

# Zynn Ring Tiers

AIP12166 58.60 in

JOB NAME:

TYPE:

NOTES:

## DESCRIPTION

Combine 2', 3', 4', and 5' Zynn Rings into a unified design element with this versatile four-tiered chandelier. Each ring's slim 1.25" cross-section carefully balances visual comfort with performance, making this more than a work of art. Seamless construction and nearly invisible energized cables add a new level of refinement that's essential to your most important projects. Beyond that, adjustable cables give you the freedom to configure a special look that flows with your design. Create tiered, orbiting, or cascading configurations all with the same fixture. Also available in three-tier configurations. Other configurations available upon request.

## FEATURES & BENEFITS

- One of the slimmest ring profiles on the market
- Seamless body and seamless diffuser with no pixelation
- Diffuser sits slightly regressed (.03") from bottom edge of fixture
- Exceptionally clean visual appearance from all angles
- Go cordless with 1mm energized cable mounting options
- Cables are field adjustable (up to OAH) enabling multiple looks with the same fixture
- Available in direct or semi-direct distributions
- Pairs well with other slimline products in the Zynn family
- Handcrafted in USA

## SPECIFICATIONS

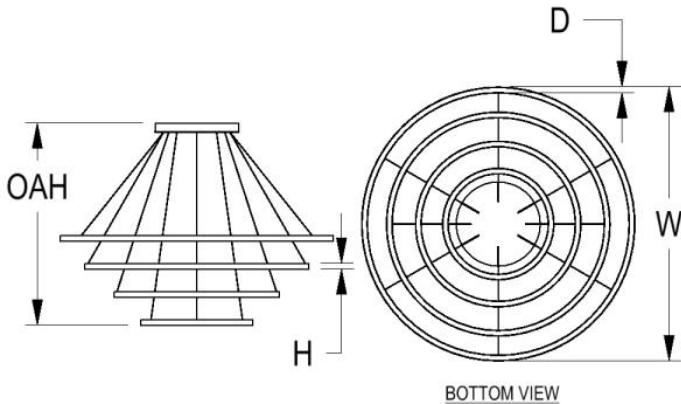
- **LIGHT SOURCE:** White LED light engine
- **CRI:** 80+ or 90+
- **LUMEN MAINTENANCE:** L70 = >50,000 Hrs.
- **EFFICACY:** Up to 59 lm/W delivered with power cord
- **CCT:** 2700K, 3000K, 3500K, 4000K, 5000K
- **VOLTAGE:** 120-277V standard
- **DRIVER:** Class 2 power supply integrated in canopy. See mounting section for max driver distances.
- **DIMMING:** 1% minimum dim level standard
- **CONTROLS:** 0-10V standard. Lutron Athena, Current NX, and nLight AIR optional. Contact factory for other controls (e.g.,



Enlighted, Encelium, Wattstopper, WaveLinx, or Casambi)

- **EMERGENCY:** Remote battery option is provided with 10W Constant Power Battery back-up, providing 90 Minutes of Emergency operation. Contact factory for other Emergency options.
- **INTEGRATED SURGE PROTECTION:** LED components are protected against minor surge events
- **DIFFUSER:** Matte opal acrylic
- **CONSTRUCTION:** Housing fabricated from 6000 series aluminum extrusion
- **FINISH:** Housing and canopy finished to match. To specify separately, contact factory. Choose from 26 standard thermoset polyester powder coat paint colors or various metal finishes. RAL®, Pantone®, or custom finishes available upon request.
- **MODIFICATIONS:** Consult factory for all modification requests, including alternate number of tiers or ring sizes and remote driver options
- **APPROVALS:** ETL listed to UL standards (US & Canada) for use in dry locations with use of energized cables or damp locations with use of power cord; not suitable for exterior applications

## DIMENSIONS



W	H	D	OAH
58.6 in	1.2 in	1.2 in	54 in
148.8 cm	3 cm	3 cm	137.2 cm

**Mounting Weight**  
Approximate: 50 lb (23 kg)

## CONFIGURATOR

To configure your spec sheet online, go to [www.spilighting.com/AIP12166](http://www.spilighting.com/AIP12166). Not all options are available in all configurations; consult factory for details.

