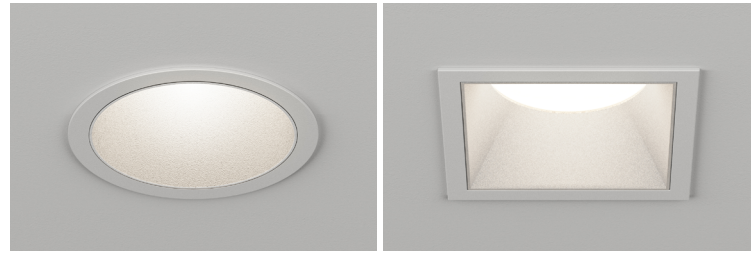


ATOMOS™ 2 SLIM

FIXED

A miniature downlight range offering impressive performance in an extremely small profile with a 2" aperture. Available as flange overlay and trimless for both drywall and millwork applications.

PROJECT NAME:	TYPE:
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ORDERING INFORMATION - DOWNLIGHT / HOUSING

ROUND TRIMS SHIP APRIL 1ST



JA8-2019 COMPLIANCE INDICATED BY SHADING

TRIM	TRIM TYPE	FIXTURE TYPE	RATING	TRIM FINISH	BAFFLE FINISH	LUMEN PACKAGE	CCT	OPTIC	INSTALL TYPE	DRIVER	EFFECTS DEVICE
		SF									
A2RS 2" Round Standard* <small>*Trim ships April 1st</small>	F Flange Overlay T Trimless Drywall	SF Slim Fixed Housing	1 Dry / Damp (IP20) 2 Wet (IP44)	WH White AG Satin Silver AU Cashmere Gold BB Burnt Bronze BK Black PR Primer OO Trimless* <small>*(Required for trimless)</small> CF Custom Finish* <small>*(Consult Factory)</small>	WH White AG Satin Silver AU Cashmere Gold BB Burnt Bronze BK Black PR Primer CF Custom Finish* <small>*(Consult Factory)</small>	STATIC WHITE 8012D 80+ CRI, Dwd. Lumens - 1012 8016D 80+ CRI, Dwd. Lumens - 1227 9010D 90+ CRI, Dwd. Lumens - 860 9014D 90+ CRI, Dwd. Lumens - 1042	27 2700K 30 3000K 35 3500K 40 4000K	15 15° 25 25° 35 35° 50 50°	1/2" - 1" MAX CEILING THICKNESS INTEGRAL DRIVER X IC Y NIC C IC, Airtight* <small>*(Chicago Plenum, Airtight & Title 24 compliant housing. Effects device sealed to baffle)</small> REMOTE DRIVER V IC, Remote W NIC, Remote D IC, Airtight, Remote* <small>*(Chicago Plenum, Airtight & Title 24 compliant housing. Effects device sealed to baffle)</small>	ALL INSTALL TYPES PH ELV / Triac, 1%, 120V SG 0-10V Analog, LOG 1%, 120 or 277V SN 0-10V Analog, LIN 1%, 120 or 277V EG eldoLED, SOLOdrive 0.1% 0-10V, LOG, 120 - 277V EN eldoLED, SOLOdrive 0.1% 0-10V, LIN, 120 - 277V ED eldoLED, SOLOdrive 0.1% DALI-2, LOG, 120 - 277V REMOTE ONLY L2 Lutron, Hi-Lume 1% 2-Wire, 120V LH Lutron, Hi-Lume Ecosystem 1% Fade to Black, 120 or 277V	STANDARD 4 Soft Focus Film ALTERNATE 0 No Media* <small>*(Not available for Wet Location, Warm Dim, or Airtight Housings)</small> 2 Honeycomb Louver* <small>*(Not available for Wet Location, Warm Dim, or Airtight Housings)</small> 3 Clear Film* <small>*(Not available for Warm Dim)</small> 5 Asymmetric Film S Honeycomb Louver w/ Soft Focus Film C Honeycomb Louver w/ Clear Film* <small>*(Not available for Warm Dim)</small>
						WARM DIM 9009D 90+ CRI, Dwd. Lumens - 757	WD 3000K - 1800K	15 15° 25 25° 35 35° 50 50°			
<p>*ALL DELIVERED LUMEN OUTPUTS AND T24 COMPLIANCE REFLECT 3000K PAIRED WITH 15° OPTIC AND SOFT FOCUS FILM.</p>											



