



## Family

# Ravo

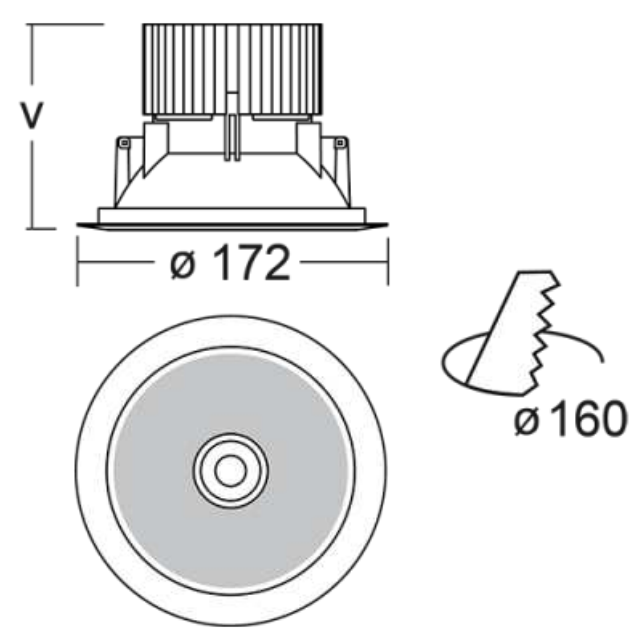
This circular downlight luminaire has been designed for LED sources with an efficacy of up to 130 lm/W. Ravo luminaires have been made of polycarbonate plastic and a passive aluminium heat sink. The IP44 class provided by the versions with clear or structured plexiglass protects against the penetration of water and foreign matter. Ravo luminaire with a wider beam angle is a good solution for commercial and social spaces, car showrooms and communication zones. Its great advantage is the possibility to fit into a hole up to 230 mm in diameter with the help of additional accessories.

Type of installation	Recessed
Light distribution	Direct
Colour of the luminaires	RAL 7045, Black, Silver, White
Colour Temperature	3000 K warm white, 4000 K cool white, 2700 K - 6500 K Tunable White
Material	Plastic
Light source	LED MODUL
LED type	Tunable White
MacAdam Light source	3
Connection of the luminaires	ON/OFF DALI ON/OFF + 1h emergency ON/OFF + 3h emergency DALI DT8 DALI + 1h emergency DALI + 3h emergency ON/OFF multiwatt
Lifetime	L80/B20, L80/B10 50 000 hours
Warranty	60 months

## Luminaire family variants Ravo



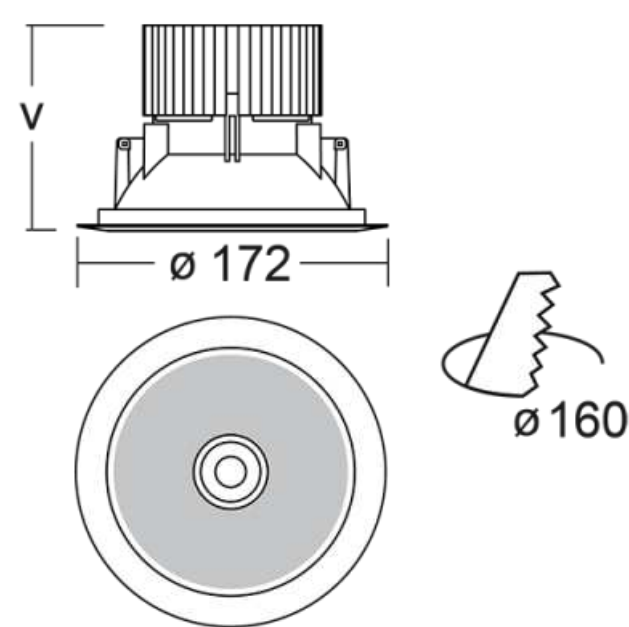
Ravo



Assembly	Light distribution
Energy class	Marks

**Notes** Recessed and surface luminaires come complete with all necessary accessories. Reduction accessories can be ordered for assembly into larger openings (up to 230 mm) in false ceilings.


