



Iridium LED Mini

BGS451 ECO43--2S/740 I WSO GR

BGS451 - LED EconomyLine 4300 lm - Wide street optic

The second generation of compact Mini Iridium LED road-lighting luminaires offers a much wider scope of application thanks to a more powerful LED engine and brand new optics, which allow maximum energy savings in residential streets. Additional control devices can be fitted into the mast and communicate with the luminaire to further increase energy savings. This new generation of Mini Iridium LED also gives municipal authorities the freedom to change the atmosphere of the street thanks to the choice of different color temperatures (warm, neutral and cool white).



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Product data

• General information

Product family code	BGS451 [BGS451]
Lamp family code	ECO43 [LED EconomyLine 4300 lm]
Lamp version	2S [2nd generation, screw fixation]
Light source color	740 [740 neutral white]
Light source replaceable	true [Yes]
Driver included	true [Yes]
Protection class IEC	I [Safety class I]
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optic type	WSO [Wide street optic]
Colored frame	No [-]
Color	GR [Gray]
RAL color	No [-]
Coating	No [-]
Embedded control	No [-]
Dimmable	No [No]
Light regulation	No [-]
Photocell	No [-]
Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]
CE mark	CE [CE mark]
ENEC mark	ENEC [ENEC mark]

• Electrical

Input voltage	220-240 V [220 to 240 V]
Input frequency	50-60 Hz [50 to 60 Hz]

• Mechanical

Mounting device	60/76P [Post-top for diameter 60-76 mm]
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• Initial perform. (IEC compliant)

Init. Corr. Color Temperature	4000 [4000 K]
Init. Color Rendering Index	>80 [>80]

• Application conditions

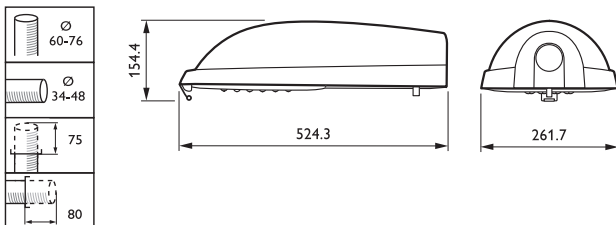
Ambient temperature range	-20 to +35°C [-20 to +35 °C]
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• Product Data

Order code	910504999318
Full product code	910504999318
Full product name	BGS451 ECO43--2S/740 I WSO GR
Order product name	BGS451 ECO43--2S/740 I WSO GR
Pieces per pack	0
Packs per outerbox	1
Bar code on outerbox - EAN3	8717943850761
Logistic code(s) - 12NC	910504999318
Net weight per piece	5.110 kg



Dimensional drawing



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data subject to change