

AERA 3" DOWNLIGHT

SQUARE RECESSED
NEW CONSTRUCTION & REMODEL



Declare.

Bevel Trimless
Drywall Mudplate



Bevel
Flanged Trim



Aera recessed downlights are true to size, encased in minimalist housing, and suitable additions to any interior space where outstanding optical performance, maximal eye comfort, and/or an industry-leading wall wash are required.

Ceiling Types



Drywall



Millwork



Wood Slat
Consult factory



Acoustic Tile

Installation Types

New Construction (Type Non-IC, Type-IC, CCEA)
Remodel (Type Non-IC)

Plenum Clearance

As low
as 2 5/8"



Beam Angles



Low UGR < 10 in 10°, 15°, 25°, 35°, and 50° beams

Performance

LUMEN OUTPUT ¹	WATTS	EFFICACY
1132 lm	10 W	113 lm/W
1545 lm	14 W	110 lm/W
2135 lm	20 W	107 lm/W

¹ Lumen packages are assuming 3500K, 80+ CRI, 35° beam, with SDL lens option.

Light Source

Static White
Full Spectrum Static White
SOLA - Dim-to-Warm
DUO - Tunable White



COB

2 Step Color Binning
Up to 95+ CRI

Drivers / Protocols

1%, 0.1% Dimming Available
0-10V, TRIAC, ELV, Lutron EcoSystem, DALI, DMX
Emergency Battery (optional)



Smart / Wireless Compatible

Aera Family (Refer to other spec sheets)

Downlight



2" / 3" / 4"
Round / Square
Recessed Adjustable



2" / 3" / 4"
Round / Square
Recessed



2" / 3" / 4"
Round / Square
Recessed Wall Wash

Multi-aperture



2" / 3" / 4"
Round / Square
Recessed Adjustable



2" / 3" / 4"
Round / Square
Recessed



2" / 3" / 4"
Round / Square
Recessed Wall Wash

Cylinder



2" / 3" / 4" / 5" / 6"
4" Seal
Pendant
Pendant Asymmetric
Pendant Wall Wash



2" / 3" / 4" / 5" / 6"
4" Seal
Wall
Wall Asymmetric



2" / 3" / 4" / 5" / 6"
4" Seal
Surface
Surface Asymmetric
Surface Wall Wash

www.lumenwerx.com
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AERA3-DOWNLIGHT-SQUARE-RECESSED-SPEC-REV9 March 30, 2026

AERA 3" DOWNLIGHT

SQUARE RECESSED NEW CONSTRUCTION & REMODEL



Project: _____

Type: _____

Order Guide

1 - Housing (Example: AE3SR-TRM-SW-OF-ASB-120V-10W-D1-NA)



For a Title 24 JA8 compliant fixture, see page 3.

