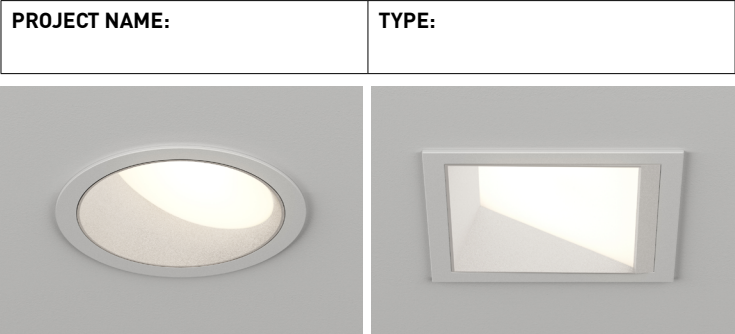


ATOMOS™ 2INT

WALLWASH

A miniature downlight range offering impressive performance in an extremely small profile with a 2" aperture.



ORDERING INFORMATION - FITTING

TRIM	TRIM TYPE	FITTING TYPE	RATING	TRIM FINISH	BAFFLE FINISH	LUMEN PACKAGE	CCT	OPTIC	INSTALL TYPE	DRIVER	EFFECTS DEVICE
		WW						WW	E		W
A2RW 2" Round Standard	F Flange Overlay	WW Wallwash	1 Dry / Damp (IP20)	WH White	WH White	STATIC WHITE	27 2700K	WW Wallwash	13mm - 50mm MAX CEILING THICKNESS	IP ELV / Triac, 1%* *(Not available for 8008D, 9007D, 9005D, or 9506D)	W Wallwash Lens
A2SW 2" Square Standard	T Trimless Drywall		2 Wet (IP44)	AB Architectural Bronze	AB Architectural Bronze	8008D 80+ CRI Wallwash lm delivered - 549	30 3000K			ID DALI, LOG, 1%	
	W Trimless Millwork*			AG Satin Silver	AG Satin Silver	8012D 80+ CRI Wallwash lm delivered - 1032	35 3500K			IN DALI, LIN, 1%	
	* (Not available for remodel installations)			AU Cashmere Gold	AU Cashmere Gold	9007D 90+ CRI Wallwash lm delivered - 465	40 4000K		E Export* * (For export use, outside of USA)		
				BB Burnt Bronze	BB Burnt Bronze	9010D 90+ CRI Wallwash lm delivered - 874				TUNABLE WHITE REMOTE (0.1%, 120-277V)	
				BK Black	BK Black	9506D 90+ CRI Wallwash lm delivered - 414				DD eidoLED, DUAL drive DALI-2, LOG	
				PR Primer	PR Primer	9509D 90+ CRI Wallwash lm delivered - 708					
				00 Trimless* *(Required for trimless)	CF Custom Finish* *(Consult Factory)						
				CF Custom Finish* *(Consult Factory)		WARM DIM	9005D 90+ CRI Wallwash lm delivered - 396	WL 2700K - 1800K			
						9009D 90+ CRI Wallwash lm delivered - 712	WD 3000K - 1800K				
						TUNABLE WHITE	9010D 90+ CRI Warm Profile Wallwash lm delivered - 703	TR 4000K - 1800K			
						Cool Profile Wallwash lm delivered - 619	TH 5000K - 2700K				
						*ALL LM DELIVERED OUTPUTS REFLECT 3000K PAIRED WITH WALLWASHW OPTIC AND WALLWASH MEDIA.					
								*SEE PAGE 2 FOR UGR RATINGS			



PART NUMBER NOTES

- Fitting ships as e.g., A2RWFWW1WHWH-9010D27-WWE-ID*W

ATOMOS2 INT WALLWASH

ACCESSORIES

REPLACEMENT OPTIC

Optic accessible through fitting aperture.

❑ **RO-A-WW-1** Wallwash optic

INSTALLATION / REMOVAL TOOL

Required for installation. One provided for every 10 fixtures.

