



BRIEF INFORMATION

Ø 175 mm multi-function light in 12 V
2VA 012 497-...

- Tail light, brake light and direction indicator with triangular or standard reflex reflector
- Bulbs and LED hybrid version
- ECE and SAE approvals
- Variants for trailers and self-propelled machines
- Simple conversion of bulb to LED for taillight /stop lamp function

PRODUCT FEATURES

Details / benefits:

- Homogeneous appearance of the lamp and clearly structured light functions
- Lower storage costs because the right and left lamps are identical
- The LED module is available on the market as an individual spare part
- Simple LED module upgrade far from the garage
- LED hybrid version: Economically attractive use of LED technology for the permanent light function of the taillight and the stop lamp. This also promotes traffic safety because vehicles and trailers can be spotted more quickly and easily

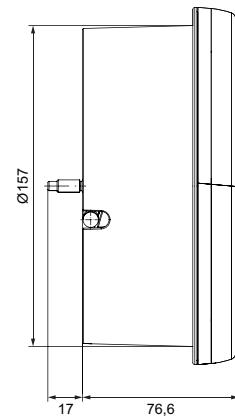
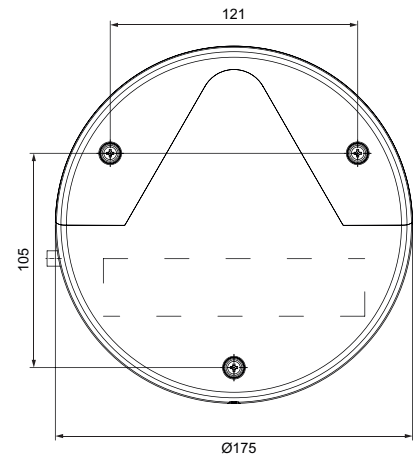
Variants:

- Different lens optics for SAE and ECE applications
- Various active reflex reflector surfaces for trailers and self-propelled machines
- Electrical connection via 6.3 mm flat receptacle or 4-pole AT Amphenol connector

TECHNICAL DETAILS

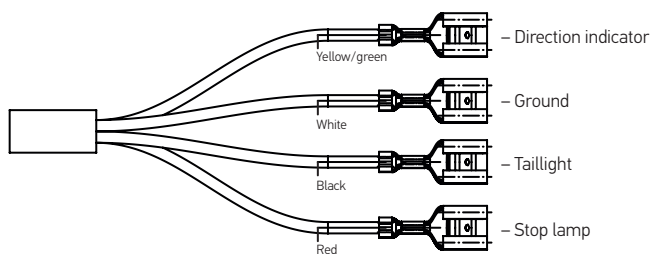
Technical Data	LED hybrid	Bulb
Operating voltage	12 V	12 V
ECE type approval	E24 5888	E24 5887
SAE type approval	THK 267 SAE AIST 14 DOT	THK 267 SAE AIST 14 DOT
Power consumption		
Taillight	0.25 W (6 LEDs)	5 W
Stop lamp	2.45 W (6 LEDs)	21 W
Direction indicator	21 W	21 W
Specification	HN 67101 Class 7.2 Agro	
Lamp dimensions	Ø 175 mm* 76.6 mm	
Operating temperature	-40°C to +50°C	
IP protection class	Lamp: IP 5K4K LED module: IP 6K9K	
Fixing	M6 stud bolts, hole spacing: 45 mm	

Dimensional sketch

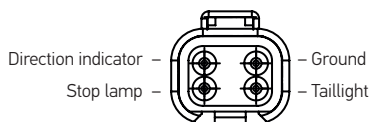


Contact assignment

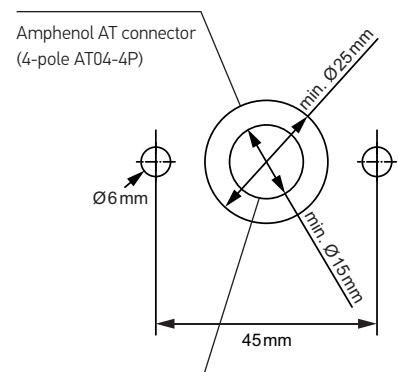
6.3 mm flat receptacle



Mating connector: Amphenol AT06-4S
alternatively: Deutsch connector DT06-4S



Hole pattern

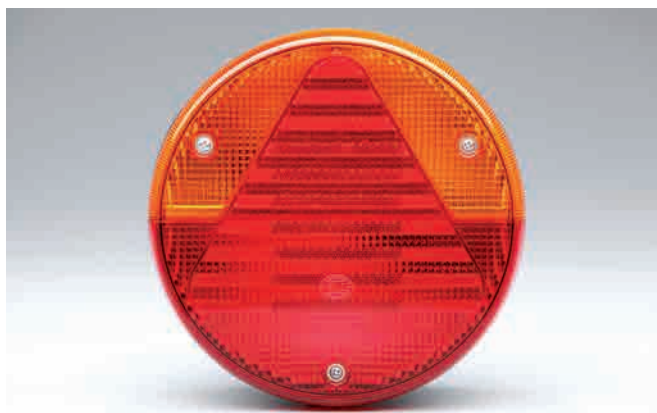


For 6.3 mm flat receptacle

SIMPLE CONVERSION

from bulb to LED hybrid

In just 6 steps, you can take advantage of the benefits of LEDs for taillight and stop lamp functions:



Basic lamp: All light functions make use of conventional bulbs



Step 1: Remove the lens by loosening the fastening screws



Step 2: Remove the colored partition



Step 3: Loosen the flat receptacles from the contacts and remove the bulb together with the bulb holder



Step 4: Connect the LED module and flat receptacles.
Please observe the correct pin assignment and sequence:
Black = taillight
Red = stop lamp
White = ground



Step 5: First, reinsert the coloured partition and then fasten the LED module using 2 screws

Step 6 (not illustrated): Reattach the lens

RANGE OVERVIEW



--- Active reflex reflector surface

2VA 012 497	-001	-011	-051	-061	-101	-111	-151	-161	-201	-211	-251	-261
ECE	X	X	X	X	X	X	X	X	-	-	-	-
SAE	-	-	-	-	-	-	-	-	X	X	X	X
Triangular reflex reflector	X	X	X	X	-	-	-	-	-	-	-	-
Standard reflex reflector	-	-	-	-	X	X	X	X	X	X	X	X
Bulb-based version	X	X	-	-	X	X	-	-	X	X	-	-
LED hybrid version	-	-	X	X	-	-	X	X	-	-	X	X
6.3 mm flat receptacle (cable length: 800 mm)	X	-	X	-	X	-	X	-	X	-	X	-
4-pole Amphenol AT connector (cable length: 250 mm)	-	X	-	X	-	X	-	X	-	X	-	X

Accessories:

9DW 209 487-001 LED module for taillight/stop lamp including screws for converting bulbs lamps

Spare parts:

9EL 209 476-001 Lens with ECE triangular reflex reflector including screws

9EL 209 476-011 Lens with ECE standard reflex reflector including screws

9EL 209 476-041 Lens with SAE standard reflex reflector including screws

8GD 002 078-121 P21 / 5 W, 12 V bulb for taillight/stop lamp

8GA 002 073-121 P21 W, 12 V bulb for direction indicator