

Opera Deco

LED



Graphite grey



Efficient LED luminaire for gardens and yards. Its anti-glare lighting is carefully directed to the illuminated area and the disturbing portion of scattered lighting has been minimized. Opera Deco can be used in various outdoor applications like large gardens and market squares, pedestrian areas, parks, car parks and playgrounds.

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.

“Stylish and efficient
Opera Deco is beautiful
around the clock.”





Pearl grey

Structure

- › Hat: powder-coated aluminium
- › Opera Deco decorative frames are powder-coated aluminium
- › Base: powder-coated aluminium
- › Colours: Graphite grey (Akzo900) and pearl grey (RAL 9006)
- › Diffuser: ribbed, light-scattering UV resistant acrylic
- › Opera Deco 4000 K selection: connected load 18W, luminaire luminous flux 2890 lm
connected load 30W, luminaire luminous flux 4500 lm
- › Opera Deco 3000 K selection: connected load 18W, luminaire luminous flux 2760 lm
connected load 30W, luminaire luminous flux 4300 lm
- › Ra > 80, power factor 0,98
- › Ambient temperature -40 °C - +30 °C
- › LED module lifespan $T_a=25\text{ °C}$:
>100 000 h (L70)
100 000 h (L80)
54 000 h (L90)
- › LED driver lifetime $T_a=25\text{ °C}$:
100 000 h (max. 10 % failure rate)
- › Opera Deco LED with Bi-power function. The luminaire switches automatically (factory setting) to lower power level 50% for 8 hours (3 hours before and 5 hours after the calculated midnight)

Mounting

- › On \varnothing 60 mm column or on stepped column \varnothing 60 mm
- › Connection lead 4,5 m VSKN 3x1,5 mm² included
- › Recommended mounting height 3-5 m

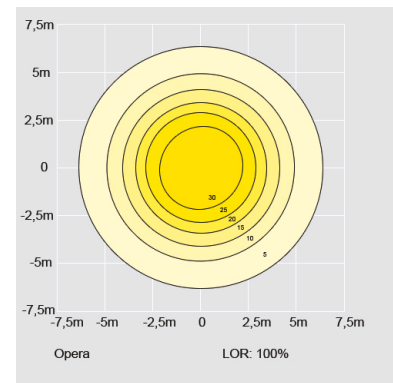
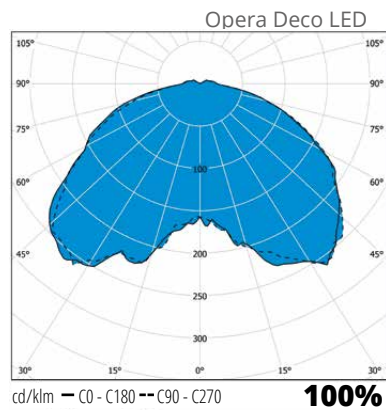
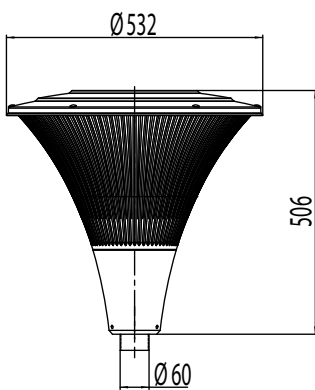
Made to order

