

# COOL BLUE INTENSE (NEXT GEN)

Extra white light for LED look



## LED look

Extra white light for stylish LED look



## Up to 5,000 Kelvin<sup>1), 2)</sup>

High contrast and brilliantly white light for most stylish and modern look on the road



## Up to 100% more brightness<sup>1), 3)</sup>

More light allows to see farther and therefore react sooner



## The extra white light with up to 5,000 K

Discover COOL BLUE INTENSE - high-tech halogen lamps, almost in the league of LED lamps. With its powerful and bright extra white light up to 5,000 Kelvin<sup>1), 2)</sup>, whose cool beam makes it look very like a LED lamp, it gives real design fans their money's worth. The automotive lamp also provides a high-contrast light similar to daylight, which makes it easier on the eyes than the light from standard lamps. In comparison to minimum ECE requirements, the OSRAM COOL BLUE INTENSE range is up to 100% more brightness!<sup>1), 3)</sup>. The modern design with silver cap (H4/H7/H8/H11/HB4) is ideal for use in clear-glass headlights. That gives your car a stylish look.

1) H1, H4, H7, H11, HB3, HB4, HIR2.

2) Measured in headlamps.

3) Compared to minimum ECE R112 requirements.

Product family datasheet

Technical data

| Product description               | General Product Information | Electrical Data         |                 |                 |              |
|-----------------------------------|-----------------------------|-------------------------|-----------------|-----------------|--------------|
|                                   | Global order reference      | Power input             | Nominal voltage | Nominal wattage | Test voltage |
| COOL BLUE INTENSE (NEXT GEN) H1   | 64150CBN                    | 68 W <sup>1)</sup>      | 12 V            | 55 W            | 13.2 V       |
| COOL BLUE INTENSE (NEXT GEN) H4   | 64193CBN                    | 75 / 68 W <sup>1)</sup> | 12 V            | 60/55 W         | 13.2 V       |
| COOL BLUE INTENSE (NEXT GEN) H7   | 64210CBN                    | 58 W <sup>1)</sup>      | 12 V            | 55 W            | 13.2 V       |
| COOL BLUE INTENSE (NEXT GEN) H8   | 64212CBN                    | 43 W <sup>1)</sup>      | 12 V            | 35 W            | 13.2 V       |
| COOL BLUE INTENSE (NEXT GEN) H11  | 64211CBN                    | 62 W <sup>1)</sup>      | 12 V            | 55 W            | 13.2 V       |
| COOL BLUE INTENSE (NEXT GEN) H15  | 64176CBN                    | 19 / 64 W <sup>1)</sup> | 13.2 V          | 15/55 W         | 13.2 V       |
| COOL BLUE INTENSE (NEXT GEN) HB3  | 9005CBN                     | 73 W <sup>1)</sup>      | 12 V            | 60 W            | 13.2 V       |
| COOL BLUE INTENSE (NEXT GEN) HB4  | 9006CBN                     | 62 W <sup>1)</sup>      | 12 V            | 51 W            | 13.2 V       |
| COOL BLUE INTENSE (NEXT GEN) HIR2 | 9012CBN                     | 63 W <sup>1)</sup>      | 12 V            | 55 W            | 13.2 V       |

| Product description               | Photometric Data      |                         | Physical Attributes & Dimensions |          | Lifetime Data             |
|-----------------------------------|-----------------------|-------------------------|----------------------------------|----------|---------------------------|
|                                   | Nominal luminous flux | Luminous flux tolerance | Diameter                         | Diameter | Lifespan B3               |
| COOL BLUE INTENSE (NEXT GEN) H1   | 1550 lm               | ±15 %                   | 8.5 mm                           | 8.5 mm   | 150 hr                    |
| COOL BLUE INTENSE (NEXT GEN) H4   | 1650/1000 lm          | ±15 % / ±15 %           | 13.0 mm                          | 13.0 mm  | 50 / 200 hr <sup>2)</sup> |
| COOL BLUE INTENSE (NEXT GEN) H7   | 1500 lm               | ±10 %                   | 12.0 mm                          | 12.0 mm  | 100 hr                    |
| COOL BLUE INTENSE (NEXT GEN) H8   | 800 lm                | ±15 %                   | 12.0 mm                          | 12.0 mm  | 250 hr                    |
| COOL BLUE INTENSE (NEXT GEN) H11  | 1350 lm               | ±10 %                   | 12.0 mm                          | 12.0 mm  | 100 hr                    |
| COOL BLUE INTENSE (NEXT GEN) H15  | 260/1350 lm           | ±10 / ±10 %             | 13.0 mm                          | 13.0 mm  | 1000 / 100 hr             |
| COOL BLUE INTENSE (NEXT GEN) HB3  | 1860 lm               | ±12 %                   | 12.0 mm                          | 12.0 mm  | 110 hr                    |
| COOL BLUE INTENSE (NEXT GEN) HB4  | 1095 lm               | ±15 %                   | 12.0 mm                          | 12.0 mm  | 270 hr                    |
| COOL BLUE INTENSE (NEXT GEN) HIR2 | 1875 lm               | ±15 %                   | 11.3 mm                          | 11.3 mm  | 130 hr                    |

