European Deep Value Dividend Portfolio, Series 24

FT 8166

FT 8166 is a series of a unit investment trust, the FT Series. FT 8166 consists of a single portfolio known as European Deep Value Dividend Portfolio, Series 24 (the “Trust”). The Trust invests in a diversified portfolio of common stocks (“Securities”). The Trust seeks above-average total return through a combination of capital appreciation and dividend income.

THE SECURITIES AND EXCHANGE COMMISSION (“SEC”) HAS NOT APPROVED OR DISAPPROVED OF THESE SECURITIES OR PASSED UPON THE ADEQUACY OF THIS PROSPECTUS. ANY REPRESENTATION TO THE CONTRARY IS A CRIMINAL OFFENSE.

FIRST TRUST®

800–621–1675

The date of this prospectus is July 24, 2019
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Summary of Essential Information (Unaudited)

EUROPEAN DEEP VALUE DIVIDEND PORTFOLIO, SERIES 24
FT 8166

At the Opening of Business on the Initial Date of Deposit—July 24, 2019

Sponsor: First Trust Portfolios L.P.
Trustee: The Bank of New York Mellon
Evaluator: First Trust Advisors L.P.

Initial Number of Units (1)  ........................................... 16,886
Fractional Undivided Interest in the Trust per Unit (1)  ........................................... 1/16,886
Public Offering Price:
Public Offering Price per Unit (2) ........................................... $ 10.000
Less Initial Sales Charge per Unit (3) ........................................... (.000)
Aggregate Offering Price Evaluation of Securities per Unit (4)  ........................................... 10.000
Less Deferred Sales Charge per Unit (3) ........................................... (.225)
Redemption Price per Unit (5) ........................................... 9.775
Less Creation and Development Fee per Unit (3)(5) ........................................... (.050)
Less Organization Costs per Unit (5) ........................................... (.032)
Net Asset Value per Unit ........................................... $ 9.693
Cash CUSIP Number ........................................... 30311D 342
Reinvestment CUSIP Number ........................................... 30311D 359
Fee Account Cash CUSIP Number ........................................... 30311D 367
Fee Account Reinvestment CUSIP Number ........................................... 30311D 375
Pricing Line Product Code ........................................... 125370
Ticker Symbol ........................................... FALNBX

First Settlement Date ........................................... July 26, 2019
Mandatory Termination Date (6) ........................................... July 23, 2021
Income Distribution Record Date ........................................... Tenth day of each month, commencing August 10, 2019.
Income Distribution Date (7) ........................................... Twenty-fifth day of each month, commencing August 25, 2019.

(1) As of the Evaluation Time on the Initial Date of Deposit, we may adjust the number of Units of the Trust so that the Public Offering Price per Unit will equal approximately $10.00. If we make such an adjustment, the fractional undivided interest per Unit will vary from the amount indicated above.
(2) The Public Offering Price shown above reflects the value of the Securities on the business day prior to the Initial Date of Deposit. No investor will purchase Units at this price. The price you pay for your Units will be based on their valuation at the Evaluation Time on the date you purchase your Units. On the Initial Date of Deposit, the Public Offering Price per Unit will not include any accumulated dividends on the Securities. After this date, a pro rata share of any accumulated dividends on the Securities will be included.
(3) You will pay a maximum sales charge of 2.75% of the Public Offering Price per Unit (equivalent to 2.75% of the net amount invested) which consists of an initial sales charge, a deferred sales charge and a creation and development fee. The sales charges are described in the “Fee Table.”
(4) Each listed Security is valued at its last closing sale price on the relevant stock exchange at the Evaluation Time on the business day prior to the Initial Date of Deposit. If a Security is not listed, or if no closing sale price exists, it is generally valued at its closing ask price on such date. See “Public Offering–The Value of the Securities.” The value of foreign Securities trading in non-U.S. currencies is determined by converting the value of such Securities to their U.S. dollar equivalent based on the currency exchange rate for the currency in which a Security is generally denominated at the Evaluation Time on the business day prior to the Initial Date of Deposit. Evaluations for purposes of determining the purchase, sale or redemption price of Units are made as of the close of trading on the New York Stock Exchange (“NYSE”) (generally 4:00 p.m. Eastern time) on each day on which it is open (the “Evaluation Time”).
(5) The creation and development fee will be deducted from the assets of the Trust at the end of the initial offering period and the estimated organization costs per Unit will be deducted from the assets of the Trust at the earlier of six months after the Initial Date of Deposit or the end of the initial offering period. If Units are redeemed prior to any such reduction, these fees will not be deducted from the redemption proceeds. See “Redeeming Your Units.”
(6) See “Amending or Terminating the Indenture.”
(7) The Trustee will distribute money from the Capital Account monthly on the twenty-fifth day of each month to Unit holders of record on the tenth day of each month if the amount available for distribution equals at least $1.00 per 100 Units. In any case, the Trustee will distribute any funds in the Capital Account in December of each year and as part of the final liquidation distribution. See “Income and Capital Distributions.”
This Fee Table describes the fees and expenses that you may, directly or indirectly, pay if you buy and hold Units of the Trust. See “Public Offering” and “Expenses and Charges.” Although the Trust has a term of approximately two years and is a unit investment trust rather than a mutual fund, this information allows you to compare fees.

### Unit Holder Sales Fees (as a percentage of public offering price)

#### Maximum Sales Charge

<table>
<thead>
<tr>
<th>Fee Type</th>
<th>Amount per Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial sales charge</td>
<td>0.00%(a) $0.00</td>
</tr>
<tr>
<td>Deferred sales charge</td>
<td>2.25%(b) $0.225</td>
</tr>
<tr>
<td>Creation and development fee</td>
<td>0.50%(c) $0.050</td>
</tr>
<tr>
<td>Maximum sales charge (including creation and development fee)</td>
<td>2.75% $0.275</td>
</tr>
</tbody>
</table>

### Organization Costs (as a percentage of public offering price)

<table>
<thead>
<tr>
<th>Cost Type</th>
<th>Amount per Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimated organization costs</td>
<td>320%(d) $0.0320</td>
</tr>
</tbody>
</table>

### Estimated Annual Trust Operating Expenses (as a percentage of average net assets)

<table>
<thead>
<tr>
<th>Expense</th>
<th>Amount per Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portfolio supervision, bookkeeping, administrative and evaluation fees</td>
<td>.080% $0.0080</td>
</tr>
<tr>
<td>Trustee’s fee and other operating expenses</td>
<td>.468%(f) $0.0469</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>.548% $0.0549</td>
</tr>
</tbody>
</table>

#### Example

This example is intended to help you compare the cost of investing in the Trust with the cost of investing in other investment products. The example assumes that you invest $10,000 in the Trust for the periods shown. The example also assumes a 5% return on your investment each year and that the Trust’s operating expenses stay the same. The example does not take into consideration transaction fees which may be charged by certain broker/dealers for processing redemption requests. Although your actual costs may vary, based on these assumptions your costs, assuming you sell or redeem your Units at the end of each period, would be:

<table>
<thead>
<tr>
<th>Period</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Year</td>
<td>$362</td>
</tr>
<tr>
<td>2 Years</td>
<td>$417</td>
</tr>
</tbody>
</table>

The example will not differ if you hold rather than sell your Units at the end of each period.

(a) The combination of the initial and deferred sales charge comprises what we refer to as the “transactional sales charge.” The initial sales charge is actually equal to the difference between the maximum sales charge of 2.75% and the sum of any remaining deferred sales charge and creation and development fee. When the Public Offering Price per Unit equals $10, there is no initial sales charge. If the price you pay for your Units exceeds $10 per Unit, you will pay an initial sales charge.

(b) The deferred sales charge is a fixed dollar amount equal to $.225 per Unit which, as a percentage of the Public Offering Price, will vary over time. The deferred sales charge will be deducted in three monthly installments commencing November 20, 2019.

(c) The creation and development fee compensates the Sponsor for creating and developing the Trust. The creation and development fee is a charge of $.050 per Unit collected at the end of the initial offering period, which is expected to be approximately three months from the Initial Date of Deposit. If the price you pay for your Units exceeds $10 per Unit, the creation and development fee will be less than 0.50%; if the price you pay for your Units is less than $10 per Unit, the creation and development fee will exceed 0.50%. If you purchase Units after the initial offering period, you will not be assessed the creation and development fee.

(d) Estimated organization costs will be deducted from the assets of the Trust at the earlier of six months after the Initial Date of Deposit or the end of the initial offering period. Estimated organization costs are assessed on a fixed dollar amount per Unit basis which, as a percentage of average net assets, will vary over time.

(e) Each of the fees listed herein is assessed on a fixed dollar amount per Unit basis which, as a percentage of average net assets, will vary over time.

(f) Other operating expenses for the Trust do not include brokerage costs and other portfolio transaction fees for the Trust. In certain circumstances the Trust may incur additional expenses not set forth above. See “Expenses and Charges.”
To the Unit Holders and the Sponsor, First Trust Portfolios L.P., of FT 8166

Opinion on the Statement of Net Assets

We have audited the accompanying statement of net assets of FT 8166, comprising European Deep Value Dividend Portfolio, Series 24 (the “Trust”), one of the series constituting the FT Series, including the schedule of investments, as of the opening of business on July 24, 2019 (Initial Date of Deposit), and the related notes. In our opinion, the statement of net assets presents fairly, in all material respects, the financial position of the Trust as of the opening of business on July 24, 2019 (Initial Date of Deposit), in conformity with accounting principles generally accepted in the United States of America.

Basis for Opinion

This statement of net assets is the responsibility of the Trust’s Sponsor. Our responsibility is to express an opinion on this statement of net assets based on our audit. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (PCAOB) and are required to be independent with respect to the Trust in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audit in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the statement of net assets is free of material misstatement, whether due to error or fraud. The Trust is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. As part of our audit we are required to obtain an understanding of internal control over financial reporting but not for the purpose of expressing an opinion on the effectiveness of the Trust’s internal control over financial reporting. Accordingly, we express no such opinion.

Our audit included performing procedures to assess the risks of material misstatement of the statement of net assets, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the statement of net assets. Our audit also included evaluating the accounting principles used and significant estimates made by the Trust’s Sponsor, as well as evaluating the overall presentation of the statement of net assets. Our procedures included confirmation of the irrevocable letter of credit held by The Bank of New York Mellon, the Trustee, and deposited in the Trust for the purchase of securities, as shown in the statement of net assets, as of the opening of business on July 24, 2019, by correspondence with the Trustee. We believe that our audit provides a reasonable basis for our opinion.

/s/ DELOITTE & Touche LLP

Chicago, Illinois
July 24, 2019

We have served as the auditor of one or more investment companies sponsored by First Trust Portfolios L.P. since 2001.
Statement of Net Assets

EUROPEAN DEEP VALUE DIVIDEND PORTFOLIO, SERIES 24
FT 8166

At the Opening of Business on the Initial Date of Deposit—July 24, 2019

NET ASSETS

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Investment in Securities represented by purchase contracts</td>
<td>$168,864</td>
</tr>
<tr>
<td>Less liability for reimbursement to Sponsor for organization costs</td>
<td>(540)</td>
</tr>
<tr>
<td>Less liability for deferred sales charge</td>
<td>(3,799)</td>
</tr>
<tr>
<td>Less liability for creation and development fee</td>
<td>(844)</td>
</tr>
<tr>
<td>Net assets</td>
<td>$163,681</td>
</tr>
<tr>
<td>Units outstanding</td>
<td>16,886</td>
</tr>
<tr>
<td>Net asset value per Unit</td>
<td>$9.693</td>
</tr>
</tbody>
</table>

ANALYSIS OF NET ASSETS

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost to investors</td>
<td>$168,864</td>
</tr>
<tr>
<td>Less maximum sales charge</td>
<td>(4,643)</td>
</tr>
<tr>
<td>Less estimated reimbursement to Sponsor for organization costs</td>
<td>(540)</td>
</tr>
<tr>
<td>Net assets</td>
<td>$163,681</td>
</tr>
</tbody>
</table>

NOTES TO STATEMENT OF NET ASSETS

The Trust is registered as a unit investment trust under the Investment Company Act of 1940. The Sponsor is responsible for the preparation of financial statements in accordance with accounting principles generally accepted in the United States which require the Sponsor to make estimates and assumptions that affect amounts reported herein. Actual results could differ from those estimates. The Trust intends to comply in its initial fiscal year and thereafter with provisions of the Internal Revenue Code applicable to regulated investment companies and as such, will not be subject to federal income taxes on otherwise taxable income (including net realized capital gains) distributed to Unit holders.