PART NUMBER NOTES

- Fixture ships as e.g., A2RSFSF1AGAG-8012D27-15X-PH*0
- Remote driver ships as e.g., PSA2-RMT-280A-PH*

ATOMOS2 SLIM FIXED

ACCESSORIES

ALTERNATE EFFECTS DEVICES

Consult factory for additional configurations.

- CGL-AR** Clear Film*
*(Not available for Warm Dim. Consult factory for Wet locations.)
- SFL-AR** Soft Focus Film*
*(Consult factory for Wet locations.)
- HCL-AR** Honeycomb Louver*
*(Not available for Warm Dim unless paired with Soft Focus Film. Not available for wet location unless paired with film.)
- AW-AR** Asymmetric Film*
*(Consult factory for Wet locations)

REPLACEMENT OPTICS

Interchangeable optics accessible through fixture aperture.

- RO-A-15-1** 15° optic
- RO-A-25-1** 25° optic
- RO-A-35-1** 35° optic
- RO-A-50-1** 50° optic

T-GRID ACCESSORY KIT

Recommended for installations in T-Grid and furring channel up to 1.5" tall.

- DHA-TG-KIT**

HANGER BAR EXTENDER KIT

Extends hanger bars from 24.0" to 46.0" maximum.

- FRX-HBE-46** Extender, Hanger Bar.

EMERGENCY LIGHTING - REMOTE MOUNT ONLY

During disruption of main power, emergency battery inverter provides temporary 120V or 277V to fixture.

- EMB-S-20/25-120/277-LEDX** 20/25 watt max capacity, 120 or 277 VAC 60Hz, Non-Dimmable
- EMB-S-100-120-LEDX** 100 watt max capacity, 120 VAC 60Hz, Dimmable
- EMB-S-100-277-LEDX** 100 watt max capacity, 277 VAC 60Hz, Dimmable
- EMB-S-250-120/277-LEDX** 250 watt max capacity, 120 or 277 VAC 60Hz, Dimmable

ATOMOS2 SLIM FIXED

STATIC WHITE PERFORMANCE - 3000K

LUMEN PACKAGE	WATTAGE	15° OPTIC SOFT FOCUS FILM		25° OPTIC SOFT FOCUS FILM		35° OPTIC SOFT FOCUS FILM		50° OPTIC SOFT FOCUS FILM	
		DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW	DELIVERED	LPW
8012D	12	1012	82	999	81	933	75	978	79
8016D	15	1227	78	1210	78	1130	73	1186	62
9010D	12	860	69	848	68	792	64	831	67
9014D	15	1042	66	1028	66	960	62	1007	53
9009D	12	757	64	744	63	695	58	729	62

OUTPUT MULTIPLIER	
CCT	CCT SCALE
2700K	0.95
3000K	1.00
3500K	1.05
4000K	1.06

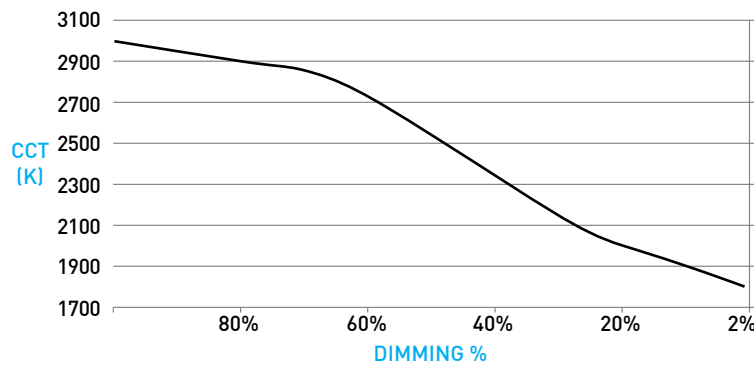
LIGHT LOSS FACTOR	
NO MEDIA	1.11
SOFT FOCUS	1
CLEAR	0.99
HONEYCOMB	0.77
HONEYCOMB W/ SOFT FOCUS	0.77
ASYMMETRIC	0.76
HONEYCOMB W/ CLEAR	0.76



