

BRUMBERG

Light.
For Generations.



LOOP[®]

Light Of Ocean Plastic.

The first certified LED recessed luminaire housing
made from 100% Recycled Ocean Plastic.

www.brumberg.com

An aerial photograph of ocean waves, showing intricate white foam patterns against deep blue water. A teal rectangular box is centered in the lower half of the image, containing the LOOP logo and tagline.

LOOP[®]
Light Of Ocean Plastic.

„Be the change you wish
to see in the world.“

- Mahatma Gandhi

Light. Ressource saving and recyclable.

For a clean future.

How can light be made as sustainable as possible?

For the development of our first sustainable luminaire LOOP® four dimensions were in the foreground from the very beginning.

The luminaire system.

The housing is made of 100% Ocean Plastic, which is extracted from the oceans. Both the housing and the converter housing in the set variant are made from this material. For the electronic components, we use 100% recyclable components from returns to create a circular product throughout.

The recyclable manufacturing cycle means components can be easily replaced, serviced, repaired or reused for new products. From a light fixture yesterday to a shoe, pen, fender and more for tomorrow. If we don't think circular, we'll continue to create landfills.

The illuminant.

High efficiency and a long service life reduce environmental impact effects, save electricity and reduce maintenance costs. Our choice for LOOP®: The LED, the most sustainable and environmentally friendly light source. LED technology has an impressive eco-balance: over 90% of CO² emissions are generated during operation, only 2% during production. Long-life light sources, luminaires and control gear extend modernization intervals.

High-quality lighting combines good visual conditions, pleasant atmosphere and positive effects on body and health. LOOP® can be used with its variable LED module inserts for optimal basic lighting as well as impressive accent lighting. The efficient light increases safety and well-atng, making it possible to improve the quality of life.

The control.

Lighting management enables variable lighting scenes, daylight tuning, presence control and a high level of comfort. Control with sensor technology offers the greatest savings potential: In combination with our wide range of LED systems, energy consumption can be reduced by up to 80 %. The Building Energy Act (GEG) requires the use of lighting management systems as a minimum standard, especially in areas with low occupancy. LOOP® can be integrated into all common light management systems, from simple on/off to DALI and KNX control solutions.

Good lighting design takes into account the needs of the user and optimizes energy consumption. LOOP® offers standard-compliant light that is tailored to the application area and the individual user.

US.

It depends on all of us. Our desire for sustainability shapes all areas of life. A sensible balance is crucial to caring for the earth and preserving it for the future. If we think long-term, it is easier for us to make decisions for sustainable products and services.

We can develop sustainably through the circular use of resources, green energy generation and conscious, demand-oriented consumption. It is essential to internalize these approaches and set an example.

LOOP® - Light Of Ocean Plastic.

The first certified LED recessed luminaire housing made from 100% Recycled Ocean Plastic.

Plastic waste in the ocean is a global catastrophe that we must do something about. We are making an important contribution with the first luminaire whose plastic content consists of 100 percent „Recycled Ocean Plastic“. With LOOP®, we are setting new standards for sustainable lighting solutions on the global market that reflect high quality, functionality and aesthetics. Because sustainability is not just a fleeting trend. For more and more consumers, this is precisely an important factor in their purchasing decisions.

LOOP®



re:think

According to an initial estimate, 4.8 to 12.7 million tons of plastic waste end up in the ocean every year - the equivalent of about one truckload per minute. Fishing nets also damage the fauna and flora of our oceans and take up to 6 centuries to completely disintegrate. One way to offset at least some of the pollution is to collect and recycle this carelessly discarded raw material.



re:spect

Our claim to be able to offer a luminaire that is not only energy-efficient but also sustainable in its components is met with the LOOP® recessed LED spotlight. It's all about thinking outside the box: for future generations. For us, sustainability means finding the right balance for ecology, economy and social issues for the future and making them an integral part of the company.



re:cycle

The path to reusable and high-quality plastic begins, for example, with the collection of discarded fishing nets on beaches and coasts. These are then cleaned, sorted, shredded and processed into recycled polyamide. The result is a material that meets the highest quality standards and is used primarily in high technology.



