



## TECHNICAL DATA

<b>Anodising</b>	10 colours
<b>Packing</b>	bubble wrap
<b>Assembly</b>	on concrete footing or rooted (marked "dz" in the name)
<b>Application</b>	parks, pedestrians
<b>Finish</b>	grinded, anodised aluminium - anode coating thickness is 20µm as standard (coating thickness of 25µm is also possible), option of elastomer protection in the colour of the column up to the height of 50 mm (other height on customer's request) - the thickness of the protective coating ranges from 0.8 mm to 1.2 mm
<b>Ingress protection</b>	IP 65
<b>Material</b>	cylindrical aluminium tube, diffuser frosted PMMA tube
<b>Input voltage frequency</b>	50 Hz
<b>Supply voltage</b>	230V AC
<b>Electrical gear cover</b>	mounted on gear frame, magnetic ballast with thermal protection, metal halide lamps MH 70W (EL) optionally available with electronic ballast
<b>Types of bollards</b>	on concrete footing and rooted (marked "dz" in the name) with round and flat cap (marked .../P in the product code)



## TABLE OF VARIANTS

Code	Symbol	Height of the column [H]	Unit volume	Concrete footing / reinforcement basket type	Light source type	Net weight
450009/C...	SAMR 900 S-70W	945 mm	0.023 m³	B-0, B-0A / Z-0, Z-0A	S-70W	5.55 kg
450014/C...	SAMR 900 E/Z	945 mm	0.023 m³	B-0, B-0A / Z-0, Z-0A	compact fluorescent lamp E-27	4.45 kg
450009/C.../P	SAMR 900 S-70W	915 mm	0.023 m³	B-0, B-0A / Z-0, Z-0A	S-70W	5.55 kg
450014/C.../P	SAMR 900 E/Z	915 mm	0.023 m³	B-0, B-0A / Z-0, Z-0A	compact fluorescent lamp E-27	4.45 kg
450068/C...	SAMR 900 dz S-70W	945 mm	0.036 m³	-	S-70W	6.75 kg
450069/C...	SAMR 900 dz MH-70W	945 mm	0.036 m³	-	MH-70W	6.75 kg
450073/C...	SAMR 900 dz E/Z	945 mm	0.036 m³	B-0, B-0A / Z-0, Z-0A	compact fluorescent lamp E-27	5.35 kg
450068/C.../P	SAMR 900 dz S-70W	915 mm	0.036 m³	-	S-70W	6.75 kg
450069/C.../P	SAMR 900 dz MH-70W	915 mm	0.036 m³	-	MH-70W	6.75 kg
450073/C.../P	SAMR 900 dz E/Z	915 mm	0.036 m³	B-0, B-0A / Z-0, Z-0A	compact fluorescent lamp E-27	5.35 kg
450016/C...	SAMR 1200 S-70W	1 245 mm	0.031 m³	B-0, B-0A / Z-0, Z-0A	S-70W	6.55 kg
450017/C...	SAMR 1200 MH-70W	1 245 mm	0.031 m³	B-0, B-0A / Z-0, Z-0A	MH-70W	6.55 kg
450021/C...	SAMR 1200 E/Z	1 245 mm	0.031 m³	B-0, B-0A / Z-0, Z-0A	compact fluorescent lamp E-27	5.15 kg
450021/C.../P	SAMR 1200 E/Z	1 215 mm	0.031 m³	B-0, B-0A / Z-0, Z-0A	compact fluorescent lamp E-27	5.15 kg
450075/C...	SAMR 1200 dz S-70W	1 245 mm	0.043 m³	-	S-70W	7.75 kg
450080/C...	SAMR 1200 dz E/Z	1 245 mm	0.043 m³	B-0, B-0A / Z-0, Z-0A	compact fluorescent lamp E-27	6.45 kg
450075/C.../P	SAMR 1200 dz S-70W	1 215 mm	0.043 m³	-	S-70W	7.75 kg
450080/C.../P	SAMR 1200 dz E/Z	1 215 mm	0.043 m³	B-0, B-0A / Z-0, Z-0A	compact fluorescent lamp E-27	6.45 kg
450023/C...	SAMR 1200 W S-70W	1 245 mm	0.031 m³	B-0, B-0A / Z-0, Z-0A	S-70W	6.75 kg
450024/C...	SAMR 1200 W MH-70W	1 245 mm	0.031 m³	B-0, B-0A / Z-0, Z-0A	MH-70W	6.75 kg
450028/C...	SAMR 1200 W E/Z	1 245 mm	0.031 m³	B-0, B-0A / Z-0, Z-0A	compact fluorescent lamp E-27	5.35 kg
450023/C.../P	SAMR 1200 W S-70W	1 215 mm	0.031 m³	B-0, B-0A / Z-0, Z-0A	S-70W	6.75 kg
450024/C.../P	SAMR 1200 W MH-70W	1 215 mm	0.031 m³	B-0, B-0A / Z-0, Z-0A	MH-70W	6.75 kg
450028/C.../P	SAMR 1200 W E/Z	1 215 mm	0.031 m³	B-0, B-0A / Z-0, Z-0A	compact fluorescent lamp E-27	5.35 kg
450082/C...	SAMR 1200 W dz S-70W	1 245 mm	0.043 m³	-	S-70W	8.15 kg
450083/C...	SAMR 1200 W dz MH-70W	1 245 mm	0.043 m³	-	MH-70W	8.15 kg
450016/C.../P	SAMR 1200 S-70W	1 215 mm	0.031 m³	B-0, B-0A / Z-0, Z-0A	S-70W	6.55 kg
450087/C...	SAMR 1200 W dz E/Z	1 245 mm	0.043 m³	B-0, B-0A / Z-0, Z-0A	compact fluorescent lamp E-27	6.75 kg
450082/C.../P	SAMR 1200 W dz S-70W	1 215 mm	0.043 m³	-	S-70W	8.15 kg
450087/C.../P	SAMR 1200 W dz E/Z	1 215 mm	0.043 m³	B-0, B-0A / Z-0, Z-0A	compact fluorescent lamp E-27	6.75 kg

: 2014/35/UE (Official Journal of the UE L 96/357 29.03.2014), 2014/30/UE (Official Journal of the UE L 96/79 29.03.2014), 2011/65/UE RoHS (Official Journal of the UE L 174/88 01.07.2011), 2009/125/EC(Official Journal of the UE L 285/10 31.10.2009)  
 : PN-EN IEC 60598-1: 2021-7, PN-EN 60598-2-3: 2006, PN-EN 60529: 2003, PN-EN 62262: 2003, PN-EN 62471:2010, PN-EN 55015: 2019, PN-EN 61547: 2009, PN-EN 61000-3-2: 2019, PN-EN 61000-3-3: 2014

Lighting parameters presented based on laboratory tests according to IESNA LM-79-19

## TECHNICAL DRAWING

