

Saga

LED



Graphite grey

Ensto Saga is an outdoor luminaire, in which high quality light technical solution and design meet. Symmetric and asymmetric light distribution enables energy efficient lighting solution according to the specific needs of the project. Due to the innovative reflector solution, modern control technology and luminous efficacy Saga is an excellent choice for various surroundings.

Optics

Ensto luminaires include variable possibilities for optical solutions to choose from. Symmetric, wide and many others, our product families have several options for light distribution and -output to fit your project and demand.

DALI

DALI drivers enable luminaires to be connected to DALI based control systems and Smart Buildings. Compared to a fixed output installation, the dimming and individual control capability provided by DALI enables considerable energy savings and control, depending on luminaire specifications.

BaseDim

Ensto BaseDim -solution makes energy saving easy without compromising safety or area lighting. BaseDim drops light output 50% during 8 hours in dark time. It's automatic and simple, but gives you benefits in energy saving.

SmartDim

Ensto SmartDim is a programmable dimming solution which gives you optimized energy saving and light output when and where it's needed. You can choose maximum of 5-steps and levels during the dark hours.

Dimming

Ensto can provide many dimming possibilities for luminaires. 1-10V, Switch Dim, DALI and base light are just few examples of possibilities to change the light output to fit your premises.

"Finnish design
with top of the line
optical solution."





Black

28W	3000 lm	42W	4500 lm
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Structure

- › Hat: powder-coated aluminium
- › Base: powder-coated aluminium
- › Colours: pearl grey, graphite grey (Akzo900) and black (RAL 9005)
- › Diffuser: UV-stabilized clear PC
- › Saga selection:
connected load 28W, luminaire luminous flux 3000 lm
connected load 42W, luminaire luminous flux 4500 lm
round symmetric and streetlight optics
4000 K, Ra > 80, power factor 0,95
Ambient temperature -40 °C - + 35 °C
Lifetime of LED-module 100 000h (L80B50),
T_a=25°C
- › MacAdam 3
- › Overvoltage protection 6/8kV
- › Lifetime of control gear 100 000h (10% fr)

Mounting

- › On ø 60 mm column or on stepped column ø 60 mm
- › Saga poles space for coupling
- › Connection lead 4,5 m VSKN 3x1,5 mm² included
- › Recommended mounting height 3-5 m

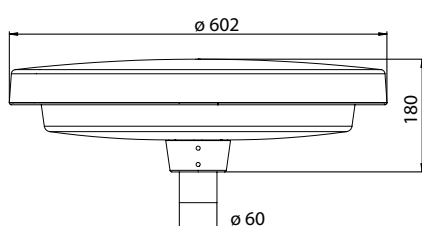
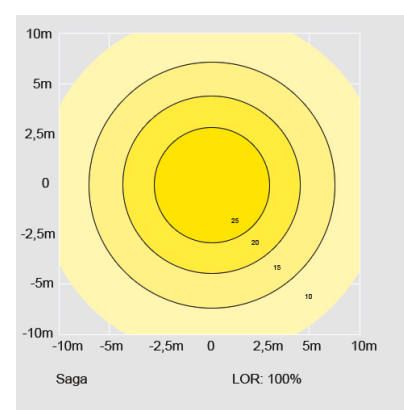
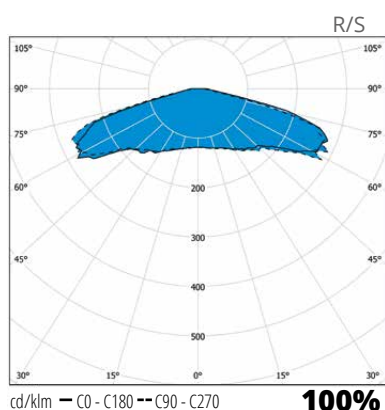
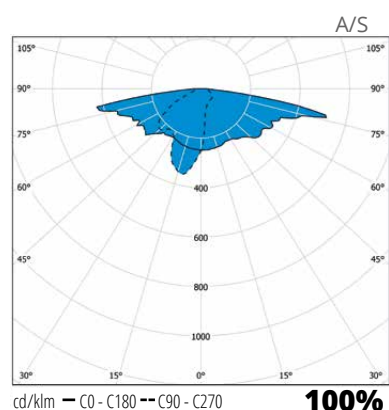
Made to order