❑ **A2-TOOL-INSTALL** Installation Tool

PERFORMANCE - 3000K

ROUND

LUMEN PACKAGE	WATTS	ROUND WALLWASH WALLWASH LENS	
		DLVD.	LPW
8008D	6	549	92
8012D	12	934	77
9007D	6	465	78
9010D	12	796	66
9506D	6	414	69
9509D	12	708	59
9005D (27K-18K)	6	396	66
9009D (30K-18K)	12	677	58
90010DTR (40K-18K)	10	703	70
9010DTH (50K-27K)	10	619	62

SQUARE

LUMEN PACKAGE	WATTS	SQUARE WALLWASH WALLWASH LENS	
		DLVD.	LPW
8008D	6	603	101
8012D	12	1032	87
9007D	6	511	85
9010D	12	874	74
9506D	6	455	76
9509D	12	778	65
9005D (27K-18K)	6	416	69
9009D (30K-18K)	12	712	61
90010DTR (40K-18K)	6	723	72
9010DTH (50K-27K)	12	636	64

OUTPUT MULTIPLIER

CCT	CCT SCALE
2400K	0.76
2700K	0.95
3000K	1.00
3500K	1.05
4000K	1.06

TUNABLE WHITE MULTIPLIER

CCT	5000K-2700K	4000K-1800K
5000K	1.16	-
4000K	1.08	1.14
3500K	1.04	1.07
3000K	1.00	1.00
2700K	0.96	0.92
2400K	-	0.84
1800K	-	0.69

UNIFIED GLARE RATING

WALLWASH OPTIC WALLWASH LENS
>19

FINISH LIGHT LOSS FACTOR

BAFFLE FINISH	LLF
WHITE	1.00
CASHMERE GOLD	0.96
SATIN SILVER	0.95
BURNT BRONZE	0.93
BLACK	0.92

Part L

75+ LPW configurations comply with residential Part L
95+ LPW configurations comply with commercial Part L

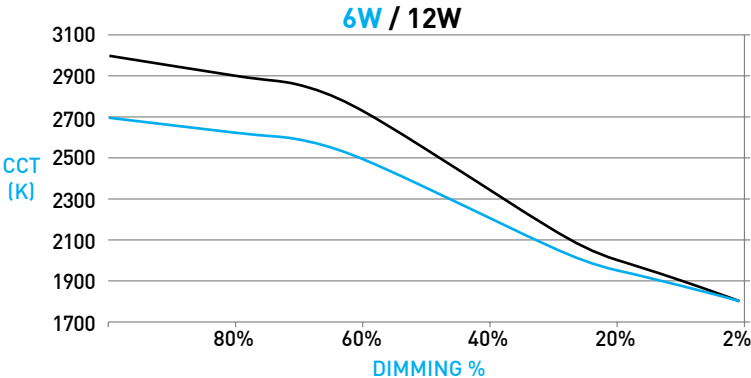
WARM DIM PERFORMANCE

ROUND

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)	677	542	474	339	135	68	13
Power (W)	12	9.6	8.4	6	2.4	1.2	0.2
Efficacy (LPW)	58	58	58	58	58	58	58
9005D 2700K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	2700	2160	1890	1350	540	270	54
Light Output (Lm)	396	317	277	198	79	40	8
Power (W)	6	4.8	4.2	3	1.2	0.6	0.1
Efficacy (LPW)	58	58	58	58	58	58	58

SQUARE

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)	712	570	498	356	142	71	14
Power (W)	12	9.6	8.4	6	2.4	1.2	0.2
Efficacy (LPW)	61	61	61	61	61	61	61
9005D 2700K - 1800K	Full on 100%	Dimmed to 80%	Dimmed to 70%	Dimmed to 50%	Dimmed to 20%	Dimmed to 10%	Dimmed to 2%
CCT (K)	2700	2160	1890	1350	540	270	54
Light Output (Lm)	416	332	291	208	83	42	8
Power (W)	6	4.8	4.2	3	1.2	0.6	0.1
Efficacy (LPW)	61	61	61	61	61	61	61



