AERA SHALO 3"
RECESSED ADJUSTABLE

Lumenwerx

5 YEAR WARRANTY

Flanged Trim

Trimless

Flanged Trim Cut Cone

Trimless Cut Cone

Aera Shalo is a family of ultra-shallow downlights designed for spaces with limited plenum height. At only 2" deep, Aera Shalo delivers the same optical precision, visual comfort, and below-ceiling serviceability that define the Aera Collection. Available in 2", 3", and 4" apertures, it offers a consistent aesthetic across multiple mounting types and distributions.
The Aera Shalo Adjustable downlight allows precise aiming through a lockable tilt and rotation mechanism. Adjustments can be made quickly using a Phillips screwdriver, and beam quality remains consistent at every angle.

Aera Shalo Brochure

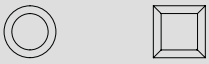
LOW PROFILE COLLECTION

UP TO 30° TILT

INFINITE ROTATION

Beam Angles

Shapes


Round Square

Light Source

Static White	SOLA	DUO
Full spectrum static white		

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RECESSED ADJUSTABLE

Lumenwerx

Project: _____

Type: _____

Order Guide - Static White

For SOLA Dim-to-Warm and DUO Tunable White order guide, see page 3

LUMINAIRE ID [1]	TRIM STYLE	BAFFLE FINISH	TRIM FINISH Specify NA for trimless	LENS [4] At baffle
ASH3RRA - Aera Shalo 3" Round Recessed Adjustable **ASH3SRA** - Aera Shalo 3" Square Recessed Adjustable [1] Fixed and Wall Wash also available. Consult other spec sheets.	**TRM** [2] - Flanged trim **TLMP** [2] - Trimless drywall mudplate **TRMC** [3] - Flanged trim cut cone **TLMPC** [3] - Trimless cut cone drywall mudplate [2] 20° maximum tilt. [3] 30° maximum tilt.	**FTMW** - Matte white **FTMB** - Matte black **FSPC** - Satin silver **FSSPC** - Matte silver **FCHP** - Champagne **FDBZ** - Dark bronze **FPF** - Primer finish **CF#** - Custom finish, specify RAL#	**FTMW** - Matte white **FTMB** - Matte black **FSPC** - Satin silver **FSSPC** - Matte silver **FCHP** - Champagne **FDBZ** - Dark bronze **FPF** - Primer finish **CF#** - Custom finish, specify RAL# **NA** - Not applicable	**SDL** - Soft diffused lens, Solite **FDL** - Frosted diffused lens **CL** - Clear lens **NOL** - No lens **+WET** [5,6] - Wet location [4] See page 4 for details. [5] Must be specified with the TRM or TRMC trim option, and either SDL, FDL, or CL lens option. [6] To specify, add +WET to the selected lens option, e.g. SDL+WET.

LIGHT SOURCE	BEAM	OPTICAL ACCESSORIES [8] At light element	CRI	COLOR TEMP.	VOLTAGE
SW [7] - Static white **FS** [7] - Full spectrum static white [7] 2-step	**15DEG** - 15° Narrow spot **25DEG** - 25° Spot **35DEG** - 35° Narrow flood **50DEG** - 50° Wide flood	**LSDL** [9] - Soft diffused lens, Solite **LFDL** [9] - Frosted diffused lens **LS** - Linear spread **HEX** - Hex louver **NA** - None [8] See page 4 for details.. [9] Only available with CL or NOL lens options.	Static white **80CRI** - 80+ CRI **90CRI** - 90+ CRI **95CRI** - 95+ CRI Full spectrum **95CRI** - 95+ CRI	**24K** [10] - 2400K **27K** - 2700K **30K** - 3000K **35K** - 3500K **40K** - 4000K **50K** [10] - 5000K [10] Not available with 95+ CRI.	**120V** - 120V **277V** - 277V **UNV** - 120V-277V **347V** [11] - 347V [11] Available with RD1 driver only. Please consult factory.