(1) The Trust invests in a diversified portfolio of common stocks. Aggregate cost of the Securities listed under “Schedule of Investments” is based on their aggregate underlying value. The Trust has a Mandatory Termination Date of July 23, 2021.

(2) An irrevocable letter of credit issued by The Bank of New York Mellon, of which approximately $200,000 has been allocated to the Trust, has been deposited with the Trustee as collateral, covering the monies necessary for the purchase of the Securities according to their purchase contracts.

(3) A portion of the Public Offering Price consists of an amount sufficient to reimburse the Sponsor for all or a portion of the costs of establishing the Trust. These costs have been estimated at $0.0320 per Unit. A payment will be made at the earlier of six months after the Initial Date of Deposit or the end of the initial offering period to an account maintained by the Trustee from which the obligation of the investors to the Sponsor will be satisfied. To the extent that actual organization costs of the Trust are greater than the estimated amount, only the estimated organization costs added to the Public Offering Price will be reimbursed to the Sponsor and deducted from the assets of the Trust.

(4) Represents the amount of mandatory deferred sales charge distributions of $.225 per Unit, payable to the Sponsor in three equal monthly installments beginning on November 20, 2019 and on the twentieth day of each month thereafter (or if such date is not a business day, on the preceding business day) through January 17, 2020. If Unit holders redeem Units before January 17, 2020, they will have to pay the remaining amount of the deferred sales charge applicable to such Units when they redeem them.

(5) The creation and development fee ($0.050 per Unit) is payable by the Trust on behalf of Unit holders out of assets of the Trust at the end of the initial offering period. If Units are redeemed prior to the close of the initial offering period, the fee will not be deducted from the proceeds.

(6) Net asset value per Unit is calculated by dividing the Trust’s net assets by the number of Units outstanding. This figure includes organization costs and the creation and development fee, which will only be assessed to Units outstanding at the earlier of six months after the Initial Date of Deposit or the end of the initial offering period in the case of organization costs or the close of the initial offering period in the case of the creation and development fee.

(7) The aggregate cost to investors in the Trust includes a maximum sales charge (comprised of an initial and a deferred sales charge and the creation and development fee) computed at the rate of 2.75% of the Public Offering Price (equivalent to 2.75% of the net amount invested, exclusive of the deferred sales charge and the creation and development fee), assuming no reduction of the maximum sales charge as set forth under “Public Offering.”
**Schedule of Investments**

**EUROPEAN DEEP VALUE DIVIDEND PORTFOLIO, SERIES 24
FT 8166**

At the Opening of Business on the
Initial Date of Deposit—July 24, 2019

<table>
<thead>
<tr>
<th>Ticker Symbol and Name of Issuer of Securities (1)(3)(4) #</th>
<th>Percentage of Aggregate Offering Price</th>
<th>Number of Shares</th>
<th>Market Value per Share</th>
<th>Cost of Securities to the Trust (2)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>COMMON STOCKS (100.00%):</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Austria (3.33%)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VOE AV Voestalpine AG</td>
<td>3.33%</td>
<td>202</td>
<td>$ 27.81</td>
<td>$ 5,618</td>
</tr>
<tr>
<td><strong>Belgium (6.65%):</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>KBC BB KBC Groupe N.V.</td>
<td>3.33%</td>
<td>85</td>
<td>66.21</td>
<td>5,628</td>
</tr>
<tr>
<td>SOLB BB Solvay SA</td>
<td>3.32%</td>
<td>53</td>
<td>105.83</td>
<td>5,609</td>
</tr>
<tr>
<td><strong>Denmark (6.65%):</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DANSKE DC Danske Bank A/S</td>
<td>3.33%</td>
<td>363</td>
<td>15.50</td>
<td>5,628</td>
</tr>
<tr>
<td>PNDORA DC Pandora A/S</td>
<td>3.32%</td>
<td>143</td>
<td>39.24</td>
<td>5,611</td>
</tr>
<tr>
<td><strong>Finland (6.67%):</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STERV FH Stora Enso Oyj (Class R)</td>
<td>3.33%</td>
<td>472</td>
<td>11.92</td>
<td>5,624</td>
</tr>
<tr>
<td>UPM FH UPM-Kymmene Oyj</td>
<td>3.34%</td>
<td>206</td>
<td>27.34</td>
<td>5,633</td>
</tr>
<tr>
<td><strong>France (23.34%):</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BNP FP BNP Paribas S.A.</td>
<td>3.34%</td>
<td>118</td>
<td>47.85</td>
<td>5,646</td>
</tr>
<tr>
<td>EN FP Bouygues S.A.</td>
<td>3.34%</td>
<td>154</td>
<td>36.62</td>
<td>5,639</td>
</tr>
<tr>
<td>ACA FP Credit Agricole S.A.</td>
<td>3.33%</td>
<td>458</td>
<td>12.28</td>
<td>5,626</td>
</tr>
<tr>
<td>PUB FP Publicis Groupe</td>
<td>3.34%</td>
<td>115</td>
<td>49.05</td>
<td>5,640</td>
</tr>
<tr>
<td>RNO FP Renault S.A.</td>
<td>3.33%</td>
<td>96</td>
<td>58.62</td>
<td>5,628</td>
</tr>
<tr>
<td>GLE FP Societe Generale S.A.</td>
<td>3.33%</td>
<td>219</td>
<td>25.67</td>
<td>5,622</td>
</tr>
<tr>
<td>FR FP Valeo S.A.</td>
<td>3.33%</td>
<td>177</td>
<td>31.77</td>
<td>5,623</td>
</tr>
<tr>
<td><strong>Germany (20.00%):</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BMW GY Bayerische Motoren Werke (BMW) AG</td>
<td>3.34%</td>
<td>73</td>
<td>77.29</td>
<td>5,642</td>
</tr>
<tr>
<td>ICOV GY Covestro AG</td>
<td>3.33%</td>
<td>116</td>
<td>48.39</td>
<td>5,613</td>
</tr>
<tr>
<td>DAI GY Daimler AG</td>
<td>3.33%</td>
<td>105</td>
<td>53.56</td>
<td>5,623</td>
</tr>
<tr>
<td>LHA GY Deutsche Lufthansa AG</td>
<td>3.33%</td>
<td>330</td>
<td>17.04</td>
<td>5,623</td>
</tr>
<tr>
<td>EOAN GY E.ON SE</td>
<td>3.33%</td>
<td>531</td>
<td>10.60</td>
<td>5,629</td>
</tr>
<tr>
<td>EVK GY Evonik Industries AG</td>
<td>3.34%</td>
<td>189</td>
<td>29.83</td>
<td>5,638</td>
</tr>
<tr>
<td><strong>Italy (3.34%):</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENEL IM Enel SpA</td>
<td>3.34%</td>
<td>805</td>
<td>6.99</td>
<td>5,630</td>
</tr>
</tbody>
</table>
Schedule of Investments (cont’d.)

EUROPEAN DEEP VALUE DIVIDEND PORTFOLIO, SERIES 24
FT 8166
At the Opening of Business on the
Initial Date of Deposit—July 24, 2019

<table>
<thead>
<tr>
<th>Ticker Symbol and Name of Issuer of Securities (1)(3)(4) #</th>
<th>Percentage of Aggregate Offering Price</th>
<th>Number of Shares</th>
<th>Market Value per Share</th>
<th>Cost of Securities to the Trust (2)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>The Netherlands (3.34%):</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>INGA NA ING Groep N.V.</td>
<td>3.34%</td>
<td>492</td>
<td>$11.45</td>
<td>$5,634</td>
</tr>
<tr>
<td><strong>Norway (3.34%):</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EQNR NO Equinor ASA</td>
<td>3.34%</td>
<td>296</td>
<td>19.02</td>
<td>5,630</td>
</tr>
<tr>
<td><strong>Spain (3.33%):</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TEF SM Telefonica, S.A.</td>
<td>3.33%</td>
<td>694</td>
<td>8.11</td>
<td>5,626</td>
</tr>
<tr>
<td><strong>Sweden (3.33%):</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SEBA SS Skandinaviska Enskilda Banken AB (Class A)</td>
<td>3.33%</td>
<td>567</td>
<td>9.92</td>
<td>5,627</td>
</tr>
<tr>
<td><strong>United Kingdom (16.68%):</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BWY LN Bellway Plc</td>
<td>3.34%</td>
<td>156</td>
<td>36.17</td>
<td>5,643</td>
</tr>
<tr>
<td>CCL LN Carnival Plc</td>
<td>3.34%</td>
<td>127</td>
<td>44.33</td>
<td>5,630</td>
</tr>
<tr>
<td>LGEN LN Legal &amp; General Group Plc</td>
<td>3.33%</td>
<td>1,680</td>
<td>3.35</td>
<td>5,628</td>
</tr>
<tr>
<td>LLOY LN Lloyds Banking Group Plc</td>
<td>3.33%</td>
<td>7,941</td>
<td>0.71</td>
<td>5,629</td>
</tr>
<tr>
<td>RIO LN Rio Tinto Plc</td>
<td>3.34%</td>
<td>94</td>
<td>60.04</td>
<td>5,644</td>
</tr>
<tr>
<td><strong>Total Investments</strong></td>
<td><strong>100.00%</strong></td>
<td></td>
<td></td>
<td><strong>$168,864</strong></td>
</tr>
</tbody>
</table>

(1) All Securities are represented by regular way contracts to purchase such Securities which are backed by an irrevocable letter of credit deposited with the Trustee. The Sponsor entered into purchase contracts for the Securities on July 24, 2019. Such purchase contracts are expected to settle within two business days.

(2) The cost of the Securities to the Trust represents the aggregate underlying value with respect to the Securities acquired—generally determined by the closing sale prices of the Securities on the applicable exchange (where applicable, converted into U.S. dollars at the exchange rate at the Evaluation Time) at the Evaluation Time on the business day prior to the Initial Date of Deposit. The Evaluato, at its discretion, may make adjustments to the prices of Securities held by the Trust if an event occurs after the close of the market on which a Security normally trades but before the Evaluation Time, depending on the nature and significance of the event, consistent with applicable regulatory guidance relating to fair value pricing. The cost of Securities to the Trust may not compute due to rounding the market value per share. The valuation of the Securities has been determined by the Evaluato, an affiliate of the Sponsor. In accordance with Financial Accounting Standards Board Accounting Standards Codification 820, “Fair Value Measurement,” the Trust’s investments are classified as Level 1, which refers to securities traded in an active market. The cost of the Securities to the Sponsor and the Sponsor’s loss (which is the difference between the cost of the Securities to the Sponsor and the cost of the Securities to the Trust) are $169,704 and $840, respectively.