LUMINAIRE ID ¹	TRIM STYLE	LIGHT SOURCE	INSTALLATION TYPE	MOUNTING OPTION ⁴
AE3SR				
AE3SR - Aera 3" Square Recessed ¹ Recessed Adjustable and Recessed Wall Wash also available. Consult other spec sheets.	TRM - Flanged trim TLMP - Trimless drywall mudplate TLMW ² - Trimless millwork ² For remodel (RM) installation type, TLMW adapter must be installed from above the ceiling or before ceiling is installed.	SW - Static white FS - Full spectrum static white SOLA - Dim-to-warm single channel control DUO - Tunable white 2-channel control	OF - Open Frame Type Non-IC IC ³ - Type-IC RM - Remodel Type Non-IC CP ³ - Chicago Plenum Type-IC (CCEA) AT ³ - Airtight Type-IC ³ Only available with 14 W or less.	ASB ⁵ - Adjustable standard bar hangers FMB ⁵ - Flush mount bars ACB ⁵ - Adjustable commercial bar hangers AHC ⁵ - Adjustable hat channel bars NA - No bar hangers ⁴ See page 5 for more details. ⁵ Not available with RM installation type.
VOLTAGE	WATTAGE ⁷	DIMMING ⁹	OPTION ¹⁸	
			NA	
120V - 120V 277V - 277V UNV - 120V-277V 347V ⁶ - 347V ⁶ Only available with RD1 driver. Please consult factory.	10W - 10 W output, up to 1132 lm 14W - 14 W output, up to 1545 lm 20W ⁸ - 20 W output, up to 2135 lm ⁷ Lumen outputs are reduced with full spectrum, consult factory. ⁸ Not available with IC/CP/AT. SOLA ⁸ 14W - 14 W output, up to 950 lm 18W - 18 W output, up to 1205 lm DUO ⁸ 14W - 14 W output, up to 1005 lm 19W - 19 W output, up to 1355 lm	INTEGRAL D1 - 1% 0-10V ELV ¹⁰ - ELV 120V TRI ¹⁰ - TRIAC 120V DA ^{11,12} - DALI ELD1 ¹¹ - eldoLED 1% ECOdrive 0-10V ELDO ¹¹ - eldoLED 0.1% SOLOdrive 0-10V PEQO ^{12,13} - Lutron Hi-lume Premier 0.1% EcoSystem ⁹ PoE (Power-over-Ethernet) compatible. Consult factory for details. ¹⁰ Only available with 120V. ¹¹ Not available with RM installation type. ¹² On-site commissioning is required. ¹³ Only available with OF installation type. SOLA SD1 - Single 0-10V input SELV ¹⁰ - ELV 120V STRI ¹⁰ - TRIAC 120V DUO ¹¹ DD1 - Dual 0-10V input for CCT/intensity	REMOTE ¹⁴ RD1 - 1% 0-10V RELV ¹⁵ - ELV 120V RTRI ¹⁵ - TRIAC 120V RLDE1 ¹⁶ - Lutron Hi-lume 1% Eco RDA ¹⁶ - DALI ¹⁴ A remote driver box is provided. ¹⁵ Only available with 120V. ¹⁶ On-site commissioning is required. ¹⁷ To specify, add +EB to the selected dimming option, e.g. RD1+EB. SOLA RSDD1 - Single 0-10V input RSELV ¹⁵ - ELV 120V RSTRI ¹⁵ - TRIAC 120V DUO RDMX ¹⁶ - DMX RDDA ¹⁶ - DALI DT6 RDDA8 ¹⁶ - DALI DT8 RDD1 - Dual 0-10V input for CCT/intensity RLD2 ¹⁶ - Lutron DALI-2 digital +EB ¹⁷ - Emergency battery	NA - None ¹⁸ To specify a JA8 compliant fixture, see page 3.

2 - Light & Baffle (Example: AE3SRB-SW-10W-15DEG-2STP-90CRI-27K-LSDL+LS-TRM-CL-FTMW-FTMW-NA)

LUMINAIRE ID	LIGHT SOURCE Specify same as Housing	WATTAGE ¹⁹ Specify same as Housing	BEAM	COLOR QUALITY	CRI	COLOR TEMP.
AE3SRB						
AE3SRB - Aera 3" Square Recessed Bevel	SW - Static white FS - Full spectrum static white SOLA - Dim-to-warm single channel control DUO - Tunable white 2-channel control	10W - 10 W output, up to 1132 lm 14W - 14 W output, up to 1545 lm 20W ²⁰ - 20 W output, up to 2135 lm ¹⁹ Lumen outputs are reduced with full spectrum, consult factory. ²⁰ Not available with IC/CP/AT. SOLA ²⁰ 14W - 14 W output, up to 950 lm 18W - 18 W output, up to 1205 lm DUO ²⁰ 14W - 14 W output, up to 1005 lm 19W - 19 W output, up to 1355 lm	10DEG - 10° Very narrow spot 15DEG - 15° Narrow spot 25DEG - 25° Spot 35DEG - 35° Narrow flood 50DEG - 50° Wide flood 80DEG - 80° Very wide flood 90DEG - 90° Open flood 25DEG - 25° Spot 35DEG - 35° Narrow flood 60DEG - 60° Wide flood 80DEG - 80° Very wide flood 90DEG - 90° Open flood	2STP ²¹ - 2 Step MacAdam Ellipse 3STP - 3 Step MacAdam Ellipse ²¹ Not available with full spectrum. 3STP - 3 Step MacAdam Ellipse	80CRI ²² - 80+ CRI 90CRI ²² - 90+ CRI 95CRI - 95+ CRI ²² Not available with full spectrum. 90CRI - 90+ CRI	22K ²³ - 2200K 24K ²³ - 2400K 27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K 50K ²³ - 5000K ²³ Not available with 95+ CRI. SOLA 30K18K - 3000K to 1800K 27K18K - 2700K to 1800K DUO 65K27K - 6500K to 2700K 50K27K - 5000K to 2700K
ACCESSORIES * See page 6 for details	TRIM STYLE Specify same as Housing	LENS * See page 6 for details	BAFFLE FINISH	TRIM FLANGE FINISH Specify NA for Bevel Trimless	OPTION ²⁸	
At light element ^{24,25} (choose up to 2 options for SW/FS and 1 option for SOLA/DUO) LSDL - Soft diffused lens, Solite LFDL - Frosted diffused lens LS - Linear spread HEX ²⁶ - Hex louver NA - None ²⁴ Separate codes with a "+" if more than one is specified, e.g. LSDL+LS. ²⁵ LSDL and LFDL cannot be combined. LS and HEX cannot be combined. ²⁶ Not available with 80°/90° beam options.	TRM - Flanged trim TLMP - Trimless drywall mudplate TLMW ²⁷ - Trimless millwork ²⁷ For remodel (RM) installation type, TLMW adapter must be installed from above the ceiling or before ceiling is installed.	At baffle (choose 1 option) SDL - Soft diffused lens, Solite FDL - Frosted diffused lens CL - Clear lens NOL - No lens	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	WET ²⁹ - Wet location NA - None ²⁸ To specify a JA8 compliant fixture, see page 3. ²⁹ Must be specified with the flanged trim (TRM), and either SDL, FDL, or CL lens options.	

