



## Family

# Unda-S



Rob van Beek came up with the Unda-S designer light while sitting on the shore and gazing at the sea. The three-dimensional LED lighting was given the unique shape of a sea wave which we produced from bent aluminum sheet and a diffuser was added, enabling it to transmit and disperse light perfectly. You can use the luminaire separately or together. The creative concept of the Unda luminaire plays with freedom in design. A series of three-dimensional assemblies of circles, waves, and other shapes can be created from the bottom and top waves. The Unda livens up restaurants, bars, reception areas, as well as bank offices or living rooms.

Type of installation	Suspended
Light distribution	Direct-indirect
Colour of the luminaires	Black, Silver, White
Colour Temperature	3000 K warm white, 4000 K cool white
Material	Aluminium
Light source	LED MODUL
MacAdam Light source	3
Connection of the luminaires	Other type of dimming
Lifetime	L80/B20 50 000 hours
Warranty	60 months

## Luminaire family variants Unda-S




### Unda-S

Assembly	Light distribution
	
Energy class	Marks
energy_class_g	



Code	Dimensions l/w/h (mm)	Power of the luminaire (W)	Luminous flux (lm)	Colour Temperature (K)	UGR
100S-511K-50GDTD/840, W	1345 × 406 × 144	75.5	5610	4000	< 25.7

AnThese codes represent white luminaires with chromaticity temperature 4000K and opal diffuser.

Notes	Colour of the luminaires	
	Colour Temperature	3000 K warm white 4000 K cool white
	Optic system	Opal diffuser
	Connection of the luminaires	Other type of dimming
	Ra	80


At least 1 upper and 1 lower wave is necessary for creating systems. For closed systems, please order the respective number of couplers. For systems with two ends, please order one pendant set.

### Unda-S

Assembly	Light distribution
	
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100S-501K-50GDTD/840, W	1345 × 406 × 144	75.5	5610	4000	< 25.7

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## 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>RAL 9003</b>	<b>B</b>		<b>RAL 9005</b>	<b>S</b>		<b>TIGER 09/90530</b>
<b>1021</b>		<b>RAL 1021</b>	<b>2000</b>		<b>RAL 2000</b>	<b>3020</b>		<b>RAL 3020</b>
<b>5015</b>		<b>RAL 5015</b>	<b>6018</b>		<b>RAL 6018</b>	<b>7016</b>		<b>RAL 7016</b>
<b>9006</b>		<b>RAL 9006</b>	<b>9010</b>		<b>RAL 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