ATOMOS2 INT WALLWASH

DRIVE CURRENT SPECIFICS

	8006D	8009H	8012D	9007D	9009H	9010D	9506H	9509H	9509D	9005WD	9009WD	9010DTH	9010DTR
Minimum Vf	31	31	31	31	31	31	31	31	31	31	31	31	31
Maximum Vf	37	37	37	37	37	37	37	37	37	37	37	37	37
Current mA	150	200	280	150	200	280	150	200	280	150	280	225	225
Wattage W	5.1	7.4	9.3	5.1	7.4	9.3	5.1	7.4	9.3	4.9	9.3	8.3	8.3

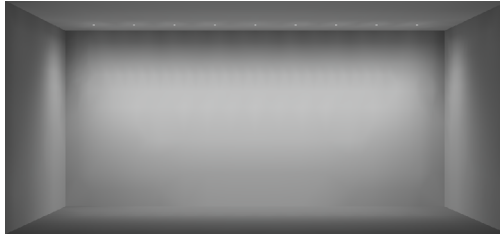
WALLWASH DESIGN GUIDE

ROUND



30" SETBACK / 30" ON CENTER SPACING

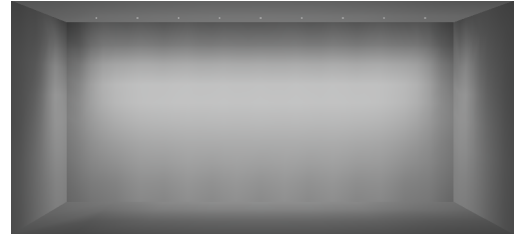
- AVERAGE FC: 11.48
- MIN / MAX: 5.81
- 10FT CEILING SHOWN / 8-12FT IDEAL
- 9 FIXTURES / 25FT WALL SHOWN



RECOMMENDED

36" SETBACK / 36" ON CENTER SPACING

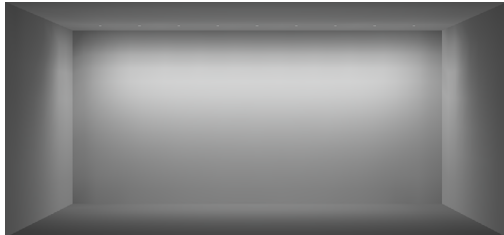
- AVERAGE FC: 9.26
- MIN / MAX: 5.30
- 10FT CEILING SHOWN / 8-12FT IDEAL
- 9 FIXTURES / 30FT WALL SHOWN



42" SETBACK / 42" SPACING ON CENTER

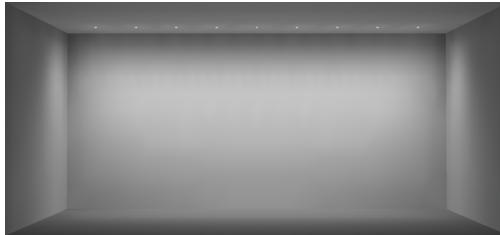
- AVERAGE FC: 7.22
- MIN / MAX: 7.60
- 10FT CEILING SHOWN / 8-12FT IDEAL
- 9 FIXTURES / 35FT WALL SHOWN

SQUARE



30" SETBACK / 30" ON CENTER SPACING

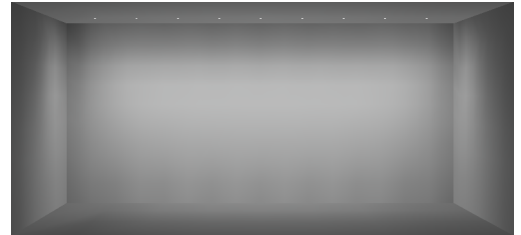
- AVERAGE FC: 12.64
- MIN / MAX: 4.83
- 10FT CEILING SHOWN / 8-12FT IDEAL
- 9 FIXTURES / 25FT WALL SHOWN



