```
Global optimal solution found.
Objective value:                          55464.00
Infeasibilities:                          0.000000
Total solver iterations:                         3
Elapsed runtime seconds:                      0.04

Model Class:                                    LP

Total variables:                5
Nonlinear variables:            0
Integer variables:              0

Total constraints:              8
Nonlinear constraints:          0

Total nonzeros:                22
Nonlinear nonzeros:             0


                   Variable           Value        Reduced Cost
                          A        36.00000            0.000000
                         B1        5.000000            0.000000
                         B2        40.00000            0.000000
                         C1        10.00000            0.000000
                         C2        0.000000            98.00000

                        Row   Slack or Surplus          Dual Price
                          1        55464.00           -1.000000
                       DEMA        0.000000           -646.5000
                       DEMB        0.000000           -570.0000
                       DEMC        0.000000           -714.0000
                      CAPM1        0.000000            1.250000
                      CAPM2        240.0000            0.000000
                      CAPM3        54.00000            0.000000
                      CAPM4        12.00000            0.000000
```