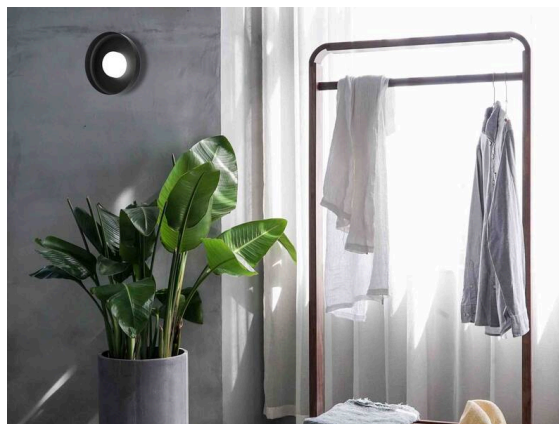


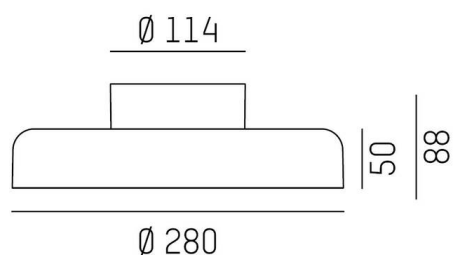
TOVALO

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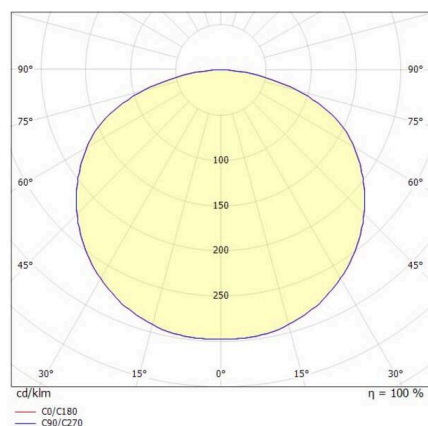
SVEN SD WALL / CEILING LUMINAIRE made of metal, black, similar to RAL 9005, opal silicone diffuser black, beam 130°, light output direct, with converter, max. 550mA, dimmability: DALI, adapter/ceiling base black, IP20



SKETCH



LIGHT DISTRIBUTION CURVE



TECHNICAL DETAILS

Light source	LED
System performance [W]	12
Luminous flux [lm]	850
Current sec. [mA]	550
Colour temperature	2700/3000K
CRI	>90
Optics	opal silicone diffuser
Converter	with converter
Dimmability	DALI
Light emission area	direct
Beam angle [°]	130°
Voltage	220-240V 50/60Hz
Length [mm]	88
Height [mm]	88
Diameter [mm]	280
IP protection class	IP20
IP protection class	protection cl. I
Material	metal
Colour of body	black
RAL	9005
Colour of glass/shade	black
Colour of adapter / ceiling base	black
Lifetime [h]	L80 B10 50 000
Energy efficiency class	D
Net weight [kg]	0.58
EAN number	9010506714579



The values are rated values. Power and luminous flux are initially subject to a tolerance of +/- 10%.
Colour temperature tolerance: +/- 150 K. The values apply to an ambient temperature of 25°C unless otherwise specified.