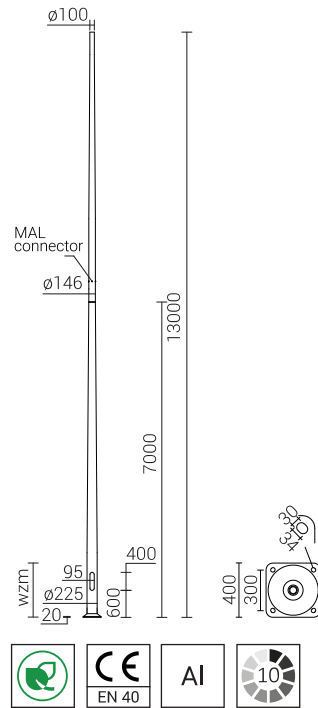


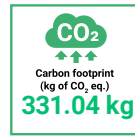
# Aluminium column MAL-13 WZM

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, option of elastomer protection in column's colour up to a height of 350 mm (other height on customer's request)
<b>Diameter of the mast ending</b>	$\varnothing 100$ mm



## TABLE OF TYPES

Code	Symbol	Height of the column [H]	Wall thickness	Unit volume	Concrete footing / reinforcement basket type	Concrete footing / reinforcement basket code	Fasteners	Net weight
42552/C...	MAL-13 wzm	13 m	5 mm	0.68 m <sup>3</sup>	B-80 / Z-80	311180 / 311208	4012	106.2 kg

## STRENGTH TABLE

MAL-13 wzm		Acceptable windage of single luminaire [m <sup>2</sup> ] for Cx=1			
code 42552		Vref. = 22 m/s	Vref. = 24 m/s	Vref. = 26 m/s	Vref. = 28 m/s
Extension arm type	Permissible weight of a single luminaire	I zone, II Field category up to	I & III zone, II Field category up to 450m by s.I	II zone, II Field category up to	III zone, II Field category up to 755m by s.I
WRK-3	15	0,41 (Cx=0,7)	0,32 (Cx=0,7)	0,21 (Cx=0,7)	0,18 (Cx=0,7)
WRK-4	15	0,36 (Cx=0,7)	0,28 (Cx=0,7)	x	0,14 (Cx=0,7)
WRK-5	15	0,27 (Cx=0,7)	0,19 (Cx=0,7)	x	x
WRK-6	15	0,17 (Cx=0,7)	0,1 (Cx=0,7)	x	x
WM-1	15	0,37	1	0,77	0,7
WM-2	15	0,53	0,45	0,34	0,31
WM-21	15	0,49	0,41	0,31	0,27
WM-21REG	15	0,46	0,38	0,29	0,24
WM-31REG	15	0,21	0,16	0,11	x
WM-3	15	0,39	0,33	0,25	0,23
WM-4	15	0,36	0,31	0,23	0,21
WM-42	15	0,3	0,24	0,16	0,14
WM-5	15	0,31	0,26	0,18	0,16
WM-6	15	0,28	0,23	0,16	0,14

MAL-13 wzm		Acceptable windage of single luminaire [m <sup>2</sup> ] for Cx=1			
code 42552		Vref. = 22 m/s	Vref. = 24 m/s	Vref. = 26 m/s	Vref. = 28 m/s
Permissible weight of a single luminaire		I zone, II Field category up to	I & III zone, II Field category up to 450m by s.I	II zone, II Field category up to	III zone, II Field category up to 755m by s.I

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225 mm at the base plate



100	0,93	0,79	0,61	0,55
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