* LSDL or LFDL at light element cannot be combined with SDL or FDL at baffle.

AERA 3" DOWNLIGHT

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Title 24 JA8
Order Guide



Project: _____
Type: _____



1 - Housing (Example: AE3SR-TRM-SW-AT-ASB-120V-10W-D1-JA8)

LUMINAIRE ID ¹	TRIM STYLE	LIGHT SOURCE	INSTALLATION TYPE	MOUNTING OPTION ²
AE3SR			AT	
AE3SR - Aera 3" Square Recessed ¹ Recessed Adjustable and Recessed Wall Wash also available. Consult other spec sheets.	TRM - Flanged trim TLMP - Trimless drywall mudplate TLMW - Trimless millwork	SW - Static white SOLA - Dim-to-warm single channel control	AT - Airtight Type-IC	ASB - Adjustable standard bar hangers FMB - Flush mount bars ACB - Adjustable commercial bar hangers AHC - Adjustable hat channel bars NA - None ² See page 5 for more details.

VOLTAGE	WATTAGE	DIMMING		OPTION
				JA8
120V - 120V 277V - 277V UNV - 120V-277V	10W - 10 W output, up to 1132 lm 14W - 14 W output, up to 1545 lm	INTEGRAL D1 - 1% 0-10V ELV ³ - ELV 120V TRI ³ - TRIAC 120V ³ Only available with 120V.	REMOTE ⁴ RD1 - 1% 0-10V RELV ⁵ - ELV 120V RTRI ⁵ - TRIAC 120V RLDEI ⁶ - Lutron Hi-lume 1% Eco ⁴ A remote driver box is provided. ⁵ Only available with 120V. ⁶ On-site commissioning is required.	JA8 - JA8 compliant
	12W - 12 W output, up to 725 lm	SD1 - Single 0-10V input SELV ³ - ELV 120V STRI ³ - TRIAC 120V	RSD1 - Single 0-10V input RSELV ⁵ - ELV 120V RSTRI ⁵ - TRIAC 120V	

2 - Light & Baffle (Example: AE3SRB-SW-10W-15DEG-2STP-90CRI-27K-NA-TRM-SDL-FTMW-FTMW-JA8+WET)

LUMINAIRE ID	LIGHT SOURCE Specify same as Housing	WATTAGE Specify same as Housing	BEAM	COLOR QUALITY	CRI	COLOR TEMP.
AE3SRB					90CRI	
AE3SRB - Aera 3" Square Recessed Bevel	SW - Static white	10W - 10 W output, up to 1132 lm 14W - 14 W output, up to 1545 lm	15DEG - 15° Narrow spot 25DEG - 25° Spot 35DEG - 35° Narrow flood 50DEG - 50° Wide flood 80DEG - 80° Very wide flood 90DEG - 90° Open flood	2STP - 2 Step MacAdam Ellipse 3STP - 3 Step MacAdam Ellipse	90CRI - 90+ CRI	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K
	SOLA - Dim-to-warm single channel control	12W - 12 W output, up to 725 lm	50DEG - 50° Wide flood	3STP - 3 Step MacAdam Ellipse		SOLA ⁷ - Dim-to-warm single channel control ⁷ 3500K to 2200K