WATTAGE [12]	DIMMING		INSTALLATION TYPE	MOUNTING OPTION [19]
7W - 7 W output **10W** - 10 W output **14W** [13] - 14 W output [12] Lumen outputs are reduced with full spectrum, consult factory. [13] Not available with IC/CP.	**INTEGRAL** **D1** - 1% 0-10V **ELV** [14] - ELV 120V **TRI** [14] - TRIAC 120V **DA** [15] - DALI **ELD1** - eldoLED 1% ECOdrive 0-10V **ELD0** - eldoLED 0.1% SOLOdrive 0-10V	**REMOTE** [16] **RD1** - 1% 0-10V **RELV** [14] - ELV 120V **RTRI** [14] - TRIAC 120V **RLDE1** [15] - Lutron Hi-lume 1% Eco **RDA** [15] - DALI **RELD1** - eldoLED 1% ECOdrive 0-10V **RELD0** - eldoLED 0.1% SOLOdrive 0-10V **+EB** [17] - Emergency battery	**IC** - Type-IC **NIC** - Type Non-IC **CP** [18] - Chicago Plenum Type-IC (CCEA) [18] Consult factory for Chicago Plenum Type Non-IC for wattages up to 14 W.	**ASB** - Adjustable standard bar hangers **ASB6** - Adjustable standard bar hangers for 6" wide grid system **FMB** - Flush mount bars **ACB** - Adjustable commercial bar hangers **NA** - No bar hangers [19] See page 7 for more details.

[14] Available with 120V only
[15] On-site commissioning is required.
[16] A remote driver box is provided.
[17] To specify, add +EB to the selected dimming option, e.g. RD1+EB.

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AERA SHALO 3"
RECESSED ADJUSTABLE

Lumenwerx

Project: _____

Type: _____

Order Guide - SOLA Dim-to-Warm and DUO Tunable White

For static white order guide, see page 2

LUMINAIRE ID [1]	TRIM STYLE	BAFFLE FINISH	TRIM FINISH Specify NA for trimless	LENS [4] At baffle
ASH3RRA - Aera Shalo 3" Round Recessed Adjustable **ASH3SRA** - Aera Shalo 3" Square Recessed Adjustable [1] Fixed and Wall Wash also available. Consult other spec sheets.	**TRM** [2] - Flanged trim **TLMP** [2] - Trimless drywall mudplate **TRMC** [3] - Flanged trim cut cone **TLMPC** [3] - Trimless cut cone drywall mudplate [2] 20° maximum tilt. [3] 30° maximum tilt.	**FTMW** - Matte white **FTMB** - Matte black **FSPC** - Satin silver **FSSPC** - Matte silver **FCHP** - Champagne **FDBZ** - Dark bronze **FPF** - Primer finish **CF#** - Custom finish, specify RAL#	**FTMW** - Matte white **FTMB** - Matte black **FSPC** - Satin silver **FSSPC** - Matte silver **FCHP** - Champagne **FDBZ** - Dark bronze **FPF** - Primer finish **CF#** - Custom finish, specify RAL# **NA** - Not applicable	**SDL** - Soft diffused lens, Solite **FDL** - Frosted diffused lens **CL** - Clear lens **NOL** - No lens **+WET** [5,6] - Wet location [4] See page 4 for details. [5] Must be specified with the TRM or TRMC trim option, and either SDL, FDL, or CL lens option. [6] To specify, add +WET to the selected lens option, e.g. SDL+WET.

