SUNNY THE SUN

Complete Digital Crochet Amigurumi Pattern

DIGITAL DOWNLOAD ONLY - NO PHYSICAL ITEM WILL BE SHIPPED



Skill level	Terminology	Construction
Confident Beginner	**US crochet terms**	**Spiral rounds + sewn details**

A cheerful round sun plush with 12 softly pointed rays, rosy cheeks, safety eyes, and an embroidered smile.

2. Digital Download Notice

This product is a DIGITAL CROCHET PATTERN. It is not a finished amigurumi or physical toy, and no physical item will be shipped. The customer must crochet, stuff, assemble, and finish Sunny using the written instructions.

3. Finished Measurements

Feature	Calculated design target
Overall height, ray tip to ray tip	Approx. 21-23 cm / 8.3-9.1 in
Overall width, ray tip to ray tip	Approx. 21-23 cm / 8.3-9.1 in
Yellow body front width/height	Approx. 14-15 cm / 5.5-5.9 in
Body depth, front to back	Approx. 9.5-10.5 cm / 3.7-4.1 in
Each orange ray	Approx. 3.5-4 cm / 1.4-1.6 in long; 3-3.5 cm / 1.2-1.4 in across the flattened base
Cheek disc diameter	Approx. 1.5-1.8 cm / 0.6-0.7 in
Eye size used for target look	18 mm safety eyes

Size note: If you substitute medium-weight yarn, Sunny will usually finish smaller. Keep all parts in the same yarn family when possible so the body-to-ray proportions remain balanced.

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4. Materials and Tools

Material	Recommended amount / specification
Bulky #5 yarn - golden yellow	Approx. 90-110 g / 95-120 m (body)
Bulky #5 yarn - bright orange	Approx. 70-90 g / 75-100 m (12 rays)
Bulky #5 or medium #4 yarn - soft pink	Approx. 5-8 g / 6-10 m (2 cheeks)
Black yarn or embroidery floss	Approx. 2-4 g / 3-6 m (smile; optional embroidered eyes)
Crochet hook	4.5 mm / US 7, or a size that gives firm amigurumi fabric
Safety eyes	2 x 18 mm black eyes with secure washers
Polyester fibre filling	Approx. 90-120 g, added gradually and shaped to the specified flattened profile
Tapestry needle	Blunt-tip needle suitable for the yarn
Embroidery needle	Useful if using embroidery floss for the smile or eyes
Stitch markers	1 locking marker for BOR plus spare markers for placement
Pins	For pinning cheeks and all 12 rays before sewing
Scissors + measuring tape	Standard crochet finishing tools
Row counter	Optional, useful for tracking repeated plain rounds

Yarn recommendation

A smooth bulky cotton, cotton-acrylic blend, or smooth tube-style yarn gives the clean rounded stitch definition shown in the concept. Avoid very fuzzy yarn for the first version because it can hide placement points and make the small ray shaping harder to see.

Safety warning

Safety eyes, buttons, beads, wire, and other rigid or small components may not be suitable for children under 3 years old. For a child-focused version, replace the safety eyes with securely embroidered black yarn eyes. This pattern is a craft pattern and is not a toy-safety certification.

Embroidered-eye alternative

Instead of safety eyes, embroider each eye as a dense oval approximately 16-18 mm wide using black yarn. Place the embroidered eye centres in the same positions given for the safety-eye posts in Section 13.

5. Gauge and Tension

Target gauge: approximately 12 sc x 13 rounds = 10 x 10 cm / 4 x 4 in in firm single crochet worked in continuous spiral rounds with a 4.5 mm hook. Measure the gauge on the side of a small practice tube worked in continuous rounds, without stretching the fabric. Because all crocheted pieces in this pattern are worked in spiral rounds, use an in-the-round gauge measurement rather than a flat swatch for the final gauge check. Exact gauge is not mandatory, but it strongly affects finished size and yarn usage.

- Use a firm, dense tension so the filling does not show between stitches.
- If stuffing shows through, use a smaller hook before adding extra-tight tension with your hands.
- Do not over-tighten so much that inserting the hook becomes difficult.