ACCESSORY * See page 6 for details	TRIM STYLE Specify same as Housing	LENS * See page 6 for details	BAFFLE FINISH	TRIM FLANGE FINISH Specify NA for Bevel Trimless	OPTIONS
					JA8
At light element LSDL - Soft diffused lens, Solite LFDL - Frosted diffused lens NA - None	TRM - Flanged trim TLMP - Trimless drywall mudplate TLMW - Trimless millwork	At baffle SDL - Soft diffused lens, Solite FDL - Frosted diffused lens CL - Clear lens NOL - No lens	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	JA8 - JA8 compliant WET ^{8,9} - Wet location ⁸ Must be specified with the flanged trim (TRM), and either SDL, FDL, or CL lens options. ⁹ To specify the WET option, the code will be JA8+WET.

* LSDL or LFDL at light element cannot be combined with SDL or FDL at baffle. For SOLA, one of the following lenses must be specified: SDL, FDL, LSDL, or LFDL.

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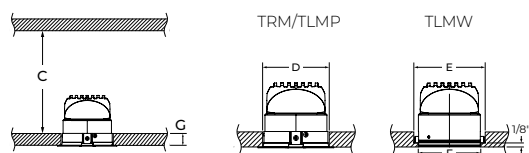


Housing

INSTALLATION TYPES		
OF - Open Frame Type Non-IC	IC - Type-IC	CP - Chicago Plenum Type-IC (CCEA) AT - Airtight Type-IC
RM - Remodel Type Non-IC		
Integral	Remote	

- For height dimension C, see the PLENUM CLEARANCE & CUT-OUT DIMENSIONS table below.
- For OF, IC, CP, and AT installation types with remote dimming, a remote driver box is provided.
- Clearance between sides of luminaire and parts of building must be 1/2" minimum; clearance to insulating materials to be 3" minimum, unless luminaires are IC rated.

PLENUM CLEARANCE & CUT-OUT DIMENSIONS



		PLENUM CLEARANCE HEIGHT	
		REMOTE & INTEGRAL	
		D1/ELV/TRI	LDE1/DA /ELD1/ELDO/PEQ0
C	OF	2 5/8" (FMB) 4 1/8"	6"
	IC	2 5/8" (10 W - FMB) 4" (10 W - ASB, ACB, AHC) 4" (14 W) 6 3/8" (20 W)	6 3/8"
	CP /AT	4 7/8" (14 W) 6 7/8" (20 W)	6 7/8"
	RM	4 1/8"	NA
CUT-OUT DIMENSIONS			
D	TRM/ TLMP	3 1/2" x 3 1/2"	
E	TLMW	3 1/2" x 3 1/2"	
F		3 1/16" x 3 1/16" with 1/8" lip	
MAXIMUM CEILING THICKNESS			
G	TRM/ TLMP	1 3/8"	
	TL MW	5/8"	

AERA 3" DOWNLIGHT

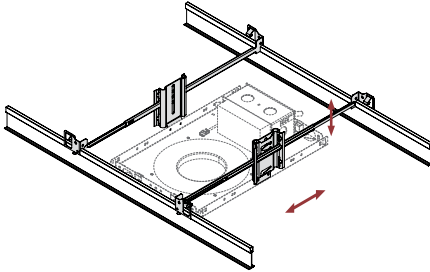
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Housing

