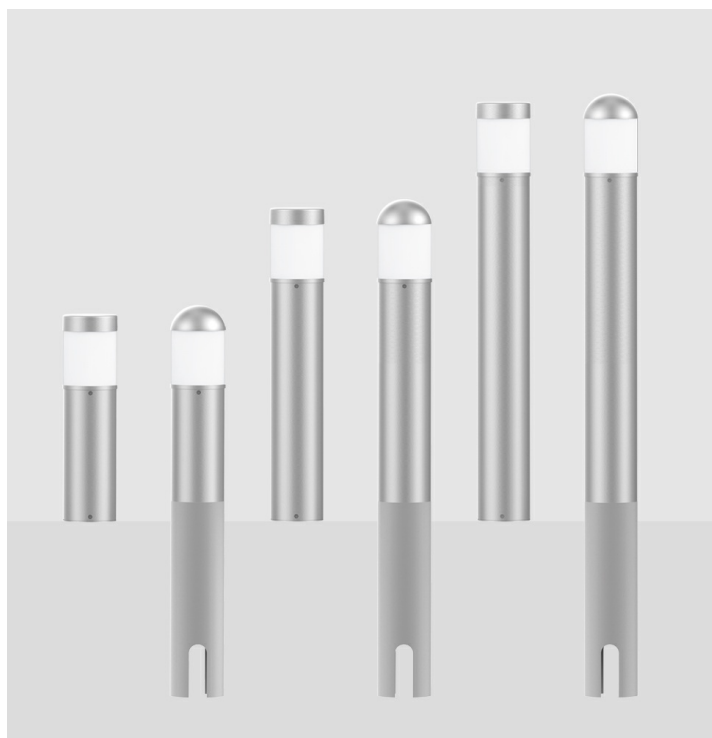


SAMR



Application: parks, squares, pedestrian walkways, parkings, gardens

Anodising: 10 colours, each with possibility of chemical brightening

Finish: grinded, anodised aluminium, option of elastomer protection in the colour of the column up to the height of 50 mm (other height on customer's request)

Packing: foil

Ingress protection: IP65

Voltage: 230V, AC

Insulation class: II

Material: cylindrical aluminium tube, diffuser frosted PMMA tube

Types of bollards: on concrete footing and rooted (marked "dz" in the name) with round and flat cap (marked .../P in the product code)

Types of light sources:

S – sodium 50 W, 70 W

MH – metal halide 70 W, 100 W

E/Z – energy-efficient source E-27

Input voltage frequency: 50 Hz

Electrical equipment: mounted on universal gear frame, magnetic ballast with thermal protection for luminaires 50W-100W metal halide lamps MH 70W (EL) optionally available with electronic ballast



Code	Symbol	Cap	Light source	Height [H]	Concrete footing / reinforcement basket	Unit volume	Net weight
450001/C...	SAMR 600 S-50W	Round	S-50W	645mm	B-0, B-0A / Z-0, Z-0A	0,015m ³	4,45kg
450002/C...	SAMR 600 S-70W	Round	S-70 W	645mm	B-0, B-0A / Z-0, Z-0A	0,015m ³	4,55kg
450003/C...	SAMR 600 MH-70W	Round	MH-70 W	645mm	B-0, B-0A / Z-0, Z-0A	0,015m ³	4,65kg
450003E/C...	SAMR 600 MH-70W Electronic	Round	MH-70 W	645mm	B-0, B-0A / Z-0, Z-0A	0,015m ³	3,45kg
450004/C...	SAMR 600 MH-100W	Round	MH-100 W	645mm	B-0, B-0A / Z-0, Z-0A	0,015m ³	4,75kg
450006/C...	SAMR 600 Świelówka	Round	Świelówka 23W	645mm	B-0, B-0A / Z-0, Z-0A	0,015m ³	3,25kg
450001/C.../P	SAMR 600 S-50W	Flat	S-50W	615mm	B-0, B-0A / Z-0, Z-0A	0,015m ³	4,45kg
450002/C.../P	SAMR 600 S-70W	Flat	S-70 W	615mm	B-0, B-0A / Z-0, Z-0A	0,015m ³	4,55kg
450003/C.../P	SAMR 600 MH-70W	Flat	MH-70 W	615mm	B-0, B-0A / Z-0, Z-0A	0,015m ³	4,65kg
450003E/C.../P	SAMR 600 MH-70W Electronic	Flat	MH-70 W	615mm	B-0, B-0A / Z-0, Z-0A	0,015m ³	3,45kg
450004/C.../P	SAMR 600 MH-100W	Flat	MH-100 W	615mm	B-0, B-0A / Z-0, Z-0A	0,015m ³	4,75kg
450006/C.../P	SAMR 600 Świelówka	Flat	Świelówka 23W	615mm	B-0, B-0A / Z-0, Z-0A	0,015m ³	3,25kg
450060/C...	SAMR 600 dz S-50W	Round	S-50W	645mm	–	0,028m ³	5,35kg
450061/C...	SAMR 600 dz S-70W	Round	S-70 W	645mm	–	0,028m ³	5,65kg
450062/C...	SAMR 600 dz MH-70W	Round	MH-70 W	645mm	–	0,028m ³	5,65kg
450062E/C...	SAMR 600 dz MH-70W Electronic	Round	MH-70 W	645mm	–	0,028m ³	4,45kg
450063/C...	SAMR 600 dz MH-100W	Round	MH-100 W	645mm	–	0,028m ³	5,85kg
450066/C...	SAMR 600 dz Świelówka	Round	Świelówka 23W	645mm	–	0,028m ³	4,25kg
450060/C.../P	SAMR 600 dz S-50W	Flat	S-50W	615mm	–	0,028m ³	5,35kg
450061/C.../P	SAMR 600 dz S-70W	Flat	S-70 W	615mm	–	0,028m ³	5,65kg