### Required Field \*

Catalog	Light Source*	Primary Finish*	Voltage*	Lamp Options*	CRI*	Controls*	Mounting*	Emergency	Optical Distribution*	Other Than Standard Options
AIP12166	A		B	C	D	E	F	G	H	I

## A - LIGHT SOURCE \*

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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. Published luminaire wattages are for fixtures with power cord or "zero length" energized cables. When choosing energized cables, fixture wattages increase 6W per foot of OAH for low output and 15W per foot of OAH for high output. Voltage drop in energized cables reduces fixture efficacy; minimize OAH or choose an aircraft cable and power cord mounting to maximize efficacy. Alternative wattages available upon request.

**L152W** | White 152W LED Light Engine | Delivered Lumens: 9,004

**L284W** | White 284W LED Light Engine | Delivered Lumens: 16,823

See last page for finish options

## B - VOLTAGE \*

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**120-277V** | Universal Voltage

## C - LAMP OPTIONS \*

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Apply multiplier from chart for delivered lumens at other CCT's and CRI's.

**2700K** | 2700K CCT

**3000K** | 3000K CCT

**3500K** | 3500K CCT

**4000K** | 4000K CCT

**5000K** | 5000K CCT

	80 CRI	90 CRI
2700K	1.00	0.84
3000K	1.00	0.84
3500K	1.00	0.84
4000K	1.00	0.84
5000K	1.00	0.84

## D - CRI \*

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**DF\_80** | (default)

**90**

## E - CONTROLS \*

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Extended lead times may apply for controls other than 0-10V. Contact factory for additional control options such as Enlighted, Encelium, Wattstopper, Wavelinx, Casambi, or others.

**DF\_DIM1** | 0-10V Control, 1% Dimming (default)

**AWN<sup>1</sup>** | Lutron Athena Wireless Node, 1% Dimming

**NX<sup>1</sup>** | Current NX Wireless, 1% Dimming

**NLTA<sup>1</sup>** | Acuity nLight Air, 1% Dimming

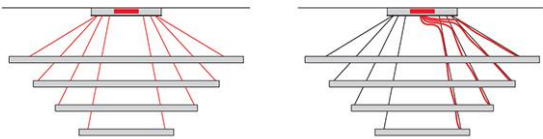
<sup>1</sup> Canopy dimensions may change.

## F - MOUNTING \*

MCE max distance to the driver (including OAH) is 15' for low output and 7' for high output. MCP max distance to the driver (including OAH) is: #18 AWG = 50', #16 AWG = 75', #14 AWG = 100'. For extended distances, contact factory. Mounts to standard 4" octagonal junction box. Field adjustable cables allow fixture to be mounted at an application appropriate height (up to OAH). Luminaire shown above features MCE mounting. For straight cable options, see catalogs AIP12094, AIP12095, AIP12096, and AIP12097. Please choose one:

- MCE**<sup>2</sup> | 18" Monopoint Canopy with Power Supply & Energized Cables
- MCP**<sup>2</sup> | 18" Monopoint Canopy with Power Supply & Aircraft Cables with 4 White Power Cords

<sup>2</sup> Minimum adjustable cable length of each tier is half the diameter of the ring



MCE

MCP

## G - EMERGENCY

10W, Constant Power Battery Back-up, with 90 minutes of emergency operation. EMR includes damp location enclosure for Battery back-up.

- EMR** | Emergency Battery Remote

## H - OPTICAL DISTRIBUTION \*

Choose DID option for 80% down/20% up distribution on the largest ring. Uplight slits with a matte opal diffuser added to top of housing, as shown below.

- DF\_DIR** | Direct
- DID**<sup>3</sup> | Direct / Indirect

<sup>3</sup> Apply .92 multiplier to largest ring for delivered lumens



DID

## I - OTHER THAN STANDARD OPTIONS

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Specify overall height required from ceiling to the bottom of the fixture.

**OAH** | Pendant suspension length other than standard Length:

## 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](mailto:contact@spilighting.com). Please note, finishes may not be available in all configurations.

### Paint Colors

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

### Metallic Paint Colors

<b>PT22</b> Platinum (Metallic Gloss)	<b>PT48</b> Brass (Metallic Textured)	<b>PT28</b> Dark Stainless (Metallic Gloss)	<b>PT49</b> Bronze (Metallic Textured)	<b>PT32</b> Dark Bronze (Metallic Gloss)
<b>PT46</b> Aluminum (Metallic Textured)				

### Brushed Aluminum

<b>BAL</b> Brushed Aluminum	<b>MAL</b> Microbrushed Aluminum
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## Specialty Finishes



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