(3) Companies are categorized by the country in which their corporate headquarters are located. Common stocks of companies headquartered or incorporated outside the United States comprise 100.00% of the investments of the Trust.

(4) Securities of companies in the following sectors comprise the approximate percentage of the investments of the Trust as indicated: Communication Services, 6.67%; Consumer Discretionary, 23.33%; Energy, 3.34%; Financials, 29.99%; Industrials, 6.67%; Materials, 23.33% and Utilities, 6.67%.

# Each Security represents the common stock of a foreign company which trades directly on a foreign securities exchange.
The FT Series Defined.

We, First Trust Portfolios L.P. (the “Sponsor”), have created hundreds of similar yet separate series of a unit investment trust which we have named the FT Series. The series to which this prospectus relates, FT 8166, consists of a single portfolio known as European Deep Value Dividend Portfolio, Series 24.

The Trust was created under the laws of the State of New York by a Trust Agreement (the “Indenture”) dated the Initial Date of Deposit. This agreement, entered into among First Trust Portfolios L.P., as Sponsor, The Bank of New York Mellon as Trustee and First Trust Advisors L.P. as Portfolio Supervisor and Evaluator, governs the operation of the Trust.

You may get more specific details concerning the nature, structure and risks of this product in an “Information Supplement” by calling the Sponsor at 800–621–1675, dept. code 2.

How We Created the Trust.

On the Initial Date of Deposit, we deposited a portfolio of common stocks with the Trustee and, in turn, the Trustee delivered documents to us representing our ownership of the Trust in the form of units (“Units”).

After the Initial Date of Deposit, we may deposit additional Securities in the Trust, or cash (including a letter of credit or the equivalent) with instructions to buy more Securities, to create new Units for sale. If we create additional Units, we will attempt, to the extent practicable, to maintain the percentage relationship established among the Securities on the Initial Date of Deposit (as set forth in “Schedule of Investments”), adjusted to reflect the sale, redemption or liquidation of any of the Securities or any stock split or a merger or other similar event affecting the issuer of the Securities.

Since the prices of the Securities will fluctuate daily, the ratio of Securities in the Trust, on a market value basis, will also change daily. The portion of Securities represented by each Unit will not change as a result of the deposit of additional Securities or cash in the Trust. If we deposit cash, you and new investors may experience a dilution of your investment. This is because prices of Securities will fluctuate between the time of the cash deposit and the purchase of the Securities, and because the Trust pays the associated brokerage fees. To reduce this dilution, the Trust will try to buy the Securities as close to the Evaluation Time and as close to the evaluation price as possible. In addition, because the Trust pays the brokerage fees associated with the creation of new Units and with the sale of Securities to meet redemption and exchange requests, frequent redemption and exchange activity will likely result in higher brokerage expenses.

An affiliate of the Trustee may receive these brokerage fees or the Trustee may retain and pay us (or our affiliate) to act as agent for the Trust to buy Securities. If we or an affiliate of ours act as agent to the Trust, we will be subject to the restrictions under the Investment Company Act of 1940, as amended (the “1940 Act”). When acting in an agency capacity, we may select various broker/dealers to execute securities transactions on behalf of the Trust, which may include broker/dealers who sell Units of the Trust. We do not consider sales of Units of the Trust or any other products sponsored by First Trust as a factor in selecting such broker/dealers.

We cannot guarantee that the Trust will keep its present size and composition for any length of time. Securities may be periodically sold under certain circumstances to satisfy Trust obligations, to meet redemption requests and, as described in “Removing Securities from the Trust,” to maintain the sound investment character of the Trust, and the proceeds received by the Trust will be used to meet Trust obligations or distributed to Unit holders, but will not be reinvested. However, Securities will not be sold to take advantage of market fluctuations or changes in anticipated rates of appreciation or depreciation, or if they no longer meet the criteria by which they were selected. You will not be able to dispose of or vote any of the Securities in the Trust. As the holder of the Securities, the Trustee will vote the Securities and, except as described in “Removing Securities from the Trust,” will endeavor to vote the Securities such that the Securities are voted as closely as possible in the same manner and the same general proportion as are the Securities held by owners other than such Trust.

Neither we nor the Trustee will be liable for a failure in any of the Securities. However, if a contract for the purchase of any of the Securities initially deposited in the Trust fails, unless we can purchase substitute Securities (“Replacement Securities”) we will refund to you that portion of the purchase price and transactional sales charge resulting from the failed contract on the next Income Distribution Date. Any Replacement Security the Trust acquires will be identical to those from the failed contract.
Objective.

The Trust seeks above-average total return through a combination of capital appreciation and dividend income. Under normal circumstances, the Trust will invest at least 80% of its assets in dividend-paying securities of companies headquartered or incorporated in Europe. The Trust is concentrated in stocks of financials companies.

The Trust is a unit investment trust that invests in 30 European companies that have low estimated current year price-to-earnings (“P/E”) ratios in addition to above-average dividend yields. We believe these companies may offer long-term investors an opportunity for capital appreciation and dividend income based on these factors.

The Importance of P/E Ratios.

The P/E ratio is considered the most common measure of a stock’s value. Stocks that have high P/E ratios tend to be considered a higher risk investment than those with low P/E ratios, since a high P/E ratio often signifies high earnings growth expectations.

The Importance of Dividends.

 Corporations are not obligated to share their earnings with stockholders. So, in our opinion, dividends may be viewed as a sign of a company’s profitability as well as management’s assessment of the future. We believe that companies that have shown a solid history of distributing dividends to shareholders are a wise choice for prudent investors to consider as part of their overall investment plan.

Portfolio Selection Process.

Through our selection process we seek to find the stocks that we believe have the best prospects for above-average total return.

Identify the Universe. The first step in our selection process is to identify the universe of stocks from which we will select the portfolio. To establish the universe, we begin with the companies listed in the STOXX Europe 600 Index. Companies that issue stock, the custody of which cannot be maintained by the Trustee, have been removed from the universe of stocks from which the portfolio is selected.

Screen the Universe. The next step in our process is to evaluate the companies in the universe based on the ratio of each stock’s current price to its estimated current year earnings and also its dividend payout ratio. These screens are designed to identify stocks with a low P/E ratio and the ability to sustain its dividend yield. We screen stocks for an estimated current year P/E ratio of less than 15 and a dividend payout ratio of less than 60%.

Select the Portfolio. The final step is to select the 30 highest dividend-yielding stocks for the portfolio subject to a maximum of approximately 30% in a single sector. For purposes of this restriction, consumer discretionary and consumer staples are considered separate sectors. The stocks are approximately equally weighted within the portfolio.

Based on the composition of the portfolio on the Initial Date of Deposit, the Trust is considered to be a Large-Cap Value Trust.

From time to time in the prospectus or in marketing materials we may identify a portfolio’s style and capitalization characteristics to describe a trust. These characteristics are designed to help you better understand how the Trust may fit into your overall investment plan. These characteristics are determined by the Sponsor as of the Initial Date of Deposit and, due to changes in the value of the Securities, may vary thereafter. In addition, from time to time, analysts and research professionals may apply different criteria to determine a Security’s style and capitalization characteristics, which may result in designations which differ from those arrived at by the Sponsor. In general, growth stocks are those with high relative price-to-book ratios while value stocks are those with low relative price-to-book ratios. At least 65% of the stocks in a trust on the trust’s initial date of deposit must fall into either the growth or value category for a trust itself to receive the designation. Trusts that do not meet this criteria are designated as blend trusts. In determining market capitalization characteristics, we analyze the market capitalizations of the 3,000 largest stocks in the United States (excluding foreign securities, American Depositary Receipts/ADRs, limited partnerships and regulated investment companies). Companies with market capitalization among the largest 10% are considered Large-Cap securities, the next 20% are considered Mid-Cap securities and the remaining securities are considered Small-Cap securities. Both the weighted average market capitalization of a trust and at least half of the Securities in a trust must be classified as either Large-Cap, Mid-Cap or Small-Cap in order for a trust to be designated as such. Trusts, however, may contain individual stocks that do not fall into its stated style or market capitalization designation.

Of course, as with any similar investments, there can be no assurance that the objective of the Trust will be achieved. See “Risk Factors” for a discussion of the risks of investing in the Trust.
Risk Factors

**Price Volatility.** The Trust invests in common stocks of foreign companies. The value of the Trust’s Units will fluctuate with changes in the value of these common stocks. Common stock prices fluctuate for several reasons including changes in investors’ perceptions of the financial condition of an issuer or the general condition of the relevant stock market, such as the current market volatility, or when political or economic events affecting the issuers occur. In addition, common stock prices may be particularly sensitive to rising interest rates, as the cost of capital rises and borrowing costs increase.

Because the Trust is not managed, the Trustee will not sell stocks in response to or in anticipation of market fluctuations, as is common in managed investments. As with any investment, we cannot guarantee that the performance of the Trust will be positive over any period of time, or that you won’t lose money. Units of the Trust are not deposits of any bank and are not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency.

**Current Economic Conditions.** The global economy continues to experience moderate growth. At the same time developed and developing economies outside the United States are broadly experiencing economic recoveries on a regional and global perspective. Worldwide, central bank monetary policy is trending towards policies of interest rate normalization though at different levels of commitment and in varying degrees of progress.

As economies around the world have begun to reflate, inflation has trended modestly higher but so far not to worrisome levels. Inflation remains relatively tame worldwide, partly reflecting unemployment rates, worker participation rates and a continuation of the process of financial deleveraging in major developed economies. The global employment situation has improved but upside to wage growth remains challenged, as the effects of globalization and technology continue to weigh on labor markets in many countries and regions. Prices of most primary commodities, a driving force behind some emerging market economies, have come off their highs recently due to a number of factors including regional economic slowdowns and concerns tied to trade skirmish/war risk. Recent strength of the U.S. dollar against a number of foreign currencies has negatively impacted sentiment towards foreign assets and attracted investors to U.S. assets. Concern about the continued strength in the price of oil would appear somewhat overstated considering the effects of technology on production, distribution and usage, which are counter-inflationary over the intermediate to long term.

Monetary risk remains a concern should central banks raise their benchmark rates suddenly at a quicker pace and to unexpectedly higher levels.

Tax reform in the United States, in the form of tax cuts and opportunity for repatriation of earnings for corporations, could provide liquidity as the Federal Reserve removes stimulus via the process of normalization. In effect, this could enable companies to navigate the process of interest rate normalization without as much disruption as some expect.

Tariff risk could possibly recede quickly should resolution appear on the horizon. For now, fundamentals stateside (economic and corporate revenue and earnings) do not appear to be showing signs of deterioration but rather look to have further room for improvement.

Due to the current state of uncertainty in the economy, the value of the Securities held by the Trust may be subject to steep declines or increased volatility due to changes in performance or perception of the issuers.

**Dividends.** There is no guarantee that the issuers of the Securities will declare dividends in the future or that, if declared, they will either remain at current levels or increase over time.

**Concentration Risk.** When at least 25% of a trust’s portfolio is invested in securities issued by companies within a single sector, the trust is considered to be concentrated in that particular sector. If the Trust is concentrated in more than one sector, at least 25% of the Trust’s portfolio is invested in each sector in which it is concentrated. A portfolio concentrated in one or more sectors may present more risks than a portfolio broadly diversified over several sectors.

The Trust is concentrated in stocks of financials companies.

**Financials.** Companies in the financial services sector include banks, thrifts, brokerage firms, broker/dealers, investment banks, finance companies, mutual fund companies, mortgage real estate investment trusts and insurance companies.

Banks, thrifts and their holding companies are especially subject to the adverse effects of economic recession, decreases in the availability of capital, volatile interest rates, portfolio concentrations in geographic markets and in commercial and residential real estate loans, and competition from new entrants in their fields...
of business. Although legislation repealed most of the barriers which separated the banking, insurance and securities industries, these industries are still extensively regulated at both the federal and state level and may be adversely affected by increased regulations.