JA8-2019 INDICATED BY SHADING

WARM DIM PERFORMANCE - SOFT FOCUS FILM - 15° OPTIC

9009D 3000K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	3000	2900	2850	2550	2000	1900	1800
Light Output (Lm)	757	606	530	378	151	75	15
Power (W)	12	9.6	8.4	6	2.4	1.2	0.2
Efficacy (LPW)	64	64	64	64	64	64	64

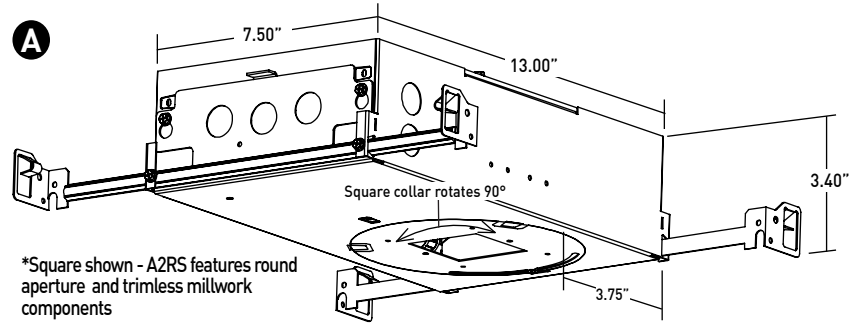


ATOMOS2 SLIM FIXED

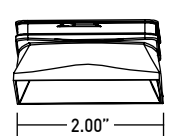
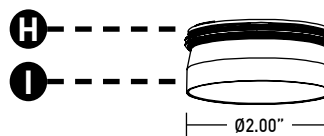
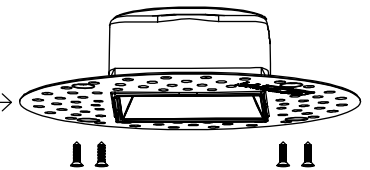
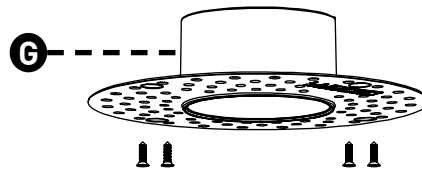
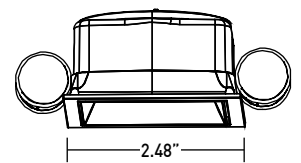
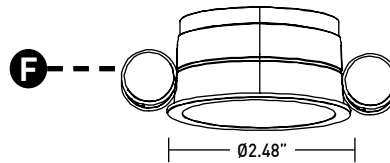
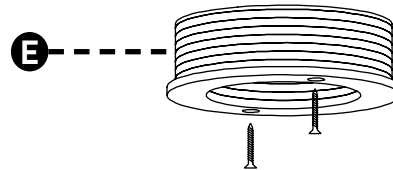
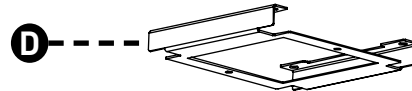
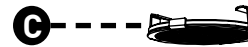
DOWNLIGHT