LIGHT SOURCE	BEAM	OPTICAL ACCESSORIES [8] At light element	CRI	COLOR TEMP.	VOLTAGE
SOLA [7] - Dim-to-warm single channel control **DUO** [7] - Tunable white 2-channel control [7] 3-step	**25DEG** - 25° Spot **35DEG** - 35° Narrow flood **50DEG** - 50° Wide flood	**LSDL** [9] - Soft diffused lens, Solite **LFDL** [9] - Frosted diffused lens **LS** - Linear spread **HEX** - Hex louver **NA** - None [8] See page 4 for details.. [9] Only available with CL or NOL lens options.	**90CRI** **90CRI** - 90+ CRI	SOLA **30K18K** - 3000K to 1800K **27K18K** - 2700K to 1800K DUO **65K27K** - 6500K to 2700K **50K27K** - 5000K to 2700K	**120V** - 120V **277V** - 277V **UNV** - 120V-277V

WATTAGE	DIMMING		INSTALLATION TYPE	MOUNTING OPTION [14]
			NIC	
SOLA **14W** - 14 W output DUO **14W** - 14 W output	**INTEGRAL** SOLA **SD1** - Single 0-10V input **SELV** [10] - ELV 120V **STRI** [10] - TRIAC 120V DUO **DD1** - Dual 0-10V input for CCT/intensity	**REMOTE** [11] SOLA **RSD1** - Single 0-10V input **RSELV** [10] - ELV 120V **RSTRI** [10] - TRIAC 120V DUO **RDMX** [12] - DMX **RDDA** [12] - DALI DT6 **RDDA8** [12] - DALI DT8 **RDD1** - Dual 0-10V input for CCT/intensity **RLD2** [12] - Lutron DALI-2 digital **+EB** [13] - Emergency battery	**NIC** - Type Non-IC	**ASB** - Adjustable standard bar hangers **ASB6** - Adjustable standard bar hangers for 6" wide grid system **FMB** - Flush mount bars **ACB** - Adjustable commercial bar hangers **NA** - No bar hangers [14] See page 7 for more details.

[10] Available with 120V only.
[11] A remote driver box is provided.
[12] On-site commissioning is required.
[13] To specify, add +EB to the selected dimming option, e.g. RD1+EB.

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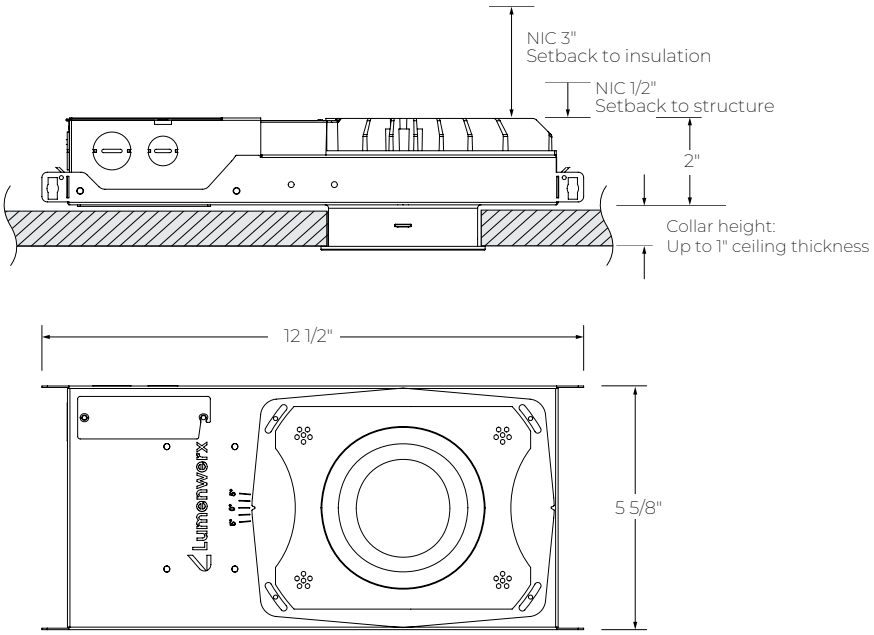
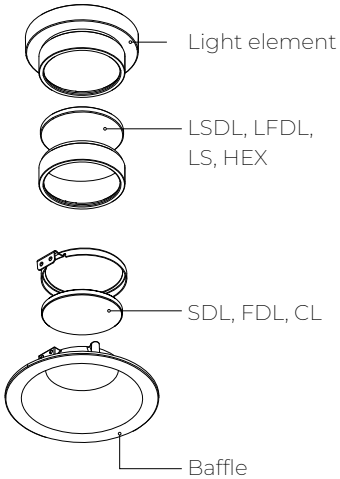
Housing Dimensions

Minimum plenum height - 2" (FMB, ASB6); 4 3/16" (ASB, ACB)



* Bar hangers are not shown in the drawing.