SAMR

Code	Symbol	Cap	Light source	Height [H]	Concrete footing / reinforcement basket	Unit volume	Net weight
450062/C.../P	SAMR 600 dz MH-70W	Flat	MH-70 W	615mm	—	0,028m ³	5,65kg
450062E/C.../P	SAMR 600 dz MH-70W Electronic	Flat	MH-70 W	615mm	—	0,028m ³	4,45kg
450063/C.../P	SAMR 600 dz MH-100W	Flat	MH-100 W	615mm	—	0,028m ³	5,85kg
450066/C.../P	SAMR 600 dz Światłówka	Flat	Światłówka 23W	615mm	—	0,028m ³	4,25kg
450008/C...	SAMR 900 S-50W	Round	S-50W	945mm	B-0, B-0A / Z-0, Z-0A	0,023m ³	5,35kg
450009/C...	SAMR 900 S-70W	Round	S-70 W	945mm	B-0, B-0A / Z-0, Z-0A	0,023m ³	5,55kg
450010/C...	SAMR 900 MH-70W	Round	MH-70 W	945mm	B-0, B-0A / Z-0, Z-0A	0,023m ³	5,65kg
450010E/C...	SAMR 900 MH-70W Electronic	Round	MH-70 W	945mm	B-0, B-0A / Z-0, Z-0A	0,023m ³	4,45kg
450011/C...	SAMR 900 MH-100W	Round	MH-100 W	945mm	B-0, B-0A / Z-0, Z-0A	0,023m ³	5,75kg
450014/C...	SAMR 900 Światłówka	Round	Światłówka 23W	945mm	B-0, B-0A / Z-0, Z-0A	0,023m ³	4,45kg
450008/C.../P	SAMR 900 S-50W	Flat	S-50W	915mm	B-0, B-0A / Z-0, Z-0A	0,023m ³	5,35kg
450009/C.../P	SAMR 900 S-70W	Flat	S-70 W	915mm	B-0, B-0A / Z-0, Z-0A	0,023m ³	5,55kg
450010/C.../P	SAMR 900 MH-70W	Flat	MH-70 W	915mm	B-0, B-0A / Z-0, Z-0A	0,023m ³	5,65kg
450010E/C.../P	SAMR 900 MH-70W Electronic	Flat	MH-70 W	915mm	B-0, B-0A / Z-0, Z-0A	0,023m ³	4,45kg
450011/C.../P	SAMR 900 MH-100W	Flat	MH-100 W	915mm	B-0, B-0A / Z-0, Z-0A	0,023m ³	5,75kg
450014/C.../P	SAMR 900 Światłówka	Flat	Światłówka 23W	915mm	B-0, B-0A / Z-0, Z-0A	0,023m ³	4,45kg
450067/C...	SAMR 900 dz S-50W	Round	S-50W	945mm	—	0,036m ³	6,55kg
450068/C...	SAMR 900 dz S-70W	Round	S-70 W	945mm	—	0,036m ³	6,75kg
450069/C...	SAMR 900 dz MH-70W	Round	MH-70 W	945mm	—	0,036m ³	6,75kg
450069E/C...	SAMR 900 dz MH-70W Electronic	Round	MH-70 W	945mm	—	0,036m ³	5,55kg
450070/C...	SAMR 900 dz MH-100W	Round	MH-100 W	945mm	—	0,036m ³	6,95kg
450073/C...	SAMR 900 dz Światłówka	Round	Światłówka 23W	945mm	—	0,036m ³	5,35kg
450067/C.../P	SAMR 900 dz S-50W	Flat	S-50W	915mm	—	0,036m ³	6,55kg
450068/C.../P	SAMR 900 dz S-70W	Flat	S-70 W	915mm	—	0,036m ³	6,75kg
450069/C.../P	SAMR 900 dz MH-70W	Flat	MH-70 W	915mm	—	0,036m ³	6,75kg
450069E/C.../P	SAMR 900 dz MH-70W Electronic	Flat	MH-70 W	915mm	—	0,036m ³	6,75kg
450070/C.../P	SAMR 900 dz MH-100W	Flat	MH-100 W	915mm	—	0,036m ³	6,95kg
450073/C.../P	SAMR 900 dz Światłówka	Flat	Światłówka 23W	915mm	—	0,036m ³	5,35kg
450015/C...	SAMR 1200 S-50W	Round	S-50W	1245mm	B-0A / Z-0A	0,031m ³	6,25kg
450016/C...	SAMR 1200 S-70W	Round	S-70 W	1245mm	B-0A / Z-0A	0,031m ³	6,55kg
450017/C...	SAMR 1200 MH-70W	Round	MH-70 W	1245mm	B-0A / Z-0A	0,031m ³	6,55kg
450017E/C...	SAMR 1200 MH-70W Electronic	Round	MH-70 W	1245mm	B-0A / Z-0A	0,031m ³	5,35kg
450018/C...	SAMR 1200 MH-100W	Round	MH-100 W	1245mm	B-0A / Z-0A	0,031m ³	6,75kg
450021/C...	SAMR 1200 Światłówka	Round	Światłówka 23W	1245mm	B-0A / Z-0A	0,031m ³	5,15kg
450015/C.../P	SAMR 1200 S-50W	Flat	S-50W	1215mm	B-0A / Z-0A	0,031m ³	6,25kg