- A LED**
Integral LED module design enables field service / replacement through housing aperture.
- B STANDARD OPTICS**
Proprietary optic integrates Reflection, Refraction and TIR offering 15°, 25°, 35°, and 50° beams. 25° optic used for optimal accent washing.
- C HONEYCOMB LOUVER**
Clips onto optic.
- D TRIMLESS MILLWORK HOUSING ADAPTOR**
Ships with housing when trimless millwork is specified and provides attachment point for spacers. Requires 3.50" x 3.50" cutout.
- E TRIMLESS MILLWORK SPACERS**
Ship with housing when trimless millwork is specified; includes (1) 1/16" spacer and (8) 1/8" spacers.
- F FLANGE OVERLAY**
Installed after ceiling is complete. Requires 2-5/16" diameter cutout. Provides 0.16" total contractor (goof) allowance with 0.20" flange. Thickness measures 0.06".
- G TRIMLESS DRYWALL**
Installs totally flush with the ceiling with no visible trim. Appliqué includes screws for mounting and has 0.06" plaster stop. Not recommended for stucco applications.
- H EFFECTS DEVICES**
Soft focus media standard and sealed to baffle on Wet locations. Fixture is limited to 1 media and the honeycomb louver.
- I BAFFLE**
Die-cast removable baffle provides easy access to tilting mechanism and features 45° glare cutoff. Minimizes aperture glare and conceals view into housing or ceiling; includes silicone gasket. Square baffle transitions from square to round.
- J TRIMLESS MILLWORK**
Installs totally flush with the ceiling with no visible trim. Utilizes the A2RS or A2SS standard configuration installed behind the ceiling.

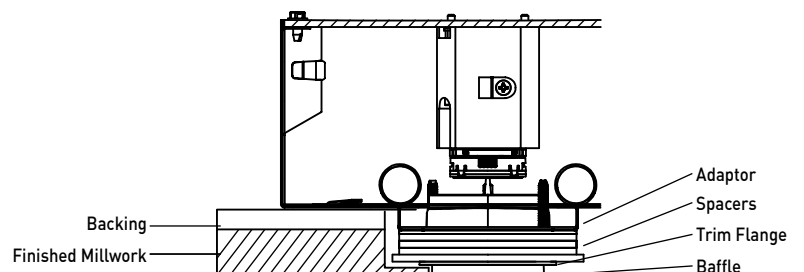
DIMENSIONS / DRAWINGS



*Square shown - A2RS features round aperture and trimless millwork components

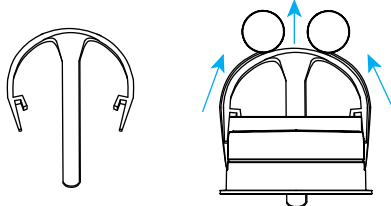


TRIMLESS MILLWORK DETAIL (EXAMPLE)



INSTALLATION

- **INSTALLATION TOOL**
Minimum 1 provided for every 10 flange overlay and trimless millwork fixtures.



ATOMOS2 SLIM FIXED

HOUSING

- K HOUSING**
 - For IC or Non-IC ceilings.
 - Chicago Plenum, Airtight and Title 24 (JA8) listed.
 - Requires 2-5/16" cutout for flange overlay and trimless drywall applications.
 - Accommodates max 1300 delivered lumens.
 - No setback from polycell spray foam insulation having max R-Value of 60 on all sides and top.
- L ADJUSTABLE HANGER BAR HEIGHT ACCESSORY**
Specified as DHA-TG-KIT and recommended for installations in T-Grid and with furring channel. Hanger bars are installed to adjustable bracket. Allows housing to be raised and lowered; ceiling thickness remains 0.50" to 1.00" max.

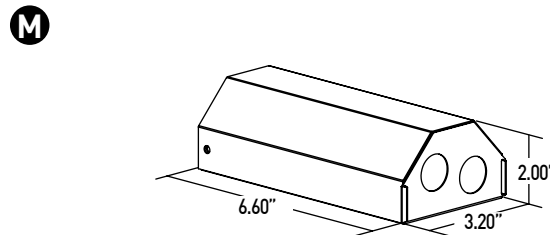
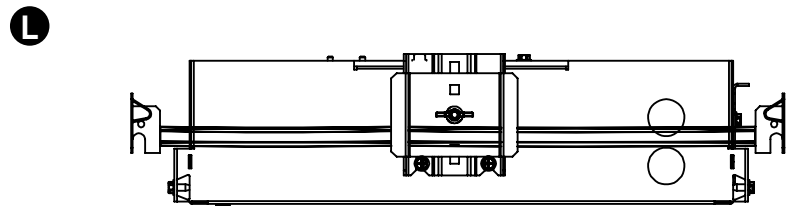
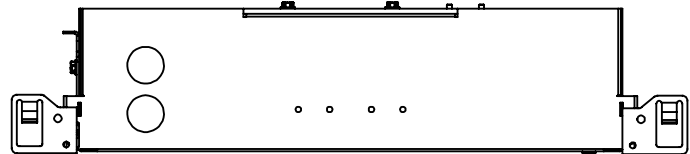
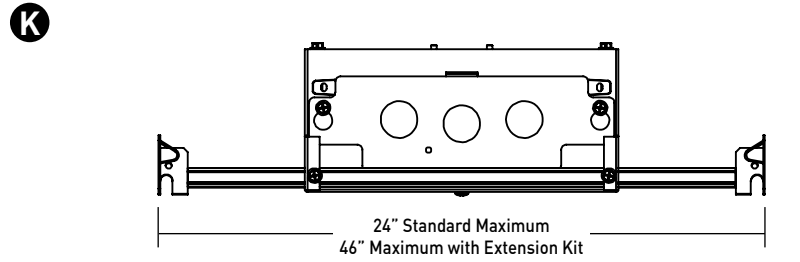
HOUSING NOTES

