Zynn 3" Lines - Wet Location

AES12443 3.00 in | Flange

JOB NAME:

TYPE:

NOTES:

DESCRIPTION

TRIM FLANGE MOUNT: Engineered for vertical and horizontal mounting, our IP66 recessed wall & ceiling fixture has unique fully luminous 90-degree corners, uniform illumination, no visible hardware, and is designed to withstand prolonged moisture exposure, extreme heat, and the bitter cold. The Zynn 3" Lines - Wet Location is the perfect fixture for building facades, awnings, and natatorium applications; and is one of the most versatile wet location linear products on the market.

TRIM FLANGE MOUNT

FEATURES & BENEFITS

- IP66 Recessed Wall & Ceiling

- Vertical & Horizontal Mount

- Fully luminous 90-degree corners

- No visible fasteners

- Mount individually or create continuous lines of light

- Natatorium construction

- Uniform illumination, no visible shadowing or view of diodes

- Acrylic diffuser resists yellowing
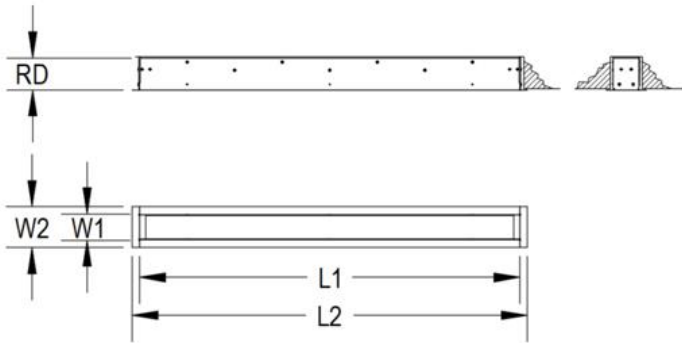
- Handcrafted in USA, BABA Compliant

SPECIFICATIONS

- **LIGHT SOURCE:** White LED light engine

- **CRI:** 80+ or 90+

- **INGRESS PROTECTION:** IP66

- **LUMEN MAINTENANCE:** L70 = >50,000 Hrs.

- **EFFICACY:** 86 lm/W delivered

- **CCT**: 2700K, 3000K, 3500K, 4000K, or 5000K

- **VOLTAGE:** 120-277V standard

- **DRIVER:** Integral Class 2 power supply

- **DIMMING:** 0-10V controls standard to 1% on LED light engines

- **CONTROLS:** Contact factory for control options (e.g., Lutron Athena, Current NX, nLight, Enlighted, Encelium, Wattstopper, WaveLinx, or Casambi)

- **MAX AMBIENT OPERATING TEMP:** 50°C (122°F)

- **MIN AMBIENT OPERATING TEMP:** -20°C (-4°F)

- **INTEGRATED SURGE PROTECTION:** LED components are protected against minor surge events

- **DIFFUSER:** Diffused acrylic

- **CONSTRUCTION:** 2', 3', and 4' lengths have a seamless housing and diffuser. 6' and 8' lengths are fabricated with a two-part modular light engine and have a seamless diffuser and housing. Housing fabricated from aluminum. Corrosion resistant fasteners.

- **FINISH:** Housing is finished to your specification. Choose from 26 standard thermoset polyester powder coat paint colors. RAL®, Pantone®, or custom finishes available upon request.

- **MODIFICATIONS:** Consult factory for all modification requests, including alternate lengths or remote drivers

- **APPROVALS:** ETL listed to UL standards (US & Canada) for use in wet locations. Not rated for Insulation Contact.

DIMENSIONS

2FT	L1	L2	RD	W1	W2
	24 in	26 in	4 in	3.2 in	5.1 in
	61 cm	66 cm	10.2 cm	8.1 cm	13 cm
Mounting Weight: Approximate: 10 lb (5 kg)					

3FT	L1	L2	RD	W1	W2
	36 in	38 in	4 in	3.2 in	5.1 in
	91.4 cm	96.5 cm	10.2 cm	8.1 cm	13 cm
Mounting Weight: Approximate: 13 lb (6 kg)					

4FT	L1	L2	RD	W1	W2
	48 in	50 in	4 in	3.2 in	5.1 in
	121.9 cm	127 cm	10.2 cm	8.1 cm	13 cm
Mounting Weight: Approximate: 15 lb (7 kg)					

6FT	L1	L2	RD	W1	W2
	72 in	74 in	4 in	3.2 in	5.1 in
	182.9 cm	188 cm	10.2 cm	8.1 cm	13 cm
Mounting Weight: Approximate: 26 lb (12 kg)					

8FT	L1	L2	RD	W1	W2
	96 in	98 in	4 in	3.2 in	5.1 in
	243.8 cm	248.9 cm	10.2 cm	8.1 cm	13 cm
Mounting Weight: Approximate: 30 lb (14 kg)					

CONFIGURATOR

To configure your spec sheet online, go to www.spilighting.com/AES12443. Not all options are available in all configurations; consult factory for details.

