

Component	Material	Stage of life	Emission source	kg CO2e	Share of total result
Mounting profile	Aluminium	raw material production	Aluminium	8,5865	47,97%
Casing	Recycled polycarbonate	raw material production	Recycled polycarbonate	0,2435	1,36%
Endcap closed	Recycled polycarbonate	raw material production	Recycled polycarbonate	0,0207	0,12%
Endcap with cable plug	Recycled polycarbonate	raw material production	Recycled polycarbonate	0,0148	0,08%
Endcap with snap-in	Recycled polycarbonate	raw material production	Recycled polycarbonate	0,0104	0,06%
Gasket	Silicon	raw material production	Silicon	0,0074	0,04%
Cable plug	Silicon	raw material production	Silicon	0,0059	0,03%
PT-screw	stainless steel	raw material production	stainless steel	0,0013	0,01%
Connection terminal	Polycarbonate/metal	raw material production	Polycarbonate	0,0053	0,03%
Connection terminal	Polycarbonate/metal	raw material production	Metal	0,0040	0,02%
Fastening clip	POMC	raw material production	POMC	0,0025	0,01%
LED module	Aluminium/PCB	raw material production	Aluminium/PCB	3,0029	16,77%
Solid cable 0.5mm ² siliconized	Copper/Silicon	raw material production	Copper	0,0161	0,09%
Solid cable 0.5mm ² siliconized	Copper/Silicon	raw material production	Silicon	0,0053	0,03%
Solid cable 1.5mm ² siliconized	Copper/Silicon	raw material production	Copper	0,1272	0,71%
Solid cable 1.5mm ² siliconized	Copper/Silicon	raw material production	Silicon	0,0255	0,14%
Silicone hose	Silicon	raw material production	Silicon	0,0059	0,03%
Electronics/sheet metal housing	Electronics/sheet metal	raw material production	Electronics/sheet metal	3,7534	20,97%
Mounting plate	Galvanized steel	raw material production	Galvanized steel	0,1212	0,68%
Mounting profile	Aluminium	production of the components	Extrusion of metal (generic approach)	0,7373	4,12%
Casing	Recycled polycarbonate	production of the components	Extrusion of plastics(generischer Ansatz)	0,0828	0,46%
Endcap closed	Recycled polycarbonate	production of the components	Injection moulding (generic approach)	0,3736	2,09%
Endcap with cable plug	Recycled polycarbonate	production of the components	Injection moulding (generic approach)	0,2675	1,49%
Endcap with snap-in	Recycled polycarbonate	production of the components	Injection moulding (generic approach)	0,1869	1,04%
Gasket	Silicon	production of the components	Injection moulding (generic approach)	0,0037	0,02%
Cable plug	Silicon	production of the components	Injection moulding (generic approach)	0,0018	0,01%
PT-screw	Stainless steel	production of the components	Metalworking (generic approach)	0,0019	0,01%
Connection terminal	Polycarbonate/metal	production of the components	Metalworking (generic approach)	0,0037	0,02%
Fastening clip	POMC	production of the components	Injection moulding (generic approach)	0,0019	0,01%
Solid cable 0.5mm ² Siliconised	Copper/Silicon	production of the components	Metalworking (generic approach)	0,0124	0,07%
Solid cable 1.5mm ² Siliconised	Copper/Silicon	production of the components	Metalworking (generic approach)	0,0872	0,49%
Silicone hose	Silicon	production of the components	Extrusion of plastics(generischer Ansatz)	0,0005	0,00%
Mounting plate	Galvanized steel	production of the components	Metalworking (generic approach)	0,1800	1,01%

Total CO2 emissions

17,90 kg

Article number	9109003
Power	32 W
Efficiency	147 lm/W
Color temperature	4000 K
Color index	>90
Beam angle	120 °
Protection class (IP)	65
Impact resistance	6
Lifetime L80/B50	>70.100 h
Lifetime L70/B50	>100.000 h
Warranty	5 years

