



# RBC LiONS™ Solactive Canada Banks Index Linked Accelerator Securities (CAD), Series 1 Non-Principal Protected Security

10 year term

600% participation in  
the upside performance of  
the Underlying Index

Solactive Equal  
Weight Canada Banks  
5% AR Index

Subscriptions Close

on or about  
November 19, 2021

FUNDSERV

RBC4731

This summary is qualified in its entirety by a pricing supplement (the “Pricing Supplement”), the base shelf prospectus dated February 27, 2020, the program prospectus supplement dated February 27, 2020 and the product prospectus supplement dated February 27, 2020 in respect of index linked securities.

[www.rbcnotes.com](http://www.rbcnotes.com)

## KEY TERMS

Issuer:	Royal Bank of Canada
Issuer Credit Ratings:	Moody's: Aa2; S&P: AA-; DBRS: AA
Currency:	CAD
Minimum Investment:	50 Securities or \$5,000
Term:	Approximately 10 years
Principal at Risk:	The Securities are not principal protected
Underlying Index:	The return on the Securities is linked to the adjusted returns of the Solactive Equal Weight Canada Banks 5% AR Index (the “ <b>Underlying Index</b> ”). The Underlying Index is an adjusted return index that aims to track the gross total return performance of the Solactive Equal Weight Canada Banks Index (the “ <b>Target Index</b> ”), subject to a reduction of a synthetic dividend of 5% per annum calculated daily in arrears (the “ <b>Adjusted Return Factor</b> ”). <b>For the avoidance of doubt, the return on the Securities is linked to the Underlying Index and is not linked to the Target Index.</b> The Closing Level on October 29, 2021 was 196.58. The Adjusted Return Factor will therefore result in a reduction of a synthetic dividend of 0.0819 index points on November 1, 2021. If the closing level of the Target Index does not change, over the term of the Securities, the sum of the Adjusted Return Factor will result in an aggregate reduction of synthetic dividends of approximately 78.65 index points, representing 40.01% of the Closing Level on October 29, 2021. If the closing level of the Target Index changes over the term of the Securities, the aggregate reduction of synthetic dividends may be higher or lower than 78.65 index points. Securities do not represent an interest in the Underlying Index, the Target Index or in the securities of the entities that comprise the Target Index, and holders will have no right or entitlement to such securities including, without limitation, redemption rights (if any), voting rights or rights to receive dividends or other distributions paid on such securities.
Issue Date:	November 26, 2021
Initial Index Level:	The “ <b>Initial Index Level</b> ” is the Closing Level on November 22, 2021 (the “ <b>Initial Valuation Date</b> ”).
Final Index Level:	The “ <b>Final Index Level</b> ” is the Closing Level on November 24, 2031 (the “ <b>Final Valuation Date</b> ”).
Closing Level:	The “ <b>Closing Level</b> ” on any date is the official closing level of the Underlying Index quoted on <a href="http://www.solactive.com">www.solactive.com</a> for such date, as determined by the Calculation Agent.
Maturity Date:	November 27, 2031

A final base shelf prospectus containing important information relating to the securities described in this document has been filed with the securities regulatory authorities in each of the provinces and territories of Canada. A copy of the final base shelf prospectus, any amendment to the final base shelf prospectus and any applicable shelf prospectus supplement that has been filed, is required to be delivered with this document. This document does not provide full disclosure of all material facts relating to the securities offered. Investors should read the final base shelf prospectus, any amendment and any applicable shelf prospectus supplement for disclosure of those facts, especially risk factors relating to the securities offered, before making an investment decision.

