## LUMINOUS

Designed by Ariga Mahmoudlou for RK www.robertkaufman.com


Finished quilt measures: 48 " $\times 60$ "

Fabric amounts based on yardage that is 42" wide.


## Notes Before You Begin

- Read through all of the instructions before beginning.
- All of the seam allowances are $1 / 4$ " unless otherwise noted.
- Press seam allowances open unless otherwise noted.
- Width of fabric (WOF) is equal to at least 42" wide.
- Right sides together has been abbreviated to RST.
- Remember to measure twice and cut once!


## Cutting Instructions

## From Fabric A, cut:

three 4-1/2" x WOF strips. Subcut:
twenty 4-1/2" squares for the block centers
twelve $3^{\prime \prime} \times$ WOF strips. Subcut:
one hundred sixty $3^{\prime \prime}$ squares for the HSTs
twelve 2-7/8" x WOF strips. Subcut:
one hundred sixty 2-7/8" squares for the Flying Geese
From each of Fabrics $B$ and $I$, cut:
one 5-1/4" x WOF strip. Subcut:
two 5-1/4" squares for the Flying Geese
From each of Fabrics C and H , cut:
one 5-1/4" x WOF strip. Subcut:
four 5-1/4" squares for the Flying Geese
From each of Fabrics D and G, cut:
one 5-1/4" x WOF strip. Subcut:
six $5-1 / 4$ " squares for the Flying Geese
From each of Fabrics $E$ and $F$, cut:
one 5-1/4" x WOF strip. Subcut:
eight 5-1/4" squares for the Flying Geese
From Fabric J, cut:
three 3" x WOF strips. Subcut:
forty 3 " squares for the HSTs
From Fabric K, cut:
nine 3" x WOF strips. Subcut:
one hundred twenty $3^{\prime \prime}$ squares for the HSTs
From the Binding Fabric, cut:
six 2-1/2" $\times$ WOF strips

Step 1: Pin two 2-7/8" Fabric A squares in opposing corners of a 5-1/4" Fabric B square, RST. The squares will overlap slightly in the center of the large square. Using a ruler, draw a diagonal line through the squares.


Step 2: Sew scant 1/4" seam on each side of the diagonal line. Set the seam by pressing it flat. Cut along the diagonal line, creating two identical units.


Step 3: Press the fabric toward smaller triangles. Repeat with the second unit.


Step 4: Place one 2-7/8" Fabric A square at the corner of sewn block unit. Draw diagonal line in pencil. Sew a scant 1/4" seam on each side of diagonal line. Set seam (press). Cut along diagonal line, creating two identical units.


Step 5: Press the seam toward smaller triangle. Trim off small dog ears left by the seam allowance. Trim to 2-1/2" x 4-1/2" if necessary. Repeat to make four flying geese blocks.


Step 6: Repeat with all remaining 5-1/4" Fabric B-I squares and 2-7/8" Fabric A squares to make a total of:

eight
Fabric B
flying geese units

sixteen
Fabric C
flying geese units

twenty-four Fabric D flying geese units

thirty-two Fabric E flying geese units

thirty-two Fabric F flying geese units

twenty-four Fabric G
flying geese units

sixteen
Fabric H
flying geese units

eight
Fabric I flying geese units

## Assemble the Half-Square Triangles (HSTs)



Step 7: Pair a 3" Fabric A square with a 3" Fabric J square, RST. Mark a diagonal line on the wrong side of one square. Sew $1 / 4^{\prime \prime}$ away from both sides of the marked line. Cut on the marked line, creating two half-square triangles (HSTs). Press toward the darker fabric. Trim to 2-1/2" square. Repeat to make eighty A/J HSTs.

Step 8: Repeat Step 7 to make two hundred forty A/K HSTs.

## Assemble the Blocks



Step 9: Gather:
four A/J HSTs
twelve A/K HSTs
eight Fabric B Flying Geese
one 4-1/2" Fabric A square
Arrange the units into five rows of five. Note the fabric placement and block orientation in the Block Assembly Diagram.

Step 10: Sew the squares together to form the rows. Press the seams in opposite directions every other row.

Step 11: Sew the rows together, nesting the seams and pressing the seams to one side to form the block.

The resulting B Block should measure 12-1/2" square.


Step 12: Repeat Steps 9-11 to make:

two Fabric C Blocks

three Fabric D Blocks

four Fabric E Blocks

four Fabric F Blocks
one Fabric I Block


three Fabric G Blocks

two Fabric H Blocks

## Assemble the Quilt



Step 13: Arrange the blocks into five rows of four blocks. Note the fabric placement and block orientation in the Quilt Assembly Diagram.

Step 14: Sew the blocks together to form rows. Press the rows to the left in the odd numbered rows and to the right in the even numbered rows.

Step 15: Sew the rows together to form the quilt center. Press the row seams open.

Your quilt top is complete! Baste, quilt, bind and enjoy!

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