The financial crisis, initially related to the subprime mortgage market, spread to other parts of the economy, and subsequently affected credit and capital markets worldwide and reduced the willingness of lenders to extend credit, thus making borrowing on favorable terms more difficult. In addition, the liquidity of certain debt instruments has been reduced or eliminated due to the lack of available market makers. Negative economic events in the credit markets have also led some firms to declare bankruptcy, forced short-notice sales to competing firms, or required government intervention by the Federal Deposit Insurance Corporation (“FDIC”) or through an infusion of Troubled Asset Relief Program funds. Furthermore, accounting rule changes, including the standards regarding the valuation of assets, consolidation in the banking industry and additional volatility in the stock market have the potential to significantly impact financial services companies as well.

In response to recent market and economic conditions, the U.S. Government has taken a variety of extraordinary measures designed to stimulate the economy and financial markets including capital injections and the acquisition of illiquid assets. In addition, governmental authorities in the United States and other countries have passed and may continue to pass laws and regulations, such as the Dodd-Frank Wall Street Reform and Consumer Act (“Dodd-Frank”), that have had a direct impact on companies in the financial services sector. These recent laws and regulations provide for increased restrictions on investment activities; increased oversight, regulation and involvement in the practices of companies in the financial services sector by entities such as the Financial Services Oversight Council, the Federal Reserve Board, the office of the Controller of the Currency and the FDIC; contain safeguard provisions limiting the way banks and their holding companies are able to pay dividends, purchase their own common stock and compensate officers; subject companies in the financial services sector to forward looking stress tests to determine if they have sufficient capital to withstand certain economic scenarios, including situations more severe than the current recession; and increase efforts to investigate the actions of companies and individuals in the financial services sector. These regulatory changes could cause business disruptions or result in significant loss of revenue, and there can be no assurance as to the actual impact that these laws and their regulations will have on the financial markets. In addition, with the election of a Republican president and a Republican-controlled Congress, it is possible that there will be significant changes to Dodd-Frank and other recently enacted laws and regulations. It is difficult to predict the impact that such changes will have on the economy, generally or companies in the financial services sector.

Banks and thrifts face increased competition from nontraditional lending sources and financial services providers including brokerage firms, broker/dealers, investment banks, mutual fund companies and other companies that offer various financial products. Technological advances allow these nontraditional lending sources and financial services providers to cut overhead and permit the more efficient use of customer data. These companies compete with banks and thrifts to provide traditional financial services products in addition to their brokerage and investment advice. The FRB recently issued a final rule which establishes requirements for determining when a company is predominantly engaged in financial activities. While the final rule does not designate any companies for additional supervision or regulation, these companies could be subject to the requirements of the Bank Holding Act of 1956 (“BHC Act”). These companies could be required to register as bank holding companies with the FRB and could be subject to capital and other regulatory requirements of traditional banks, among other potential new or enhanced regulatory standards. The BHC Act generally restricts bank holding companies from engaging in business activities other than the business of banking and certain closely related activities. This may result in a decrease in profits and missed business opportunities for these companies. Additionally, certain companies that are unable to meet the newly imposed regulatory requirements might be forced to cease their financing activities, which could further reduce available credit for consumers.

Mortgage real estate investment trusts (“Mortgage REITs”) provide financing for real estate by purchasing or originating mortgages and mortgage-backed securities and earn income from the interest on these investments. The value of Mortgage REITs and the ability of Mortgage REITs to distribute income may be adversely affected by factors that impact companies in the financial services sector such as rising interest rates and changes in the national, state and local economic climate, but also by risks associated with investments in real estate, such as real estate conditions, perceptions of prospective tenants of the safety, convenience and attractiveness of the properties, the ability of the owner to provide adequate management, maintenance and insurance, the cost of complying with the Americans with Disabilities Act, increased competition from new properties, the
impact of present or future environmental laws and compliance with environmental laws, changes in real estate taxes and other operating expenses, adverse changes in governmental rules and fiscal policies, adverse changes in zoning laws, and other factors beyond the control of the issuers of Mortgage REITs.

Companies involved in the insurance industry are engaged in underwriting, selling, distributing or placing of property and casualty, life or health insurance. Insurance company profits are affected by many factors, including interest rate movements, the imposition of premium rate caps, competition and pressure to compete globally. Property and casualty insurance profits may also be affected by weather catastrophes, acts of terrorism and other disasters. Life and health insurance profits may be affected by mortality rates. Already extensively regulated, insurance companies’ profits may also be adversely affected by increased government regulations or tax law changes. Dodd-Frank also established the Treasury’s Federal Insurance Office. The Federal Insurance Office has the authority to monitor all aspects of the insurance sector, to monitor the extent to which underserved communities and consumers have the ability to access affordable non-health insurance products, and to represent the United States on international insurance matters. This enhanced oversight into the insurance industry may pose unknown risks to the sector as a whole.

**Europe.** All of the Securities held by the Trust are issued by companies headquartered and/or incorporated in Europe. The Trust is therefore subject to certain risks associated specifically with Europe. A significant number of countries in Europe are member states in the European Union, and the member states no longer control their own monetary policies by directing independent interest rates for their currencies. In these member states, the authority to direct monetary policies, including money supply and official interest rates for the Euro, is exercised by the European Central Bank. Furthermore, the European sovereign debt crisis and the related austerity measures in certain countries have had, and continues to have, a significant negative impact on the economies of certain European countries and their future economic outlooks. The United Kingdom vote to leave the E.U. and other recent rapid political and social change throughout Europe make the extent and nature of future economic development in Europe and the effect on Securities issued by European issuers difficult to predict.

**Foreign Securities.** All of the Securities held by the Trust are issued by foreign entities, which makes the Trust subject to more risks than if it invested solely in domestic securities. A foreign Security held by the Trust is either directly listed on a U.S. securities exchange, is in the form of an American Depositary Receipt/ADR or a Global Depositary Receipt/GDR which trades on the over-the-counter market or is listed on a U.S. or foreign securities exchange, or is directly listed on a foreign securities exchange. Risks of foreign securities include higher brokerage costs; different accounting standards; expropriation, nationalization or other adverse political or economic developments; currency devaluations, blockages or transfer restrictions; restrictions on foreign investments and exchange of securities; inadequate financial information; lack of liquidity of certain foreign markets; and less government supervision and regulation of exchanges, brokers, and issuers in foreign countries. Certain foreign markets have experienced heightened volatility due to recent negative political or economic developments or natural disasters. Securities issued by non-U.S. issuers may pay interest and/or dividends in foreign currencies and may be principally traded in foreign currencies. Therefore, there is a risk that the U.S. dollar value of these interest and/or dividend payments and/or securities will vary with fluctuations in foreign exchange rates. Investments in debt securities of foreign governments present special risks, including the fact that issuers may be unable or unwilling to repay principal and/or interest when due in accordance with the terms of such debt, or may be unable to make such repayments when due in the currency required under the terms of the debt. Political, economic and social events also may have a greater impact on the price of debt securities issued by foreign governments than on the price of U.S. securities.

American Depositary Receipts/ADRs, Global Depositary Receipts/GDRs and similarly structured securities may be less liquid than the underlying shares in their primary trading market. Any distributions paid to the holders of depositary receipts are usually subject to a fee charged by the depositary. Issuers of depositary receipts are not obligated to disclose information that is considered material in the United States. As a result, there may be less information available regarding such issuers. Holders of depositary receipts may have limited voting rights, and investment restrictions in certain countries may adversely impact the value of depositary receipts because such restrictions may limit the ability to convert shares into depositary receipts and vice versa. Such restrictions may cause shares of the underlying issuer to trade at a discount or premium to the market price of the depositary receipts.

The purchase and sale of the Securities will generally occur only in foreign securities markets. Because
foreign securities exchanges may be open on different days than the days on which investors may purchase or redeem Units, the value of the Trust’s Securities may change on days when investors are not able to purchase or redeem Units. Although we do not believe that the Trust will have problems buying and selling these Securities, certain of the factors stated above may make it impossible to buy or sell them in a timely manner.

Custody of the Securities in the Trust is maintained by Crest Co. Ltd. for United Kingdom Securities and Euroclear Bank, a global custody and clearing institution, for all other foreign Securities, each of which has entered into a sub-custodian relationship with the Trustee. In the event the Trustee informs the Sponsor of any material change in the custody risks associated with maintaining assets with the entities above, the Sponsor will instruct the Trustee to take such action as the Sponsor deems appropriate to minimize such risk.

**Exchange Rates.** Because securities of foreign issuers not listed on a U.S. securities exchange generally pay dividends and trade in foreign currencies, the U.S. dollar value of these Securities (and therefore Units of the Trusts containing securities of foreign issuers) will vary with fluctuations in foreign exchange rates. As the value of Units of a Trust will vary with fluctuations in both the value of the underlying Securities as well as foreign exchange rates, an increase in the value of the Securities could be more than offset by a decrease in value of the foreign currencies in which they are denominated against the U.S. dollar, resulting in a decrease in value of the Units. Most foreign currencies have fluctuated widely in value against the U.S. dollar for various economic and political reasons.

To determine the value of foreign Securities not listed on a U.S. securities exchange or their dividends, the Evaluator will estimate current exchange rates for the relevant currencies based on activity in the various currency exchange markets. However, these markets can be quite volatile, depending on the activity of the large international commercial banks, various central banks, large multi-national corporations, speculators, hedge funds and other buyers and sellers of foreign currencies. Since actual foreign currency transactions may not be instantly reported, the exchange rates estimated by the Evaluator may not reflect the amount the Trusts would receive, in U.S. dollars, had the Trustee sold any particular currency in the market. The value of the Securities in terms of U.S. dollars, and therefore the value of your Units, will decline if the U.S. dollar increases in value relative to the value of the currency in which the Securities trade. In addition, the value of dividends received in foreign currencies will decline in value in terms of U.S. dollars if the U.S. dollar increases in value relative to the value of the currency in which the dividend was paid prior to the time in which the dividend is converted to U.S. dollars.

**Small and/or Mid Capitalization Companies.** Certain of the Securities held by the Trust are issued by small and/or mid capitalization companies. Investing in stocks of such companies may involve greater risk than investing in larger companies. For example, such companies may have limited product lines, as well as shorter operating histories, less experienced management and more limited financial resources than larger companies. Securities of such companies generally trade in lower volumes and are generally subject to greater and less predictable changes in price than securities of larger companies. In addition, small and mid-cap stocks may not be widely followed by the investment community, which may result in low demand.

**Cybersecurity Risk.** As the use of Internet technology has become more prevalent in the course of business, the Trust has become more susceptible to potential operational risks through breaches in cybersecurity. A breach in cybersecurity refers to both intentional and unintentional events that may cause the Trust to lose proprietary information, suffer data corruption or lose operational capacity. Such events could cause the Sponsor of the Trust to incur regulatory penalties, reputational damage, additional compliance costs associated with corrective measures and/or financial loss. Cybersecurity breaches may involve unauthorized access to digital information systems utilized by the Trust through “hacking” or malicious software coding, but may also result from outside attacks such as denial-of-service attacks through efforts to make network services unavailable to intended users. In addition, cybersecurity breaches of the Trust’s third-party service providers, or issuers in which the Trust invests, can also subject the Trust to many of the same risks associated with direct cybersecurity breaches. The Sponsor of, and third-party service provider to, the Trust have established risk management systems designed to reduce the risks associated with cybersecurity. However, there is no guarantee that such efforts will succeed, especially because the Trust does not directly control the cybersecurity systems of issuers or third-party service providers.

