

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 ¹⁾	12.0 V	55 W	13.2 V
COOL BLUE INTENSE (NEXT GEN) H4	64193CBN	75 / 68 W ¹⁾	12.0 V	60/55 W	13.2 V
COOL BLUE INTENSE (NEXT GEN) H7	64210CBN	58 W ¹⁾	12.0 V	55 W	13.2 V
COOL BLUE INTENSE (NEXT GEN) H8	64212CBN	43 W ¹⁾	12.0 V	35 W	13.2 V
COOL BLUE INTENSE (NEXT GEN) H11	64211CBN	62 W ¹⁾	12.0 V	55 W	13.2 V
COOL BLUE INTENSE (NEXT GEN) H15	64176CBN	19 / 64 W ¹⁾	12.0 V	15/55 W	13.2 V
COOL BLUE INTENSE (NEXT GEN) HB3	9005CBN	73 W ¹⁾	12.0 V	60 W	13.2 V
COOL BLUE INTENSE (NEXT GEN) HB4	9006CBN	62 W ¹⁾	12.0 V	51 W	13.2 V
COOL BLUE INTENSE (NEXT GEN) HIR2	9012CBN	63 W ¹⁾	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 %	13.0 mm	50 / 200 hr ²⁾	100 / 400 hr ²⁾	H4
COOL BLUE INTENSE (NEXT GEN) H7	1500 lm	±10 %	12.0 mm	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










Environmental & Regulatory Information				
Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)				
Product description	Date of declaration	Primary article identifier	Candidate list substance 1	Declaration no. in SCIP database
COOL BLUE INTENSE (NEXT GEN) H1	16-09-2024	4058075520332 4062172216425 4062172173681 4062172388061 4062172395403 4058075520356 4062172251662	No declarable substances contained	In work
COOL BLUE INTENSE (NEXT GEN) H4	16-09-2024	4062172159302 4062172387415 4062172149297 4062172395625 4062172149334 4062172251686	No declarable substances contained	In work
COOL BLUE INTENSE (NEXT GEN) H7	16-09-2024	4062172159326 4062172251709 4062172269209 4062172387538 4062172149310 4062172149358 4062172395038	No declarable substances contained	In work
COOL BLUE INTENSE (NEXT GEN) H8	16-09-2024	4062172214988 4062172215480 4062172387750	No declarable substances contained	In work
COOL BLUE INTENSE (NEXT GEN) H11	16-09-2024	4062172213431 4062172214940 4062172387651	No declarable substances contained	In work
COOL BLUE INTENSE (NEXT GEN) H15	16-09-2024	4062172387811 4062172215008 4062172215503 4062172215527	No declarable substances contained	In work
COOL BLUE INTENSE (NEXT GEN) HB3	16-09-2024	4062172215602 4062172388269 4062172215022	No declarable substances contained	In work
COOL BLUE INTENSE (NEXT GEN) HB4	16-09-2024	4062172388306 4062172215046 4062172215626	No declarable substances contained	In work
COOL BLUE INTENSE (NEXT GEN) HIR2	05-09-2024	4062172215558 4062172215572	No declarable substances contained	In work

1) Maximum

2) Filament 1

Product family datasheet

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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.