6. Crochet Method and Terminology

- US crochet terminology is used throughout.
- The body, rays, and cheeks are worked in continuous spiral rounds. Do not join rounds with a slip stitch unless specifically instructed.
- Place the BOR marker in the first stitch of each round and move it up after every completed round.
- The pattern is written for standard yarn-over single crochet. If you prefer yarn-under single crochet, use it consistently; the finished size and stitch appearance may change slightly.
- The finished/right side of the crochet fabric faces outward.
- No pieces are turned because no flat crochet rows are used.

7. Abbreviations

Abbreviation	Meaning
MR	Magic ring
sc	Single crochet
inc	Increase: work 2 sc in the same stitch
inv dec	Invisible decrease: work the front loops of the next 2 stitches together as 1 sc
st / sts	Stitch / stitches
rnd / rnds	Round / rounds
FO	Fasten off
BOR	Beginning of round
CF	Centre front
CB	Centre back
x N	Repeat the preceding bracketed sequence N times

8. Construction Overview

- Body: 1 yellow flattened spheroid, worked from crown to underside. Shape the front and back into broad, softly domed circles while keeping the front-to-back depth noticeably narrower than the front width.
- Rays: 12 identical orange pointed pieces, worked separately, lightly stuffed, flattened at the base, then sewn around the body silhouette.
- Cheeks: 2 flat pink circles, unstuffed and surface-sewn after the body is closed.
- Eyes: inserted into the yellow body before the final decrease rounds close the opening.
- Mouth: embroidered after stuffing so the smile can be centred on the finished shape.
- Recommended order: body and eyes -> finish stuffing and close -> cheeks and smile -> pin all 12 rays -> sew rays -> final symmetry check.

Orientation: Right and left refer to Sunny's own right and left unless a diagram explicitly says “as viewed from the front.” The BOR is kept at the back and serves as the CB reference line.

9. Complete Written Crochet Pattern

9A. Yellow Body - Rnds 1-26

With golden yellow yarn. Work in a continuous spiral. Keep the BOR marker at the back of the piece.

Rnd	Instruction	Count
1	6 sc in MR.	6
2	Inc in each st around.	12
3	(Sc in next st, inc in next st) x 6.	18
4	(Sc in next 2 sts, inc in next st) x 6.	24
5	(Sc in next 3 sts, inc in next st) x 6.	30
6	(Sc in next 4 sts, inc in next st) x 6.	36
7	(Sc in next 5 sts, inc in next st) x 6.	42
8	(Sc in next 6 sts, inc in next st) x 6.	48
9	Sc in each st around.	48
10	Sc in each st around.	48
11	Sc in each st around.	48
12	Sc in each st around.	48
13	Sc in each st around.	48
14	Sc in each st around.	48

Safety-eye insertion after Rnd 14

Do not close the body before installing the eyes. With BOR at CB, count around Rnd 14. Place the first eye post in st 20 and the second in st 29. This leaves 8 stitches between the eye posts across the front. Install the washers securely inside the body. Recheck the eye line before continuing.

If using embroidered eyes, skip the safety-eye installation and continue the body. Embroider the eyes after the body is stuffed and closed, using the same placement points as guides.

Front reference on the 48-st section

- CB/BOR: around st 1.
- CF: opposite BOR, approximately between sts 24 and 25.
- Side meridians: approximately around sts 12-13 and 36-37.

Continue Body - Rnds 15-26

Rnd	Instruction	Count
15	Sc in each st around.	48
16	Sc in each st around.	48
17	Sc in each st around.	48
18	Sc in each st around.	48
19	Sc in each st around.	48
20	(Sc in next 6 sts, inv dec) x 6.	42
21	(Sc in next 5 sts, inv dec) x 6.	36
22	(Sc in next 4 sts, inv dec) x 6.	30
23	(Sc in next 3 sts, inv dec) x 6.	24
24	(Sc in next 2 sts, inv dec) x 6.	18
25	(Sc in next st, inv dec) x 6.	12
26	Inv dec x 6.	6

Stuffing schedule

1. After Rnd 21, begin adding small pieces of fibre filling. Fill around the crown and eye washers first.
2. After Rnd 23, continue filling while deliberately keeping the front and back shallower than the left-to-right width. Move more filling toward the outer perimeter rather than building a deep central ball.
3. After Rnd 24, gently compress Sunny between the front and back while shaping the front outline into a near circle. Target approximately 14-15 cm across the front and 9.5-10.5 cm front to back.
4. After Rnd 25, add only small wisps where necessary. Do not fill the centre so firmly that the body returns to a sphere.
5. After Rnd 26, FO leaving a 20 cm / 8 in tail. Thread through the front loops of the 6 remaining stitches, pull closed, secure, and bury the tail.