SAMR

Code	Symbol	Cap	Light source	Height [H]	Concrete footing / reinforcement basket	Unit volume	Net weight
450016/C.../P	SAMR 1200 S-70W	Flat	S-70 W	1215mm	B-0A / Z-0A	0,031m ³	6,55kg
450017/C.../P	SAMR 1200 MH-70W	Flat	MH-70 W	1215mm	B-0A / Z-0A	0,031m ³	6,55kg
450017E/C.../P	SAMR 1200 MH-70W Electronic	Flat	MH-70 W	1215mm	B-0A / Z-0A	0,031m ³	5,35kg
450018/C.../P	SAMR 1200 MH-100W	Flat	MH-100 W	1215mm	B-0A / Z-0A	0,031m ³	6,75kg
450021/C.../P	SAMR 1200 Światłówka	Flat	Światłówka 23W	1215mm	B-0A / Z-0A	0,031m ³	5,15kg
450074/C...	SAMR 1200 dz S-50W	Round	S-50W	1245mm	—	0,043m ³	7,55kg
450075/C...	SAMR 1200 dz S-70W	Round	S-70 W	1245mm	—	0,043m ³	7,75kg
450076/C...	SAMR 1200 dz MH-70W	Round	MH-70 W	1245mm	—	0,043m ³	7,75kg
450076E/C...	SAMR 1200 dz MH-70W Electronic	Round	MH-70 W	1245mm	—	0,043m ³	6,65kg
450077/C...	SAMR 1200 dz MH-100W	Round	MH-100 W	1245mm	—	0,043m ³	7,95kg
450080/C...	SAMR 1200 dz Światłówka	Round	Światłówka 23W	1245mm	—	0,043m ³	6,45kg
450074/C.../P	SAMR 1200 dz S-50W	Flat	S-50W	1215mm	—	0,043m ³	7,55kg
450075/C.../P	SAMR 1200 dz S-70W	Flat	S-70 W	1215mm	—	0,043m ³	7,75kg
450076/C.../P	SAMR 1200 dz MH-70W	Flat	MH-70 W	1215mm	—	0,043m ³	7,75kg
450076E/C.../P	SAMR 1200 dz MH-70W Electronic	Flat	MH-70 W	1215mm	—	0,043m ³	6,65kg
450077/C.../P	SAMR 1200 dz MH-100W	Flat	MH-100 W	1215mm	—	0,043m ³	7,95kg
450080/C.../P	SAMR 1200 dz Światłówka	Flat	Światłówka 23W	1215mm	—	0,043m ³	6,45kg
450022/C...	SAMR 1200 W S-50W	Round	S-50W	1245mm	B-0A / Z-0A	0,031m ³	6,45kg
450023/C...	SAMR 1200 W S-70W	Round	S-70 W	1245mm	B-0A / Z-0A	0,031m ³	6,75kg
450024/C...	SAMR 1200 W MH-70W	Round	MH-70 W	1245mm	B-0A / Z-0A	0,031m ³	6,75kg
450024E/C...	SAMR 1200 W MH-70W Electronic	Round	MH-70 W	1245mm	B-0A / Z-0A	0,031m ³	5,55kg
450025/C...	SAMR 1200 W MH-100W	Round	MH-100 W	1245mm	B-0A / Z-0A	0,031m ³	6,95kg
