Panorama 50 mm / 54 mm

Mirror

REFLECTORS AND OPTICS

SICK
Sensor Intelligence.

Panorama 50 mm / 54 mm | Mirror

Ordering information

Type	part no.
Panorama 50 mm / 54 mm	2076623

Other models and accessories ➜ www.sick.com/Mirror

Detailed technical data

Classifications

ECLASS 5.0	27279207
ECLASS 5.1.4	27279207
ECLASS 6.0	27279207
ECLASS 6.2	27279207
ECLASS 7.0	27279207
ECLASS 8.0	27279207
ECLASS 8.1	27279207
ECLASS 9.0	27273605
ECLASS 10.0	27273605
ECLASS 11.0	27273605
ECLASS 12.0	27273605
ETIM 5.0	EC002467
ETIM 6.0	EC002467
ETIM 7.0	EC002467
ETIM 8.0	EC002467
UNSPSC 16.0901	39111827

Certificates

China RoHS	✓

Dimensional drawing
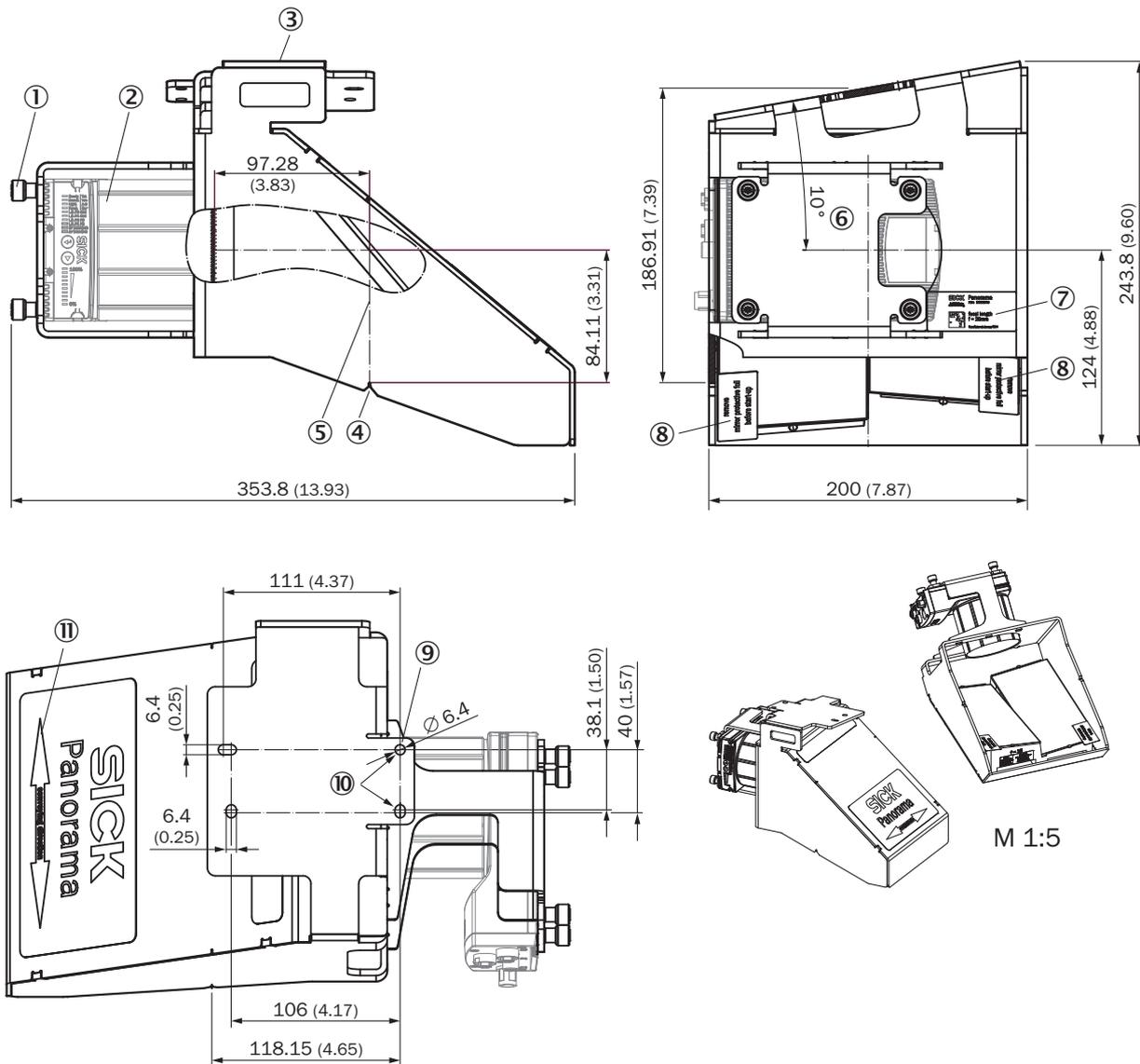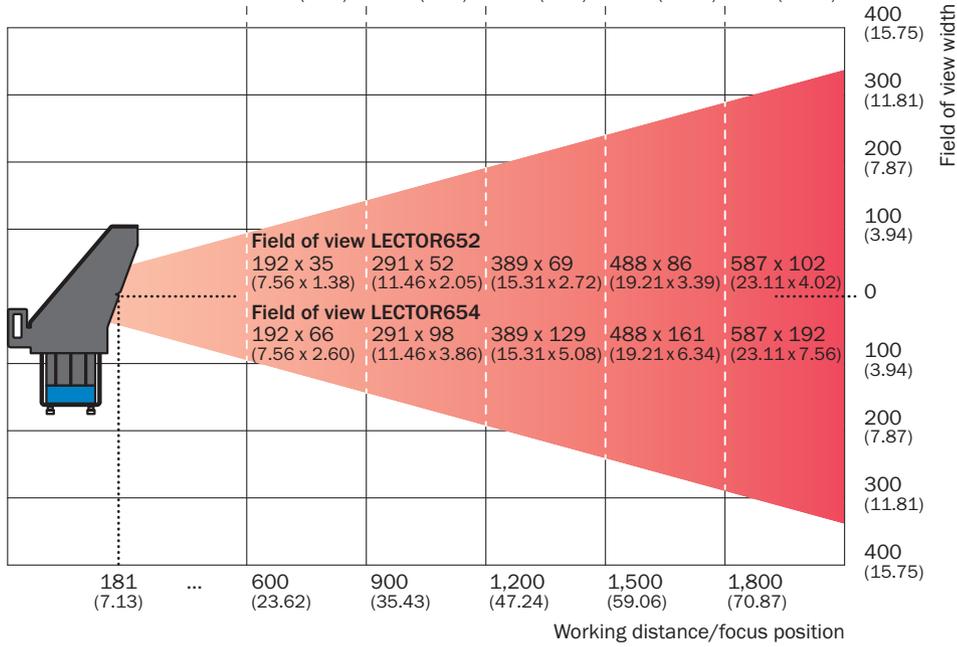
Dimensions in mm (inch)
① pre-mounted fixing screws for Lector
② Lector, not included with delivery
③ measuring point for working distance
④ notch for centrally aligning field of view width
⑤ Optical axis
⑥ skew angle of 10°, determined by the mirror hood
⑦ type label
⑧ mirrors with protective film and information label "Do not remove protective
⑧ film until immediately before commissioning"
⑨ fixing holes for mirror hood (4x)
⑩ fixing holes for mirror hood for side reading
⑪ 'Conveying direction' arrow for aligning the mirror hood with the belt