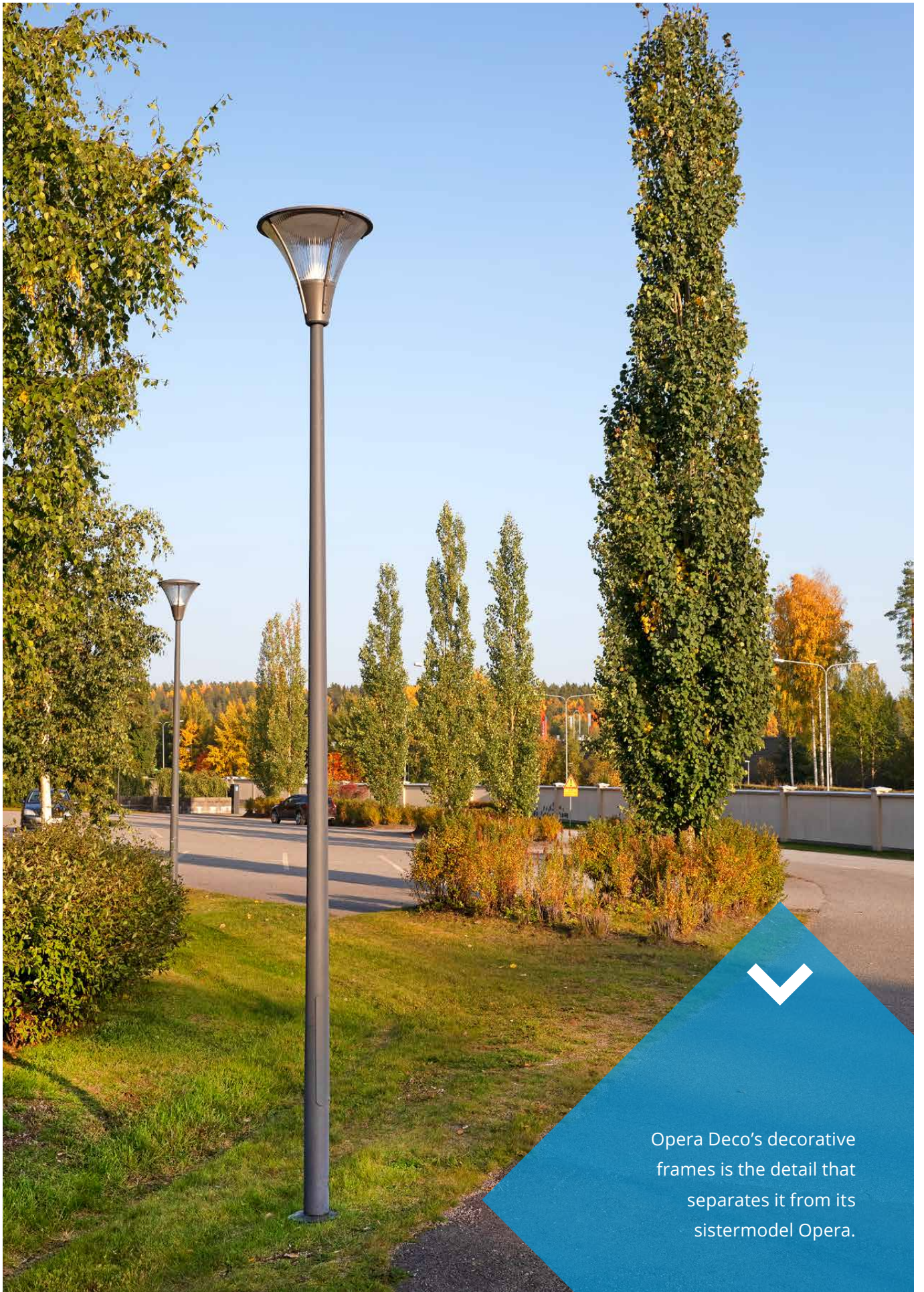
- › DALI-controlled models
- › Special colours
- › Columns from Tehomet selection:
Stepped columns Conical columns
OH3/108 + colour KH3/108 + colour
OH4/108 + colour KH4/108 + colour
OH5/108 + colour KH5/121 + colour
OH6/108 + colour KH6/136 + colour
Colours: RAL 9006 (pearl grey) and Akzo900 (graphite grey)
O= stepped columns, K= conical columns
H3 = height above the ground (f.ex. 3 m)
/108 = diameter of the base
Top of the column is always \varnothing 60 mm
Besides the height above the ground to the overall height of column an additional + 500 mm is calculated, which goes to base. All columns have a coupling space. Surface-treatment hot dip galvanized and power coated.
- › Helvar NightDim

E Number	Type	Product name	Base	Colour	Luminous flux	Kg
Opera Deco 4000 K						
45 030 83	OPD530L20GH	OPD530L20GH LED 18W/840 AC GH	LED	graphite grey	2890 lm	8,0
45 030 87	OPD530L20HH	OPD530L20HH LED 18W/840 AC HH	LED	pearl grey	2890 lm	8,0
45 030 96	OPD530LGH	OPD530LGH LED 30W/840 AC GH	LED	graphite grey	4500 lm	8,0
45 030 97	OPD530LHH	OPD530LHH LED 30W/840 AC HH	LED	pearl grey	4500 lm	8,0
Opera Deco 4000 K with Bi-power power reduction						
45 030 80	OPD530L20BPGH	OPD530L20BPGH 18W/840 BP GH	LED	graphite grey	2890 lm	8,0
45 030 82	OPD530L20BP HH	OPD530L20BP HH 18W/840 BP HH	LED	pearl grey	2890 lm	8,0
45 030 88	OPD530LBP GH	OPD530LBP GH LED 30W/840 BP GH	LED	graphite grey	4500 lm	8,0
45 030 89	OPD530LBP HH	OPD530LBP HH LED 30W/840 BP HH	LED	pearl grey	4500 lm	8,0



E Number	Type	Product name	Base	Colour	Luminous flux	Kg
Opera Deco 3000 K						
45 032 97	OPD530L20GH/3K	OPD530L20GH 18W/830 AC GH	LED	graphite grey	2760 lm	8,0
45 032 98	OPD530L20HH/3K	OPD530L20HH 18W/830 AC HH	LED	pearl grey	2760 lm	8,0
45 033 02	OPD530LGH/3K	OPD530LGH 30W/830 AC GH	LED	graphite grey	4300 lm	8,0
45 033 04	OPD530LHH/3K	OPD530LHH 30W/830 AC HH	LED	pearl grey	4300 lm	8,0
Opera Deco 3000 K with Bi-power power reduction						
45 032 95	OPD530L20BPGH/3K	OPD530L20BPGH 18W/830 BP GH	LED	graphite grey	2760 lm	8,0
45 032 96	OPD530L20BPHH/3K	OPD530L20BPHH 18W/830 BP HH	LED	pearl grey	2760 lm	8,0
45 032 99	OPD530LBPGH/3K	OPD530LBPGH 30W/830 BP GH	LED	graphite grey	4300 lm	8,0
45 033 01	OPD530LBPHH/3K	OPD530LBPHH 30W/830 BP HH	LED	pearl grey	4300 lm	8,0
Glare Covers						
45 033 65	AVL961	Opera glare cover plate 120° GH		graphite grey		0,27
45 033 66	AVL962	Opera glare cover plate 120° HH		pearl grey		0,27





Opera Deco's decorative frames is the detail that separates it from its sistermodel Opera.