Body shape check

- From the front and back, Sunny should appear almost circular.
- From either side, the yellow body should be visibly shallower, approximately two-thirds of the front width.
- Keep the front and back softly domed rather than completely flat.
- The crown and underside should remain rounded without forming pointed cones.

9B. Orange Rays - Make 12

With bright orange yarn. Each ray is worked from the pointed outer tip toward the wider attachment base. Work in a continuous spiral.

Rnd	Instruction	Count
1	4 sc in MR.	4
2	Sc in each st around.	4
3	(Sc in next st, inc in next st) x 2.	6
4	(Sc in next 2 sts, inc in next st) x 2.	8
5	Sc in each st around.	8

FO leaving a 30 cm / 12 in sewing tail. Add only a small wisp of stuffing into the middle of the ray. Keep the pointed tip and the final open edge soft. Flatten the open 8-st base into 4 paired stitches; do not close it separately.

> Make exactly 12 rays before assembly. Lay them in a circle to check that the lengths are visually consistent. If one ray is noticeably longer because of tension, remake it before sewing.

9C. Pink Cheeks - Make 2

With soft pink yarn. Work in a continuous spiral.

Rnd	Instruction	Count
1	6 sc in MR.	6

FO leaving a 20 cm / 8 in sewing tail. Gently flatten. Do not stuff.

10. Stitch-Count Validation Note

All shaped crochet rounds in this written pattern have been digitally checked for internal stitch-count consistency: every repeat consumes the available stitches and reaches the stated final count. This is a digital consistency check only and does not replace a physical test crochet.

Pattern piece count

Piece	Quantity	Stuffing
Yellow body	1	Firm around perimeter; moderate through front/back centre
Orange rays	12	Very lightly stuffed
Pink cheeks	2	Unstuffed
Safety eyes	2	Installed before closure

11. Shaping and Proportions

- Keep the yellow body nearly circular when viewed from the front and back, but distinctly flattened from front to back. Target a side depth of approximately two-thirds of the front width. Do not stuff it into a ball or tall egg shape.
- The 12 rays should appear evenly spaced and approximately equal in length. The point of each ray faces directly away from the centre of the body.
- The ray bases should sit close to the body with minimal gaps, while the tips remain softly rounded and slightly puffy.
- The eyes sit in the upper-middle of the face. The cheeks sit lower and farther outward. The smile is centred between them.
- Keep the forehead and central face area clear; no orange ray should overlap the yellow front surface.