## KEY TERMS CONTINUED

Payment at Maturity:	<p>Payment at maturity will be based on the performance (or “<b>Percentage Change</b>”) of the Underlying Index measured from the Initial Index Level to the Final Index Level and, in the case of a positive Percentage Change only, multiplied by the Participation Rate of 600.00%. The amount payable (the “<b>Redemption Amount</b>”) on each \$100 Principal Amount per Security at maturity will be determined as follows:</p> <p>If the Percentage Change in the Underlying Index is <b>positive</b>, then the Redemption Amount will be:</p> <ul style="list-style-type: none"> <li>\$100 + (\$100 x Participation Rate x Percentage Change)</li> </ul> <p>If the Percentage Change in the Underlying Index is <b>zero or negative</b>, then the Redemption Amount will be:</p> <ul style="list-style-type: none"> <li>\$100 + (\$100 x Percentage Change)</li> </ul> <p>All dollar amounts will be rounded to the nearest whole cent. The minimum payment at maturity is \$1.00.</p>	
Percentage Change:	<p>The “<b>Percentage Change</b>” is the amount, expressed as a percentage rounded to three decimal places, equal to:</p> $\frac{(\text{Final Index Level} - \text{Initial Index Level})}{\text{Initial Index Level}}$	
Participation Rate:	600.00%, applied only if the Percentage Change is positive.	
Secondary Market:	Fundserv – RBC4731	
Initial Estimated Value:	<p>The initial estimated value of the Securities as of November 5, 2021 was \$81.48 per Security, which is less than the price to the public and is not an indication of the actual profit to the Bank or its affiliates. The actual value of the Securities at any time will reflect many factors, cannot be predicted with accuracy, and may be less than this amount. The initial estimated value of the Securities is an estimate only and is based on the value of the Bank’s obligation to make the payments on the Securities. We describe our determination of the initial estimated value in more detail in the Pricing Supplement.</p>	
Early Trading Charge Schedule:	If Sold Within the Following No. of Days from the Issue Date	Early Trading Charge (% of Principal Amount)
	1-180 days	3.50%
	181-270 days	3.00%
	271-360 days	2.50%
	361-450 days	1.50%
	451-540 days	0.50%
	Thereafter	Nil
Sample Calculations of the Redemption Amount:	<p><b>Sample Calculations of Redemption Amount</b></p> <p>The examples set out below are included for illustration purposes only. The levels of the Underlying Index used to illustrate the calculation of the Redemption Amount are not estimates or forecasts of the Initial Index Level and Final Index Level on which the calculation of the Percentage Change, and in turn the Redemption Amount, will depend. All examples assume that a holder of the Securities has purchased Securities with an aggregate Principal Amount of \$100 and that no Extraordinary Event has occurred. All dollar amounts are rounded to the nearest whole cent.</p> <p><b><u>Example #1 — Calculation of the Redemption Amount where the Percentage Change is zero or negative</u></b></p> <p>Assuming that the Initial Index Level is 196.58 and the Final Index Level is 88.46, the Redemption Amount would be calculated as follows:</p> <p>Initial Index Level = 196.58</p> <p>Final Index Level = 88.46</p> <p>Percentage Change = <math>(88.46 - 196.58) / 196.58 = -0.5500</math> or -55.00%</p> <p>Since the Percentage Change is zero or negative, the Redemption Amount is calculated as follows:</p> <p>Redemption Amount = <math>\\$100 + (\\$100 \times -55.00\%) = \\$45.00</math></p> <p>In this example, the Redemption Amount results in a loss on the Principal Amount equivalent to an annually compounded loss rate of 7.67%.</p>	

**Example #2 — Calculation of the Redemption Amount where the Percentage Change is zero or negative**

Assuming that the Initial Index Level is 196.58 and the Final Index Level is 186.75, the Redemption Amount would be calculated as follows:

Initial Index Level = 196.58

Final Index Level = 186.75

Percentage Change =  $(186.75 - 196.58) / 196.58 = -0.0500$  or -5.00%

Since the Percentage Change is zero or negative, the Redemption Amount is calculated as follows:

Redemption Amount =  $\$100 + (\$100 \times -5.00\%) = \$95.00$

In this example, the Redemption Amount results in a loss on the Principal Amount equivalent to an annually compounded loss rate of 0.51%.

