	30 1/4"	4 1/4"	31 1/8"	4 11/16"	30 1/4"	4 1/4"
36"	35 3/8"	3 3/8"	38 3/32"	5 3/16"	36 1/4"	4 1/4"	37 1/8"	4 11/16"	36 1/4"	4 1/4"
48"	47 3/8"	3 3/8"	50 3/32"	5 3/16"	48 1/4"	4 1/4"	49 1/8"	4 11/16"	48 1/4"	4 1/4"
60"	59 3/8"	3 3/8"	62 3/32"	5 3/16"	60 1/4"	4 1/4"	61 1/8"	4 11/16"	60 1/4"	4 1/4"
72"	71 3/8"	3 3/8"	74 3/32"	5 3/16"	72 1/4"	4 1/4"	73 1/8"	4 11/16"	72 1/4"	4 1/4"
84"	83 3/8"	3 3/8"	86 3/32"	5 3/16"	84 1/4"	4 1/4"	85 1/8"	4 11/16"	84 1/4"	4 1/4"
90"	89 3/8"	3 3/8"	92 3/32"	5 3/16"	90 1/4"	4 1/4"	91 1/8"	4 11/16"	90 1/4"	4 1/4"
96"	95 3/8"	3 3/8"	98 3/32"	5 3/16"	96 1/4"	4 1/4"	97 1/8"	4 11/16"	96 1/4"	4 1/4"
Custom Order Length	Order Length – 5/8"	3 3/8"	Order Length + 2 3/32"	5 3/16"	Order Length + 1/4"	4 1/4"	Order Length + 1 1/8"	4 11/16"	Order Length + 1/4"	4 1/4"

			Grid Trim (No Flange)			
Nominal Order Length	**Visible Length**	**Visible Width**	**Trim Length**	**Trim Width**	**Cutout Length**	**Cutout Width**
24"	23 3/8"	3 3/8"	23 3/8"	3 13/16"	23 1/2"	3 7/8"
30"	29 3/8"	3 3/8"	29 3/8"	3 13/16"	29 1/2"	3 7/8"
36"	35 3/8"	3 3/8"	35 3/8"	3 13/16"	35 1/2"	3 7/8"
48"	47 3/8"	3 3/8"	47 3/8"	3 13/16"	47 1/2"	3 7/8"
60"	59 3/8"	3 3/8"	59 3/8"	3 13/16"	59 1/2"	3 7/8"
72"	71 3/8"	3 3/8"	71 3/8"	3 13/16"	71 1/2"	3 7/8"
84"	83 3/8"	3 3/8"	83 3/8"	3 13/16"	83 1/2"	3 7/8"
90"	89 3/8"	3 3/8"	89 3/8"	3 13/16"	89 1/2"	3 7/8"
96"	95 3/8"	3 3/8"	95 3/8"	3 13/16"	95 1/2"	3 7/8"
Custom Order Length	Order Length – 5/8"	3 3/8"	Order Length – 8/8"	3 13/16"	Order Length – 1/2"	3 7/8"

For lengths over 96", consult factory regarding cutout dimensions

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