

SD50 Smart Dot 50 Basic Daylight

- Exceptional brightness, vivid color output, and energy efficiency optimized for daylight visibility
- Flexible signaling with up to three 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

Polarity	PNP/NPN
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)



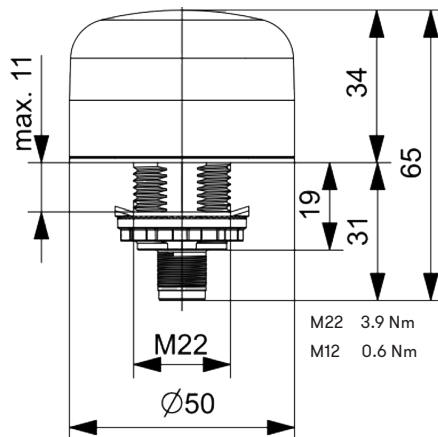
PRODUCT COMPARISON SMART DOT 50 DAYLIGHT

Type	SD5BD1	SD5BD2	SD5BD3
Colors	1 color Green, Amber, Red, Blue, White	2 colors Green/White, Green/Amber, Amber/White, Green/Red	3 colors Green/Amber/Red
Candela*	Green: 43 Cd Amber: 36 Cd Red: 15 Cd Blue: 6,5 Cd White: 40 Cd	Green: 43 Cd Amber: 36 Cd Red: 15 Cd Blue: 6,5 Cd White: 40 Cd	Green: 43 Cd Amber: 36 Cd Red: 15 Cd Blue: 6,5 Cd White: 40 Cd
Number of animation modes	10 animation modes	7 animation modes	5 animation modes
Animation modes	Steady, flash, beat, multiflash, high intensity beat, steady ECO, falsh ECO, beat ECO, multiflash ECO, high intensity beat ECO	steady, flash, color alternation, beat, multiflash, high intensity beat, steady ECO	steady, flash, color alternation, high intensity beat, steady ECO

* thermisch stabilisiert bei Raumtemperatur

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	Order 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	Sensorcable, 5 pin, free cable end, on socket straight M12, coding: A, cable length: 0,5 m
CM12	CM12-5-A-1	Sensorcable, 5 pin, free cable end, on socket straight M12, coding: A, cable length: 1,0 m
CM12	CM12-5-A-2	Sensorcable, 5 pin, free cable end, on socket straight M12, coding: A, cable length: 2,0 m
SA5MV	SA50-MV100	Wall mount 100 mm
SA5T	SA50-TLP	Mounting tulip