**Legislation/Litigation.** From time to time, various legislative initiatives are proposed in the United States and abroad which may have a negative impact on certain of the companies represented in the Trust. In addition, litigation regarding any of the issuers of the Securities, or the industries represented by these issuers, may nega-
tively impact the value of these Securities. We cannot predict what impact any pending or proposed legislation or pending or threatened litigation will have on the value of the Securities.

Public Offering

The Public Offering Price.

Units will be purchased at the Public Offering Price, the price per Unit of which is comprised of the following:

• The aggregate underlying value of the Securities;
• The amount of any cash in the Income and Capital Accounts;
• Dividends receivable on Securities; and
• The maximum sales charge (which combines an initial upfront sales charge, a deferred sales charge and the creation and development fee).

The price you pay for your Units will differ from the amount stated under “Summary of Essential Information” due to various factors, including fluctuations in the prices of the Securities, changes in the relevant currency exchange rates, changes in the applicable commissions, stamp taxes, custodial fees and other costs associated with foreign trading, and changes in the value of the Income and/or Capital Accounts.

Although you are not required to pay for your Units until two business days following your order (the “date of settlement”), you may pay before then. You will become the owner of Units (“Record Owner”) on the date of settlement if payment has been received. If you pay for your Units before the date of settlement, we may use your payment during this time and it may be considered a benefit to us, subject to the limitations of the Securities Exchange Act of 1934, as amended.

Organization Costs. Securities purchased with the portion of the Public Offering Price intended to be used to reimburse the Sponsor for the Trust’s organization costs (including costs of preparing the registration statement, the Indenture and other closing documents, registering Units with the SEC and states, the initial audit of the Trust’s statement of net assets, legal fees and the initial fees and expenses of the Trustee) will be purchased in the same proportionate relationship as all the Securities contained in the Trust. Securities will be sold to reimburse the Sponsor for the Trust’s organization costs at the earlier of six months after the Initial Date of Deposit or the end of the initial offering period (a significantly shorter time period than the life of the Trust). During the period ending with the earlier of six months after the Initial Date of Deposit or the end of the initial offering period, there may be a decrease in the value of the Securities. To the extent the proceeds from the sale of these Securities are insufficient to repay the Sponsor for Trust organization costs, the Trustee will sell additional Securities to allow the Trust to fully reimburse the Sponsor. In that event, the net asset value per Unit of the Trust will be reduced by the amount of additional Securities sold. Although the dollar amount of the reimbursement due to the Sponsor will remain fixed and will never exceed the per Unit amount set forth for the Trust in “Notes to Statement of Net Assets,” this will result in a greater effective cost per Unit to Unit holders for the reimbursement to the Sponsor. To the extent actual organization costs are less than the estimated amount, only the actual organization costs will ultimately be charged to the Trust. When Securities are sold to reimburse the Sponsor for organization costs, the Trustee will sell Securities, to the extent practicable, which will maintain the same proportionate relationship among the Securities contained in the Trust as existed prior to such sale.

Minimum Purchase.

The minimum amount per account you can purchase of the Trust is generally $1,000 worth of Units ($500 if you are purchasing Units for your Individual Retirement Account or any other qualified retirement plan), but such amounts may vary depending on your selling firm.

Maximum Sales Charge.

The maximum sales charge is comprised of a transactional sales charge and a creation and development fee. After the initial offering period the maximum sales charge will be reduced by 0.50%, to reflect the amount of the previously charged creation and development fee.

Transactional Sales Charge.

The transactional sales charge you will pay has both an initial and a deferred component.

Initial Sales Charge. The initial sales charge, which you will pay at the time of purchase, is equal to the difference between the maximum sales charge of 2.75% of the Public Offering Price and the sum of the maximum remaining deferred sales charge and creation and development fee (initially $.275 per Unit). On the Initial Date of Deposit, and any other day the Public Offering Price per Unit equals $10.00, there is no initial sales charge. Thereafter, you will pay an initial sales charge when the Public Offering Price per Unit exceeds $10.00 and as deferred sales charge and creation and development fee payments are made.

Monthly Deferred Sales Charge. In addition, three monthly deferred sales charges of $.075 per Unit will be deducted from the Trust’s assets on approximately the
If you purchase Units after the last deferred sales charge payment has been assessed, your transactional sales charge will consist of a one-time initial sales charge of 2.25% of the Public Offering Price (equivalent to 2.302% of the net amount invested).

**Creation and Development Fee.**

As Sponsor, we will also receive, and the Unit holders will pay, a creation and development fee. See “Expenses and Charges” for a description of the services provided for this fee. The creation and development fee is a charge of $0.05 per Unit collected at the end of the initial offering period. If you buy Units at a price of less than $10.00 per Unit, the dollar amount of the creation and development fee will not change, but the creation and development fee on a percentage basis will be more than 0.50% of the Public Offering Price.

**Discounts for Certain Persons.**

The maximum sales charge is 2.75% per Unit and the maximum dealer concession is 2.00% per Unit.

If you are purchasing Units for an investment account, the terms of which provide that your registered investment advisor or registered broker/dealer (a) charges periodic fees in lieu of commissions; (b) charges for financial planning, investment advisory or asset management services; or (c) charges a comprehensive “wrap fee” or similar fee for these or comparable services (“Fee Accounts”)), you will not be assessed the transactional sales charge described above on such purchases. These Units will be designated as Fee Account Units and, depending upon the purchase instructions we receive, assigned either a Fee Account Cash CUSIP Number, if you elect to have distributions paid to you, or a Fee Account Reinvestment CUSIP Number, if you elect to have distributions reinvested into additional Units of the Trust. Certain Fee Account Unit holders may be assessed transaction or other account fees on the purchase and/or redemption of such Units by their registered investment advisor, broker/dealer or other processing organizations for providing certain transaction or account activities. Fee Account Units are not available for purchase in the secondary market. We reserve the right to limit or deny purchases of Units not subject to the transactional sales charge by investors whose frequent trading activity we determine to be detrimental to the Trust.

Employees, officers and directors (and immediate family members) of the Sponsor, our related companies, and dealers and their affiliates will purchase Units at the Public Offering Price less the applicable dealer concession, subject to the policies of the related selling firm. Immediate family members include spouses, or the equivalent if recognized under local law, children or step-children under the age of 21 living in the same household, parents or step-parents and trustees, custodians or fiduciaries for the benefit of such persons. Only employees, officers and directors of companies that allow their employees to participate in this employee discount program are eligible for the discounts.

You will be charged the deferred sales charge per Unit regardless of the price you pay for your Units or whether you are eligible to receive any discounts. However, if the purchase price of your Units was less than $10.00 per Unit or if you are eligible to receive a discount such that the maximum sales charge you must pay is less than the applicable maximum deferred sales charge, including Fee Account Units, you will be credited additional Units with a dollar value equal to the difference between your maximum sales charge and the maximum deferred sales charge at the time you buy your Units. If you elect to have distributions reinvested into additional Units of the Trust, in addition to the reinvestment Units you receive you will also be credited additional Units with a dollar value at the time of reinvestment sufficient to cover the amount of any remaining deferred sales charge and creation and development fee to be collected on such reinvestment Units. The dollar value of these additional credited Units (as with all Units) will fluctuate over time, and may be less on the dates deferred sales charges or the creation and development fee are collected than their value at the time they were issued.

**The Value of the Securities.**

The Evaluator will determine the aggregate underlying value of the Securities in the Trust as of the Evaluation Time on each business day and will adjust the Public Offering Price of the Units according to this valuation. This Public Offering Price will be effective for all orders received before the Evaluation Time on each such day. If we or the Trustee receive orders for purchases, sales or redemptions after that time, or on a day which is not a business day, they will be held until the next determination of price. The term “business day” as used in this prospectus shall mean each day on which the NYSE is open. For purposes of Securities and Unit settlement, the term business day does not include days on which U.S. financial institutions are closed.
The aggregate underlying value of the Securities in the Trust will be determined as follows: if the Securities are listed on a national or foreign securities exchange or The NASDAQ Stock Market, LLC®, their value shall generally be based on the closing sale price on the exchange or system which is the principal market therefore (“Primary Exchange”), which shall be deemed to be the NYSE if the Securities are listed thereon (unless the Evaluator deems such price inappropriate as the basis for evaluation). In the event a closing sale price on the Primary Exchange is not published, the Securities will be valued based on the last trade price on the Primary Exchange. If no trades occur on the Primary Exchange for a specific trade date, the value will be based on the closing sale price from, in the opinion of the Evaluator, an appropriate secondary exchange, if any. If no trades occur on the Primary Exchange or any appropriate secondary exchange on a specific trade date, the Evaluator will determine the value of the Securities using the best information available to the Evaluator, which may include the prior day’s evaluated price. If the Security is an American Depositary Receipt/ADR, Global Depositary Receipt/GDR or other similar security in which no trade occurs on the Primary Exchange or any appropriate secondary exchange on a specific trade date, the value will be based on the evaluated price of the underlying security, determined as set forth above, after applying the appropriate ADR/GDR ratio, the exchange rate and such other information which the Evaluator deems appropriate. For purposes of valuing Securities traded on The NASDAQ Stock Market, LLC®, closing sale price shall mean the Nasdaq® Official Closing Price as determined by The NASDAQ Stock Market, LLC®. If the Securities are not so listed or, if so listed and the principal market therefore is other than on the Primary Exchange or any appropriate secondary exchange, the value shall generally be based on the current ask price on the over-the-counter market (unless the Evaluator deems such price inappropriate as a basis for evaluation). If current ask prices are unavailable, the value is generally determined (a) on the basis of current ask prices for comparable securities, (b) by appraising the value of the Securities on the ask side of the market, or (c) any combination of the above. If such prices are in a currency other than U.S. dollars, the value of such Security shall be converted to U.S. dollars based on current exchange rates (unless the Evaluator deems such prices inappropriate as a basis for evaluation). If the Evaluator deems a price determined as set forth above to be inappropriate as the basis for evaluation, the Evaluator shall use such other information available to the Evaluator which it deems appropriate as the basis for determining the value of a Security.

After the initial offering period is over, the aggregate underlying value of the Securities will be determined as set forth above, except that bid prices are used instead of ask prices when necessary.

### Distribution of Units

We intend to qualify Units of the Trust for sale in a number of states. All Units will be sold at the then current Public Offering Price.

The Sponsor compensates intermediaries, such as broker/dealers and banks, for their activities that are intended to result in sales of Units of the Trust. This compensation includes dealer concessions described in the following section and may include additional concessions and other compensation and benefits to broker/dealers and other intermediaries.

**Dealer Concessions.**

Dealers and other selling agents can purchase Units at prices which reflect a concession or agency commission of 2.00% of the Public Offering Price per Unit, subject to reductions set forth in “Public Offering—Discounts for Certain Persons.”

