PRODUCT CATALOGUE

2022

support by   seTup.lighting

VISIBLE EMOTIONS

INNOVATIVE LIGHTING SOLUTIONS MADE OF WOOD
AND
OTHER NATURAL MATERIALS

AS INDIVIDUAL AS YOUR PERSONAL FINGERPRINTS

Get more attention through differentiation and benefit from the unfair market advantage

Offer your clients a unique lighting experience even if the light is switched off. Lights made of natural materials, perfectly balanced with the environment in terms of design and function, inspire each day on new. In this way you increase your visibility by making your project stand out from the crowd and attracting enthusiastic customers.

Use the power of nature and intelligent control systems for more health, well-being and comfort

Inspire with unique natural materials and unbelievable design freedom, which will be associated with you and your company long after installation. Thus your projects will automatically generate new requests.

Save valuable time and costs with professional support in planning and implementation

Benefit from our many years of project experience in lighting technology, intelligent control systems and extensive knowledge of LED development. Get convincing visualizations and 3D models for easy integration into your own projects.

We look forward to realize unique projects in cooperation with you!

Hoogaerts
lichttechniek

LED TEXTILE

PORTFOLIO

DONUT LED

The Donut LED lamp is an exclusive product that can be used in various areas: hotels, restaurants, halls, as well as in private households. Our high quality fabrics are also available in B1 quality. The LED technology convinces with a lot of brightness and low power consumption. The combination with curtains leaves nothing to be desired. There is a lot of love and personality in every sewn fabric cover.

DONUT LED CLASSIC
120 x 30 cm

Our textiles are made by people with disabilities. This means that behind each lamp there is a unique personality and a lot of love.

	Donut LED
Dimensions	Diameter 1200 x 300 mm
Power consumption	78 W
Installed light output @ 3000 K	10500 lm
Beam angle	lambertian
Efficacy	up to 110 lm / W
Color temperature	3000 K, 4000 K, Tuneable White
Color rendering index CRI	CRI >90
Lifetime	L90B10 – 70 000 Hours
Driver	FIX, DALI
Temperature rating	0 - 35 ° C
Materials	Diffusor: Polycarbonate, Textile: PES, Cover: Aluminium

Yellow 19179

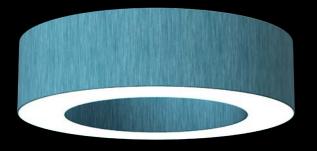Orange 19128

Peach 19130

Green 19133

Petrol 19168

Rosa 19178

Light brown 19163

Lila 19103

Dark brown 19161

Dark blue 19113

Red 19155

Grey 19139

YOUR ADVANTAGES WITH DONUT LED

1 REDUCE YOUR ELECTRICITY BILL
The light source consists of LED modules that can save up to 70% of energy compared to traditional incandescent lamps. Their lifetime is up to 70,000 hours.

2 MINIMUM TRANSPORT COSTS AND ENVIRONMENTAL FRIENDLY
The Donut LED is based on a pendant design that minimizes transport volume. This leads to low transport costs and also protects our environment from CO2 pollution. A plastic-free package is a matter of course.

3 HARDLY IGNITABLE MATERIAL
The DONUT LED can be delivered in B1 quality as an option and thus complies with DIN 4102-1 fire protection class for materials that are difficult to ignite and therefore are used in public areas.

4 BLUETOOTH OPTION
The Donut LED can be controlled with a smartphone or tablet. The functions include switching on / off, dimming and programming of time-dependent sequences. The intensity and color temperature can thus be set depending on the time of day and will support our natural biologic rythm.

5 CHANGE YOUR DESIGN WHENEVER YOU WANT
Thanks to the removable textile, you can change the appearance of the lamp at any time and adapt it to new requirements. Life changes - Donut LED changes with it.

6 BE CREATIVE
We offer you a customized design. Benefit from a variety of colors and patterns, as well as personal advice for your interior design. We deliver as well curtains or other room textile elements with the same fabric as the lamp.

