



COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =

FUTURA

LED TRAFFIC SIGNAL

FUTURA: ECO-DESIGNED LED TRAFFIC SIGNAL

FUTURA is the world's first traffic signal developed under eco-design principles and sets a new level in 21st century traffic signalling.

FUTURA: BEAUTIFUL – ECONOMICAL – ENVIRONMENTALLY FRIENDLY

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 CO2 emissions from product manufacture and energy production. Move the green way with us.

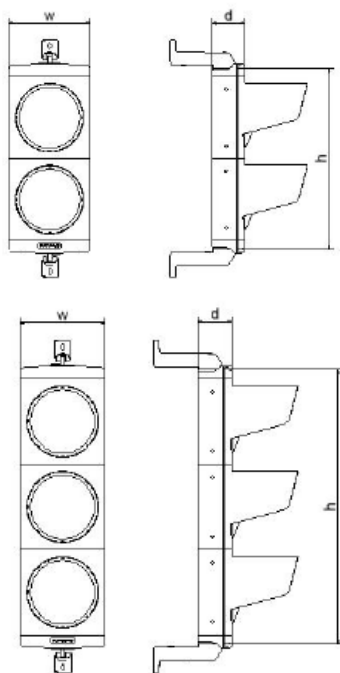
BENEFITS

When you choose FUTURA you get the first polycarbonate traffic signal head purely designed for LED technology.

- FUTURLED optic ensures highest energy efficiency
- Optically appealing and modern appearance
- Slim design perfectly fits into historical urban areas
- Available in \varnothing 100 / 210 / 300 mm
- Optimized strength and stability
- Cannot be opened by unauthorized persons
- Available in different colours and colour combinations
- Can be mounted vertically as well as horizontally
- Available with integrated frame to fix backing boards



TECHNICAL DETAILS



DIMENSIONS

Lens diameter	Number of aspects	W / H / D [mm]
100mm	1	160 / 202 / 95
	2	160 / 322 / 95
	3	160 / 442 / 95
210mm	1	260 / 316 / 105
	2	260 / 576 / 105
	3	260 / 836 / 105
300mm	1	350 / 406 / 140
	2	350 / 756 / 140
	3	350 / 1106 / 140

TECHNICAL DATA

Material	UV stabilized polycarbonate
Diameter	100, 210, 300 mm (100 mm signal with aluminium back to increase stability against vandalism) aspects: 1, 2, 3 as standard; more aspects on request
Optic	100 / 210 / 300mm FUTURLED
Mounting / Backing Board	two point fixing/mounting by means of brackets in different lengths of 168 mm (polycarbonate) and 105 mm, 183 mm, 240 mm (aluminium) two point fixing/mounting on cantilever bracket backing Backing Boards: fixation via basic shield

Housing colors	Black RAL 9005 Light Grey RAL 7032 Fir Green RAL 6009 Orange RAL 2000 combinations (frontside/backside) available on request
Impact resistance	acc. to EN60598-1; class IR 3 acc. to EN12368
Change of temperature	EN60068-2-14 passed
Vibration test	EN60068-2-64 passed
Damp heat test	EN60068-2-30 passed
Certified	in accordance with EN12368 CE certification obtained
Ingress protection	water- and dust-proof (IP55) – EN60529; equals class IV acc. to EN12368