Field of view Lector65x Dynamic Focus with Panorama 54 mm
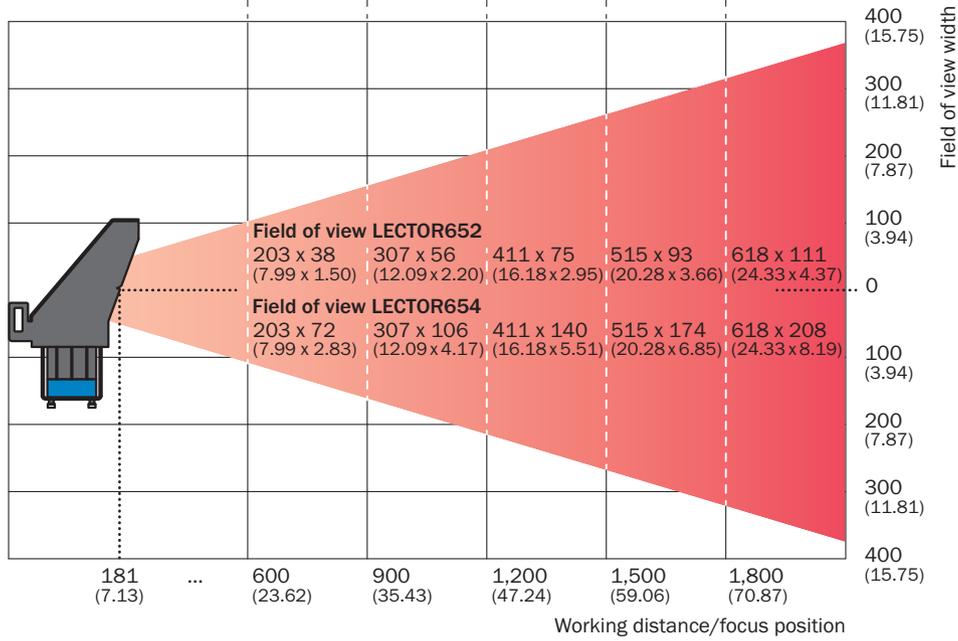
Dimensions in mm (inch/*mil)

	35 (1.38)	52 (2.05)	68 (2.68)	85 (3.35)	102 (4.02)
Max. code size	35 (1.38)	52 (2.05)	68 (2.68)	85 (3.35)	102 (4.02)
Min. resolution 1D-Code	0.10 (*3.8)	0.14 (*5.7)	0.19 (*7.4)	0.24 (*9.3)	0.28 (*11.1)
Min. resolution 2D-Code	0.13 (*5.1)	0.19 (*7.5)	0.25 (*9.9)	0.31 (*12.4)	0.37 (*14.8)

Field of view LECTOR652

192 x 35	291 x 52	389 x 69	488 x 86	587 x 102
(7.56 x 1.38)	(11.46 x 2.05)	(15.31 x 2.72)	(19.21 x 3.39)	(23.11 x 4.02)

Field of view LECTOR654

192 x 66	291 x 98	389 x 129	488 x 161	587 x 192
(7.56 x 2.60)	(11.46 x 3.86)	(15.31 x 5.08)	(19.21 x 6.34)	(23.11 x 7.56)

Field of view width: 400 (15.75), 300 (11.81), 200 (7.87), 100 (3.94), 0, 100 (3.94), 200 (7.87), 300 (11.81), 400 (15.75)

Working distance/focus position: 181 (7.13) … 600 (23.62), 900 (35.43), 1,200 (47.24), 1,500 (59.06), 1,800 (70.87)

Field of view, Lector65x Flex with Panorama 50 mm

Dimensions in mm (inch/*mil)