Donut LED

Low transport costs and less transport damages due to hanging construction

Fabric exchangeable and washable

Good acoustic absorbation due to 1.9 m2 vertical area

B1 quality according to DIN 4102-1 (optional)

220-240V 50-60Hz	□	CE	ON OFF	DALI	BLUE TOOTH	McA 3	IP 20

Installation:	Suspended
Optic:	Diffusor
Light distribution:	direct
Driver:	FIX, DALI, Bluetooth® (in luminaire)
Materials:	Housing - Aluminium
	Textile - PES
	Diffusor - Polycarbonate
Weight:	5 kg
Lifetime:	L90B10 70.000 Hours
Ambient temperature:	0 / +35° C

Dimensions:

Ø 786
Ø1179
315
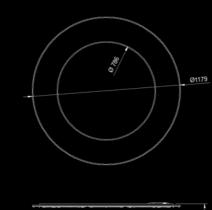
Code	Power	CRI	CCT	Inst. Lumen
DON1200	52 W	> 90	3000 K	7000 lm
DON1200	78 W	> 90	3000 K	10500 lm

Tolerance of light output and color temperature: +/- 10%

Order example:

DON1200	-	Power	-	CRI / CCT	-	Driver	-	Color code	-	OPTION
DON1200	-	52	-	930	-	FIX	-	19133	-	XYZ

We reserve the right to change product specifications without prior information

WOOD LINEAR LED

PORTFOLIO

TECHNICAL EVALUATION

We check your design proposal and evaluate the possibility of realization. Alternatively we work out needed modifications

DESIGN

Just send us your design in form of a simple sketch, drawing or picture. Indicate dimensions and wished wood types

DESIGN RELEASE

With help of 3D models and renders we come back to you to discuss and agree on the final solution including price

in just

6 WEEKS

SHIPMENT

When we ship out your order you will get a notice including tracking number

PRODUCTION

Our production process is a combination of CNC milling, turning and handmade finishing

PACKAGING

As packaging we use plastic - free environment friendly materials

WOOD FAMILY

Wood not only creates a pleasant living athmosphere, it also have a positive effect on the indoor climate and our personal well-being. This is the conclusion of several international studies carried out in recent years.

The physiologist and researcher Maximilian Moser from the University of Graz was also able to proof in studies that wood has a positive effect on cardiovascular scores and the ability of people to concentrate.
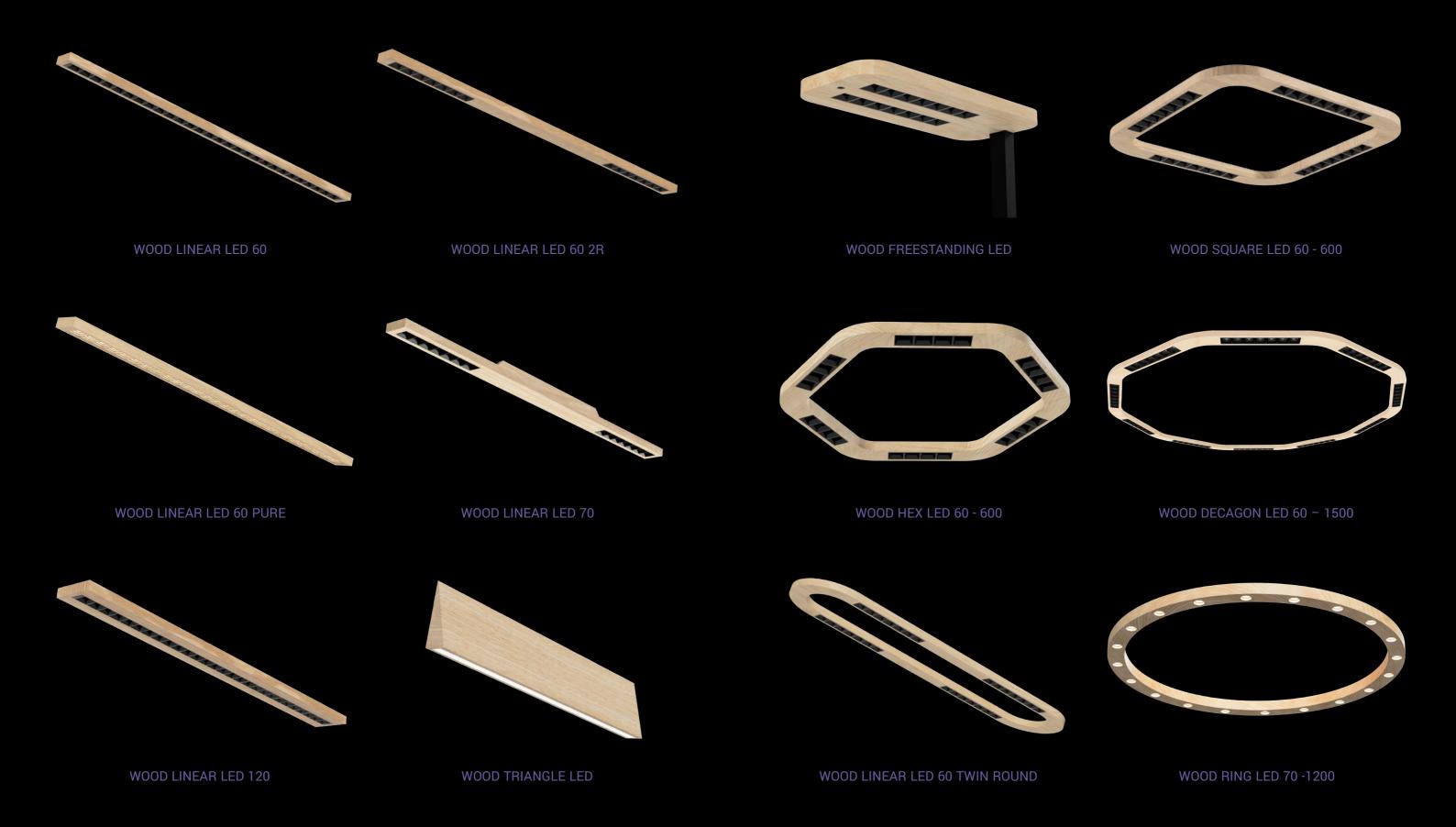
Also light has an positive impact on our circadian rhythm, concentration and well – being. Why not to combine both, solid natural wood with innovative LED technology and professional light characteristics!