re:use

The recessed ceiling spotlight offers maximum scope for flexibility. Depending on the lighting requirements, a choice can be made between more than 30 different LED modules with a wide range of technologies from our company. Customers also have the option of opting for the LOOP® set. This consists of the Ocean Plastic housing, phase-dimmable converter with Ocean Plastic converter housing and 5 W LED module with 3,000 K. Important for a comprehensively positive environmental balance: All parts of the luminaire can be recycled and the packaging is also environmentally friendly thanks to plastic-free materials.

The origin. From fishnet to sustainable recessed ceiling spotlight.



Collecting old fishing nets in the sea.



Sorting by material type.



Shredding, washing and drying of usable materials.



Production of a quality-controlled plastic granulate for further processing.



Casting and molding of the housing.



Color finishing on an ecological basis.



LOOP®. Sustainability thought ahead.

100% recycled and recyclable luminaire housing with highly efficient LED technology in a modern and elegant design.



- **4 preassembled standard sets dimmable**

Consisting of fixture, LED module (CRI > 90) and converter.
Easy and quick installation.

- **4 recessed housings**

In 2 colours and 2 shapes with over 30 interchangeable
LED modules combinable.

- **Always tiltable 20° as desired**

- **L80/B20 at 25 °C 50.000 h**

Modern and high quality LED technology.

- **Simple and modern look**

No snap ring.

- **100 % recycled**

Recycled and recyclable.

In total: All around sustainable in material and efficiency.



**LOOP®-R LED recessed spot set,
Phase section dimmable**

NEW

Set incl. Converter for 230 V-Line voltage, Phase section dimmable, Dimensions Converter: L 72 x B 45 x H 23 mm (Converter housing also from Ocean Plastic Material)

Illuminant: LED, Colour rendering: CRI > 90, Performance: 5 W, Swivel angle: 38°, Material: Nylon / Magnesium hydroxide / Fibreglass

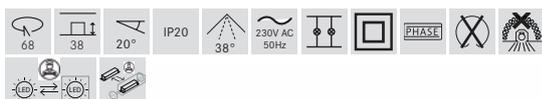
**LOOP®-S LED recessed spot set,
Phase section dimmable**

NEW

Set incl. Converter for 230 V-Line voltage, Phase section dimmable, Dimensions Converter: L 72 x B 45 x H 23 mm (Converter housing also from Ocean Plastic Material)

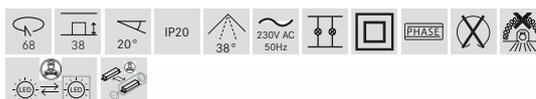
Illuminant: LED, Colour rendering: CRI > 90, Performance: 5 W, Swivel angle: 38°, Material: Nylon / Magnesium hydroxide / Fibreglass

Article no.	Colour	Luminous	Colour tempe-	Price €
39383173	NEW white structure	450 lm	3.000 K	57,70
39383183	NEW black structure	450 lm	3.000 K	57,70



This articles are subject to discount group 1.

Article no.	Colour	Luminous	Colour tempe-	Price €
39385173	NEW white structure	450 lm	3.000 K	59,00
39385183	NEW black structure	450 lm	3.000 K	59,00



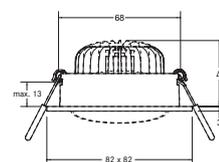
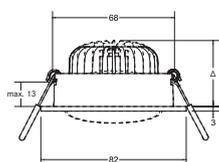
This articles are subject to discount group 1.



„We have chosen the **RCS (Recycled Claim Standard)** – a standard for traceability of recycled raw materials within a supply chain. This way we can be sure that only Ocean Plastic is used for our product LOOP®.“

- Manfred Goeke, Productmanagement





LOOP®-R Recessed spot for LED - without LED module

NEW

All Brumberg MR16 LED modules can be used for the LOOP recessed unit. The installation depth of the luminaire depends on the LED module used in each case (here: 5 mm, plus height of the LED module). The LED module is not included in the scope of delivery of the flush-mount unit.