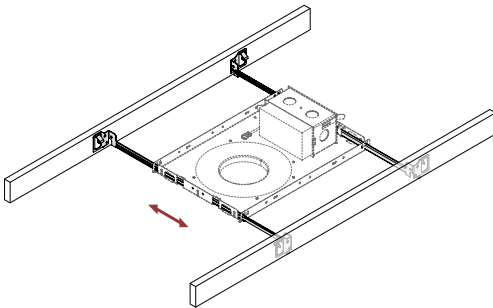
MOUNTING OPTIONS

ASB - Adjustable Standard Bar Hangers



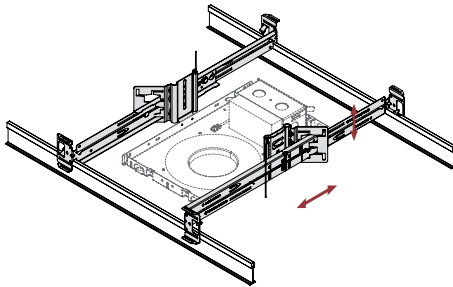
Adjustable Standard Bar hangers can be used in both commercial and residential applications and are adjustable to various heights in both Grid Ceiling and Drywall mounting. ASB hangers are less rigid and versatile than ACB hangers.

FMB - Flush Mount Bars



Flush Mount Bars are best used in residential applications, fitting snug to the surface and suitable for Wood, Metal, and Drywall mounting. The flush mounted bars are static and can't be adjusted.

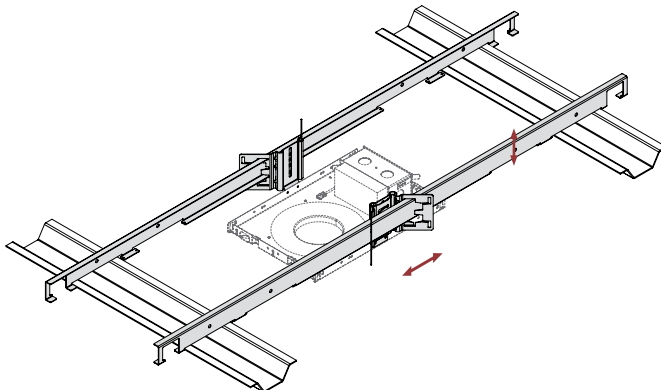
ACB - Adjustable Commercial Bar Hangers



Adjustable Commercial Bar hangers can be used in both commercial and residential applications and are by far the most versatile mounting bar we offer with its adjustability to various heights. ACB hangers are suitable for Grid Ceiling, Drywall, Metal, Wood and Frame mounting.

- Extremely rigid
- Fits into C-Channel notches in a Butterfly Bracket

AHC - Adjustable Hat Channel Bars



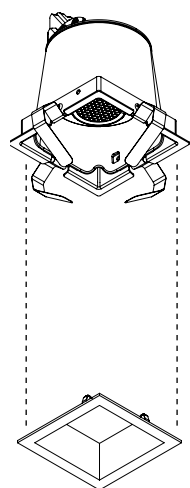
Adjustable Hat Channel bars can be used in both commercial and residential applications and come with a butterfly clip to adjust to various heights. AHC bars can be hung downward by 90 degrees in vertical position, and once wired, can be shifted onto the horizontal mounting plane. AHC bars are suitable for both Drywall and wood ceiling applications.

AERA 3" DOWNLIGHT

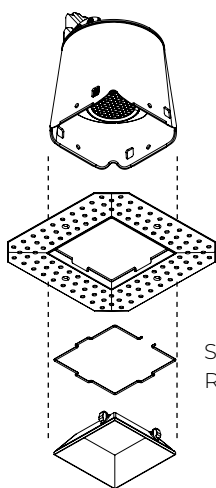
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Light & Baffle



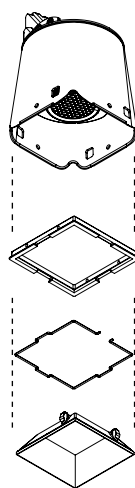
Flanged
Trim



Trimless
Drywall
Mudplate

Mudplate
OD - 5 7/8" x 5 7/8"

Spring
Ring

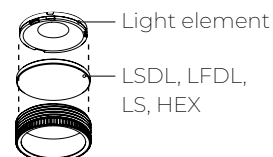


Trimless
Millwork

Millwork
Adapter

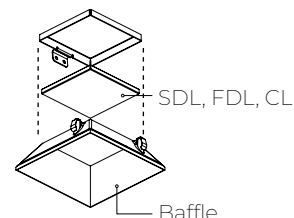
Spring
Ring

LENS AND ACCESSORIES



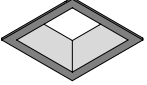
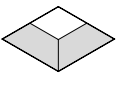
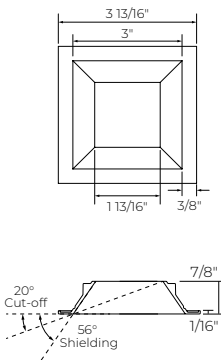
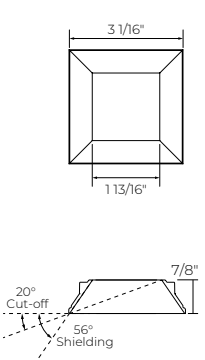
Light element