Ravo



Assembly	Light distribution
	
Energy class	Marks
energy_class_d energy_class_g	

Code	Dimensions l/w/h (mm)	Power of the luminaire (W)	Luminous flux (lm)	Colour Temperature (K)	UGR
55-062C-10GHV/840, W + 00-00151E	ø 172 × 85	9.1	1150	4000	< 18.7
55-072K-10GHV/840, W + 00-00151E	ø 172 × 85	9.1	1090	4000	< 19
55-062C-10GHV/840, W + 00-00152E	ø 172 × 85	17	1990	4000	< 18.7
55-072K-10GHV/840, W + 00-00152E	ø 172 × 85	17	1890	4000	< 19
55-062C-10GHV/840, W + 00-00153E	ø 172 × 85	23.2	2570	4000	< 18.7
55-072K-10GHV/840, W + 00-00153E	ø 172 × 85	23.2	2320	4000	< 19

The indicated codes stand for a white luminaire with colour temperature of 4000K.

Notes	Beam angle	62, 64
	Colour of the luminaires	
	Colour Temperature	3000 K warm white 4000 K cool white 2700 K - 6500 K Tunable White
	Optic system	Opal diffuser Clear cover
	Connection of the luminaires	ON/OFF DALI ON/OFF + 1h emergency ON/OFF + 3h emergency DALI DT8 DALI + 1h emergency DALI + 3h emergency ON/OFF multiwatt
	Ra	80

Recessed and surface luminaires come complete with all necessary accessories. Reduction accessories can be ordered for assembly into larger openings (up to 230 mm) in false ceilings.

## Accessories



Code	Description
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55-0002, W	
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Notes

Accessories colour



Code	Description
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55-0003, W	wire suspension 1 wire, for cable 2m
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55-0004, W	wire suspension 1 wire, for cable 2m
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Notes

Accessories colour



## Legend

### Type of installation

	Recessed lights		Wall mounted lights
	Semi-recessed luminaire		Suspended lights
	Surface lights		Free-standing lights
	3 circuit track lights		Table lamp lights

### Light distribution

	Direct luminaire
	Direct-indirect luminaire
	Indirect luminaire

### Light source

	<b>Tunable White</b> adjusting the color temperature		<b>RealWhite</b> true display of white color
	<b>RealColour</b> true display of colors Ra≥97		<b>StrongColour</b> highlight one color

### Marks

	Luminaire of electrical classification I (accessible conductive parts are connected to a protective cable)
	Luminaire of electrical classification II (accessible conductive parts are connected to a protective cable)
	Luminaire of electrical classification III (protection against electric shock is based on double or reinforced insulation)
	European mark of conformity that indicates the conformity of the properties of the product with all the harmonized standards and regulations of the European Community that apply to it
	Luminaires are certified according to the European ENEC system
	Recommended mounting hole size

**IPxy** IP code indicating the degree of protection of live parts

**EAC** Eurasian Conformity

## 11S-501I-20GGE/840, W

11S-501I-20GGE/840, W

11S-501I-20GGE/840, W

11S-501I-20GGE/840, W

**Optic system**

**Electrical connection**

**Colour**

### Optic system

<b>B</b>	Microprismatic system, low UGR	<b>L</b>	Plain aluminium reflector
<b>C</b>	Clear cover	<b>M</b>	Matt parabolic louvre
<b>D</b>	Asymmetric reflector	<b>S</b>	SPOT - narrow angle
<b>E</b>	Polished parabolic louvre, high LOR	<b>U</b>	MEDIUM - middle angle
<b>F</b>	FLOOD - wide angle	<b>W</b>	Wide beam angle
<b>I</b>	Microprismatic optical system	<b>Z</b>	Plastic louver, low UGR
<b>K</b>	Opal diffuser		

### Electrical connection

<b>/BT</b>	Luminaires controlled via Bluetooth technology	<b>P</b>	Sensor and electronic ballast
<b>D</b>	DALI dimmable	<b>T</b>	By switch dimmable (touch dimm)
<b>E</b>	Electronic ballast non-dimmable	<b>TD</b>	DALI or by switch (touch dimm) dimmable
<b>M</b>	Electronic ballast non-dimmable with 1h emergency	<b>U</b>	Dimmable luminaire with dimmer on the luminaire
<b>M3</b>	Electronic ballast non-dimmable with 3h emergency		

### Colour

<b>W</b>		<b>B</b>		<b>S</b>	
<b>1021</b>		<b>2000</b>		<b>3020</b>	
<b>5015</b>		<b>6018</b>		<b>7016</b>	
<b>9006</b>		<b>9010</b>			

### Značky typu

	Smart – Luminaire or the lighting system controlled by motion, daylight or via smart devices using Bluetooth technology
	Acoustic – Luminaire with acoustic absorption properties which reduce disturbing noise and improve the acoustics of the room
	Multiwatt – Luminaires with individually adjustable luminous flux using a special antenna or mobile application

**UGR** UGR – The luminaire suitable for office spaces