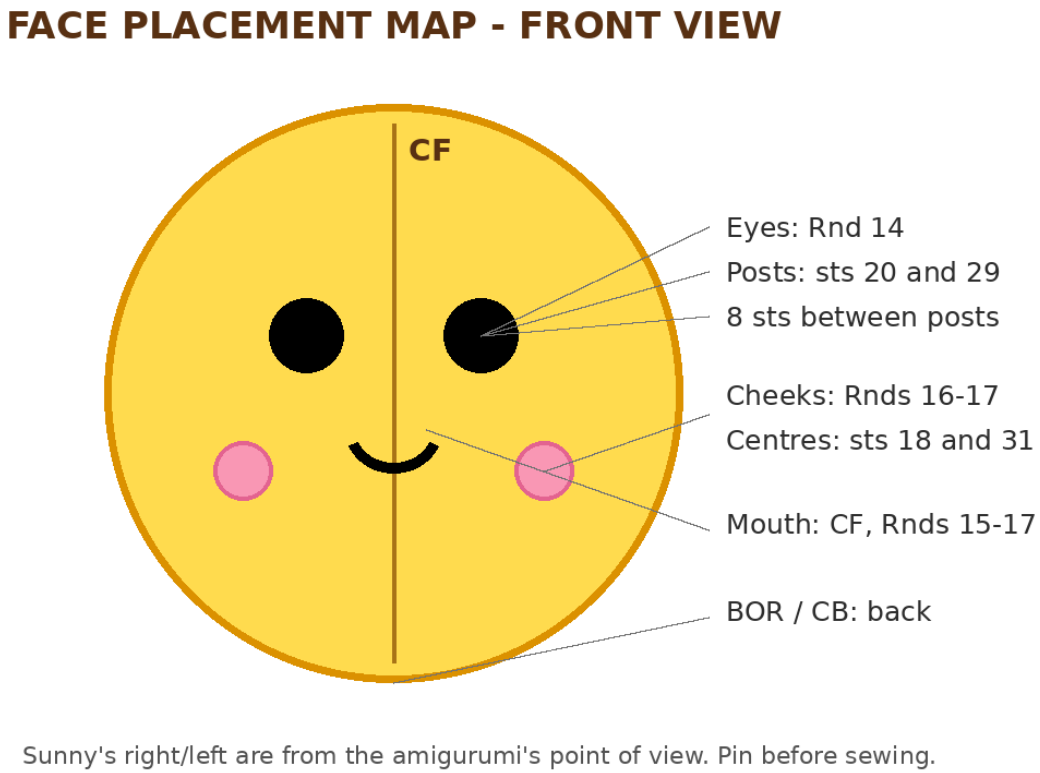
12. Colour Changes and Surface Details

No in-round colour changes are required. The body, rays, and cheeks are crocheted as separate solid-colour pieces. Cut and secure each colour after its piece is complete. The black smile is added by surface embroidery after stuffing.

Smile embroidery

1. Thread 30-40 cm / 12-16 in of black yarn or embroidery floss onto a needle.
2. With Sunny facing you, bring the needle out near Rnd 15, about 2 stitches to one side of CF.
3. Create a shallow U-shaped smile that dips to about Rnd 17 at CF and rises to the mirrored point. The finished smile should span approximately 3-4 stitches.
4. Use 2-3 small backstitches or couching stitches so the curve stays smooth. Do not pull so tightly that the yellow fabric puckers.
5. Secure on the back of the fabric by passing the needle through the body, then bury the tail inside.

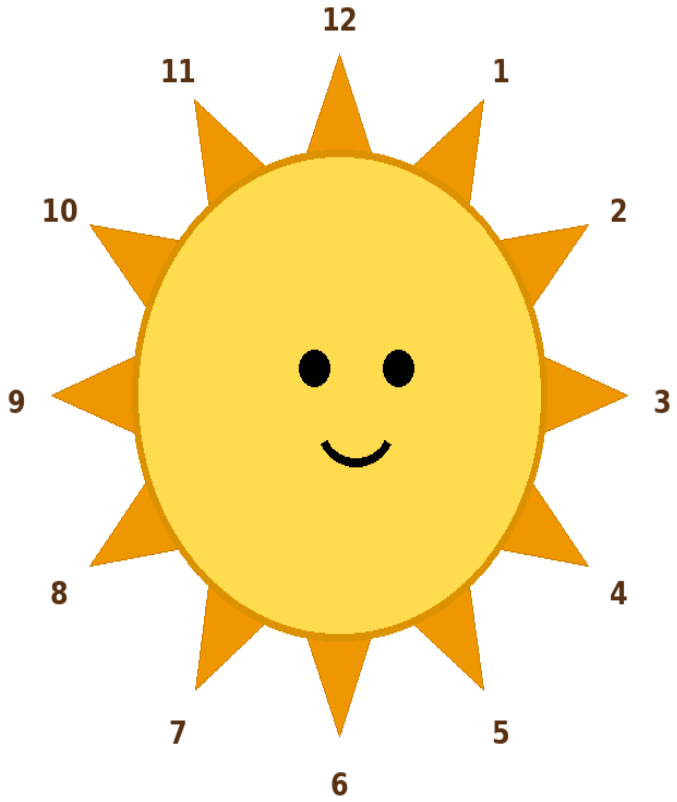
13. Placement Maps - Face



Sunny's right/left are from the amigurumi's point of view. Pin before sewing.

13. Placement Maps - Rays

12-RAY PLACEMENT - FRONT & SIDE CHECK



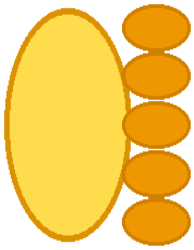
Attachment guide

Place one ray at each clock position.

12 o'clock = crown; 6 o'clock = underside

Paired side rays follow the silhouette line between the front and back surfaces.

Keep all orange bases off the face area.



Side check: yellow depth is about two-thirds of its front width; rays form a narrow ridge.