**Example #3 — Calculation of the Redemption Amount where the Percentage Change is positive**

Assuming that the Initial Index Level is 196.58 and the Final Index Level is 206.41, the Redemption Amount would be calculated as follows:

Initial Index Level = 196.58

Final Index Level = 206.41

Percentage Change =  $(206.41 - 196.58) / 196.58 = 0.0500$  or 5.00%

Since the Percentage Change is positive, the Redemption Amount is calculated as follows:

Redemption Amount =  $\$100 + (\$100 \times 600.00\% \times 5.00\%) = \$130.00$

In this example, the Redemption Amount provides a return on the Principal Amount equivalent to an annually compounded rate of return of 2.66%.

**Example #4 — Calculation of the Redemption Amount where the Percentage Change is positive**

Assuming that the Initial Index Level is 196.58 and the Final Index Level is 304.70, the Redemption Amount would be calculated as follows:

Initial Index Level = 196.58

Final Index Level = 304.70

Percentage Change =  $(304.70 - 196.58) / 196.58 = 0.5500$  or 55.00%

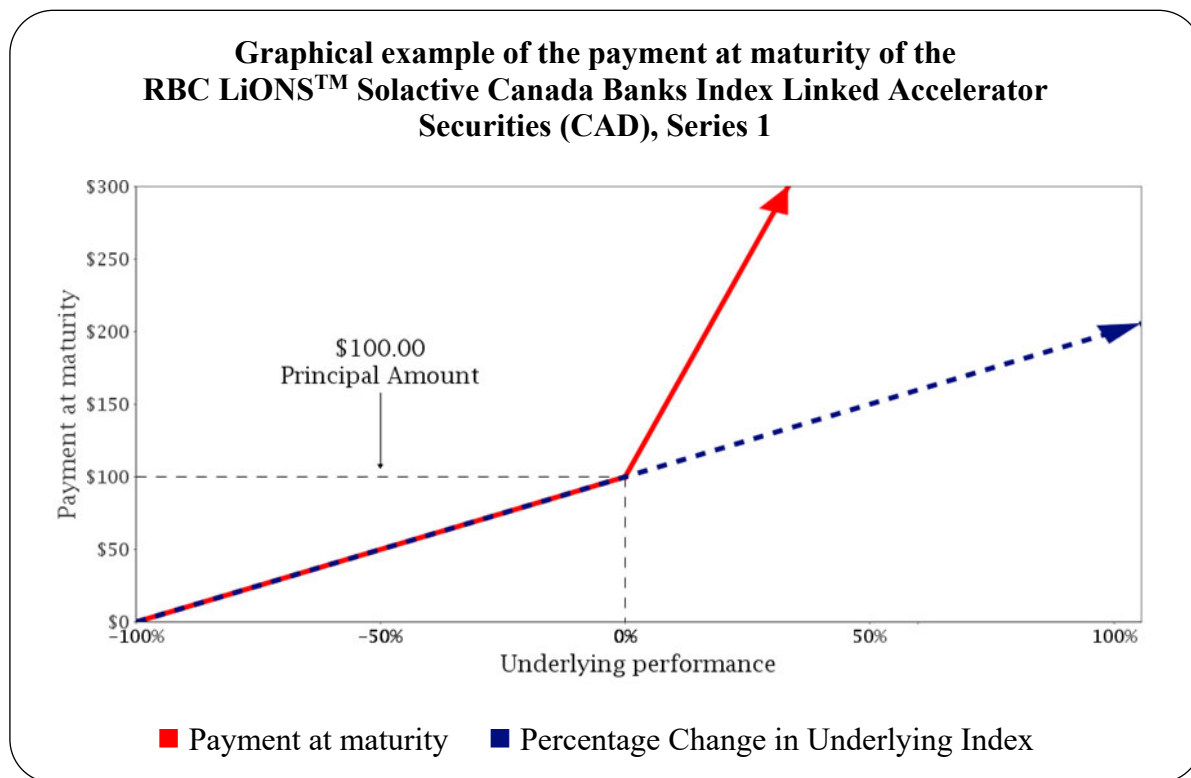
Since the Percentage Change is positive, the Redemption Amount is calculated as follows:

Redemption Amount =  $\$100 + (\$100 \times 600.00\% \times 55.00\%) = \$430.00$

In this example, the Redemption Amount provides a return on the Principal Amount equivalent to an annually compounded rate of return of 15.70%.