LSDL, LFDL,
LS, HEX



SDL, FDL, CL

Baffle

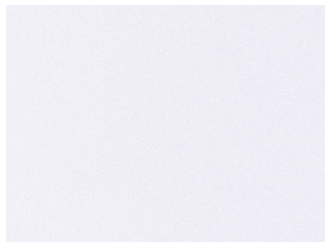
Bevel	
TRM Flanged Trim	TLMP/TLMW Trimless Drywall Mudplate /Trimless Millwork
	
Baffle finish Trim flange finish	
	

AERA 3" DOWNLIGHT

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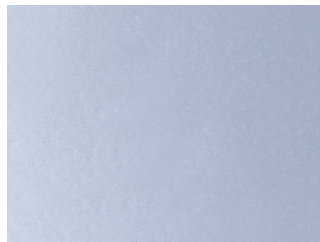
Finishes



FTMW - Matte white



FTMB - Matte black



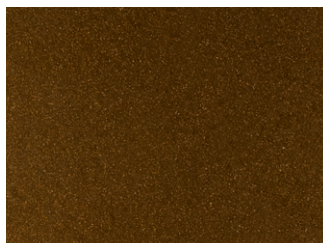
FSPC - Satin silver



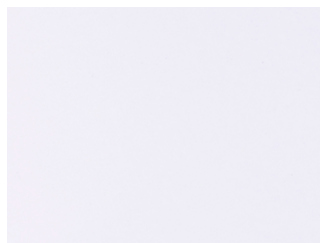
FSSPC - Matte silver



FCHP - Champagne



FDBZ - Dark bronze



FPF - Primer finish

AERA 3" DOWNLIGHT

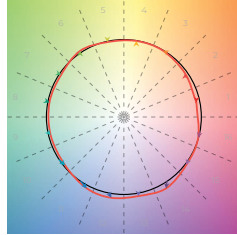
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Color Quality

COLOR QUALITY - 3500K

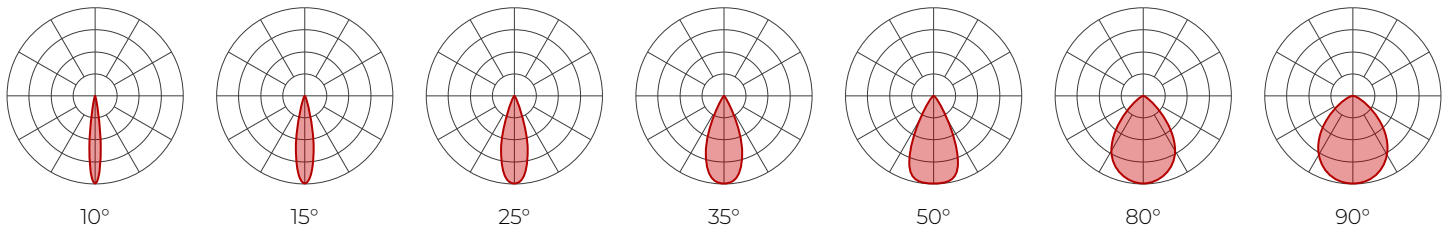
TM-30 R _t	90
TM-30 R _g	100
CRI	90+
R9	> 50



Photometrics

STATIC WHITE

Values calculated based on 3500K, bevel baffle, and SDL lens option.