LENS AND ACCESSORIES



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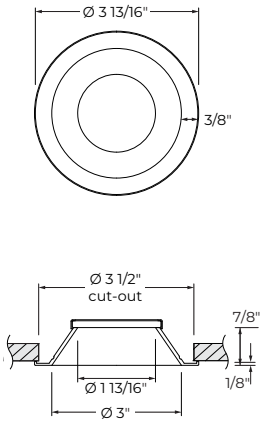
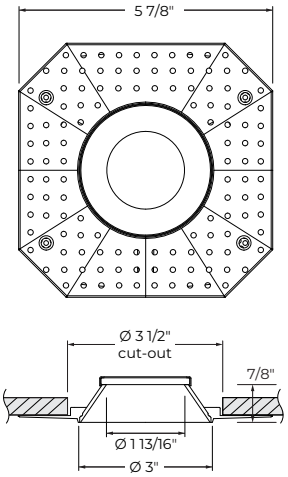
Trim Details

Round

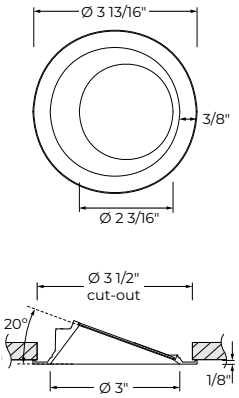
TRM - Flanged trim



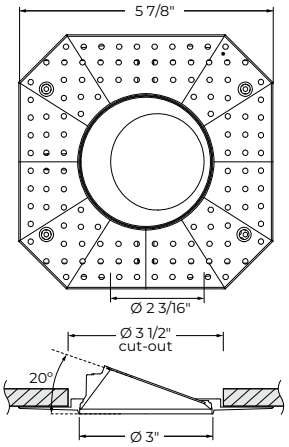
TLMP - Trimless drywall mudplate



TRMC - Flanged trim cut cone

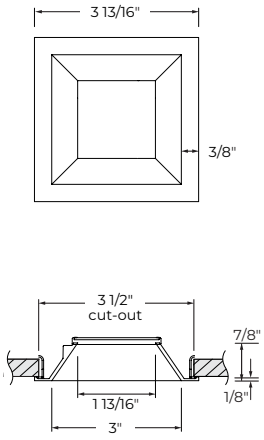


TLMPC - Trimless cut cone drywall mudplate

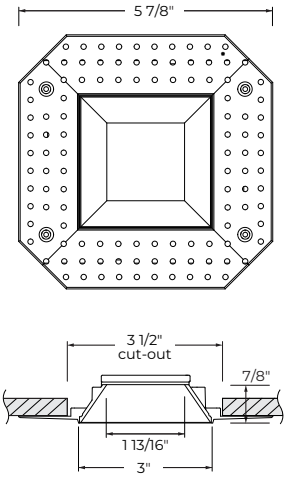


Square

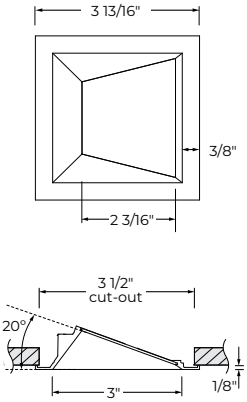
TRM - Flanged trim



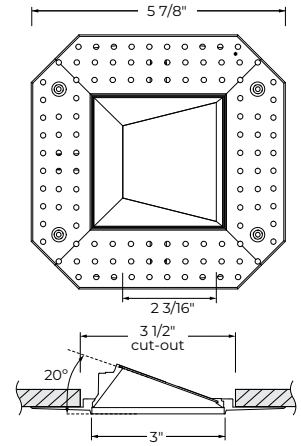
TLMP - Trimless drywall mudplate



TRMC - Flanged trim cut cone



TLMPC - Trimless cut cone drywall mudplate



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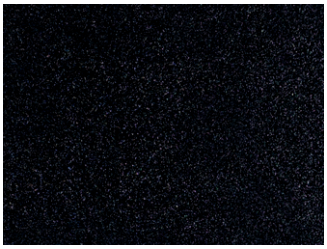
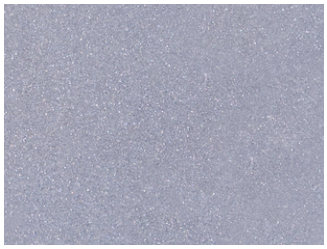
Finishes

FTMW - Matte white



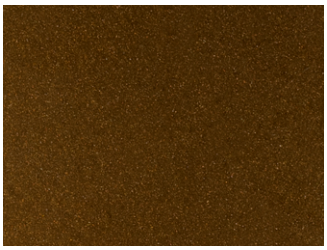
FTMB - Matte black

FSPC - Satin silver



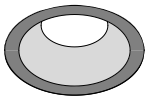
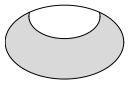