- › 1-10V
- › DALI
- › BaseDim (BD) - nighttime dimming, onestep
- › SmartDim - nighttime dimming, multistep
- › AmpDim
- › Lineswitch
- › 3000 K

E Number	Type	Product name	Base	Colour	Kg
Saga - round symmetric optics 3000 lm					
45 031 57	SA30HHR	SA30HHR 28W/840 PC HH R/S	LED	pearl grey	10,0
45 031 46	SA30GHR	SA30GHR 28W/840 PC GH R/S	LED	graphite grey	10,0
45 031 61	SA30MR	SA30MR 28W/840 PC M R/S	LED	black	10,0
45 031 86	SA30HHRED	SA30HHRED 28W/840 PC HH R/S DA	LED	pearl grey	10,0
45 031 84	SA30GHRED	SA30GHRED 28W/840 PC GH R/S DA	LED	graphite grey	10,0
45 031 88	SA30MRED	SA30MRED 28W/840 PC M R/S DA	LED	black	10,0
Saga - streetlight optics 3000 lm					
45 031 47	SA30HHA	SA30HHA 28W/840 PC HH A/S	LED	pearl grey	10,0
45 031 45	SA30GHA	SA30GHA 28W/840 PC GH A/S	LED	graphite grey	10,0
45 031 59	SA30MA	SA30MA 28W/840 PC M A/S	LED	black	10,0
45 031 85	SA30HHAED	SA30HHAED 28W/840 PC HH A/S DA	LED	pearl grey	10,0
45 031 83	SA30GHAED	SA30GHAED 28W/840 PC GH A/S DA	LED	graphite grey	10,0
45 031 87	SA30MAED	SA30MAED 28W/840 PC M A/S DA	LED	black	10,0



E Number	Type	Product name	Base	Colour	Kg
Saga - round symmetric optics 4500 lm					
45 031 80	SA45HHR	SA45HHR 42W/840 PC HH R/S	LED	pearl grey	10,0
45 031 65	SA45GHR	SA45GHR 42W/840 PC GH R/S	LED	graphite grey	10,0
45 031 82	SA45MR	SA45MR 42W/840 PC M R/S	LED	black	10,0
45 031 92	SA45HHRED	SA45HHRED 42W/840 PC HH R/S DA	LED	pearl grey	10,0
45 031 90	SA45GHRED	SA45GHRED 42W/840 PC GH R/S DA	LED	graphite grey	10,0
45 031 94	SA45MRED	SA45MRED 42W/840 PC M R/S DA	LED	black	10,0
Saga - streetlight optics 4500 lm					
45 031 79	SA45HHA	SA45HHA 42W/840 PC HH A/S	LED	pearl grey	10,0
45 031 63	SA45GHA	SA45GHA 42W/840 PC GH A/S	LED	graphite grey	10,0
45 031 81	SA45MA	SA45MA 42W/840 PC M A/S	LED	black	10,0
45 031 91	SA45HHAED	SA45HHAED 42W/840 PC HH A/S DA	LED	pearl grey	10,0
45 031 89	SA45GHAED	SA45GHAED 42W/840 PC GH A/S DA	LED	graphite grey	10,0
45 031 93	SA45MAED	SA45MAED 42W/840 PC M A/S DA	LED	black	10,0



Luminaire per miniature circuit breaker	B10	B16	C10	C16
SA30	15	25	26	42
SA30ED, DALI	16	26	27	44
SA45	6	11	11	18
SA45ED, DALI	6	11	11	18



Ensto Saga writes a new story to outdoor lighting. Symmetric and asymmetric light distribution options and truly magnificent design greets people and premises on many locations.