RECOMMENDED

36" SETBACK / 36" ON CENTER SPACING

- AVERAGE FC: 11.30
- MIN / MAX: 4.46
- 10FT CEILING SHOWN / 8-12FT IDEAL
- 9 FIXTURES / 30FT WALL SHOWN



42" SETBACK / 42" SPACING ON CENTER

- AVERAGE FC: 8.07
- MIN / MAX: 5.76
- 10FT CEILING SHOWN / 8-12FT IDEAL
- 9 FIXTURES / 35FT WALL SHOWN

ADDITIONAL SPACINGS AND SETBACKS

ROUND			
ON CENTER SPACING	SETBACK		
	30"	36"	42"
30"	SHOWN ABOVE	AVERAGE FC: 10.51 MIN / MAX: 5.83	AVERAGE FC: 9.62 MIN / MAX: 6.50
36"	AVERAGE FC: 10.01 MIN / MAX: 5.47	SHOWN ABOVE	AVERAGE FC: 8.53 MIN / MAX: 5.46
42"	AVERAGE FC: 8.47 MIN / MAX: 7.20	AVERAGE FC: 7.81 MIN / MAX: 7.18	SHOWN ABOVE

SQUARE			
ON CENTER SPACING	SETBACK		
	30"	36"	42"
30"	SHOWN ABOVE	AVERAGE FC: 11.68 MIN / MAX: 4.51	AVERAGE FC: 10.77 MIN / MAX: 4.69
36"	AVERAGE FC: 10.98 MIN / MAX: 4.43	SHOWN ABOVE	AVERAGE FC: 9.56 MIN / MAX: 4.09
42"	AVERAGE FC: 9.32 MIN / MAX: 5.75	AVERAGE FC: 8.67 MIN / MAX: 5.44	SHOWN ABOVE

ATOMOS2 INT WALLWASH

DOWNLIGHT

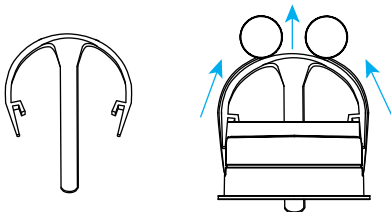
- A TRIM**
Precision engineered to provide exceptionally even wallwashing and minimal aperture glare.
- B OPTIC**
35° optic.
- C EFFECTS DEVICE**
Acrylic wallwash lens, included and sealed in place.
- D BAFFLE**
Die-cast removable baffle minimizes aperture glare and conceals view into housing or ceiling; includes silicone gasket. Square baffle sits proud of the flange or ceiling plane to provide enhanced wallwashing effect.

FITTING PROFILES

- **FLANGE OVERLAY**
Installed after ceiling is complete. Requires 59mm diameter cutout. Provides 4mm total contractor (goof) allowance with 5mm flange. Thickness measures 1.5mm
- **TRIMLESS DRYWALL**
Installs totally flush with the ceiling with no visible trim. Appliqué includes screws for mounting and has 1.5mm plaster stop. Not recommended for stucco applications.
- **TRIMLESS MILLWORK**
Installs totally flush with the ceiling with no visible trim. Utilizes the A2RS or A2SS standard configuration installed behind the ceiling. See additional information on page 4.
- **TRIMLESS MILLWORK SPACERS**
Ship with fitting when trimless millwork is specified. Must be installed flush with finished millwork mounting surface. Includes (1) 1.5mm spacer and (8) 3mm spacers.