- Do not install in environments where ambient temperatures exceed 40°C (104°F).
- Power supply compartment and all splice connections may be serviced from room side.
- Consult factory for spacing requirements for any installations exceeding R-Value 60.
- Hanger bars can be fitted to long or short side of housing; extend from 14.0" to 24.0", but may be field cut to accommodate narrow stud spacing. Can be extended up to 46" maximum with FRX-HBE-46 kit.
- Hanger bars and brackets add 3.16" to the overall dimension but are exclusive of the setback requirements.
- Housings feature a round or square aperture accommodating ceiling thicknesses between 0.50" and 1.00".

REMOTE POWER SUPPLY

- M REMOTE POWER SUPPLY**
Provided with install types "C" and "D". Remote power supply provides additional driver options. Consult page 6 for maximum allowable secondary run lengths between PSA2-RMT and fixture. Must be installed in an accessible location.

DIMENSIONS / DRAWINGS



ATOMOS2 SLIM FIXED

TECHNICAL

CONSTRUCTION

Housing: Aluminum and 22 Gauge galvanized steel.

Remote Power Supply: 22 Gauge galvanized steel.

Appliqué: High strength fiber reinforced polymer.

STATIC WHITE LED

2-step MacAdam ellipse LED module available in 80+ and 90+ CRI configurations in color temperatures of 2700K, 3000K, 3500K and 4000K. Average rated lamp life: 50,000 hours. LED and driver assemblies are field-replaceable.

WARM DIM LED

3-step MacAdam ellipse warm dim LED module available in 90+ CRI configuration. 3000K at full brightness, warming to 1800K at full dim. Average rated lamp life of 50,000 hours. LED and driver assemblies are field-replaceable.

POWER SUPPLY PERFORMANCE AND DIMMING INFORMATION

Power Supply	ELV		ECO	0-10V				DALI
	PH	L2	LH	SG	SN	EG	EN	ED
Minimum °C	-10 °C	0 °C	0 °C	-10 °C	-10 °C	-20 °C	-20 °C	-20 °C
Maximum °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C	40 °C
Dimming %	1.0%	1.0%	1%	1.0%	1.0%	0.1%	0.1%	0.1%

Note: For L2, LH, EG and EN drivers consult chart on page 7 to confirm appropriate dimming curve for compatibility with selected control.

MAXIMUM ALLOWABLE REMOTE DRIVER WIRING DISTANCES

DRIVER	WIRE AWG				
	12	14	16	18	20
PH, SG, SN	285'	180'	113'	71'	45'
L2, LH, LP	60'	40'	25'	15'	-
EG, EN, ED	-	-	118'	72'	46'

LISTING

UL listed to UL1598 standard for Dry / Damp and Wet locations. Chicago Plenum, Airtight and Title 24 JA8-2019 Listed. Patent Pending.

BUY AMERICAN ACT

All IC and Non-IC Atomos configurations are Buy American Act compliant.

WARRANTY

Manufacturer's 1-year warranty guarantees product(s) listed to be free from defects in material and workmanship under normal use and service. 5-year warranty on LED and power supply to operate with 70% of the original flux and remain within a range of 3 duv. 10-year Lutron Advantage limited warranty available on Lutron equipped systems. Warranty period begins from the date of shipment by Seller. Consult website for full warranty terms and conditions.

