


sphereX · Welding helmets

sphereX 2.5

auto-darkening welding helmet

A sphereX helmet with a field of view over 30% larger, a bright 2.5 light state and ShadeTronic® across 5–12.

- Field of view over 30% larger, realistic colours
- Light state 2.5; viewing angle dependence class V2
- ShadeTronic®: automatic 5–12, manual 4–8 and 8–12
- 5 sensors, stepless sensitivity with "Super High" range
- IsoFit® X headgear and Position Locker (2 positions)
- 640 g, FadeTronic and grind mode

Technical data

Colour of knobs	black
Colour of welding helmet	black
Power supply	Solar cells, 2 x replaceable 3 V button cell batteries (CR2032)
Protection level (not activated)	2.5
Protection levels (automatic)	5–12
Protection levels (manual)	8–12, 4–8
Sensitivity adjustment	continuously, with "Super High" sensitivity range
Sensoric	5 sensors
Weight	640 g / 22 57 oz
viewing angle dependence	V2

What's in the box

- Welding helmet
- Instruction manual
- Storage bag
- Warranty card

Technologies

FadeTronic

Multi-Sensor-Detection

Position Locker

ShadeTronic®

Variants and article numbers

Art. no.	Name	EAN
1006.680	sphereX 2.5 — auto-darkening welding helmet, black, with IsoFit® X headgear	7640429874580
1006.680.C	sphereX 2.5 — auto-darkening welding helmet, black, with comfort headband	7640429876010

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Description, images, documents and online shop:
optrel.pl/en/products/spherex-2-5/

Technical data according to optrel AG. Images for illustration. As of: 20 October 2026. optrel® — trademark of optrel AG.