

SWARCO

# FUTURA

TRAFFIC SIGNAL



## CLIMATE PROTECTION IN THE FORM OF TRAFFIC LIGHTS

FUTURA's slim and elegant design will change the look of urban landscapes around the globe. At the same time FUTURA offers a new level of efficiency and environmental respect. Choosing FUTURA makes you contribute to the reduction of CO<sub>2</sub> emissions from product manufacture and energy production. FUTURA is the world's first traffic signal developed under eco-design principles and sets a new level in 21st century traffic signalling.

### KEY BENEFITS

- FUTURLED optic for maximum energy efficiency
- Light field diameter 200 or 300 mm
- Developed under eco-design principles
- Sustainable reduction of CO<sub>2</sub> emissions
- Different colours and colour combinations
- Optimized strength and stability
- Vertical and horizontal installation
- Extremely light construction
- Elegant and modern design



FUTURA MINI

100 mm



FUTURA

200 mm



FUTURA

300 mm

## TECHNICAL DETAILS

<b>Material</b>	UV-stabilized polycarbonate
<b>Diameters, Mounting</b>	100 / 200 / 300 mm   1-4 chambers; vertical oder horizontal
<b>IP protection</b>	IP55
<b>Impact resistance</b>	IR3
<b>Temperature</b>	-40°C to +60°C
<b>Protection class</b>	SK II (je nach Ausführung)
<b>LED-Optic</b>	100 / 200 / 300 mm LED modules FUTURLED6
<b>Two-point fixing</b>	<ul style="list-style-type: none"> <li>■ 70 / 175 mm brackets (polycarbonate); optional: 105 / 183 / 240 mm aluminium</li> <li>■ fixing for ironflats or on cantilever bracket</li> <li>■ M8 / M12 Aufhängung</li> </ul>
<b>Backing boards</b>	<ul style="list-style-type: none"> <li>■ aluminium backing board with bracket mountable</li> </ul>
<b>Housing / front colours</b>	<ul style="list-style-type: none"> <li>■ RAL 9005 black / RAL 9005 black</li> <li>■ RAL 6009 fir-green / RAL 6009 fir-green</li> <li>■ RAL 7001 silver-gray / RAL 9005 black</li> <li>■ RAL 7032 light grey / RAL 9005 black</li> <li>■ RAL 6009 fir-green / RAL 9005 black</li> <li>■ RAL 2000 yellow-orange / RAL 9005 black</li> </ul>
<b>Certificates</b>	EN12368, CE

### HEIGHT X

100 mm	1 aspect	2 aspects	3 aspects	4 aspects
<b>PC 70</b>	309 +/- 14	444 +/- 14	579 +/- 13	714 +/- 13
200 mm	1 aspect	2 aspects	3 aspects	4 aspects
<b>PC 70</b>	440 +/- 13	700 +/- 12	960 +/- 11	-
<b>PC 175</b>	456 +/- 7	716 +/- 6	976 +/- 6	-
<b>Alu 105 / 183 / 240</b>	447 +/- 16	707 +/- 15	967 +/- 15	1227 +/- 15
300 mm	1 aspect	2 aspects	3 aspects	4 aspects
<b>PC 70</b>	530 +/- 13	880 +/- 12	1230 +/- 11	-
<b>PC 175</b>	546 +/- 7	896 +/- 6	1246 +/- 6	-
<b>Alu 105 / 183 / 240</b>	537 +/- 16	887 +/- 15	1237 +/- 15	1587 +/- 15