Delivered lumens (LM)

CRI	80+ CRI							90+ CRI							95+ CRI						
BEAM	10°	15°	25°	35°	50°	80°	90°	10°	15°	25°	35°	50°	80°	90°	10°	15°	25°	35°	50°	80°	90°
10 W	951	1056	1127	1132	1003	902	902	888	987	1053	1058	937	843	843	684	760	811	815	721	649	649
14 W	1298	1441	1539	1545	1370	1233	1233	1213	1347	1438	1444	1280	1152	1152	934	1037	1107	1112	986	887	887
20 W	1792	1991	2125	2135	1892	1703	1703	1675	1861	1986	1995	1768	1591	1591	1289	1433	1529	1536	1361	1225	1225

Efficacy (LM/W)

CRI	80+ CRI							90+ CRI							95+ CRI						
BEAM	10°	15°	25°	35°	50°	80°	90°	10°	15°	25°	35°	50°	80°	90°	10°	15°	25°	35°	50°	80°	90°
10 W	95	106	113	113	100	90	90	89	99	105	106	94	84	84	68	76	81	81	72	65	65
14 W	93	103	110	110	98	88	88	87	96	103	103	91	82	82	67	74	79	79	70	63	63
20 W	90	100	106	107	95	85	85	84	93	99	100	88	80	80	64	72	76	77	68	61	61

MULTIPLIERS

Please follow the multiplier tables to ensure correct lumen value. Beams, CCT, baffle styles, baffle colors, lensing and accessories will change the lumen value.

CCT		BAFFLE STYLE AND COLOR		LENS * (At baffle)		ACCESSORIES * (At light element)	
2200K	0.80	Flanged trim	1	SDL - Soft diffused lens, Solite	1	LSDL - Soft diffused lens, Solite	1
2400K	0.87	Trimless	1	FDL - Frosted lens	0.8	LFDL - Frosted lens	0.8
2700K	0.94	Bevel	1	CL - Clear lens	1.1	LS - Linear spread	0.84
3000K	0.98	Wet bevel	1	NOL - No lens	1.1	HEX - Hex louver	0.86
3500K	1	White	1	* When more than one lens or accessory is specified, multiply together the value of each lens and/or accessory. e.g. NOL + LSDL + LS = 1.1 x 1 x 0.84 = 0.924			
4000K	1.05	Black	1				
5000K	1.05						

For SOLA and DUO, please consult factory.

AERA 3" DOWNLIGHT

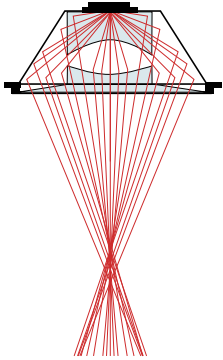
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Technical Specifications

OPTIC

XPoint™ Refraction Technology optics provide precise optical control in a remarkably compact form. Micro optical paths from the chip on board converge and then disperse in precise beam angles, resulting in a crisp and exacting light quality.



LIGHT SOURCE

Static white

Compact COB (Chip-On-Board) LED module, available in 2200K, 2400K, 2700K, 3000K, 3500K, 4000K, and 5000K with a choice of 80+ CRI, 90+ CRI, or 95+ CRI, with 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, Lutron Hi-Lume EcoSystem, DALI, eldoLED 0.1% SOLOdrive 0-10V, eldoLED 1% ECOdrive 0-10V

Remote: 0-10V, ELV, TRIAC, Lutron Hi-Lume EcoSystem, DALI, 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.

AERA 3" DOWNLIGHT

SQUARE RECESSED NEW CONSTRUCTION & REMODEL



CONSTRUCTION

Housing

For new construction, 20 gauge powder coated steel. Open frame, type-IC, or Chicago Plenum (CCEA) rated. 18 gauge galvanized steel junction box with ½" trade size knockouts. Adjustable standard, flush mount, adjustable commercial, and adjustable hat channel bar hangers are available as mounting options.

Light element

LED module: Integral COB module. 90+ CRI and 2 SDCM, Standard with options of 80+ CRI, or 95+ CRI. L80 > 60,000 hours.

XPoint™ Refraction Technology optic: Micro optical paths from the chip on board converge and then disperse in precise beam angles, resulting in a crisp and exacting light quality.

Thermal management: Die-cast aluminum heat sink to maximize thermal dissipation.

Baffle: Die-cast aluminum mounted with retaining spring clips

Trim style: Trimmed and trimless with mudplate or millwork adapter

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

Open frame: 4.3 lbs - 1.9 kg

Type-IC: 4.5 lbs - 2.0 kg

Chicago Plenum: 7.5 lbs - 3.4 kg

Remodel: 3.25 lbs - 1.5 kg

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, CP or AT installation type options.

Title 24 JA8: California Building Standards Code

Declare: [LBC Red List Approved](#)