ATOMOS2 SLIM FIXED

DIMMING COMPATIBILITY

LUTRON DRIVER COMPATIBILITY

Power supply L2 Lutron Product Family	Part No.
Maestro WirelessR 600 W dimmer	MRF2-6ND-120-
Maestro WirelessR 1000 W dimmer	MRF2-10ND-120-
Caséta® Wireless Pro 1000 W dimmer	PD-10NXD-
GRAFIK T™ CL® dimmer	GT-250M- GTJ-250M-
HomeWorks® QS adaptive dimmer	HQRD-6NA-
HomeWorks® QS 600 W dimmer	HQRD-6ND-
HomeWorks® QS 1000 W dimmer	HQRD-10ND-
RadioRA® 2 adaptive dimmer	RRD-6NA-
RadioRA® 2 1000 W dimmer	RRD-10ND
myRoom™ DIN power module	MQSE-4A1-D
HomeWorks® QS DIN power module	LQSE-4A1-D
HomeWorks® QS wallbox power module	HQRJ-WPM-6D-120
HomeWorks® wallbox power module	HWI-WPM-6D-120
GRAFIK Eye® QS control unit	QSGR-, QSGRJ-
GRAFIK Eye® 3000 control unit	GRX-3100- GRX-3500-
RPM-4U module (LCP, HomeWorks® QS, GRAFIK Systems™, Quantum®)	HW-RPM-4U-120 LP-RPM-4U-120
RPM-4A module (LCP, HomeWorks® QS, GRAFIK Systems™, Quantum®)	HW-RPM-4A-120, LP-RPM-4A-120
GP dimming panels	Various
Ariadni CL 250W dimmer	AYCL-253P-
Diva CL 250W dimmer	DVCL-253P- DCSCCL-253P-
Nova T CL 250W dimmer	NTCL-250-
Power supply LH Lutron Product Family	Part No.
PowPak Dimming Modules	RMJ-EC032-DV-B
PowPak Dimming Modules	FCJ/FCJS-ECO
Energi Savr Nodes	QSN-1ECO-S
GRAFIK Eye QS control unit	QSN-2ECO-S
Homeworks QS control unit	QSGRJ- _E (wireless) QSGR- _E
Quantum Hub	QP2- _ _ 2C
Quantum Hub	QP2- _ _ 4C
Quantum Hub	QP2- _ _ 6C
Quantum Hub	QP2- _ _ 8C
Homeworks QS power module	LQSE-2ECO-D
myRoom Plus power module	

eldoLED DRIVER COMPATIBILITY

Power supply EG Manufacturer	Family/Model #
Busch-Jaeger	2112U-101
Jung	240-10
Leviton Lighting Controls	IP710-DLX
Lightolier Controls	ZP600FAM120
Merten	5729
Pass & Seymour	CD4FB-W
The Watt Stopper	DCLV1
Synergy	ISD BC
Crestron®	GLX-DIMFLV8
Crestron®	GLXP-DIMFLV8
Crestron®	GLPAC-DIMFLV4-*
Crestron®	GLPAC-DIMFLV8-*
Crestron®	GLPP-DIMFLVEX-PM
Crestron®	GLPP-1DIMFLV2EX-PM
Crestron®	GLPP-1DIMFLV3EX-PM
Crestron®	DIN-A08
Crestron®	DIN-4DIMFLV4
Crestron®	CLS-EXP-DIMFLV
Crestron®	CLCI-1DIMFLV2EX
Power supply EN Manufacturer	Family/Model #
Lutron Electronics	Nova T® - NTFTV
Lutron Electronics	Diva® - DVTV
Lutron Electronics	Nova® - NFTV
Lutron Electronics	GrafixEye® GRX-TVI w GRX3503
Lutron Electronics	Energy Savr Node™ - QSN-4T16-S
Lutron Electronics	TVM2 Module
Sensor Switch	nI0 EZ
ABB	SD/S 2.16.1