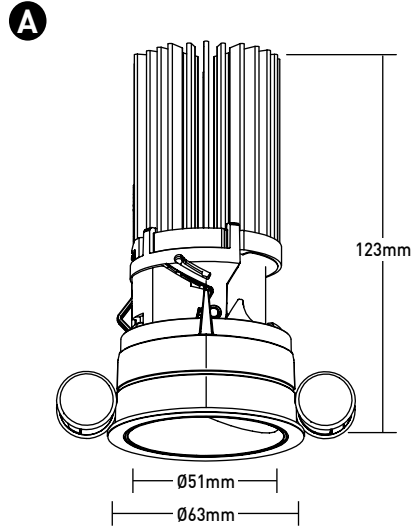
INSTALLATION

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

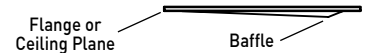
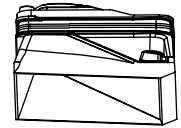
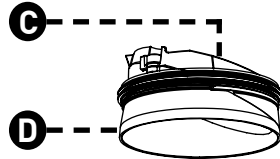
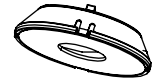
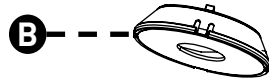
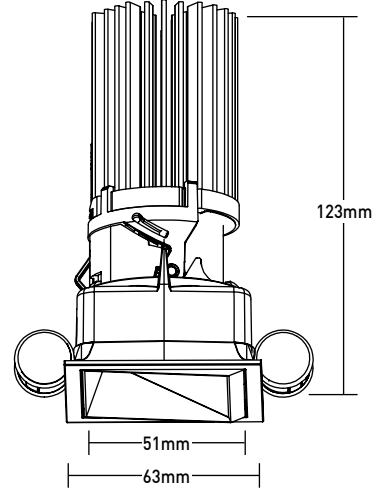


DIMENSIONS / DRAWINGS

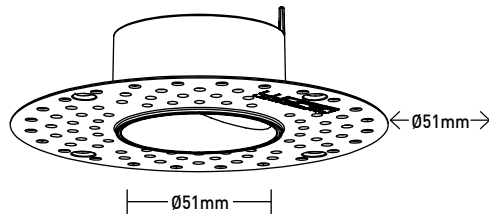
A2RS - FLANGE OVERLAY



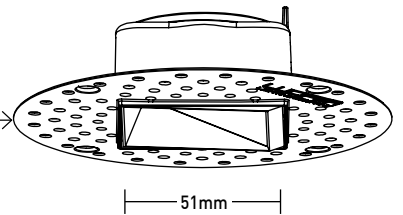
A2SS - FLANGE OVERLAY



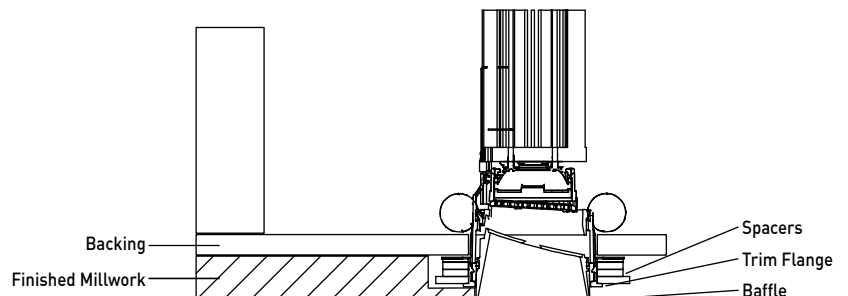
A2RS - TRIMLESS DRYWALL



A2SS - TRIMLESS DRYWALL



TRIMLESS MILLWORK DETAIL (EXAMPLE)