Illuminant: For LED, Version: without setting, Performance: 14 W, Material: Nylon / Magnesium hydroxide / Fibreglass

You will find related LED modules from page 12.
You will find an overview of suitable power supply units on page 13.

Article no..	Colour	Price €
27063170	NEW white structure	28,80
27063180	NEW black structure	28,80



This articles are subject to discount group 1.

LOOP®-S Recessed spot for LED - without LED module

NEW

All Brumberg MR16 LED modules can be used for the LOOP recessed unit. The installation depth of the luminaire depends on the LED module used in each case (here: 5 mm, plus height of the LED module). The LED module is not included in the scope of delivery of the flush-mount unit.

Illuminant: For LED, Version: without setting, Performance: 14 W, Material: Nylon / Magnesium hydroxide / Fibreglass

You will find related LED modules from page 12.
You will find an overview of suitable power supply units on page 13.

Article no.	Colour	Price €
27065170	NEW white structure	31,00
27065180	NEW black structure	31,00



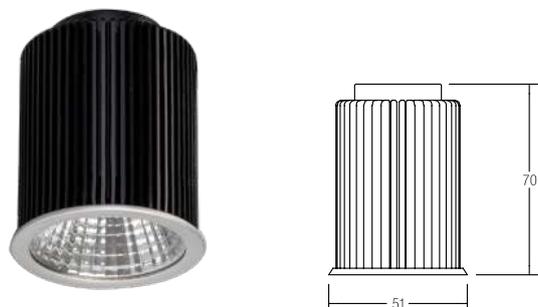
This articles are subject to discount group 1.



LED modules. Individual selectable.

The right light for every situation.

The LOOP® recessed housing can be combined with the following LED modules. This means the highest possible flexibility for you in the selection of technology, color temperature, power and beam angle.



**LED reflector insert MR16, 12 W,
350 mA, CRI > 80**

Article no.	Colour temperature	Luminous flux	Swivel angle	Price €
12953003	2.700 K	1.120 lm	38°	99,90
12954003	3.000 K	1.210 lm	38°	99,90
12954004	3.500 K	1.240 lm	38°	99,90
12953004	4.000 K	1.250 lm	38°	99,90



**LED reflector insert MR16, 6 W,
350 mA, CRI > 80**

Article no.	Colour temperature	Luminous flux	Swivel angle	Price €
12923383	2.700 K	600 lm	38°	63,50
12923603	2.700 K	570 lm	60°	63,50
12924383	3.000 K	680 lm	38°	63,50
12924603	3.000 K	660 lm	60°	63,50
12924384	3.500 K	680 lm	38°	63,50
12924604	3.500 K	660 lm	60°	63,50
12923384	4.000 K	720 lm	38°	63,50
12923604	4.000 K	700 lm	60°	63,50

**LED reflector insert 12W Reflektor,
350 mA, dim2warm**



Article no.	Colour temperature	Luminous flux	Swivel angle	Price €
12965003	3.000 -1.800 K	930 lm	38°	119,90

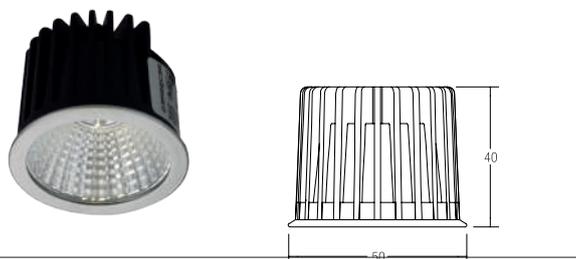
This articles are subject to discount group 1.

**LED reflector insert MR16, 6 W,
350 mA, dim2warm**



Article no.	Colour temperature	Luminous flux	Swivel angle	Price €
12963383	3.000 -1.800 K	460 lm	38°	79,90
12963603	3.000 -1.800 K	460 lm	60°	79,90

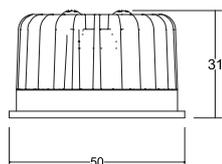
This articles are subject to discount group 1.