FSSPC - Matte silver

FCHP - Champagne



FDBZ - Dark bronze

FPF - Primer finish

TRM - Flanged trim **TRMC** - Flanged trim cut cone	**TLMP -** Trimless drywall mudplate **TLMPC** - Trimless cut cone drywall mudplate
	
Baffle finish Trim flange finish	

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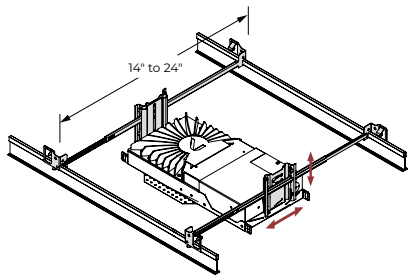
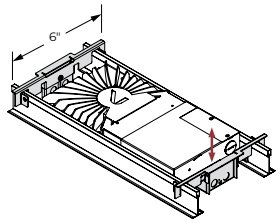
Mounting Options

ASB - Adjustable Standard Bar Hangers



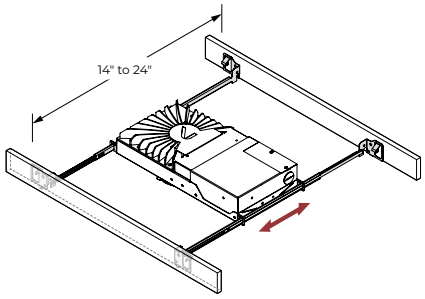
- Use in commercial and residential applications.
- Suitable for grid ceiling and drywall mounting.
- Adjustable to various heights.
- Joist spacing: 14" to 24".

ASB6 - Adjustable standard bar hangers for 6" wide grid system



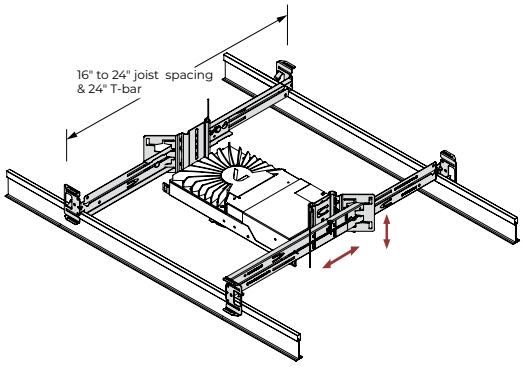
- Compatible with Techzone™ grid system.
- Lockable and self centering in the grid.
- Adjustable to various heights.
- T-bar spacing: 6"

FMB - Flush Mount Bars



- Use in residential applications.
- Suitable for wood, metal, and drywall mounting.
- Joist spacing: 14" to 24".