Eligible dealer firms and other selling agents who, during the previous consecutive 12-month period through the end of the most recent month, sold primary market units of unit investment trusts sponsored by us in the dollar amounts shown below will be entitled to up to the following additional sales concession on primary market sales of units during the current month of unit investment trusts sponsored by us:

<table>
<thead>
<tr>
<th>Total sales (in millions)</th>
<th>Additional Concession</th>
</tr>
</thead>
<tbody>
<tr>
<td>$25 but less than $100</td>
<td>0.035%</td>
</tr>
<tr>
<td>$100 but less than $150</td>
<td>0.050%</td>
</tr>
<tr>
<td>$150 but less than $250</td>
<td>0.075%</td>
</tr>
<tr>
<td>$250 but less than $1,000</td>
<td>0.100%</td>
</tr>
<tr>
<td>$1,000 but less than $5,000</td>
<td>0.125%</td>
</tr>
<tr>
<td>$5,000 but less than $7,500</td>
<td>0.150%</td>
</tr>
<tr>
<td>$7,500 or more</td>
<td>0.175%</td>
</tr>
</tbody>
</table>

Dealers and other selling agents will not receive a concession on the sale of Units which are not subject to a transactional sales charge, but such Units will be included in determining whether the above volume sales levels are met. Eligible dealer firms and other selling agents include clearing firms that place orders with First Trust and provide First Trust with information with respect to the representatives who initiated such transactions. Eligible dealer firms and other selling agents will
not include firms that solely provide clearing services to other broker/dealer firms or firms who place orders through clearing firms that are eligible dealers. We reserve the right to change the amount of concessions or agency commissions from time to time. Certain commercial banks may be making Units of the Trust available to their customers on an agency basis. A portion of the transactional sales charge paid by these customers is kept by or given to the banks in the amounts shown above.

Other Compensation and Benefits to Broker/Dealers.

The Sponsor, at its own expense and out of its own profits, currently provides additional compensation and benefits to broker/dealers who sell Units of this Trust and other First Trust products. This compensation is intended to result in additional sales of First Trust products and/or compensate broker/dealers and financial advisors for past sales. A number of factors are considered in determining whether to pay these additional amounts. Such factors may include, but are not limited to, the level or type of services provided by the intermediary, the level or expected level of sales of First Trust products by the intermediary or its agents, the placing of First Trust products on a preferred or recommended product list, access to an intermediary’s personnel, and other factors. The Sponsor makes these payments for marketing, promotional or related expenses, including, but not limited to, expenses of entertaining retail customers and financial advisors, advertising, sponsorship of events or seminars, obtaining information about the breakdown of unit sales among an intermediary’s representatives or offices, obtaining shelf space in broker/dealer firms and similar activities designed to promote the sale of the Sponsor’s products. The Sponsor makes such payments to a substantial majority of intermediaries that sell First Trust products. The Sponsor may also make certain payments to, or on behalf of, intermediaries to defray a portion of their costs incurred for the purpose of facilitating Unit sales, such as the costs of developing or purchasing trading systems to process Unit trades. Payments of such additional compensation described in this and the preceding paragraph, some of which may be characterized as “revenue sharing,” create a conflict of interest by influencing financial intermediaries and their agents to sell or recommend a First Trust product, including the Trust, over products offered by other sponsors or fund companies. These arrangements will not change the price you pay for your Units.

Advertising and Investment Comparisons.

Advertising materials regarding the Trust may discuss several topics, including: developing a long-term financial plan; working with your financial professional; the nature and risks of various investment strategies and unit investment trusts that could help you reach your financial goals; the importance of discipline; how the Trust operates; how securities are selected; various unit investment trust features such as convenience and costs; and options available for certain types of unit investment trusts. These materials may include descriptions of the principal businesses of the companies represented in the Trust, research analysis of why they were selected and information relating to the qualifications of the persons or entities providing the research analysis. In addition, they may include research opinions on the economy and industry sectors included and a list of investment products generally appropriate for pursuing those recommendations.

From time to time we may compare the estimated returns of the Trust (which may show performance net of the expenses and charges the Trust would have incurred) and returns over specified periods of other similar trusts we sponsor in our advertising and sales materials, with (1) returns on other taxable investments such as the common stocks comprising various market indexes, corporate or U.S. Government bonds, bank CDs and money market accounts or funds, (2) performance data from Morningstar, Inc. or (3) information from publications such as Money, The New York Times, U.S. News and World Report, Bloomberg Businessweek, Forbes or Fortune. The investment characteristics of the Trust differ from other comparative investments. You should not assume that these performance comparisons will be representative of the Trust’s future performance. We may also, from time to time, use advertising which classifies trusts or portfolio securities according to capitalization and/or investment style.

The Sponsor’s Profits

We will receive a gross sales commission equal to the maximum transactional sales charge per Unit for the Trust less any reduction as stated in “Public Offering.” We will also receive the amount of any collected creation and development fee. Also, any difference between our cost to purchase the Securities and the price at which we sell them to the Trust is considered a profit or loss (see Note 2 of “Schedule of Investments”). During the initial offering period, dealers and others may also realize profits or sustain losses as a result of fluctuations in the Public Offering Price they receive when they sell the Units.
In maintaining a market for the Units, any difference between the price at which we purchase Units and the price at which we sell or redeem them will be a profit or loss to us.

The Secondary Market

Although not obligated, we may maintain a market for the Units after the initial offering period and continuously offer to purchase Units at prices based on the Redemption Price per Unit.

We will pay all expenses to maintain a secondary market, except the Evaluator fees and Trustee costs to transfer and record the ownership of Units. We may discontinue purchases of Units at any time. **If you wish to dispose of your Units, you should ask us for the current market prices before making a tender for redemption to the Trustee.** If you sell or redeem your Units before you have paid the total deferred sales charge on your Units, you will have to pay the remainder at that time.

How We Purchase Units

The Trustee will notify us of any tender of Units for redemption. If our bid at that time is equal to or greater than the Redemption Price per Unit, we may purchase the Units. You will receive your proceeds from the sale no later than if they were redeemed by the Trustee. We may tender Units that we hold to the Trustee for redemption as any other Units. If we elect not to purchase Units, the Trustee may sell tendered Units in the over-the-counter market, if any. However, the amount you will receive is the same as you would have received on redemption of the Units.

Expenses and Charges

The estimated annual expenses of the Trust are listed under “Fee Table.” If actual expenses of the Trust exceed the estimate, the Trust will bear the excess. The Trustee will pay operating expenses of the Trust from the Income Account of the Trust if funds are available, and then from the Capital Account. The Income and Capital Accounts are non-interest-bearing to Unit holders, so the Trustee may earn interest on these funds, thus benefiting from their use.

First Trust Advisors L.P., an affiliate of ours, acts as Portfolio Supervisor and Evaluator and will be compensated for providing portfolio supervisory services and evaluation services as well as bookkeeping and other administrative services to the Trust. In providing portfolio supervisory services, the Portfolio Supervisor may purchase research services from a number of sources, which may include underwriters or dealers of the Trust. As Sponsor, we will receive brokerage fees when the Trust uses us (or an affiliate of ours) as agent in buying or selling Securities. As authorized by the Indenture, the Trustee may employ a subsidiary or affiliate of the Trustee to act as broker to execute certain transactions for the Trust. The Trust will pay for such services at standard commission rates.

The fees payable to First Trust Advisors L.P. and the Trustee are based on the largest aggregate number of Units of the Trust outstanding at any time during the calendar year, except during the initial offering period, in which case these fees are calculated based on the largest number of Units outstanding during the period for which compensation is paid. These fees may be adjusted for inflation without Unit holders’ approval, but in no case will the annual fees paid to us or our affiliates for providing services to all unit investment trusts be more than the actual cost of providing such services in such year.

As Sponsor, we will receive a fee from the Trust for creating and developing the Trust, including determining the Trust’s objectives, policies, composition and size, selecting service providers and information services and for providing other similar administrative and ministerial functions. The “creation and development fee” is a charge of $.050 per Unit outstanding at the end of the initial offering period. The Trustee will deduct this amount from the Trust’s assets as of the close of the initial offering period. We do not use this fee to pay distribution expenses or as compensation for sales efforts. This fee will not be deducted from your proceeds if you sell or redeem your Units before the end of the initial offering period.

In addition to the Trust’s operating expenses and those fees described above, the Trust may also incur the following charges:

- All legal expenses of the Trustee according to its responsibilities under the Indenture;
- The expenses and costs incurred by the Trustee to protect the Trust and your rights and interests;
- Fees for any extraordinary services the Trustee performed under the Indenture;
- Payment for any loss, liability or expense the Trustee incurred without negligence, bad faith or willful misconduct on its part, in connection with its acceptance or administration of the Trust;
• Payment for any loss, liability or expenses we incurred without negligence, bad faith or willful misconduct in acting as Sponsor of the Trust;
• Foreign custodial and transaction fees (which may include compensation paid to the Trustee or its subsidiaries or affiliates), if any; and/or
• All taxes and other government charges imposed upon the Securities or any part of the Trust.

The above expenses and the Trustee’s annual fee are secured by a lien on the Trust. In addition, if there is not enough cash in the Income or Capital Account, the Trustee has the power to sell Securities to make cash available to pay these charges which may result in capital gains or losses to you. See “Tax Status.”

### Tax Status

#### Federal Tax Matters.

This section discusses some of the main U.S. federal income tax consequences of owning Units of the Trust as of the date of this prospectus. Tax laws and interpretations change frequently, and this summary does not describe all of the tax consequences to all taxpayers. For example, this summary generally does not describe your situation if you are a broker/dealer or other investor with special circumstances. In addition, this section may not describe your state, local or non-U.S. tax consequences.

This federal income tax summary is based in part on the advice of counsel to the Sponsor. The Internal Revenue Service (“IRS”) could disagree with any conclusions set forth in this section. In addition, our counsel may not have been asked to review, and may not have reached a conclusion with respect to the federal income tax treatment of the assets to be deposited in the Trust. This summary may not be sufficient for you to use for the purpose of avoiding penalties under federal tax law.

As with any investment, you should seek advice based on your individual circumstances from your own tax advisor.

#### Trust Status.

Unit investment trusts maintain both Income and Capital Accounts, regardless of tax structure. Please refer to the “Income and Capital Distributions” section of the prospectus for more information.

The Trust intends to qualify as a “regulated investment company,” commonly known as a “RIC,” under the federal tax laws. If the Trust qualifies as a RIC and distributes its income as required by the tax law, the Trust generally will not pay federal income taxes. For federal income tax purposes, you are treated as the owner of the Trust Units and not of the assets held by the Trust.

### Income from the Trust.

Trust distributions are generally taxable. After the end of each year, you will receive a tax statement that separates the Trust’s distributions into ordinary income dividends, capital gain dividends and return of capital. Income reported is generally net of expenses (but see “Treatment of Trust Expenses” below). Ordinary income dividends are generally taxed at your ordinary income tax rate, however, certain dividends received from the Trust may be taxed at the capital gains tax rates. Generally, all capital gain dividends are treated as long-term capital gains regardless of how long you have owned your Units. In addition, the Trust may make distributions that represent a return of capital for tax purposes and will generally not be currently taxable to you, although they generally reduce your tax basis in your Units and thus increase your taxable gain or decrease your loss when you dispose of your Units. The tax laws may require you to treat distributions made to you in January as if you had received them on December 31 of the previous year.

Some distributions from the Trust may qualify as long-term capital gains, which, if you are an individual, is generally taxed at a lower rate than your ordinary income and short-term capital gain income. The distributions from the Trust that you must take into account for federal income tax purposes are not reduced by the amount used to pay a deferred sales charge, if any. Distributions from the Trust, including capital gains, may also be subject to a “Medicare tax” if your adjusted gross income exceeds certain threshold amounts.

#### Certain Stock Dividends.

Ordinary income dividends received by an individual Unit holder from a RIC such as the Trust are generally taxed at the same rates that apply to long-term capital gains, provided certain holding period requirements are satisfied and provided the dividends are attributable to qualifying dividend income (“QDI”) received by the Trust itself. Dividends that do not meet these requirements will generally be taxed at ordinary income tax rates. After the end of the tax year, the Trust will provide a tax statement to its Unit holders reporting the amount of any distribution which may be taken into account as a dividend which is eligible for the capital gains tax rates.