**LED reflector insert MR16, 3 W,
350 mA, CRI > 80**

Article no.	Colour temperature	Luminous flux	Swivel angle	Price €
12925003	2.700 K	290 lm	38°	44,50
12926003	3.000 K	310 lm	38°	44,50
12925004	4.000 K	340 lm	38°	44,50

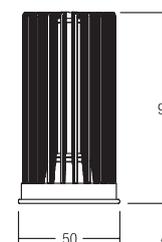
This articles are subject to discount group 1.



DISC LED insert MR16, 6 W, with lens optics, 350 mA, CRI > 80

Article no.	Colour temperature	Luminous flux	Swivel angle	Price €
12920183	3.000 K	640 lm	18°	39,50
12920243	3.000 K	690 lm	24°	39,50
12920003	3.000 K	670 lm	38°	39,50
12920603	3.000 K	620 lm	60°	39,50
12920184	4.000 K	685 lm	18°	39,50
12920244	4.000 K	740 lm	24°	39,50
12920004	4.000 K	720 lm	38°	39,50
12920604	4.000 K	660 lm	60°	39,50

This articles are subject to discount group 1.



LED reflector insert MR16, 12,5 W, 350 mA, CRI > 97, SunLike

Article no.	Colour temperature	Luminous flux	Swivel angle	Price €
12983003	3.000 K	920 lm	38°	119,90

This articles are subject to discount group 1.

Suitable LED-Converter 350 mA:

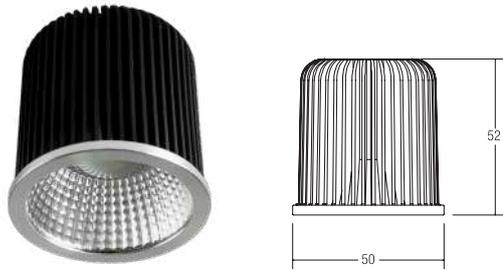
switchable, Plug&Play + Connection box, 1-15 W, 350 mA
Article no. 17613020 | Price 62,90 €

Phase section dimmable, Plug&Play + Connection box, 10,15-14 W, 350 mA
Article no. 17664020 | Price 62,30 €

DALI dimmable, (digital), Plug&Play + Connection box, 3,5-17 W, 350 mA
Article no. 17683020 | Price 97,70 €

LED-Converter-Assignment for 350 mA LED modules.

1 x 3 W	1 x 6 W	1 x 12 W	Phase section					d2w		Dimension Converter	Performance Converter	Articlenumber
			switchable	1-10 V	DALI	ZigBee	Casambi	6 W	12 W			
✓	-	-	✓	-	-	-	-	-	-	L 52 x B 30 x H 23 mm	1-5 W	17666000
✓	✓	-	✓	-	-	-	-	-	-	L 68 x B 35 x H 21 mm	1-7,2 W	17662000
✓	✓	✓	✓	-	-	-	-	-	-	L 115 x B 34 x H 19 mm	1-15 W	17613000
✓	✓	✓	✓	-	-	-	-	-	-	L 128 x B 50 x H 13 mm	1-21 W	17621000
✓	✓	-	-	✓	-	-	-	-	✓	L 110 x B 50 x H 19 mm	2,8-7 W	17663000
-	✓	-	-	✓	-	-	-	-	✓	D 51 x H 24 mm	4,9-7 W	17652000
-	✓	-	-	✓	-	-	-	-	✓	L 102 x B 38 x H 21 mm	4,2-10 W	17640000
-	-	✓	-	✓	-	-	-	-	✓	L 125 x B 51 x H 20 mm	10,15-14 W	17664000
-	-	✓	-	✓	-	-	-	-	✓	L 110,5 x B 52 x H 22 mm	8,75-18 W	17643000
✓	✓	✓	-	✓	-	-	-	-	-	L 166 x B 46 x 34 mm	0,7-17 W	17648000
-	✓	✓	-	-	✓	-	-	-	✓	L 110,5 x B 52 x H 22 mm	5,25-18 W	17657000
-	✓	✓	-	-	-	✓	-	-	✓	L 110,5 x B 52 x H 22 mm	3,5-17 W	17683000
✓	✓	-	-	-	-	✓	-	-	✓	L 130 x B 42 x H 22 mm	2,8-7 W	17684000
✓	✓	-	-	-	-	✓	-	-	✓	D 56 x H 25 mm	2,1-9 W	17658000
-	✓	✓	-	-	-	-	✓	-	✓	L 146,5 x B 44 x H 30 mm	3,5-18,5 W	17671000
-	✓	✓	-	-	-	-	-	✓	✓	L 146,5 x B 44 x H 30 mm	3,5-18,5 W	17672000