ACB - Adjustable Commercial Bar Hangers



- Use in commercial and residential applications.
- Suitable for grid ceiling, drywall, metal, wood, and frame mounting.
- Adjustable to various heights.
- Fits into C-channel notches in a butterfly bracket.
- Joist spacing: 16" to 24". Extensions to 36" and 48" available, consult factory.
- T-bar spacing: 24"

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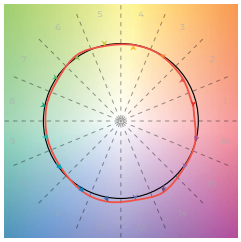
Color Quality

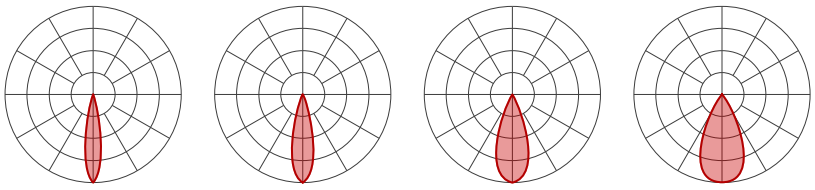
COLOR QUALITY - 3500K	
TM-30 R_f	90
TM-30 R_g	100
CRI	90+
R9	> 50



Photometrics

STATIC WHITE

Values calculated based on 3500K, 90+ CRI and SDL lens option.



15° 25° 35° 50°

Delivered lumens

CRI	90+ CRI			
BEAM	15°	25°	35°	50°
7 W	649	678	661	615
10 W	893	933	909	847
14 W	1202	1256	1223	1140

Efficacy

CRI	90+ CRI			
BEAM	15°	25°	35°	50°
7 W	93	97	94	88
10 W	89	93	91	85
14 W	86	90	87	81

MULTIPLIERS

Please follow the multiplier tables to ensure correct lumen value. CCT, CRI, lensing, accessories and baffle colour will change the lumen value.

CCT	
2400K	0.87
2700K	0.94
3000K	0.98
3500K	1
4000K	1.05
5000K	1.05

CRI	
80+ CRI	1
90+ CRI	1
95+ CRI	0.77

BAFFLE FINISH	
White	1
Black	0.92

LENS At baffle	
SDL - Soft diffused lens, Solite	1
FDL - Frosted lens	0.8
CL - Clear lens	1.1
NOL - No lens	1.1

ACCESSORIES At light element	
LSDL - Soft diffused lens, Solite	1
LFDL - Frosted lens	0.8
LS - Linear spread	0.84
HEX - Hex louver	0.86

For SOLA and DUO, please consult factory.

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Technical Specifications

OPTIC
AeraBlend™ is an advanced optical design that delivers chromatic consistency and beam precision while ensuring flawless color mixing, uniform distribution, and visual comfort.

LIGHT SOURCE
Static white
Compact COB (Chip-On-Board) LED module, available in 2400K, 2700K, 3000K, 3500K, 4000K, and 5000K with a choice of 80+ CRI, 90+CRI, or 95+ CRI, with an elevated R9 value for 90+ CRI and above. Color consistency is maintained to within 2 SDCM. All LEDs have been tested in accordance with IESNA LM-80-08 and the results have shown L80 lumen maintenance greater than 60,000 hours. Absolute product photometry is measured and presented in accordance with IESNA LM-79, unless otherwise indicated.

Full spectrum static white
The full spectrum LED option offers improved color particularly in the cyan region that is beneficial in both healthcare and circadian lighting strategies. The cyan region in full spectrum LED is richer at the 480 nm range.

Chromawerx SOLA
Chromawerx SOLA is single-channel control that dims output while warming the color temperature in a pre-determined relationship. Two color temperature range options are offered: 3000K to 1800K, and 2700K to 1800K. A simple analog control adjusts a specially populated LED array to emulate the effect of dimming a filament source.