Unit holders that are corporations may be eligible for the dividends received deduction with respect to certain ordinary income dividends on Units that are attributable to qualifying dividends received by the Trust from certain corporations.
Sale of Units.

If you sell your Units (whether to a third party or to the Trust), you will generally recognize a taxable gain or loss. To determine the amount of this gain or loss, you must subtract your (adjusted) tax basis in your Units from the amount you receive from the sale. Your original tax basis in your Units is generally equal to the cost of your Units, including sales charges. In some cases, however, you may have to adjust your tax basis after you purchase your Units, in which case your gain would be calculated using your adjusted basis.

The tax statement you receive in regard to the sale or redemption of your Units may contain information about your basis in the Units and whether any gain or loss recognized by you should be considered long-term or short-term capital gain. The information reported to you is based upon rules that do not take into consideration all of the facts that may be known to you or to your advisors. You should consult with your tax advisor about any adjustments that may need to be made to the information reported to you in determining the amount of your gain or loss.

Distribution Reinvestment Option.

If you elect to reinvest your distributions into additional Units, you will be treated as if you have received your distribution in an amount equal to the distribution you are entitled to. Your tax liability will be the same as if you received the distribution in cash. Also, the reinvestment would generally be considered a purchase of new Units for federal income tax purposes.

Treatment of Trust Expenses.

Expenses incurred and deducted by the Trust will generally not be treated as income taxable to you. In some cases, however, you may be required to treat your portion of these Trust expenses as income. You may not be able to take a deduction for some or all of these expenses even if the cash you receive is reduced by such expenses.

Investments in Certain Non-U.S. Corporations.

A foreign corporation will generally be treated as a passive foreign investment company (“PFIC”) if 75% or more of its income is passive income or if 50% or more of its assets are held to produce passive income. If the Trust holds an equity interest in PFICs, the Trust could be subject to U.S. federal income tax and additional interest charges on gains and certain distributions from the PFICs, even if all the income or gain is distributed in a timely fashion to the Trust Unit holders. Similarly, if the Trust invests in a fund (a “Portfolio Fund”) that invests in PFICs, the Portfolio Fund may be subject to such taxes. The Trust will not be able to pass through to its Unit holders any credit or deduction for such taxes if the taxes are imposed at the Trust level or on a Portfolio Fund. The Trust (or the Portfolio Fund) may be able to make an election that could limit the tax imposed on the Trust (or the Portfolio Fund). In this case, the Trust (or the Portfolio Fund) would recognize as ordinary income any increase in the value of such PFIC shares, and as ordinary loss any decrease in such value to the extent it did not exceed prior increases included in income.

Under this election, the Trust (or the Portfolio Fund) might be required to recognize income in excess of its distributions from the PFICs and its proceeds from dispositions of PFIC stock during that year, and such income would nevertheless be subject to the distribution requirement and would be taken into account for purposes of determining the application of the 4% excise tax imposed on RICs that do not meet certain distribution thresholds. Dividends paid by PFICs are not treated as QDI to shareholders of the PFICs.

Non-U.S. Investors.

If you are a non-U.S. investor, distributions from the Trust treated as dividends will generally be subject to a U.S. withholding tax of 30% of the distribution. Certain dividends, such as capital gains dividends, short-term capital gains dividends, and distributions that are attributable to certain interest income may not be subject to U.S. withholding taxes. In addition, some non-U.S. investors may be eligible for a reduction or elimination of U.S. withholding taxes under a treaty. However, the qualification for those exclusions may not be known at the time of the distribution.

Separately, the United States, pursuant to the Foreign Account Tax Compliance Act ("FATCA") imposes a 30% tax on certain non-U.S. entities that receive U.S. source interest or dividends if the non-U.S. entity does not comply with certain U.S. disclosure and reporting requirements. This FATCA tax was also scheduled to apply to the gross proceeds from the disposition of securities that produce U.S. source interest or dividends after December 31, 2018. However, proposed regulations may eliminate the requirement to withhold on payments of gross proceeds from dispositions.

It is the responsibility of the entity through which you hold your Units to determine the applicable withholding.

Foreign Tax Credit.

If the Trust directly or indirectly invests in non-U.S. stocks, the tax statement that you receive may include an item showing foreign taxes the Trust paid to other coun-
tries. You may be able to deduct or receive a tax credit for your share of these taxes. The Trust would have to meet certain IRS requirements in order to pass through credits to you.

You should consult your tax advisor regarding potential foreign, state or local taxation with respect to your Units.

**Retirement Plans**

You may purchase Units of the Trust for:
- Individual Retirement Accounts;
- Keogh Plans;
- Pension funds; and
- Other tax-deferred retirement plans.

Generally, the federal income tax on capital gains and income received in each of the above plans is deferred until you receive distributions. These distributions are generally treated as ordinary income but may, in some cases, be eligible for special averaging or tax-deferred rollover treatment. Before participating in a plan like this, you should review the tax laws regarding these plans and consult your attorney or tax advisor. Brokerage firms and other financial institutions offer these plans with varying fees and charges.

**Rights of Unit Holders**

**Unit Ownership.**

Ownership of Units will not be evidenced by certificates. If you purchase or hold Units through a broker/dealer or bank, your ownership of Units will be recorded in book-entry form at the Depository Trust Company (“DTC”) and credited on its records to your broker/dealer’s or bank’s DTC account. Transfer of Units will be accomplished by book entries made by DTC and its participants if the Units are registered to DTC or its nominee, Cede & Co. DTC will forward all notices and credit all payments received in respect of the Units held by the DTC participants. You will receive written confirmation of your purchases and sales of Units from the broker/dealer or bank through which you made the transaction. You may transfer your Units by contacting the broker/dealer or bank through which you hold your Units.

**Unit Holder Reports.**

The Trustee will prepare a statement detailing the per Unit amounts (if any) distributed from the Income Account and Capital Account in connection with each distribution. In addition, at the end of each calendar year, the Trustee will prepare a statement which contains the following information:
- A summary of transactions in the Trust for the year;
- A list of any Securities sold during the year and the Securities held at the end of that year by the Trust;
- The Redemption Price per Unit, computed on the 31st day of December of such year (or the last business day before); and
- Amounts of income and capital distributed during the year.

It is the responsibility of the entity through which you hold your Units to distribute these statements to you. In addition, you may also request from the Trustee copies of the evaluations of the Securities as prepared by the Evaluator to enable you to comply with applicable federal and state tax reporting requirements.

**Income and Capital Distributions**

You will begin receiving distributions on your Units only after you become a Record Owner. The Trustee will credit dividends received on the Trust’s Securities to the Income Account of the Trust. All other receipts, such as return of capital or capital gain dividends, are credited to the Capital Account of the Trust. Dividends received on foreign Securities, if any, are converted into U.S. dollars at the applicable exchange rate.

The Trustee will make distributions on or near the Income Distribution Dates to Unit holders of record on the preceding Income Distribution Record Date. See “Summary of Essential Information.” No income distribution will be paid if accrued expenses of the Trust exceed amounts in the Income Account on the Distribution Dates. Distribution amounts will vary with changes in the Trust’s fees and expenses, in dividends received and with the sale of Securities. The Trustee will distribute amounts in the Capital Account, net of amounts designated to meet redemptions, pay the deferred sales charge and creation and development fee or pay expenses on the twenty-fifth day of each month to Unit holders of record on the tenth day of each month provided the amount equals at least $1.00 per 100 Units. In any case, the Trustee will distribute any funds in the Capital Account in December of each year and as part of the final liquidation distribution. If the Trustee does not have your taxpayer identification number (“TIN”), it is required to withhold a certain percentage of your distribution and deliver such amount to the IRS. You may recover this amount by giving your TIN to the Trustee, or when you file a tax return. However, you should check
you statements to make sure the Trustee has your TIN to avoid this “back-up withholding.”

If an Income or Capital Account distribution date is a day on which the NYSE is closed, the distribution will be made on the next day the stock exchange is open. Distributions are paid to Unit holders of record determined as of the close of business on the Record Date for that distribution or, if the Record Date is a day on which the NYSE is closed, the first preceding day on which the exchange is open.

We anticipate that there will be enough money in the Capital Account of the Trust to pay the deferred sales charge. If not, the Trustee may sell Securities to meet the shortfall.

Within a reasonable time after the Trust is terminated, you will receive the pro rata share of the money from the sale of the Securities and amounts in the Income and Capital Accounts. All Unit holders will receive a pro rata share of any other assets remaining in the Trust, after deducting any unpaid expenses.

The Trustee may establish reserves (the “Reserve Account”) within the Trust to cover anticipated state and local taxes or any governmental charges to be paid out of the Trust.

**Distribution Reinvestment Option.** You may elect to have each distribution of income and/or capital reinvested into additional Units of the Trust by notifying your broker/dealer or bank within the time period required by such entities so that they can notify the Trustee of your election at least 10 days before any Record Date. Each later distribution of income and/or capital on your Units will be reinvested by the Trustee into additional Units of such Trust. There is no sales charge on Units acquired through the Distribution Reinvestment Option, as discussed under “Public Offering.” This option may not be available in all states. Each reinvestment plan is subject to availability or limitation by the Sponsor and each broker/dealer or selling firm. The Sponsor or broker/dealers may suspend or terminate the offering of a reinvestment plan at any time. Because the Trust may begin selling Securities nine business days prior to the Mandatory Termination Date, reinvestment is not available during this period. Please contact your financial professional for additional information. **Please note that even if you reinvest distributions, they are still considered distributions for income tax purposes.**

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**Redeeming Your Units**

You may redeem all or a portion of your Units at any time by sending a request for redemption to your broker/dealer or bank through which you hold your Units. No redemption fee will be charged, but you are responsible for any governmental charges that apply. Certain broker/dealers may charge a transaction fee for processing redemption requests. Two business days after the day you tender your Units (the “Date of Tender”) you will receive cash in an amount for each Unit equal to the Redemption Price per Unit calculated at the Evaluation Time on the Date of Tender.

The Date of Tender is considered to be the date on which your redemption request is received by the Trustee from the broker/dealer or bank through which you hold your Units (if such day is a day the NYSE is open for trading). However, if the redemption request is received after 4:00 p.m. Eastern time (or after any earlier closing time on a day on which the NYSE is scheduled in advance to close at such earlier time), the Date of Tender is the next day the NYSE is open for trading.

Any amounts paid on redemption representing income will be withdrawn from the Income Account if funds are available for that purpose, or from the Capital Account. All other amounts paid on redemption will be taken from the Capital Account. The IRS will require the Trustee to withhold a portion of your redemption proceeds if the Trustee does not have your TIN as generally discussed under “Income and Capital Distributions.”

The Trustee may sell Securities to make funds available for redemption. If Securities are sold, the size and diversification of the Trust will be reduced. These sales may result in lower prices than if the Securities were sold at a different time.

Your right to redeem Units (and therefore, your right to receive payment) may be delayed:

- If the NYSE is closed (other than customary weekend and holiday closings);
- If the SEC determines that trading on the NYSE is restricted or that an emergency exists making sale or evaluation of the Securities not reasonably practical; or
- For any other period permitted by SEC order.

The Trustee is not liable to any person for any loss or damage which may result from such a suspension or postponement.
The Redemption Price.

The Redemption Price per Unit is determined by the Trustee by:

adding
1. cash in the Income and Capital Accounts of the Trust not designated to purchase Securities;
2. the aggregate underlying value of the Securities held in the Trust; and
3. dividends receivable on the Securities trading ex-dividend as of the date of computation; and

deducting
1. any applicable taxes or governmental charges that need to be paid out of the Trust;
2. any amounts owed to the Trustee for its advances;
3. estimated accrued expenses of the Trust, if any;
4. cash held for distribution to Unit holders of record of the Trust as of the business day before the evaluation being made;
5. liquidation costs for foreign Securities, if any; and
6. other liabilities incurred by the Trust; and

dividing
1. the result by the number of outstanding Units of the Trust.

