

# SD50 Smart Dot 50 Basic Daylight

- Enormous brightness, color brilliance and energy efficiency optimized for operation in daylight conditions
- Excellent and flexible signaling with up to 3 colors
- Up to 10 animations: steady, flash, beat, multiflash, color-alternation, high intensity beat and ECO modes
- Active Thermal Control & Active Inrush Current Control
- Nominal voltage 18-30 V DC



## TECHNICAL DATA

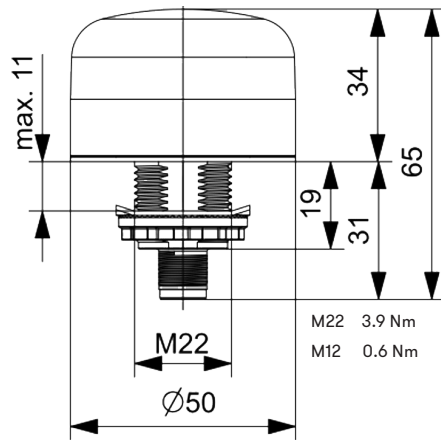
Housing	UV-stabilized Polycarbonate (black)
Lens	UV-stabilized Polycarbonate, ribbed inside
Type of mounting	M22 mounting with 5-pin plug M12 connector
Nominal power [24V]	up to 1,45 W
Inrush current	0,5 A
Leakage current resistance	1 mA
Power up time	10 ms
Beacon type	Multifunction beacon
Light source	LED
Duty cycle	0 ... 100 %
Service life	60.000 h

Operating temperature	-40 °C / +70 °C
Degree of protection	IP66 / IP67 / IP69 / IP69K / IP6K9K & UL Type 4/4X
Impact resistance	IK08
Shock vibration resistance	- IEC 60068-2-6 (Vibration: 10 Hz to 55 Hz, 1.0 mm amplitude, 5 minutes sweep, 30 minutes dwell) - IEC 60068-2-27 (Shock: 30G 11 ms duration, half sine wave) - MIL-STD-202F, Method 201A (Vibration: 10 Hz to 60 Hz maximum, 0.06 inch [1.52 mm] double amplitude, 10G maximum acceleration) - IEC 60947-5-2 (Shock: 30G 11 ms duration, half sine wave)
Weight	47 g (mono/bicolor), 48 g (tricolor)



# SD5B

## DIMENSION DRAWING



## ORDER DATA SMART DOT 50 DAYLIGHT

Type	Part number	Feature Line	Colors	Housing Color
SD5BD1	SD50-G-DL	Basic	Green	Black
SD5BD1	SD50-R-DL	Basic	Red	Black
SD5BD1	SD50-A-DL	Basic	Amber	Black
SD5BD1	SD50-B-DL	Basic	Blue	Black
SD5BD1	SD50-W-DL	Basic	White	Black
SD5BD2	SD50-GR-DL	Basic	Green/Red	Black
SD5BD2	SD50-GA-DL	Basic	Green/Amber	Black
SD5BD2	SD50-GW-DL	Basic	Green/White	Black
SD5BD2	SD50-AW-DL	Basic	Amber/White	Black
SD5BD3	SD50-GAR-DL	Basic	Green/Amber/Red	Black



## ACCESSORIES

Type	Part number	Type of accessory
SA5B	SA50B90	M22 bracket 90° stainless steel
SA5BF	SA50BF	M22 bracket flat stainless steel
SA5QM	SA50-QM100	M22 quick foot mount 100 mm
SA5QM	SA50-QM250	M22 quick foot mount 250 mm
SA5QM	SA50-QM400	M22 quick foot mount 400 mm
SA5MR	SA50-MR100	M22 retrofit foot mount 100 mm
CM12	CM12-5-A-05	Sensor cable, 5 pin, free cable end, on socket straight M12, coding: A, cable length: 0,5 m
CM12	CM12-5-A-1	Sensor cable, 5 pin, free cable end, on socket straight M12, coding: A, cable length: 1,0 m
CM12	CM12-5-A-2	Sensor cable, 5 pin, free cable end, on socket straight M12, coding: A, cable length: 2,0 m