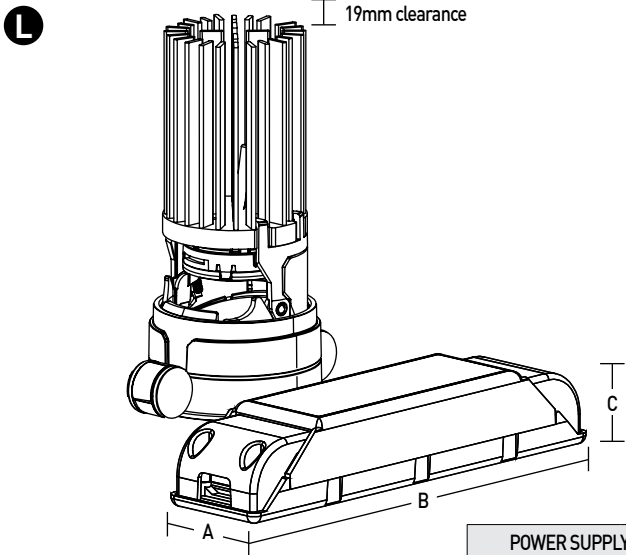


ATOMOS2 INT WALLWASH

POWER SUPPLY

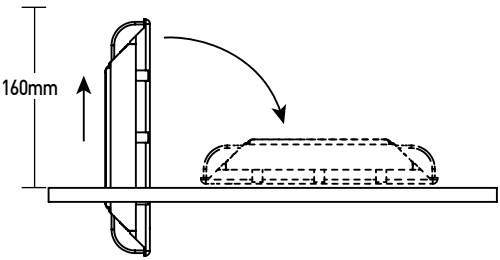
- **POWER SUPPLY**
- Minimum 160mm (ID / IN) or 235mm (IP) clearance from top of the ceiling plane to allow for driver installation and servicing.
- Minimum 19mm clearance from top of fitting.
- Minimum setback from combustible and non-combustible materials of 168mm radius from fitting centerline.
- Minimum 76mm setback from surfaces of power supply / junction box.
- Minimum additional 76mm setback from insulation material with max R-Value 30 from any surface of downlight fitting assembly.
- Minimum additional 152mm setback from polycell spray foam insulation with max R-Value 60 from any surface of downlight fitting assembly.
- Consult factory for spacing requirements for any installations exceeding R-Value 60.
- Do not install in environments where ambient temperatures exceed 40°C (104°F).

DIMENSIONS / DRAWINGS

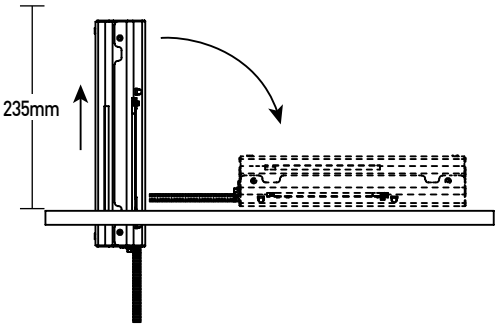


POWER SUPPLY DIMENSIONS			
Model	A	B	C
IP	32mm	83mm	25mm
ID	42mm	161mm	31mm
IN			

ID / IN DRIVER REQUIRES MINIMUM 160MM CLEARANCE ABOVE CEILING



IP DRIVER REQUIRES MINIMUM 235MM CLEARANCE ABOVE CEILING



ATOMOS2 INT WALLWASH

TECHNICAL

CONSTRUCTION

Fitting: Painted finishes are granulated powder coat.

Appliqué: High strength fiber reinforced polymer.

STATIC WHITE LED

2-step MacAdam ellipse LED module available in 80+, 90+, and 95+ CRI configurations in color temperatures of 2700K, 3000K, 3500K and 4000K.

3-step MacAdam ellipse LED module available in 80+ and 90+ CRI configuration in color temperature of 2400K. 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 or 2700K at full brightness, warming to 1800K at full dim. Average rated lamp life of 50,000 hours. LED and driver assemblies are field-replaceable.

TUNABLE WHITE LED

3-step MacAdam ellipse tunable white LED module available in 90+ CRI configuration. Features tuning range of 2700K to 5000K and 1800K to 4000K. Average rated lamp life of 50,000 hours. Driver assemblies are field-replaceable.

POWER SUPPLY PERFORMANCE AND DIMMING INFORMATION

	ELV		DALI	
Power Supply	IP	ID	IN	DD
Minimum °C	-10 °C	-20 °C	-20 °C	-20 °C
Maximum °C	40 °C	40 °C	40 °C	40 °C
Dimming %	1.0%	1.0%	1.0%	0.1%

SPACING

Recommended fixture spacing is 36" on center with 36" setback from wall plane.

LISTING

CE listed for IP20 Dry / Damp and IP44 Wet locations. NOM Ceritified. Patent Pending.

PART L

Part L compliant for all 75+ LPW residential and 95+ LPW commercial configurations.

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.

CHANGE LOG

- 05/31/2023: UPDATED ROUND BAFFLE TO FLAT BAFFLE DESIGN.
- 02/07/2024: ADDED 2400K, LOW WATTAGE, AND TUNABLE WHITE OFFERINGS
- 2/15/2024: PART L COMPLIANCE ADDED
- 3/15/2024: ADDED 10 DEGREE FIELD REDUCER, UPDATED 10 DEGREE PERFORMANCE DATA.
- 10/31/2024: ADDED 95+ CRI OFFERING.