SAGA STEPPED AND WOODEN POLES

E Number	Type	Product name	Total height	Base height	Base ø	Spigot ø	Kg
Saga stepped poles							
46 030 07	SAGA4SA9G	SAGA 4S AKZO 900 GREY	4500 mm	500 mm	139 mm	60 mm	44,0
46 030 10	SAGA5SA9G	SAGA 5S AKZO 900 GREY	5500 mm	500 mm	139 mm	60 mm	51,0
46 030 11	SAGA6SA9G	SAGA 6S AKZO 900 GREY	6500 mm	500 mm	139 mm	60 mm	58,0
46 030 13	SAGA4S9005	SAGA 4S RAL 9005	4500 mm	500 mm	139 mm	60 mm	44,0
46 030 14	SAGA5S9005	SAGA 5S RAL 9005	5500 mm	500 mm	139 mm	60 mm	51,0
46 030 15	SAGA6S9005	SAGA 6S RAL 9005	6500 mm	500 mm	139 mm	60 mm	58,0
46 030 16	SAGA4S9006	SAGA 4S RAL 9006	4500 mm	500 mm	139 mm	60 mm	44,0
46 030 17	SAGA5S9006	SAGA 5S RAL 9006	5500 mm	500 mm	139 mm	60 mm	51,0
46 030 18	SAGA6S9006	SAGA 6S RAL 9006	6500 mm	500 mm	139 mm	60 mm	58,0
Saga wooden poles							
46 030 19	SAGA4WA9GCIN	SAGA 4W AKZO 900 GREY/CINNAMON	4500 mm	500 mm	139 mm	60 mm	43,0
46 030 20	SAGA5WA9GCIN	SAGA 5W AKZO 900 GREY/CINNAMON	5500 mm	500 mm	139 mm	60 mm	49,0
46 030 21	SAGA6WA9GCIN	SAGA 6W AKZO 900 GREY/CINNAMON	6500 mm	500 mm	139 mm	60 mm	54,0
46 030 22	SAGA4W9005CIN	SAGA 4W RAL 9005/CINNAMON	4500 mm	500 mm	139 mm	60 mm	43,0
46 030 23	SAGA5W9005CIN	SAGA 5W RAL 9005/CINNAMON	5500 mm	500 mm	139 mm	60 mm	49,0
46 030 24	SAGA6W9005CIN	SAGA 6W RAL 9005/CINNAMON	6500 mm	500 mm	139 mm	60 mm	54,0
46 030 25	SAGA4W9006CIN	SAGA 4W RAL 9006/CINNAMON	4500 mm	500 mm	139 mm	60 mm	43,0
46 030 26	SAGA5W9006CIN	SAGA 5W RAL 9006/CINNAMON	5500 mm	500 mm	139 mm	60 mm	49,0
46 030 27	SAGA6W9006CIN	SAGA 6W RAL 9006/CINNAMON	6500 mm	500 mm	139 mm	60 mm	54,0
46 030 28	SAGA4WA9GSAF	SAGA 4W AKZO 900 GREY/SAFFRON	4500 mm	500 mm	139 mm	60 mm	43,0
46 030 29	SAGA5WA9GSAF	SAGA 5W AKZO 900 GREY/SAFFRON	5500 mm	500 mm	139 mm	60 mm	49,0
46 030 30	SAGA6WA9GSAF	SAGA 6W AKZO 900 GREY/SAFFRON	6500 mm	500 mm	139 mm	60 mm	54,0
46 030 31	SAGA4W9005SAF	SAGA 4W RAL 9005/SAFFRON	4500 mm	500 mm	139 mm	60 mm	43,0
46 030 32	SAGA5W9005SAF	SAGA 5W RAL 9005/SAFFRON	5500 mm	500 mm	139 mm	60 mm	49,0
46 030 33	SAGA6W9005SAF	SAGA 6W RAL 9005/SAFFRON	6500 mm	500 mm	139 mm	60 mm	54,0
46 030 34	SAGA4W9006SAF	SAGA 4W RAL 9006/SAFFRON	4500 mm	500 mm	139 mm	60 mm	43,0
46 030 35	SAGA5W9006SAF	SAGA 5W RAL 9006/SAFFRON	5500 mm	500 mm	139 mm	60 mm	49,0
46 030 36	SAGA6W9006SAF	SAGA 6W RAL 9006/SAFFRON	6500 mm	500 mm	139 mm	60 mm	54,0





SAGA 5S AKZO 900 GREY



SAGA 5S RAL 9005



SAGA 5S RAL 9006



SAGA 5W AKZO 900 GREY/CINNAMON



SAGA 5W RAL 9005/CINNAMON



SAGA 5W RAL 9006/CINNAMON



SAGA 5W AKZO 900 GREY/SAFFRON



SAGA 5W RAL 9005/SAFFRON



SAGA 5W RAL 9006/SAFFRON

