

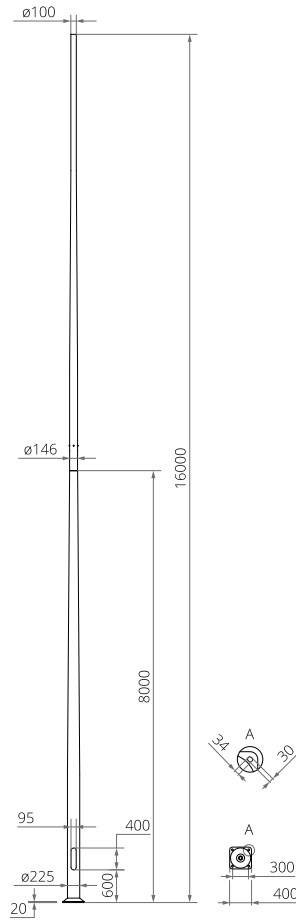
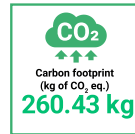
# Aluminium column MAL-16

225 mm at the base plate



## TECHNICAL DATA

<b>Anodising</b>	10 colours
<b>Luminaire mounting</b>	directly on the mast, luminaires with mounting $\varnothing 100$ mm with weight and surface parameters not exceeding the data from the strength table included in the technical data sheet
<b>Extension arm type</b>	according to resistance calculations
<b>Packing</b>	sleeve material
<b>Diameter at the base plate</b>	225 mm
<b>Finish</b>	brushed anodised aluminium - anode coating thickness is $20\mu\text{m}$ as standard (coating thickness of $25\mu\text{m}$ is also possible), option of elastomer protection up to a height of 350 mm, in a colour similar to the anode colour (other heights or colours of elastomer available according to the RAL palette at the customer's request) - the thickness of the protective coating ranges from 0.8 mm to 1.2 mm
<b>Diameter of the mast ending</b>	$\varnothing 100$ mm

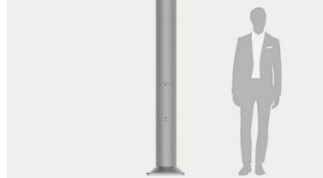


## TABLE OF VARIANTS

Code	Symbol	Height of the column [H]	Wall thickness	Unit volume	Concrete footing / reinforcement basket type	Concrete footing / reinforcement basket code	Fasteners	Net weight
42508/C...	MAL-16	16 m	5 mm	0.78 m <sup>3</sup>	B-80 / Z-80	311180 / 311208	4012	114 kg

## STRENGTH TABLE

MAL-16		Acceptable windage of single luminaire [m <sup>2</sup> ] for Cx=1				
code 42508		Vref. = 22 m/s		Vref. = 24 m/s	Vref. = 26 m/s	Vref. = 28 m/s
code of extension arm	type of extension arm	permissible weight of a single luminaire [kg]	zone I, terrain category II	zone I & III, terrain category II up to 450m a.s.l	zone II, terrain category II	zone III, terrain category II up to 755m a.s.l.
-	-	40	0,29	0,20	0,13	0,09
-	-	90	0,21	0,13	0,07	x
474010	WM-1	15	0,29	0,20	0,12	0,07
474020	WM-2	15	0,12	0,08	x	x
474210	WM-21	15	0,08	x	x	x
474030	WM-3	15	0,08	x	x	x



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## ANODISING COLOURS

