

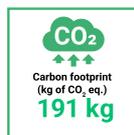
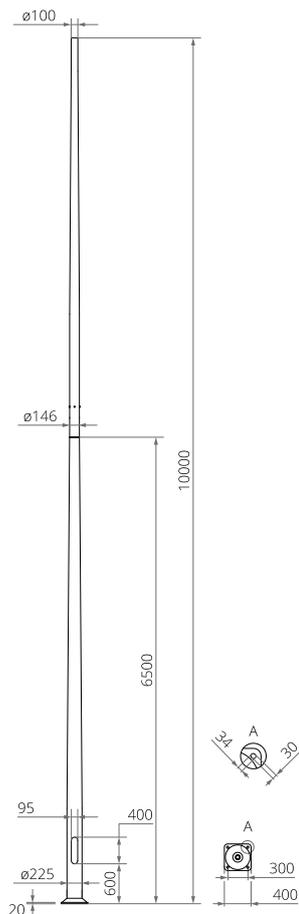
# Aluminium column MAL-10

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
42497/C...	MAL-10	10 m	5 mm	0.59 m <sup>3</sup>	B-80 / Z-80	311180 / 311208	4012	81 kg

## STRENGTH TABLE

MAL-10 code 42497		Acceptable windage of single luminaire [m <sup>2</sup> ] for Cx=1				
		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	1,68	1,41	1,18	1,03
-	-	90	1,52	1,27	1,06	0,92
475030	WRK-3	15	0,52	0,42	0,33	0,27
475040	WRK-4	15	0,38	0,30	0,24	0,19
475050	WRK-5	15	0,29	0,23	0,18	0,15
475060	WRK-6	15	0,22	0,18	0,14	0,11
474010	WM-1	15	1,75	1,46	1,21	1,05
474020	WM-2	15	0,82	0,69	0,57	0,49
474210	WM-21	15	0,78	0,65	0,53	0,45
474211	WM-21 REG	15	0,73	0,60	0,48	0,41
474030	WM-3	15	0,63	0,52	0,43	0,37
474311	WM-31 REG	15	0,40	0,32	0,24	0,20
474040	WM-4	15	0,47	0,39	0,32	0,28
474420	WM-42	15	0,36	0,29	0,24	0,20
474050	WM-5	15	0,36	0,29	0,24	0,21

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474060	WM-6	15	0,27	0,23	0,18	0,16

## ANODISING COLOURS