„Chop your own wood and it will warm you twice"

Henry Ford

WOOD LINEAR LED 60

WOOD LINEAR LED 60 2R

WOOD FREESTANDING LED

WOOD SQUARE LED 60 - 600

WOOD LINEAR LED 60 PURE

WOOD LINEAR LED 70

WOOD HEX LED 60 - 600

WOOD DECAGON LED 60 – 1500

WOOD LINEAR LED 120

WOOD TRIANGLE LED

WOOD LINEAR LED 60 TWIN ROUND

WOOD RING LED 70 -1200

YOUR ADVANTAGES WITH WOOD LINEAR LED

1 SUSTAINABILITY

Wood conserves resources and the climate at the same time: As a renewable raw material, wood has an excellent ecological balance, which is by far the number 1 in building materials during the manufacturing process.

The natural material fascinate with unique positive charisma and let us feel comfortable due to the warm appearance. The antibacterial and antistatic characteristic provide as well a clean environment.

2 LONG LIFETIME AND COLOR STABILITY

By designing luminaires with natural wood, an innovative thermal management is the key for achieving long lifetimes and color stability of the light source over time. The linear LED engines are directly placed on a wide area aluminium backplate, so that the heat is not accumulated inside the housing and directly transferred to the environment. The wide area aluminium backplate is in fact just temperated (40-45°) and not being able to affect the wood.

WIDE AREA ALUMINIUM BACKPLATE

3 VISUAL COMFORT

The glare-free Dark Light System is featured by a shielded lens technology with black light chambers which do not reflect the light outside the wished beam angle. That means, the light is not visible on the luminaire meanwhile the room is nicely illuminated. The space turns into a glarefree environment for employees and endusers, parallel increasing their comfort and satisfaction.

Polycarbonate lens

Dark Light Reflector

4 HARMONIOUS DISTRIBUTION OF LIGHT

Rectangular lighting patterns result to a very uniform light distribution without hot-spots. Depending on the room dimensions and needed intensity you can choose between 50° and 80° beam angle. Luminaires with indirect light distribution have a batwing characteristic, which draw very wide and uniform light patterns to the ceiling. The light is reflected back from the ceiling and simulate the natural sky with a very soft light intensity.