Required Field *

Catalog	Light Source*	Primary Finish*	Voltage	Lamp Options	CRI	Mounting	Linear Run	Options
AES12443								
	A	B	C	D	E	F	G	

A - LIGHT SOURCE *

To ensure color consistency, SPI uses precise bin selection and strict quality processes to maintain a 3-step (MacAdam) SDCM on all white LED lampings. Published LED luminaire wattages are calculated using a typical power supply efficiency of 88%; exact wattages may vary based on application. Alternative wattages available upon request.

2 FOOT NOMINAL FIXTURE

☐ **2FT-L14W |** White 14W LED Light Engine| Delivered Lumens: 1,204

☐ **2FT-L28W |** White 28W LED Light Engine| Delivered Lumens: 2,408

3 FOOT NOMINAL FIXTURE

☐ **3FT-L21W |** White 21W LED Light Engine| Delivered Lumens: 1,806

☐ **3FT-L42W |** White 42W LED Light Engine| Delivered Lumens: 3,612

4 FOOT NOMINAL FIXTURE

☐ **4FT-L28W |** White 28W LED Light Engine| Delivered Lumens: 2,408

☐ **4FT-L56W |** White 56W LED Light Engine| Delivered Lumens: 4,816

6 FOOT NOMINAL FIXTURE

☐ **6FT-L42W |** White 42W LED Light Engine| Delivered Lumens: 3,612

☐ **6FT-L84W |** Whtie 84W LED Light Engine| Delivered Lumens: 7,224

8 FOOT NOMINAL FIXTURE

☐ **8FT-L56W |** White 56W LED Light Engine | Delivered Lumens: 4,816

☐ **8FT-L112W |** White 112W LED Light Engine| Delivered Lumens: 9,632

See last page for finish options

B - VOLTAGE

☐ 120-277V **|** Universal Voltage

C - LAMP OPTIONS

Delivered lumens shown are at 4000K CCT; apply multiplier for delivered lumens at other CCT.

☐ 2700K **|** 2700K CCT
☐ 3000K **|** 3000K CCT
☐ 3500K **|** 3500K CCT
☐ 4000K **|** 4000K CCT
☐ 5000K **|** 5000K CCT

	80 CRI	90 CRI
2700K	0.91	0.77
3000K	0.94	0.80
3500K	0.97	0.82
4000K	1.00	0.85
5000K	1.00	0.85

D - CRI

☐ 80 | (default)
☐ 90

E - MOUNTING

Fits within a 3.5" deep wall/ceiling cavity.

☐ REC | Recessed Mount with Trim Flange (default)

F - LINEAR RUN

Runs have a 1/8" expansion gap between diffusers. The light is continuous.

☐ RUN | Continuous Run **OAL** | Specify Length of Run   Length:

G - OPTIONS

When the NAT option is selected, you can feel confident that the luminaire specified is designed with high-quality materials that will withstand the corrosive environment of indoor pools. Electrical components are protected from moisture and the fixture has been tested to operate in warm ambient temperatures.

☐ NAT | Natatorium Construction
☐ F | Fusing

Standard Finishes

The colors shown are representative. Their actual appearance may vary due to differences in display settings. You can request color chips by emailing contact@spilighting.com. Please note, finishes may not be available in all configurations.

Paint Colors

PT01 RAL9003 Signal White (Gloss)	**PT51** Matte White (Textured)	**PT02** White (Textured)	**PT04** RAL9001 Cream (Textured)	**PT67** RAL7044 Silk Grey (Textured)
PT53 RAL7035 Light Grey (Textured)	**PT54** RAL7037 Dusty Grey (Textured)	**PT55** RAL7012 Basalt Grey (Textured)	**PT56** RAL7016 Anthracite Grey (Textured)	**PT11** Black (Textured)
PT57 RAL1015 Light Ivory (Textured)	**PT58** RAL8004 Copper Brown (Textured)	**PT59** RAL6021 Pale Green (Textured)	**PT60** RAL1019 Grey Beige (Textured)	**PT61** RAL7006 Beige Grey (Textured)
PT62 RAL1003 Signal Yellow (Textured)	**PT63** RAL3001 Signal Red (Textured)	**PT64** RAL6001 Emerald Green (Textured)	**PT65** RAL5005 Signal Blue (Textured)	**PT66** RAL5003 Sapphire Blue (Textured)

Metallic Paint Colors

PT22 Platinum (Metallic Gloss)	**PT48** Brass (Metallic Textured)	**PT28** Dark Stainless (Metallic Gloss)	**PT49** Bronze (Metallic Textured)	**PT32** Dark Bronze (Metallic Gloss)
PT46 Aluminum (Metallic Textured)				

Specialty Finishes

More RAL®, Pantone®, and custom finishes are available upon request. Setup fee and additional lead time applies.Call factory for details.