**LED reflector insert MR16, 8 W,
24 V DC, CRI > 90**

Article no.	Colour		Swivel angle	Price €
	temperature	Luminous flux		
12823003	2.850 K	900 lm	60°	109,90

[This articles are subject to discount group 1.](#)

Suitable LED power supply unite 24 V:

switchable, 1-20 W

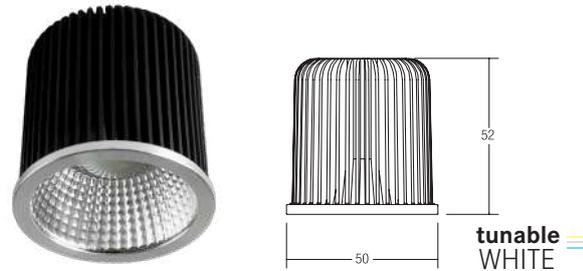
Article no. 17240000 | Price 29,90 €

1-10 V dimmable (analogue), 1-20 W, 24 V

Article no. 17206000 | Price 69,90 €

dimmable, 5-30 W, 24 V

Article no. 17230000 | Price 64,90 €



**LED reflector insert MR16, 8 W,
24 V DC, CRI > 90, TunableWhite**

Article no.	Colour		Swivel angle	Price €
	temperature	Luminous flux		
12843004	2.000 – 6.500 K	318 – 415 lm**	60°	169,90

**Luminous flux: 318 lm at 2000 K, 374 lm at 4000 K, 415 lm at 6500 K

[This articles are subject to discount group 1.](#)

Suitable LED power supply unit 24 V:

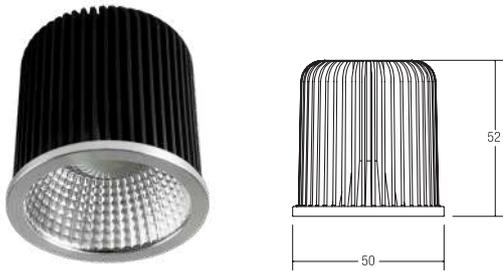
1-10 V dimmable (analogue), 1-20 W, 24 V

Article no. 17206000 | Price 69,90 €

TunableWhite-Radio control

TunableWhite-Set (Controller incl. Remote control)

Article no. 17518000 | Price 129,90 €



**LED reflector insert MR16, 8 W,
24 V DC, CRI > 90, dim4colour (RGB+WW)**

Article no.	Colour tempe-		Swivel angle	Price €
	rature			
18438002	RGB + WW		60°	169,90

[This articles are subject to discount group 1.](#)

Suitable LED power supply unit 24 V:

switchable, 1-100 W, 24 V

Article no. 17224000 | Price 149,90 €

RGBW-Radio control,

RGBW-Set (Controller incl. Remote control)

Article no. 18223000 | Price 139,90 €



**LED insert MR16 with lens optics,
12 V DC, RGB**

Article no.	Colour tempe-		Swivel angle	Price €
	rature	EnergiEfficiency class		
18101001	RGB	Special product*	45°	171,50

[This articles are subject to discount group 1.](#)

*Special product.

