

# SCULPTOR 2

The Sculptor 2 combines five functions into one combination LED headlight – DRL, low beam, high beam, direction indicator and position light. Featuring a mix of carefully chosen parts and masterfully designed functions, the result is a headlight with excellent features that will stand the test of time. The expertly designed optics enable superb near-field illumination. The low beam will let you see what's up close – obstacles, people, other vehicles and the road ahead. The integrated DRL offers maximum daytime visibility and safety on and off the road. It's time to maximize safety and productivity with Sculptor 2.



Not all products are available in all markets. During continuous improvement specifications and design are changing. All values are nominal values. Illustrations do not necessarily show the design of every version and some features are version specific. The lumens output varies depending on lens colour.

## TECHNICAL DATA

Colour Temperature	5700 K	Body / Housing	Aluminum, Polyamid
Nominal Voltage DC	12 V 24 V	Weight	2.5 kg
Input Voltage DC	9 - 32 V	IP Rating	IP68, IP6K9K
Power Consumption 12 / 24V	High Beam 57.5W, Low Beam 38.5W, Position Light 4.0W, DRL 17.5W, Direction Indicator 21W	Salt Spray Test	ISO 9227 240H
Nominal Current at	High Beam 2.4A@ 24V / 4.8A@12V, Low Beam 1.6@24V / 3.2A@12V, Position Light 0.15A@24V / 0.3A@12V, DRL 0.6A@24V / 1.2A@12V, Direction Indicator 0.88A@24V / 1.75A@12V	EMC	CISPR 25 Class 5, ISO 13766, ISO 14982, ISO 7637-2, ECE R10, ISO 11452, ISO 10605, ISO 16750, EN 61000-4-2
Connector	Built-in Deutsch DT-6 (6-pin)	ECE Approvals	Passing beam: ECE R149 (Class B) Driving beam: ECE R149 (Class B) Position light: ECE R148 (Symbol A) DRL: ECE R148 (Symbol RL) Direction indicator: ECE R148 [Symbol 1B (front) & symbol 5 (side)]
Mount	Single Bolt M10	Operating Temperatures	-40°C... +85°C (Overheat protected)
Shock	30G	Electronics	Isolated
Vibration	9.88Grms 24-1000Hz		

Lens

Glass

Part Numbers

LHT Left: 960-512, LHT Right:  
960-511, RHT Right: 960-509,  
RHT Left: 960-510

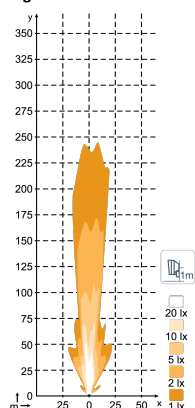
## CONNECTORS

## KEY FEATURES

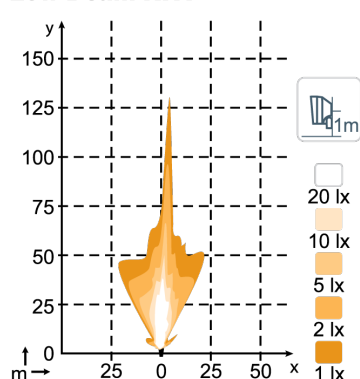
- 5-in-1 combination LED headlight
- Excellent near-field illumination
- Integrated Daytime Running Light (DRL)

## LIGHT PATTERNS

**Sculptor 2**  
High Beam RHT



**Sculptor 2**  
Low Beam RHT



## DRAWINGS