5 FREEDOM IN DESIGN - FOR MANY YEARS

In our production process we combine CNC milling and hand-made finishing This allows you to adjust the design of the luminaires to the overall interior design - sharp corners, round corners, different dimensions, different wood types and surface finishings - just to mention a few.

On top of that, the luminaires are designed in a way that the wood housings are replaceable at any time by a few single steps.

Wood Linear LED 60

Anti-static and anti-bacterial natural wood housing

Visual comfort with Dark Light reflector system

Harmonious distribution of light due to rectangular light footprint

Supports our biologic clock by changing the color temperature according to daytime (optional)

Flame retardant according to DIN 4102 B1 and EN 13501-1 (optional)

220-240V 50-60Hz	☐	CE	ON OFF	DALI	BLUE TOOTH	McA 3	IP 20

Installation:	Suspended
Optic:	Dark Light Reflector 80°
Light distribution:	Direct
Driver:	FIX, DALI, Bluetooth® (inside ceiling)
Materials:	Housing - natural solid wood
	Reflector - polycarbonate
Wood type:	Ash, Oak, American Walnut
Weight:	1,2 kg
Lifetime:	L80B10 60.000 hours
Ambient temperature:	0 / +35° C
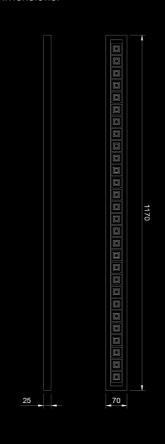
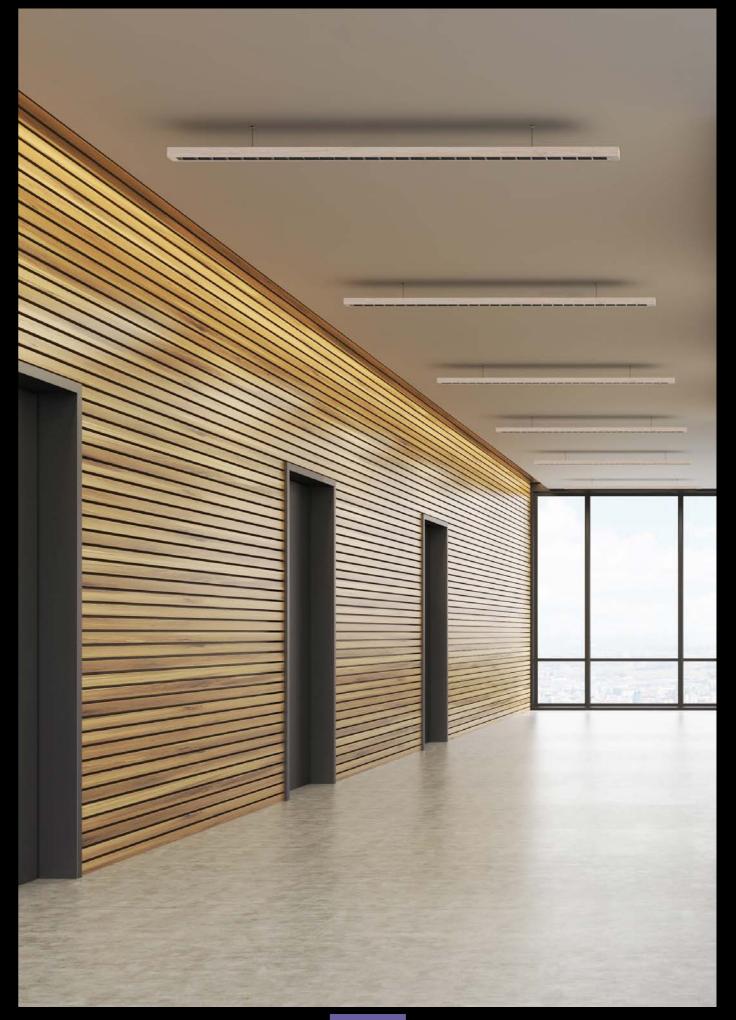| Code	Power	CRI	CCT	Lumen
WL60	27 W	> 90	3000 K	3480 lm
WL60	27 W	> 90	4000 K	3630 lm
WL60	28 W	> 90	TW (2700 - 6500 K)	3480 lm