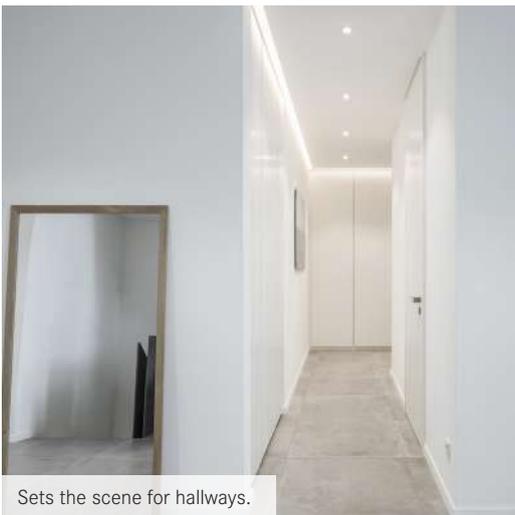
Attention! The product with the LichtColour RGB is a special product. This product, with these LightColours, is used for coloured lighting. The spectral distribution of the light is used to change the appearance of illuminated scenes or illuminated objects in addition to making them visible. The product is not intended for use in other applications. The Special product is not suitable for room lighting in the home.

LOOP® - universally applicable.

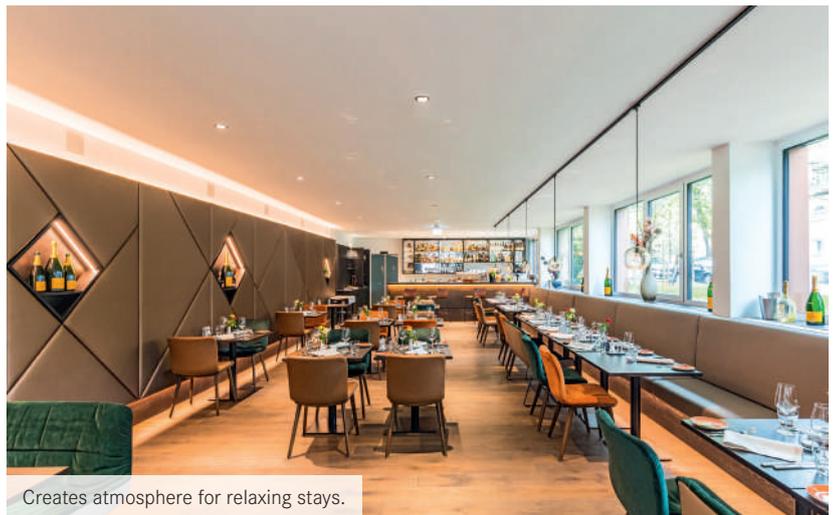
Sustainable lighting for a wide range of applications and building types.



Gives the ambience the final touch.



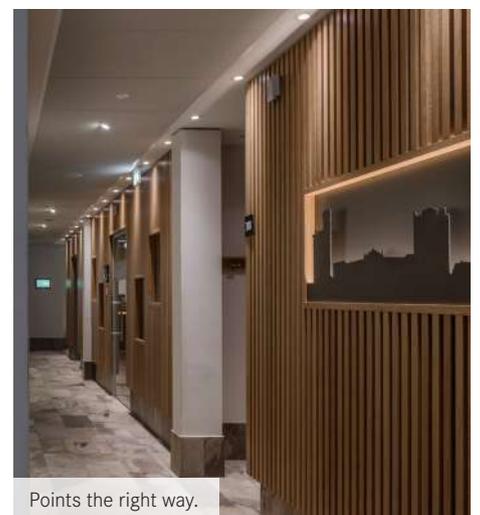
Sets the scene for hallways.



Creates atmosphere for relaxing stays.



Provides a bright and glare-free light.



Points the right way.

Light. For more quality of life.

Brumberg – Your partner for sustainable lighting.



Ecological success, conservation of natural resources and social commitment.

„Finding the right balance for the future. For us, sustainability means future viability. Or simply doing the right thing. And if something is sustainable, it is permanently sensible.

For us, that means finding the right balance for ecology, economy and social issues and to make it an integral part of our family-run company.