Ray anchor guide

Clock position as viewed from front	Area	Approximate anchor zone
12 o'clock	Crown	Centre over Rnds 1-3
1 and 11 o'clock	Upper shoulders	Centre near Rnds 4-6
2 and 10 o'clock	Upper sides	Centre near Rnds 7-9
3 and 9 o'clock	Mid-sides	Centre near Rnds 11-14
4 and 8 o'clock	Lower sides	Centre near Rnds 16-18
5 and 7 o'clock	Lower shoulders	Centre near Rnds 20-22
6 o'clock	Underside	Centre over Rnds 24-26

For the paired side rays, pin the ray base so its midpoint follows the visible boundary between the front and back surfaces. On the 48-st middle rounds, this side boundary is approximately around sts 12-13 on one side and sts 36-37 on the other. Shift by 1 stitch if needed to keep the ray visually radial and mirrored.

Pin all 12 rays before sewing any of them. Check from the front, back, both sides, crown, and underside. The spacing should look like an even clock face and the side view should show a narrow vertical ridge of rays rather than a horizontal belt.

14. Stuffing and Shaping

Part	Stuffing level	Target shape
Body	Firm around the outer shape, moderate through the front/back centre	Flattened spheroid; nearly circular front; approx. 9.5-10.5 cm front-to-back depth
Rays	Very light wisp only	Puffy but bendable; pointed tip stays soft
Cheeks	None	Flat circular appliques

- Add filling in small pieces rather than one large clump.
- Use fingertips or the blunt end of the crochet hook handle to move filling around the eye washers; do not poke through the fabric.
- If the body becomes lumpy, remove a little filling, tease it apart, and reinsert it gradually.
- Do not overstuff the rays. Too much filling makes their bases hard to flatten and creates visible gaps at the seam.
- No needle sculpting is required for this design.

15. Assembly Instructions

1. Complete the body through Rnd 14 and install the safety eyes, or mark the eye positions for later embroidery.
2. Finish the body through Rnd 26, stuffing and shaping it into the flattened profile described in Section 14. Close Rnd 26 only after checking the front and side silhouettes.
3. Pin the two pink cheeks near Rnds 16-17. With CF between sts 24 and 25, place the cheek centres approximately at sts 18 and 31. They should sit lower and farther outward than the eye posts and mirror each other.
4. Sew each cheek around its outer edge with the pink yarn tail. Catch only small surface loops of the yellow body so the seam stays neat. Secure and bury tails.
5. Embroider the smile on CF using Section 12. Check that the lowest point of the smile sits below the eye line and between the cheeks.
6. Arrange the 12 orange rays around Sunny according to the clock-face placement map. Pin every ray before sewing.
7. Starting with the 12 o'clock ray, sew the flattened base to the body. Work through both layers of the ray base and small surface loops of the yellow body. Keep the base snug but do not cinch the body fabric.
8. Sew the 6 o'clock ray next, then the 3 and 9 o'clock rays. Recheck the four main compass points before adding the remaining rays.
9. Attach the remaining paired rays in mirrored order: 1/11, 2/10, 4/8, then 5/7 o'clock. This helps preserve symmetry.
10. After all rays are attached, remove pins and temporary guide markers. Check every seam, adjust filling if possible through any loose ray base before fully securing, then bury all remaining yarn tails.

16. Sewing Methods

Join	Recommended method	How to sew
Cheek to body	Small whip stitch / surface stitch	Pass under the outer loops of the pink disc and catch a small yellow surface loop. Keep tension even so the disc stays flat.
Ray base to body	Whip stitch through both flattened base layers	Pass through both layers of the orange base, then under 1-2 yellow surface loops. Repeat across the full 4-pair base.
Closing body	Drawstring through front loops	Thread the FO tail through the front loops of the last 6 stitches, pull closed, secure, and bury the tail.
Smile	Backstitch or couched embroidery	Use short stitches to create a smooth U curve without puckering the fabric.

For all seams, tighten only enough to bring the parts together. Excessive tension can make dents in the yellow body or twist the rays. After securing a seam, pass the needle through the body and bring it out several centimetres away; pull gently and trim so the tail retracts inside.