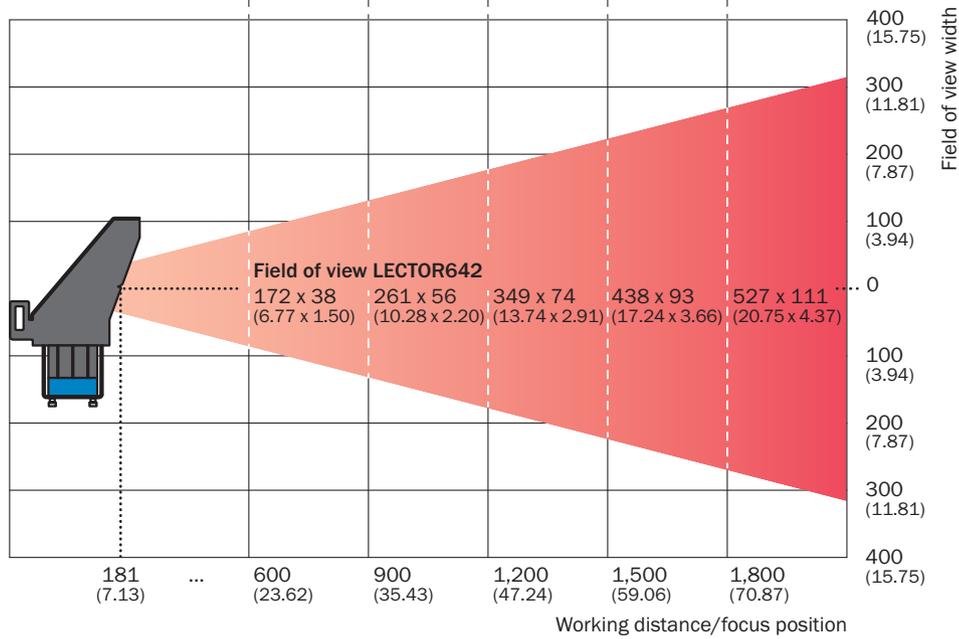|	72 (2.83)	105 (4.13)	133 (5.24)	162 (6.38)	190 (7.48)
Max. code size	72 (2.83)	105 (4.13)	133 (5.24)	162 (6.38)	190 (7.48)
Min. resolution 1D-Code	0.11 (*4.1)	0.16 (*6.1)	0.20 (*8.1)	0.25 (*10.0)	0.30 (*12.0)
Min. resolution 2D-Code	0.14 (*5.5)	0.21 (*8.2)	0.27 (*10.8)	0.34 (*13.4)	0.41 (*16.0)

Field of view LECTOR652

203 x 38	307 x 56	411 x 75	515 x 93	618 x 111
(7.99 x 1.50)	(12.09 x 2.20)	(16.18 x 2.95)	(20.28 x 3.66)	(24.33 x 4.37)

Field of view LECTOR654

203 x 72	307 x 106	411 x 140	515 x 174	618 x 208
(7.99 x 2.83)	(12.09 x 4.17)	(16.18 x 5.51)	(20.28 x 6.85)	(24.33 x 8.19)

Field of view width

400 (15.75)
300 (11.81)
200 (7.87)
100 (3.94)
0
100 (3.94)
200 (7.87)
300 (11.81)
400 (15.75)

181 (7.13)	...	600 (23.62)	900 (35.43)	1,200 (47.24)	1,500 (59.06)	1,800 (70.87)

Working distance/focus position

Field of view, Lector642 Flex with Panorama 50 mm

Dimensions in mm (inch/*mil)

Max. code size	35 (1.38)	55 (2.17)	70 (2.76)	85 (3.35)	100 (3.94)
Min. resolution 1D-Code	0.11 (*4.2)	0.15 (*6.1)	0.21 (*8.1)	0.26 (*10.1)	0.30 (*12.0)
Min. resolution 2D-Code	0.14 (*5.5)	0.21 (*8.1)	0.27 (*10.8)	0.34 (*13.5)	0.41 (*16.0)

Field of view LECTOR642

	172 x 38	261 x 56	349 x 74	438 x 93	527 x 111
	(6.77 x 1.50)	(10.28 x 2.20)	(13.74 x 2.91)	(17.24 x 3.66)	(20.75 x 4.37)

Field of view width

400 (15.75)
300 (11.81)
200 (7.87)
100 (3.94)
0
100 (3.94)
200 (7.87)
300 (11.81)
400 (15.75)

| 181 (7.13) | ... | 600 (23.62) | 900 (35.43) | 1,200 (47.24) | 1,500 (59.06) | 1,800 (70.87) |

Working distance/focus position

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is "Sensor Intelligence."

WORLDWIDE PRESENCE:

Contacts and other locations –**www.sick.com**

SICK AG | Waldkirch | Germany | www.sick.com

SICK
Sensor Intelligence.