

## COOL BLUE INTENSE

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               | Electrical Data         |                 |                 |              | Photometric Data      |
|-----------------------------------|-------------------------|-----------------|-----------------|--------------|-----------------------|
|                                   | Power input             | Nominal voltage | Nominal wattage | Test voltage | Nominal luminous flux |
| COOL BLUE INTENSE (NEXT GEN) H1   | 68 W <sup>1)</sup>      | 12 V            | 55 W            | 13.2 V       | 1550 lm               |
| COOL BLUE INTENSE (NEXT GEN) H4   | 75 / 68 W <sup>1)</sup> | 12 V            | 60/55 W         | 13.2 V       | 1650/1000 lm          |
| COOL BLUE INTENSE (NEXT GEN) H7   | 58 W <sup>1)</sup>      | 12 V            | 55 W            | 13.2 V       | 1500 lm               |
| COOL BLUE INTENSE (NEXT GEN) H8   | 43 W <sup>1)</sup>      | 12 V            | 35 W            | 13.2 V       | 800 lm                |
| COOL BLUE INTENSE (NEXT GEN) H11  | 62 W <sup>1)</sup>      | 12 V            | 55 W            | 13.2 V       | 1350 lm               |
| COOL BLUE INTENSE (NEXT GEN) H15  | 19 / 64 W <sup>1)</sup> | 13.2 V          | 15/55 W         | 13.2 V       | 260/1350 lm           |
| COOL BLUE INTENSE (NEXT GEN) HB3  | 73 W <sup>1)</sup>      | 12 V            | 60 W            | 13.2 V       | 1860 lm               |
| COOL BLUE INTENSE (NEXT GEN) HB4  | 62 W <sup>1)</sup>      | 12 V            | 51 W            | 13.2 V       | 1095 lm               |
| COOL BLUE INTENSE (NEXT GEN) HIR2 | 63 W <sup>1)</sup>      | 12 V            | 55 W            | 13.2 V       | 1875 lm               |

| Product description             | Luminous flux tolerance | Physical Attributes & Dimensions | Lifetime Data             |                            | Certificates & standards | Environmental & Regulatory Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)              |
|---------------------------------|-------------------------|----------------------------------|---------------------------|----------------------------|--------------------------|---------------------------------------------------------------------------------------------------------------|
|                                 |                         | Diameter                         | Lifespan B3               | Lifespan Tc                | ECE category             | Primary article identifier                                                                                    |
| COOL BLUE INTENSE (NEXT GEN) H1 | ±15 %                   | 8.5 mm                           | 150 hr                    | 250 hr                     | H1                       | 4058075520332   4062172216425   4062172173681   4062172388061   4062172395403   4058075520356   4062172251662 |
| COOL BLUE INTENSE (NEXT GEN) H4 | ±15 % / ±15 %           | 13.0 mm                          | 50 / 200 hr <sup>2)</sup> | 100 / 400 hr <sup>2)</sup> | H4                       | 4062172159302   4062172387415   4062172149297   4062172395625   4062172149334   4062172251686                 |
| COOL BLUE INTENSE (NEXT GEN) H7 | ±10 %                   | 12.0 mm                          | 100 hr                    | 200 hr                     | H7                       | 4062172159326   4062172251709   4062172269209   4062172387538   4062172149310   4062172149358   4062172395038 |

Product family datasheet

|                                   |                         | Physical Attributes & Dimensions | Lifetime Data |               | Certificates & standards | Environmental & Regulatory Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |
|-----------------------------------|-------------------------|----------------------------------|---------------|---------------|--------------------------|--------------------------------------------------------------------------------------------------|
| Product description               | Luminous flux tolerance | Diameter                         | Lifespan B3   | Lifespan Tc   | ECE category             | Primary article identifier                                                                       |
| COOL BLUE INTENSE (NEXT GEN) H8   | ±15 %                   | 12.0 mm                          | 250 hr        | 500 hr        | H8                       | 4062172214988   4062172215480   4062172387750                                                    |
| COOL BLUE INTENSE (NEXT GEN) H11  | ±10 %                   | 12.0 mm                          | 100 hr        | 200 hr        | H11                      | 4062172213431   4062172214940   4062172387651                                                    |
| COOL BLUE INTENSE (NEXT GEN) H15  | ±10 / ±10 %             | 13.0 mm                          | 1000 / 100 hr | 2000 / 200 hr | H15                      | 4062172387811   4062172215008   4062172215503   4062172215527                                    |
| COOL BLUE INTENSE (NEXT GEN) HB3  | ±12 %                   | 12.0 mm                          | 110 hr        | 220 hr        | HB3                      | 4062172215602   4062172388269   4062172215022                                                    |
| COOL BLUE INTENSE (NEXT GEN) HB4  | ±15 %                   | 12.0 mm                          | 270 hr        | 500 hr        | HB4                      | 4062172388306   4062172215046   4062172215626                                                    |
| COOL BLUE INTENSE (NEXT GEN) HIR2 | ±15 %                   | 11.3 mm                          | 130 hr        | 330 hr        | HIR2                     | 4062172215558   4062172215572                                                                    |

| Product description               | Candidate list substance 1         | Declaration no. in SCIP database   |
|-----------------------------------|------------------------------------|------------------------------------|
| COOL BLUE INTENSE (NEXT GEN) H1   | No declarable substances contained | No declarable substances contained |
| COOL BLUE INTENSE (NEXT GEN) H4   | No declarable substances contained | No declarable substances contained |
| COOL BLUE INTENSE (NEXT GEN) H7   | No declarable substances contained | No declarable substances contained |
| COOL BLUE INTENSE (NEXT GEN) H8   | No declarable substances contained | No declarable substances contained |
| COOL BLUE INTENSE (NEXT GEN) H11  | No declarable substances contained | No declarable substances contained |
| COOL BLUE INTENSE (NEXT GEN) H15  | No declarable substances contained | No declarable substances contained |
| COOL BLUE INTENSE (NEXT GEN) HB3  | No declarable substances contained | No declarable substances contained |
| COOL BLUE INTENSE (NEXT GEN) HB4  | No declarable substances contained | No declarable substances contained |
| COOL BLUE INTENSE (NEXT GEN) HIR2 | No declarable substances contained | No declarable substances contained |

1) Maximum

2) Filament 1

Download Data

| File                                                                                |                                                                     |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------|
|    | User instruction<br>GPRS_Safety symbols instructions                |
|    | Addon Technical Information<br>Product Certificates HAL             |
|    | 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  |
|    | Addon Technical Information<br>Certificate overview OSRAM Argentina |
|    | 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.