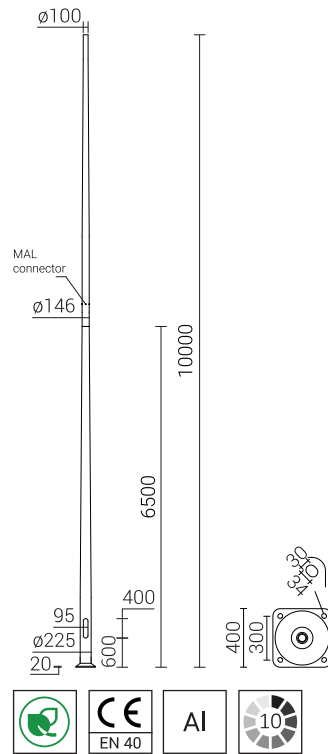


Aluminium column MAL-10

225 mm at the base plate



TECHNICAL DATA

Anodising	10 colours
Luminaire mounting	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
Extension arm type	according to resistance calculations
Packing	sleeve material
Diameter at the base plate	225 mm
Finish	brushed anodised aluminium, option of elastomer protection in column's colour up to a height of 350 mm (other height on customer's request)
Diameter of the mast ending	$\varnothing 100$ 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
42497/C...	MAL-10	10 m	5 mm	0.59 m ³	B-80 / Z-80	311180 / 311208	4012	81 kg

STRENGTH TABLE

MAL-10		Acceptable windage of single luminaire [m ²] for Cx=1			
code 42497		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.l	II zone, II Field category up to	III zone, II Field category up to 755m by s.l
-	40	1,69	1,42	1,18	1,03
-	90	1,53	1,28	1,07	0,93
WRK-3	15	0,73 (Cx=0,7)	0,59 (Cx=0,7)	0,46 (Cx=0,7)	0,38 (Cx=0,7)
WRK-4	15	0,43 (Cx=0,7)	0,34 (Cx=0,7)	0,26 (Cx=0,7)	0,21 (Cx=0,7)
WRK-5	15	0,41 (Cx=0,7)	0,33 (Cx=0,7)	0,25 (Cx=0,7)	0,21 (Cx=0,7)
WRK-6	15	0,32 (Cx=0,7)	0,25 (Cx=0,7)	0,19 (Cx=0,7)	0,16 (Cx=0,7)
WM-1	15	1,76	1,47	1,22	1,06
WM-2	15	0,83	0,69	0,57	0,49
WM-21	15	0,79	0,65	0,53	0,45
WM-21 REG	15	0,74	0,60	0,49	0,41
WM-31 REG	15	0,41	0,32	0,25	0,20
WM-3	15	0,63	0,52	0,43	0,37
WM-4	15	0,47	0,39	0,32	0,28
WM-42	15	0,36	0,29	0,24	0,20
WM-5	15	0,36	0,30	0,24	0,21
WM-6	15	0,28	0,23	0,18	0,16