450028/C...	SAMR 1200 W Światłówka	Round	Światłówka 23W	1245mm	B-0A / Z-0A	0,031m ³	5,35kg
450022/C.../P	SAMR 1200 W S-50W	Flat	S-50W	1215mm	B-0A / Z-0A	0,031m ³	6,45kg
450023/C.../P	SAMR 1200 W S-70W	Flat	S-70 W	1215mm	B-0A / Z-0A	0,031m ³	6,75kg
450024/C.../P	SAMR 1200 W MH-70W	Flat	MH-70 W	1215mm	B-0A / Z-0A	0,031m ³	6,75kg
450024E/C.../P	SAMR 1200 W MH-70W Electronic	Flat	MH-70 W	1215mm	B-0A / Z-0A	0,031m ³	5,55kg
450025/C.../P	SAMR 1200 W MH-100W	Flat	MH-100 W	1215mm	B-0A / Z-0A	0,031m ³	6,95kg
450028/C.../P	SAMR 1200 W Światłówka	Flat	Światłówka 23W	1215mm	B-0A / Z-0A	0,031m ³	5,35kg
450081/C...	SAMR 1200 W dz S-50W	Round	S-50W	1245mm	—	0,043m ³	7,85kg
450082/C...	SAMR 1200 W dz S-70W	Round	S-70 W	1245mm	—	0,043m ³	8,15kg
450083/C...	SAM 1200 W dz MH-70W	Round	MH-70 W	1245mm	—	0,043m ³	8,15kg
450083E/C...	SAM 1200 W dz MH-70W Electronic	Round	MH-70 W	1245mm	—	0,043m ³	6,95kg
450084/C...	SAMR 1200 W dz MH-100W	Round	MH-100 W	1245mm	—	0,043m ³	8,35kg
450087/C...	SAMR 1200 W dz Światłówka	Round	Światłówka 23W	1245mm	—	0,043m ³	6,75kg

SAMR

Code	Symbol	Cap	Light source	Height [H]	Concrete footing / reinforcement basket	Unit volume	Net weight
450081/C.../P	SAMR 1200 W dz S-50W	Flat	S-50W	1215mm	—	0,043m ³	7,85kg
450082/C.../P	SAMR 1200 W dz S-70W	Flat	S-70 W	1215mm	—	0,043m ³	8,15kg
450083/C.../P	SAMR 1200 W dz MH-70W	Flat	MH-70 W	1215mm	—	0,043m ³	8,15kg
450083E/C.../P	SAMR 1200 W dz MH-70W Electronic	Flat	MH-70 W	1215mm	—	0,043m ³	6,95kg
450084/C.../P	SAMR 1200 W dz MH-100W	Flat	MH-100 W	1215mm	—	0,043m ³	8,35kg
450087/C.../P	SAMR 1200 W dz Światłówka	Flat	Światłówka 23W	1215mm	—	0,043m ³	6,75kg

Directive 2014/35/UE (Official Journal of the UE L 96/357 29.03.2014) Directive 2014/30/UE (Official Journal of the UE L 96/79 29.03.2014), Directive 2011/65/UE, Directive 2009/125/EC,