Product family datasheet

|                                   |                               | Certificates<br>&<br>standards | Environmental & Regulatory Information<br>Information according Art. 33 of EU Regulation (EC) 1907/2006<br>(REACH)              |                                       |                                       |
|-----------------------------------|-------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Product description               | Lifespan<br>Tc                | ECE<br>category                | Primary article<br>identifier                                                                                                   | Candidate list<br>substance 1         | Declaration no. in<br>SCIP database   |
| COOL BLUE INTENSE (NEXT GEN) H1   | 250 hr                        | H1                             | 4058075520332  <br>4062172216425  <br>4062172173681  <br>4062172388061  <br>4062172395403  <br>4058075520356  <br>4062172251662 | No declarable<br>substances contained | No declarable<br>substances contained |
| COOL BLUE INTENSE (NEXT GEN) H4   | 100 /<br>400 hr <sup>2)</sup> | H4                             | 4062172159302  <br>4062172387415  <br>4062172149297  <br>4062172395625  <br>4062172149334  <br>4062172251686                    | No declarable<br>substances contained | No declarable<br>substances contained |
| COOL BLUE INTENSE (NEXT GEN) H7   | 200 hr                        | H7                             | 4062172159326  <br>4062172251709  <br>4062172269209  <br>4062172387538  <br>4062172149310  <br>4062172149358  <br>4062172395038 | No declarable<br>substances contained | No declarable<br>substances contained |
| COOL BLUE INTENSE (NEXT GEN) H8   | 500 hr                        | H8                             | 4062172214988  <br>4062172215480  <br>4062172387750                                                                             | No declarable<br>substances contained | No declarable<br>substances contained |
| COOL BLUE INTENSE (NEXT GEN) H11  | 200 hr                        | H11                            | 4062172213431  <br>4062172214940  <br>4062172387651                                                                             | No declarable<br>substances contained | No declarable<br>substances contained |
| COOL BLUE INTENSE (NEXT GEN) H15  | 2000 /<br>200 hr              | H15                            | 4062172387811  <br>4062172215008  <br>4062172215503  <br>4062172215527                                                          | No declarable<br>substances contained | No declarable<br>substances contained |
| COOL BLUE INTENSE (NEXT GEN) HB3  | 220 hr                        | HB3                            | 4062172215602  <br>4062172388269  <br>4062172215022                                                                             | No declarable<br>substances contained | No declarable<br>substances contained |
| COOL BLUE INTENSE (NEXT GEN) HB4  | 500 hr                        | HB4                            | 4062172388306  <br>4062172215046  <br>4062172215626                                                                             | No declarable<br>substances contained | No declarable<br>substances contained |
| COOL BLUE INTENSE (NEXT GEN) HIR2 | 330 hr                        | HIR2                           | 4062172215558  <br>4062172215572                                                                                                | No declarable<br>substances contained | No declarable<br>substances contained |

1) Maximum

2) Filament 1

Download Data

| File                                                                                |                                                                     |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------|
|    | User instruction<br>GPRS_Safety symbols instructions                |
|    | ref_pim_amsproduct360degreeimages<br>COOL BLUE INTENSE H1 64150CBN  |
|    | ref_pim_amsproduct360degreeimages<br>COOL BLUE INTENSE H4 64193CBN  |
|    | ref_pim_amsproduct360degreeimages<br>COOL BLUE INTENSE H7 64210CBN  |
|    | ref_pim_amsproduct360degreeimages<br>COOL BLUE INTENSE H8 64212CBN  |
|    | ref_pim_amsproduct360degreeimages<br>COOL BLUE INTENSE H11 64211CBN |
|    | ref_pim_amsproduct360degreeimages<br>COOL BLUE INTENSE H15 64176CBN |
|    | ref_pim_amsproduct360degreeimages<br>ZMP_4062590                    |
|   | ref_pim_amsproduct360degreeimages<br>ZMP_4062590                    |
|  | ref_pim_amsproduct360degreeimages<br>ZMP_4062590                    |

Application advice

For more detailed application information and graphics please see product datasheet.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.