



AUER SIGNAL SERIES 50 SMART DOT BEACON

SD50-GYR and SD50-MC7

SD50-GR
SD5B2 Smart Dot 50 Basic Beacon Green/Red

- High brightness, colour brilliance and energy efficiency
- Excellent homogeneous and flexible colour signalling
- Multiple animation modes
- Smart Protection



PRODUCT DESCRIPTION

The SD50-GYR is a compact tricolour beacon engineered for industrial environments requiring reliable and clear signaling. It delivers green, yellow, and red light outputs with five configurable animation modes: steady, flash, colour alternation, high intensity beat, and steady ECO. It features Smart Protection capabilities including active inrush current limitation and thermal control for increased durability and efficiency. With an IP66, IP67, IP69, and IP69K-rated enclosure, it resists water, dust, and high-pressure cleaning, and operates within a broad temperature range of -40°C to +70°C. The unit installs via an M22 threaded mount and M12 pin plug, weighs just 48g, and is optimised for seamless integration in tight spaces.

The SD50-MC7 builds on the same platform but offers seven colour options—red, yellow, green, blue, magenta, turquoise, and white—enabling more comprehensive and flexible status indication from a single device. It retains the same five animation modes and Smart Protection features, including thermal regulation and inrush current control. With the same IP-rated enclosure and temperature tolerance, it is equally suitable for harsh industrial settings. Its lightweight, compact form factor and plug-and-play connectivity make it ideal for complex automation systems where space efficiency and multi-status signaling are key.

TECHNICAL DATA

GENERAL DATA

Lens colour	White
Light type	Green LED, Red LED
Light source	LED
Housing Colour	Black

RATED OPERATING CONDITIONS

Nominal Supply Voltage	18-30 V DC
Lamp power	1.45 W
Operational temperature	-40 °C - +70 °C

DIMENSIONS

Height	65 mm
Diameter	50 mm
Width	50 mm
Weight	47 g

ADDITIONAL DATA

IP class	IP66, IP67, IP69, IP6K9K
IK class	8
Supply voltage dc max	30 V DC
Supply voltage dc min	18 V DC
Temperature operational min	-40 °C
Temperature operational max	70 °C
Life span	60000 h