17. Final Visual Checklist

☐ Face is centred on the broadest yellow front area.
☐ Eyes are level, equally spaced from CF, and secure.
☐ Cheeks are level and mirrored.
☐ Smile is centred, smooth, and not puckering the body.
☐ All 12 rays are present and evenly spaced.
☐ Opposite ray pairs line up: 12/6, 1/7, 2/8, 3/9, 4/10, 5/11 o'clock.
☐ Ray points face outward rather than twisting sideways.
☐ Front and back remain clearly visible between the ray ring.
☐ From the front/back the body is nearly circular; from the sides it is visibly shallower and balanced.
☐ No stuffing is visible through crochet holes.
☐ No large gaps appear around ray or cheek seams.
☐ No rigid components, knots, or yarn tails are exposed.
☐ All temporary markers and pins have been removed.

18. Troubleshooting

Problem	Practical fix
Stuffing shows through	Try a smaller hook or slightly firmer tension. Remove excess filling before forcing more yarn between stitches.
Sunny is much larger or smaller than target	Check yarn weight, hook size, and your sc gauge. Keep all parts in the same yarn scale so the rays do not look oversized or tiny.
Continuous rounds twist	Keep the BOR marker moving every round. A slight spiral shift is normal; use the marked CB and CF guides for placement rather than relying on the visible increase lines.
Eye line is uneven	Before fitting washers, set the body on a table and compare both posts from the front. If already secured, adjust the surrounding stuffing to reduce a small visual tilt.
Smile is off-centre	Remove the embroidery before securing the tail and re-stitch using CF as the centre point.
Body looks too deep or spherical from the side	Before final closure, redistribute filling toward the outer perimeter and gently compress the front and back. Maintain approximately 14-15 cm front width but only 9.5-10.5 cm front-to-back depth. Do not add more filling to the centre simply to make the body firmer.
One ray sits higher than its mirror	Unpin or reopen the seam and match the paired ray to the same round zone on the opposite side.
Ray points twist	Keep the flattened base aligned with the silhouette guide. Rotate the ray before the final seam stitches so its tip points directly outward.
Gaps around a ray base	Use smaller, more frequent whip stitches and catch both layers of the flattened base. Avoid overstuffing the ray.
Ray is floppy	Add only a tiny extra wisp of stuffing near its middle, or take one discreet extra securing stitch through the base into the body.
Underside closure forms a hard bump	Remove a little filling from the final closure area and redistribute it toward the side walls. Smooth the closure gently by hand. The 6 o'clock ray should not be used to force Sunny upright.
Visible holes after decreases	Use invisible decreases through the front loops and keep tension firm. If a hole remains, move a small amount of stuffing away from that point rather than pulling the stitch unnaturally tight.
Cheeks curl	Make sure the 6-st circles are not over-tightened. Pin flat and sew around the outer edge without stretching the disc.
Rays form a horizontal belt in side view	Reposition them onto the silhouette line between front and back. The side view should show a narrow vertical ridge, not a band around the widest body round.
Loose attachment after finishing	Reinforce the seam with a second pass using the matching yarn, then secure and bury the tail inside the body.

19. Printing and Customer Notes

Digital product notice

- This file is a digital crochet pattern only. No physical item will be shipped.
- The customer is responsible for crocheting, stuffing, assembling, and finishing the amigurumi.
- US crochet terminology is used throughout.
- No physical prototype or test crochet was used. Measurements and yarn amounts are calculated design targets and may vary in practice.

Printing

- Designed on A4 pages. For A4 printers, select “Actual Size” or 100%.
- For US Letter paper, choose “Fit to printable area” if your printer clips margins. No pattern template pieces require exact scale.
- Print only the instruction pages you need, or use the PDF digitally on a tablet or computer.

Handmade-use permission

You may use this pattern for personal crochet projects and may sell finished Sunny the Sun amigurumi in small handmade quantities. Please use your own finished-item photographs and your own listing text. Mass manufacturing from this pattern is not permitted without separate written authorization.

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Final customer note

Sunny is designed as a friendly, round sun with a clear face and 12 softly pointed orange rays. The most important finishing step is pinning all rays before sewing: a few minutes spent checking the clock-face spacing from every angle will make the finished silhouette look much more polished.

At-a-glance pattern summary

Item	Summary
Main body	1 yellow flattened spheroid, max 48 sts, 26 rounds
Rays	12 orange pieces, max 8 sts, 5 rounds each
Cheeks	2 pink discs, 6 sts each
Eyes	2 x 18 mm safety eyes or embroidered alternative
Primary construction	Continuous spiral rounds; surface assembly after body closure

Thank you for choosing a handmade crochet project. Enjoy making Sunny the Sun!