In all our endeavors, we have to look beyond our for the sake of future generations.“

– Johannes und Benedikt Brumberg, *Management*



Efficient, clean and sustainable lighting solutions.

Brumberg concrete.

Ökoprofit certification.

Resource-efficient management.
We are taking part.

Goal: To significantly reduce our CO2 footprint. significantly. At the corporate level we have been certifying our entire corporate processes with Ecoprofit since December 2021. This applies to our CO2 footprint at the site, in transport routes, and in product development.



WaldLokal.

Regional support for
the Sauerland forest.

Forestry that creates forests for tomorrow that are naturally suitable for the future, can be managed and can become native to the region.



Cradle-2-Cradle certification.

Designing products sustainably.

With our first product developments, we are pursuing C2C certification. The cradle-to-cradle principle describes a continuous and consistent circular economy. In this process, products are broken down into single-variety starting materials after use, whereby the material quality is retained and returned to technical cycles.

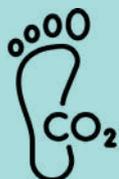
(MELODY floor lamp)



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Plastic waste in the ocean is a global catastrophe that we must do something about. We are making an important contribution with the first luminaire whose plastic content consists of 100 percent „Recycled Ocean Plastic“.



40,2 Tonnen



45.399 kWh

We are on the way.

Savings. Forecast figures for the year 2023.

You can find more information about sustainability at Brumberg online:

www.brumberg.com/de/nachhaltigkeit



Article no.	Page	Price €	Discount group	Product group
12823003	14	109,90 €	1	676 Illuminant
12843004	14	169,90 €	1	676 Illuminant
12920003	13	39,50 €	1	676 Illuminant
12920004	13	39,50 €	1	676 Illuminant
12920183	13	39,50 €	1	676 Illuminant
12920184	13	39,50 €	1	676 Illuminant
12920243	13	39,50 €	1	676 Illuminant
12920244	13	39,50 €	1	676 Illuminant
12920603	13	39,50 €	1	676 Illuminant
12920604	13	39,50 €	1	676 Illuminant
12923383	12	63,50 €	1	676 Illuminant
12923384	12	63,50 €	1	676 Illuminant
12923603	12	63,50 €	1	676 Illuminant
12923604	12	63,50 €	1	676 Illuminant
12924383	12	63,50 €	1	676 Illuminant
12924384	12	63,50 €	1	676 Illuminant
12924603	12	63,50 €	1	676 Illuminant
12924604	12	63,50 €	1	676 Illuminant
12925003	12	44,50 €	1	676 Illuminant
12925004	12	44,50 €	1	676 Illuminant
12926003	12	44,50 €	1	676 Illuminant
12953003	12	99,90 €	1	676 Illuminant
12953004	12	99,90 €	1	676 Illuminant
12954003	12	99,90 €	1	676 Illuminant
12954004	12	99,90 €	1	676 Illuminant
12963383	12	79,90 €	1	676 Illuminant
12963603	12	79,90 €	1	676 Illuminant
12965003	12	119,90 €	1	676 Illuminant
12983003	13	119,90 €	1	676 Illuminant
18101001	14	171,50 €	1	676 Illuminant
18438002	14	169,90 €	1	676 Illuminant

Article no.	Page	Price €	Discount group	Product group
27063170	10	28,80 €	1	688 Spot
27063180	10	28,80 €	1	688 Spot
27065170	10	31,00 €	1	688 Spot
27065180	10	31,00 €	1	688 Spot
39383173	9	57,70 €	1	688 Spot
39383183	9	57,70 €	1	688 Spot
39385173	9	59,00 €	1	688 Spot
39385183	9	59,00 €	1	688 Spot



re:think re:spect re:cycle re:use

BRUMBERG

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PREMIUM | **MARKEN**
Partner 

BRUMBERG products are only available from your electrician. According to DIN VDE 0100, installation and acceptance of electrical devices may only be carried out by a qualified electrician.



Ressourceneffizientes Wirtschaften. Wir machen mit.



ÖKOPROFIT
Soest-Sauerland