Chromawerx DUO
Chromawerx DUO offers a two-channel control system which uses analog or digital protocols for synchronous control of both cool to warm LED arrays - maintaining a CRI above 90. Two color temperature range options are offered: 6500K to 2700K, and 5000K to 2700K. The range of color DUO offers is useful for entraining circadian rhythms, stimulating alertness, and compensating for jet lag among other applications. The Chromawerx drivers are programmed to limit maximum light output and power usage across all color temperatures. When paired with DALI drivers (DDA/DDA8), color tuning follows a linear dimming curve.

ELECTRICAL
Unless otherwise specified, dimming down to 1%. At maximum driver load: efficiency>84%, PF>0.9, THD<20%. ELV and TRIAC dimming performance (including minimum dimming percentage) subject to dimmer selection.
Integral: 0-10V, ELV, TRIAC, DALI, eldoLED 0.1% SOLOdrive 0-10V, eldoLED 1% ECOdrive 0-10V
Remote: 0-10V, ELV, TRIAC, DALI, Lutron Hi-Lume 1% EcoSystem, eldoLED 0.1% SOLOdrive 0-10V, eldoLED 1% ECOdrive 0-10V, DMX, Lutron DALI-2 digital

Emergency battery options: Remotely-installed, long-life, high-temperature, maintenance-free, Bodine Lithium-Ion battery pack with self-test functionality, test switch and charge indicator. IOTA and Fulham options available upon request. Minimum of 90 minutes operation, and recharge time of 24 hours. For fixtures less than 10 W, the battery provides 6 W of emergency light output. For fixtures 10 W and over, the battery provides 10 W.

PoE
Depending on the PoE manufacturer selected, Lumenwerx will install the node in factory as either integral to the luminaire, or as a remote module. Factory programming of the PoE node may or may not enable the following functionalities: lumen package, DUO (tunable white), QUADRO (RGBW), emergency battery backup, and sensor integration. These must be addressed and evaluated on a case-by-case basis.

CONSTRUCTION
Housing: For new construction, 20 gauge powder coated steel. 18 gauge galvanized steel junction box with ½" trade size knockouts. Adjustable standard, adjustable standard for 6" wide grid system, flush mount, and adjustable commercial bar hangers are available as mounting options.
Ceiling thickness: Up to 1"
Light element: Light element uses CoreConnect™ Technology, a magnetic, wire-free system that enables fast, secure connection and complete field serviceability.
Adjustability: Up to 30° tilt and infinite rotation
Heat sink: Die-cast aluminum
Baffle: Die-cast aluminum
Trim style: Flanged trim, trimless with mudplate, flanged trim cut cone and cut cone trimless with mudplate
Finish: Matte white, matte black, satin silver, matte silver, champagne, dark bronze, and primer finish. Custom colors also available (provide RAL #). For the primer finish option, fixture must be turned off and the lens masked before applying paint.

WEIGHT
3.3 lbs - 1.5 kg

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AERA-SHALO-3-RECESSED-ADJUSTABLE-SPEC-REV1 November 11, 2025

AERA SHALO 3"
RECESSED ADJUSTABLE

Lumenwerx

LENS AND ACCESSORIES

Soft diffused lens, Solite

Frosted diffused lens

Clear lens

Linear spread

Hex louver

ENVIRONMENT

Ambient temperature at fixture location shall be within 0°C/32°F - 25°C/77°F, indoor dry or damp as well as outdoor damp use (canopies or marquees).

CERTIFICATIONS

ETL: Rated for indoor dry/damp locations. Conforms to UL Standard 1598 and certified to CAN/CSA Standard C22.2 No. 250.0.
IP44: IP44 rated for bathrooms, showers, outdoor canopies, and marquees when specified with the wet location (WET) option.
Chicago Plenum: City of Chicago approved (CCEA) when specified with CP installation type option.
IC rated: Suitable for direct contact with insulation when specified with IC or CP installation type options.

WARRANTY

Lumenwerx provides a five-year limited warranty on electrical and mechanical performance of the luminaires, including the LED boards, drivers, and auxiliary electronics. Lumenwerx will repair or replace defective luminaires or components at our discretion, provided they have been installed and operated in accordance with our specifications. Other limitations apply, please refer to the full warranty on our website.

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