## GRAPHICAL DESCRIPTION OF THE PAYMENT AT MATURITY

The graph set out below is included for illustration purposes only. The Underlying Index levels used to illustrate the calculation of the payment at maturity are not estimates or forecasts of the Initial Index Level and Final Index Level on which the calculation of the Percentage Change, and in turn the Redemption Amount, will depend. This graph shows a limited range of hypothetical returns on the Underlying Index and is intended to be representative of that range only. Returns on the Underlying Index not shown on the graph are still possible to achieve and the corresponding returns on the Securities should be calculated using the formulas set out in the Pricing Supplement. This graph demonstrates what the return on the Securities will be for a specific return on the Underlying Index. There can be no assurance that any specific return will be achieved. All examples assume that a holder of the Securities has purchased Securities with an aggregate Principal Amount of \$100 and that no Extraordinary Event has occurred. The minimum payment at maturity is \$1.00.



The Solactive Equal Weight Canada Banks 5% AR Index is owned, calculated, administered and published by Solactive AG (“Solactive”), and the name “Solactive” is a registered trademark of Solactive. The Solactive Equal Weight Canada Banks 5% AR Index has been licensed for use by the Bank in connection with the Securities. The Securities are not sponsored, promoted, sold or supported in any other manner by Solactive and Solactive makes no representation or warranty, express or implied, regarding the advisability of investing in such product(s). Solactive does not guarantee the accuracy or completeness of the Solactive Equal Weight Canada Banks 5% AR Index or the Solactive Equal Weight Canada Banks Index, any data included therein, or any data from which it is derived, nor has any liability for any errors, omissions, or interruptions therein.

All capitalized terms unless otherwise defined have the meanings ascribed to them in the Pricing Supplement.

Clients should evaluate the financial, market, legal, regulatory, credit, tax and accounting risks and consequences of the proposal before entering into any transaction, or purchasing any instrument. Clients should evaluate such risks and consequences independently of Royal Bank of Canada and the Dealers, RBC Dominion Securities Inc. and Laurentian Bank Securities Inc., respectively.

The Securities will not constitute deposits insured under the *Canada Deposit Insurance Corporation Act*.

An investment in the Securities involves risks. The Securities are linked to the Underlying Index which reflects (i) the applicable price changes of the constituent securities of the Target Index and any dividends and distributions paid in respect of such securities, without deduction of any withholding tax or other amounts accruing thereon to which an investor holding the constituent securities of the Target Index would typically be exposed, less (ii) the Adjusted Return Factor. An investment in the Securities is not the same as a direct investment in the securities that comprise the Target Index to which the Securities are linked and investors have no rights with respect to the securities underlying such index. The return on the Securities will not reflect the total return that an investor would receive if such investor owned the securities that comprise the Target Index. The Securities are considered to be “specified derivatives” under applicable Canadian securities laws. If you purchase Securities, you will be exposed to changes in the level of the Underlying Index and fluctuations in interest rates, among other factors. Index levels are volatile and an investment in the Securities may be considered to be speculative. Since the Securities are not principal protected and the Principal Amount will be at risk, you could lose substantially all of your investment. Potential purchasers of Securities should consult with their own tax advisors having regard to their particular circumstances.

The Securities are not fixed income securities and are not designed to be alternatives to fixed income or money market instruments. The Securities are structured products that possess downside risk.