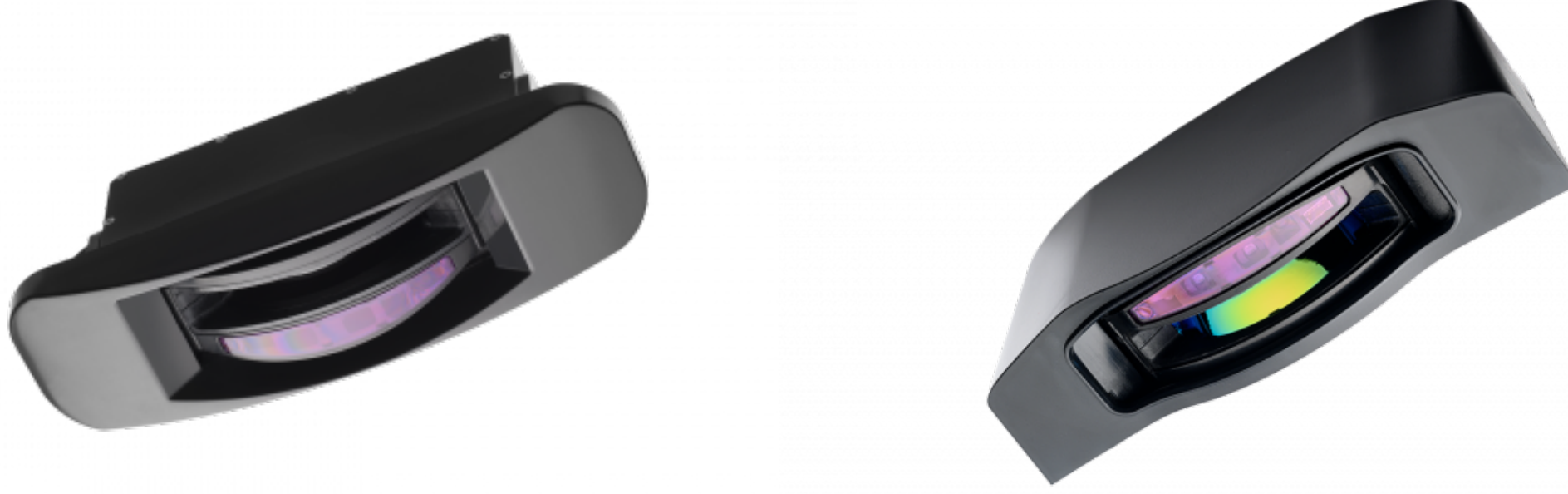


# BEA LZR®-FLATSCAN REV-PZ



## TABLE OF SPECIFICATIONS

<b>TECHNOLOGY:</b>	LASER scanner, time-of-flight measurement
<b>DETECTION MODE:</b>	Presence
<b>MAX. DETECTION RANGE:</b>	4m ( diagonal ) with reflectivity of 5% 5m ( diagonal ) with reflectivity of 8%
<b>OPENING ANGLE:</b>	90°
<b>ANGULA RESOLUTION:</b>	0.23° ( 400 spots within 90°)
<b>TESTBODY:</b>	700 mm × 300 mm × 200 mm (testbody CA) according to EN 16005 & DIN 18650, <4m; 50mm cylinder CB testbody according DIN18650 <3.5m height
<b>EMISSION CHARACTERISTICS:</b>	Wavelength 905 nm; max. output pulse power 25 W (Class 1)
<b>IR LASER:</b>	Wavelength 650 nm; max. output CW power 3 mW (CLASS 3R) visible spots
<b>SUPPLY VOLTAGE:</b>	12-24V DC ± 15%
<b>POWER CONSUMPTION:</b>	≤ 2.3 W
<b>RESPONSE TIME:</b>	max. 90 ms
<b>OUTPUT:</b>	1 optocoupler ( galvanic isolation - polarity free ) Max. switching voltage: 42V AC/ 60V DC Max. switching current: 100 mA 1 Relay ( free of potential change-over contact ) Max. contact voltage: 60V AC / 125V DC Max. contact current: 1.0A ( resistive ) Max. switching power: 30W ( DC ) / 60VA ( AC )
<b>LED-SIGNALS:</b>	1 bi-colored LED: detection/ output status
<b>DIMENSIONS:</b>	178 mm (L) × 85 mm (H) × 53 mm (D)
<b>MATERIAL-COLOUR:</b>	PC/ABS - Black
<b>TILT ANGLES:</b>	0° ~ +5°
<b>PROTECTION DEGREE:</b>	IP54 (EN 60529)
<b>TEMPERATURE RANGE:</b>	-30°C to +60°C if powered
<b>HUMIDITY:</b>	0-95% non-condensing
<b>VIBRATIONS:</b>	< 2 G
<b>NORM CONFORMITY:</b>	EN 12978; EN ISO 13849-1 PI "d"/ CAT2; IEC 60825-1; EN 60950-1; EN 61000-6-2; EN 61000-6-3; EN 62061 SIL 2; DIN 18650-1 Chapter 5.7.4 ( testbody CA & testbody CB ); EN16005 Chapter 4.6.8 ( testbody CA ) Specifications

Specifications are subject to changes without prior notice – Measured in specific conditions.