

# 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 1), 2)**

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



**Up to 100% more brightness 1), 3)**

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, 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! 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>	12.0 V	55 W	13.2 V
COOL BLUE INTENSE (NEXT GEN) H4	64193CBN	75 / 68 W <sup>1)</sup>			13.2 V
COOL BLUE INTENSE (NEXT GEN) H7	64210CBN	58 W <sup>1)</sup>			13.2 V
COOL BLUE INTENSE (NEXT GEN) H8	64212CBN	43 W <sup>1)</sup>	12.0 V	35 W	13.2 V
COOL BLUE INTENSE (NEXT GEN) H11	64211CBN	62 W <sup>1)</sup>	13.2 V	55 W	13.2 V
COOL BLUE INTENSE (NEXT GEN) H15	64176CBN	19 / 64 W <sup>1)</sup>	12.0 V		13.2 V
COOL BLUE INTENSE (NEXT GEN) HB3	9005CBN	73 W <sup>1)</sup>	12.0 V	60 W	13.2 V
COOL BLUE INTENSE (NEXT GEN) HB4	9006CBN	62 W <sup>1)</sup>	12.0 V	51 W	13.2 V
COOL BLUE INTENSE (NEXT GEN) HIR2	9012CBN	63 W <sup>1)</sup>	12.0 V	55 W	13.2 V

Product description	Photometric Data		Physical Attributes & Dimensions	Lifetime Data		Certificates & standards
	Nominal luminous flux	Luminous flux tolerance	Diameter	Lifespan B3	Lifespan Tc	ECE category
COOL BLUE INTENSE (NEXT GEN) H1	1550 lm	±15 %	8.5 mm	150 hr	250 hr	H1
COOL BLUE INTENSE (NEXT GEN) H4	1650/1000 lm	±15 % / ±15 %		50 / 200 hr <sup>2)</sup>	100 / 400 hr <sup>2)</sup>	H4
COOL BLUE INTENSE (NEXT GEN) H7	1500 lm	±10 %		100 hr	200 hr	H7
COOL BLUE INTENSE (NEXT GEN) H8	800 lm	±15 %	12.0 mm	250 hr	500 hr	H8
COOL BLUE INTENSE (NEXT GEN) H11	1350 lm	±10 %	12.0 mm	100 hr	200 hr	H11
COOL BLUE INTENSE (NEXT GEN) H15	260/1350 lm	±10 / ±10 %	13.0 mm	1000 / 100 hr	2000 / 200 hr	H15
COOL BLUE INTENSE (NEXT GEN) HB3	1860 lm	±12 %	12.0 mm	110 hr	220 hr	HB3
COOL BLUE INTENSE (NEXT GEN) HB4	1095 lm	±15 %	12.0 mm	270 hr	500 hr	HB4
COOL BLUE INTENSE (NEXT GEN) HIR2	1875 lm	±15 %	11.3 mm	130 hr	330 hr	HIR2

## Product family datasheet










Product description	Environmental & Regulatory Information			
	Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)			
	Date of declaration	Primary article identifier	Candidate list substance 1	Declaration no. in SCIP database
COOL BLUE INTENSE (NEXT GEN) H1	09-07-2024	4058075520332   4062172216425   4062172173681   4062172388061   4062172395403   4058075520356   4062172251662	No declarable substances contained	In work
COOL BLUE INTENSE (NEXT GEN) H4	09-07-2024	4062172159302   4062172387415   4062172149297   4062172395625   4062172149334   4062172251686	No declarable substances contained	In work
COOL BLUE INTENSE (NEXT GEN) H7	09-07-2024	4062172159326   4062172251709   4062172269209   4062172387538   4062172149310   4062172149358   4062172395038	No declarable substances contained	In work
COOL BLUE INTENSE (NEXT GEN) H8	09-07-2024	4062172214988   4062172215480   4062172387750	No declarable substances contained	In work
COOL BLUE INTENSE (NEXT GEN) H11	09-07-2024	4062172213431   4062172214940   4062172387651	No declarable substances contained	In work
COOL BLUE INTENSE (NEXT GEN) H15	09-07-2024	4062172387811   4062172215008   4062172215503   4062172215527	No declarable substances contained	In work
COOL BLUE INTENSE (NEXT GEN) HB3	09-07-2024	4062172215602   4062172388269   4062172215022	No declarable substances contained	In work
COOL BLUE INTENSE (NEXT GEN) HB4	09-07-2024	4062172388306   4062172215046   4062172215626	No declarable substances contained	In work
COOL BLUE INTENSE (NEXT GEN) HIR2	09-07-2024	4062172215558   4062172215572	No declarable substances contained	In work

1) Maximum

2) Filament 1

## Product family datasheet

### Download Data

File	
	ref_pim_amsproduct360degreeimages COOL BLUE INTENSE H1 64150CBN
	ref_pim_amsproduct360degreeimages COOL BLUE INTENSE H4 64193CBN
	ref_pim_amsproduct360degreeimages COOL BLUE INTENSE H7 64210CBN
	ref_pim_amsproduct360degreeimages COOL BLUE INTENSE H8 64212CBN
	ref_pim_amsproduct360degreeimages COOL BLUE INTENSE H11 64211CBN
	ref_pim_amsproduct360degreeimages COOL BLUE INTENSE H15 64176CBN
	ref_pim_amsproduct360degreeimages ZMP_4062590
	ref_pim_amsproduct360degreeimages ZMP_4062590
	ref_pim_amsproduct360degreeimages 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.