Any remaining deferred sales charge on the Units when you redeem them will be deducted from your redemption proceeds. In addition, until they are collected, the Redemption Price per Unit will include estimated organization costs as set forth under “Fee Table.”

Removing Securities from the Trust

The portfolio of the Trust is not managed. However, we may, but are not required to, direct the Trustee to dispose of a Security in certain limited circumstances, including situations in which:

• The issuer of the Security defaults in the payment of a declared dividend;
• Any action or proceeding prevents the payment of dividends;
• There is any legal question or impediment affecting the Security;
• The issuer of the Security has breached a covenant which would affect the payment of dividends, the issuer’s credit standing, or otherwise damage the sound investment character of the Security;
• The issuer has defaulted on the payment of any other of its outstanding obligations;
• There has been a public tender offer made for a Security or a merger or acquisition is announced affecting a Security, and that in our opinion the sale or tender of the Security is in the best interest of Unit holders;
• The sale of Securities is necessary or advisable (i) in order to maintain the qualification of the Trust as a “regulated investment company” in the case of the Trust which has elected to qualify as such or (ii) to provide funds to make any distribution for a taxable year in order to avoid imposition of any income or excise taxes on undistributed income in the Trust which is a “regulated investment company”; or
• The price of the Security has declined to such an extent, or such other credit factors exist, that in our opinion keeping the Security would be harmful to the Trust;
• As a result of the ownership of the Security, the Trust or its Unit holders would be a direct or indirect shareholder of a passive foreign investment company; or
• The sale of the Security is necessary for the Trust to comply with such federal and/or state securities laws, regulations and/or regulatory actions and interpretations which may be in effect from time to time.

Except for instances in which the Trust acquires Replacement Securities, as described in “The FT Series,” the Trust will generally not acquire any securities or other property other than the Securities. The Trustee, on behalf of the Trust and at the direction of the Sponsor, will vote for or against any offer for new or exchanged securities or property in exchange for a Security, such as those acquired in a merger or other transaction. If such exchanged securities or property are acquired by the Trust, at our instruction, they will either be sold or held in the Trust. In making the determination as to whether to sell or hold the exchanged securities or property we may get advice from the Portfolio Supervisor. Any proceeds received from the sale of Securities, exchanged securities or property will be credited to the Capital Account of the Trust for distribution to Unit holders or to meet redemption requests. The Trustee may retain and pay us or an affiliate of ours to act as agent for the Trust to facilitate selling Securities, exchanged securities or property from the Trust. If we or our affiliate act in this capacity, we will be held subject to the restrictions under the 1940 Act. When acting in an agency capacity, we may select various broker/dealers to execute securities transactions on behalf of the Trust, which may include broker/dealers who sell Units of the Trust. We do not consider sales of Units of the Trust or any other products sponsored by First Trust as a factor in selecting such broker/dealers. As authorized by the Indenture, the Trustee may also
employ a subsidiary or affiliate of the Trustee to act as broker in selling such Securities or property. The Trust will pay for these brokerage services at standard commission rates.

The Trustee may sell Securities designated by us, or, absent our direction, at its own discretion, in order to meet redemption requests or pay expenses. In designating Securities to be sold, we will try to maintain the proportionate relationship among the Securities. If this is not possible, the composition and diversification of the Trust may be changed.

**Amending or Terminating the Indenture**

**Amendments.** The Indenture may be amended by us and the Trustee without your consent:

- To cure ambiguities;
- To correct or supplement any defective or inconsistent provision;
- To make any amendment required by any governmental agency; or
- To make other changes determined not to be adverse to your best interests (as determined by us and the Trustee).

**Termination.** As provided by the Indenture, the Trust will terminate on the Mandatory Termination Date as stated in the “Summary of Essential Information.” The Trust may be terminated earlier:

- Upon the consent of 100% of the Unit holders of the Trust;
- If the value of the Securities owned by the Trust as shown by any evaluation is less than the lower of $2,000,000 or 20% of the total value of Securities deposited in the Trust during the initial offering period ("Discretionary Liquidation Amount"); or
- In the event that Units of the Trust not yet sold aggregating more than 60% of the Units of the Trust are tendered for redemption by underwriters, including the Sponsor.

If the Trust is terminated due to this last reason, we will refund your entire sales charge; however, termination of the Trust before the Mandatory Termination Date for any other stated reason will result in all remaining unpaid deferred sales charges on your Units being deducted from your termination proceeds. For various reasons, the Trust may be reduced below the Discretionary Liquidation Amount and could therefore be terminated before the Mandatory Termination Date.

Unless terminated earlier, the Trustee will begin to sell Securities in connection with the termination of the Trust during the period beginning nine business days prior to, and no later than, the Mandatory Termination Date. We will determine the manner and timing of the sale of Securities. Because the Trustee must sell the Securities within a relatively short period of time, the sale of Securities as part of the termination process may result in a lower sales price than might otherwise be realized if such sale were not required at this time.

You will receive a cash distribution from the sale of the remaining Securities, along with your interest in the Interest and Principal Account, within a reasonable time after the Trust is terminated. The Trustee will deduct from the Trust any accrued costs, expenses, advances or indemnities provided for by the Indenture, including estimated compensation of the Trustee and costs of liquidation and any amounts required as a reserve to pay any taxes or other governmental charges.

**Information on the Sponsor, Trustee and Evaluator**

**The Sponsor.**

We, First Trust Portfolios L.P., specialize in the underwriting, trading and wholesale distribution of unit investment trusts under the “First Trust” brand name and other securities. An Illinois limited partnership formed in 1991, we took over the First Trust product line and act as Sponsor for successive series of:

- The First Trust Combined Series
- FT Series (formerly known as The First Trust Special Situations Trust)
- The First Trust Insured Corporate Trust
- The First Trust of Insured Municipal Bonds
- The First Trust GNMA

The First Trust product line commenced with the first insured unit investment trust in 1974. To date we have deposited more than $425 billion in First Trust unit investment trusts. Our employees include a team of professionals with many years of experience in the unit investment trust industry.

We are a member of FINRA and SIPC. Our principal offices are at 120 East Liberty Drive, Wheaton, Illinois 60187; telephone number 800–621–1675. As of December 31, 2018, the total partners’ capital of First Trust Portfolios L.P. was $44,255,416.

This information refers only to us and not to the Trust or to any series of the Trust or to any other dealer. We are including this information only to inform you of
our financial responsibility and our ability to carry out our contractual obligations. We will provide more detailed financial information on request.

**Code of Ethics.** The Sponsor and the Trust have adopted a code of ethics requiring the Sponsor’s employees who have access to information on Trust transactions to report personal securities transactions. The purpose of the code is to avoid potential conflicts of interest and to prevent fraud, deception or misconduct with respect to the Trust.

**The Trustee.**

The Trustee is The Bank of New York Mellon, a trust company organized under the laws of New York. The Bank of New York Mellon has its unit investment trust division offices at 240 Greenwich Street, New York, New York 10286, telephone 800–813–3074. If you have questions regarding your account or your Trust, please contact the Trustee at its unit investment trust division offices or your financial advisor. The Sponsor does not have access to individual account information. The Bank of New York Mellon is subject to supervision and examination by the Superintendent of the New York State Department of Financial Services and the Board of Governors of the Federal Reserve System, and its deposits are insured by the Federal Deposit Insurance Corporation to the extent permitted by law.

The Trustee has not participated in selecting the Securities; it only provides administrative services.

**Limitations of Liabilities of Sponsor and Trustee.**

Neither we nor the Trustee will be liable for taking any action or for not taking any action in good faith according to the Indenture. We will also not be accountable for errors in judgment. We will only be liable for our own willful misfeasance, bad faith, gross negligence (ordinary negligence in the Trustee’s case) or reckless disregard of our obligations and duties. The Trustee is not liable for any loss or depreciation when the Securities are sold. If we fail to act under the Indenture, the Trustee may do so, and the Trustee will not be liable for any action it takes in good faith under the Indenture.

The Trustee will not be liable for any taxes or other governmental charges or interest on the Securities which the Trustee may be required to pay under any present or future law of the United States or of any other taxing authority with jurisdiction. Also, the Indenture states other provisions regarding the liability of the Trustee.

If we do not perform any of our duties under the Indenture or are not able to act or become bankrupt, or if our affairs are taken over by public authorities, then the Trustee may:

- Appoint a successor sponsor, paying them a reasonable rate not more than that stated by the SEC;
- Terminate the Indenture and liquidate the Trust; or
- Continue to act as Trustee without terminating the Indenture.

**The Evaluator.**

The Evaluator is First Trust Advisors L.P., an Illinois limited partnership formed in 1991 and an affiliate of the Sponsor. The Evaluator’s address is 120 East Liberty Drive, Wheaton, Illinois 60187.

The Trustee, Sponsor and Unit holders may rely on the accuracy of any evaluation prepared by the Evaluator. The Evaluator will make determinations in good faith based upon the best available information, but will not be liable to the Trustee, Sponsor or Unit holders for errors in judgment.

**Other Information**

**Legal Opinions.**

Our counsel is Chapman and Cutler LLP, 111 W. Monroe St., Chicago, Illinois 60603. They have passed upon the legality of the Units offered hereby and certain matters relating to federal tax law. Carter Ledyard & Milburn LLP acts as the Trustee’s counsel.

**Experts.**

The Trust’s statement of net assets, including the schedule of investments, as of the opening of business on the Initial Date of Deposit, included in this prospectus has been audited by Deloitte & Touche LLP, an independent registered public accounting firm, as stated in their report appearing herein, and is included in reliance upon the report of such firm given upon their authority as experts in accounting and auditing.

**Supplemental Information.**

If you write or call the Sponsor, you will receive free of charge supplemental information about this Series, which has been filed with the SEC and to which we have referred throughout. This information states more specific details concerning the nature, structure and risks of this product.
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European Deep Value Dividend Portfolio, Series 24
FT 8166

Sponsor:

First Trust
First Trust Portfolios L.P.
Member SIPC • Member FINRA
120 East Liberty Drive
Wheaton, Illinois 60187
800–621–1675

Trustee:

The Bank of New York Mellon
240 Greenwich Street
New York, New York 10286
800–813–3074
24-Hour Pricing Line:
800–446–0132

Please refer to the “Summary of Essential Information” for the Product Code.

When Units of the Trust are no longer available, this prospectus may be used as a preliminary prospectus for a future series, in which case you should note the following:

The information in the prospectus is not complete and may be changed. We may not sell, or accept offers to buy, securities of a future series until that series has become effective with the SEC. No securities can be sold in any state where a sale would be illegal.

This prospectus contains information relating to the above-mentioned unit investment trust, but does not contain all of the information about this investment company as filed with the SEC in Washington, D.C. under the:

- Securities Act of 1933 (file no. 333–232241) and
- Investment Company Act of 1940 (file no. 811–05903)

Information about the Trust, including its Code of Ethics, can be reviewed and copied at the SEC’s Public Reference Room in Washington, D.C. Information regarding the operation of the SEC’s Public Reference Room may be obtained by calling the SEC at 202–942–8090.

Information about the Trust is available on the EDGAR Database on the SEC’s Internet site at www.sec.gov.

To obtain copies at prescribed rates –

Write: Public Reference Section of the SEC
100 F Street, N.E.
Washington, D.C. 20549

e-mail address: publicinfo@sec.gov

July 24, 2019

PLEASE RETAIN THIS PROSPECTUS FOR FUTURE REFERENCE