

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	Electrical data				Photometrical data		Dimensions & weight
	Power input	Nominal voltage	Nominal wattage	Test voltage	Luminous flux	Luminous flux tolerance	Diameter
COOL BLUE INTENSE (NEXT GEN) H1	68 W ¹⁾	12.0 V	55.00 W	13.2 V	1550 lm	±15 %	9 mm
COOL BLUE INTENSE (NEXT GEN) H4	75 / 68 W ¹⁾	12.0 V	60/55 W	13.2 V	1650/1000 lm	±15 % / ±15 %	13.0 mm
COOL BLUE INTENSE (NEXT GEN) H7	58 W ¹⁾	12.0 V	55.00 W	13.2 V	1500 lm	±10 %	12.0 mm
COOL BLUE INTENSE (NEXT GEN) H8	43 W ¹⁾	120 V	35.00 W	13.2 V	800 lm	±15 %	1200 mm
COOL BLUE INTENSE (NEXT GEN) H11	62 W ¹⁾	120 V	5500 W	13.2 V	1350 lm	±10 %	1200 mm
COOL BLUE INTENSE (NEXT GEN) H15	19 / 64 W ¹⁾	132 V	15/55 W	13.2 V	260/1350 lm	±10 / ±10 %	1300 mm
COOL BLUE INTENSE (NEXT GEN) HB3	73 W ¹⁾	120 V	6000 W	13.2 V	1860 lm	±12 %	1200 mm
COOL BLUE INTENSE (NEXT GEN) HB4	62 W ¹⁾	120 V	5100 W	13.2 V	1095 lm	±15 %	1200 mm
COOL BLUE INTENSE (NEXT GEN) HIR2	63 W ¹⁾	120 V	5500 W	13.2 V	1875 lm	±15 %	1130 mm

Product description	Lifespan		Certificates & standards	Country specific categorizations	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
	Lifespan B3	Lifespan Tc	ECE category	Order reference	Date of Declaration	Primary Article Identifier
COOL BLUE INTENSE (NEXT GEN) H1	150 h	250 h	H1	64150CBN	07-03-2024	4006584771509 4058075520356 4062172214964 4062172216449 4062172216425 4062172251662 4062172173681 4062172388061 4062172395403 4058075520332
COOL BLUE INTENSE (NEXT GEN) H4	50 / 200 h ²⁾	100 / 400 h ²⁾	H4	64193CBN	07-03-2024	4006584763849 4062172149334 4062172149297 4062172159302 4062172251686 4055462372505 4062172387415 4062172395625

Product family datasheet

	Lifespan		Certificates & standards	Country specific categorizations	Environmental information Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Product description	Lifespan B3	Lifespan Tc	ECE category	Order reference	Date of Declaration	Primary Article Identifier
COOL BLUE INTENSE (NEXT GEN) H7	100 h	200 h	H7	64210CBN	08-03-2024	4062172149358 4062172149310 4062172159326 4062172251709 4055462372529 4062172269209 4062172387538 4062172395038
COOL BLUE INTENSE (NEXT GEN) H8	250 h	500 h	H8	64212CBN	07-03-2024	4062172214988 4062172215480 4062172387750
COOL BLUE INTENSE (NEXT GEN) H11	100 h	200 h	H11	64211CBN	07-03-2024	4062172213431 4062172214940 4062172387651
COOL BLUE INTENSE (NEXT GEN) H15	1000 / 100 h	2000 / 200 h	H15	64176CBN	07-03-2024	4062172215008 4062172215527 4062172215503 4062172387811
COOL BLUE INTENSE (NEXT GEN) HB3	110 h	220 h	HB3	9005CBN	07-03-2024	4062172215022 4062172215602 4062172388269
COOL BLUE INTENSE (NEXT GEN) HB4	270 h	500 h	HB4	9006CBN	07-03-2024	4062172215046 4062172215626 4062172388306
COOL BLUE INTENSE (NEXT GEN) HIR2	130 h	330 h	HIR2	9012CBN	07-03-2024	4062172215572 4062172215558

Product description	Candidate List Substance 1	Declaration No. in SCIP database
COOL BLUE INTENSE (NEXT GEN) H1	No declarable substances contained	In work
COOL BLUE INTENSE (NEXT GEN) H4	No declarable substances contained	In work
COOL BLUE INTENSE (NEXT GEN) H7	No declarable substances contained	In work
COOL BLUE INTENSE (NEXT GEN) H8	No declarable substances contained	In work
COOL BLUE INTENSE (NEXT GEN) H11	No declarable substances contained	In work
COOL BLUE INTENSE (NEXT GEN) H15	No declarable substances contained	In work
COOL BLUE INTENSE (NEXT GEN) HB3	No declarable substances contained	In work
COOL BLUE INTENSE (NEXT GEN) HB4	No declarable substances contained	In work
COOL BLUE INTENSE (NEXT GEN) HIR2	No declarable substances contained	In work

Product family datasheet

1) Maximum

2) Filament 1

Download Data

File	
	360 Degree Image COOL BLUE INTENSE H1 64150CBN
	360 Degree Image COOL BLUE INTENSE H4 64193CBN
	360 Degree Image COOL BLUE INTENSE H7 64210CBN
	360 Degree Image COOL BLUE INTENSE H8 64212CBN
	360 Degree Image COOL BLUE INTENSE H11 64211CBN
	360 Degree Image COOL BLUE INTENSE H15 64176CBN
	360 Degree Image ZMP_4062590
	360 Degree Image ZMP_4062590
	360 Degree Image ZMP_4062590

Application advice

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

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