Tolerance of light output and color temperature: +/- 10%

Dimensions:

1170

25   70

Order example:

WL60	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WL60	-	27	-	930	-	80	-	OAK	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

Wood Linear LED 60 2R

| 220-240V 50-60Hz | □ | CE | ON OFF | DALI | BLUE TOOTH | McA 3 | IP 20 |

Anti-static and anti-bacteria natural wood housing

Visual comfort with Dark Light reflector system

Harmonious distribution of light due to rectangular light footprint

Supports our biologic clock by changing the color temperature according to daytime (optional)
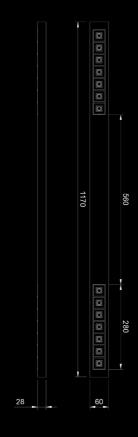
Flame retardant according to DIN 4102 B1 and EN 13501-1 (optional)

Installation:	Suspended
Optic:	Dark Light Reflector 80°
Light distribution:	Direct
Driver:	FIX, DALI, Bluetooth® (build in)
Materials:	Housing - natural solid wood
	Reflector - polycarbonate
Wood type:	Ash, Oak, American Walnut
Weight:	1,2 kg
Lifetime:	L80B10 60.000 hours
Ambient temperature:	0 / +35° C

Dimensions:

Code	Power	CRI	CCT	Lumen
WL602R	27 W	> 90	3000 K	3480 lm
WL602R	27 W	> 90	4000 K	3630 lm
WL602R	28 W	> 90	TW (2700 - 6500 K)	3480 lm

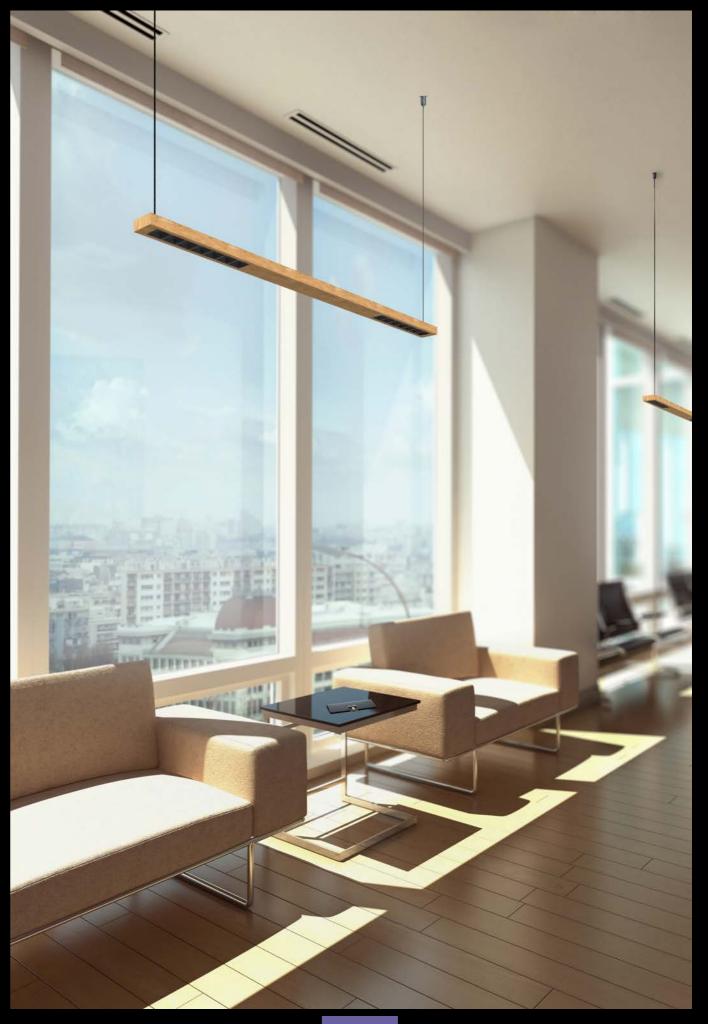Tolerance of light output and color temperature: +/- 10%

Order example:

WL602R	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WL602R	-	27	-	930	-	80	-	OAK	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

Wood Linear LED 60 PURE

Anti-static and anti-bacteria natural wood housing

Visual comfort with shielded lens technology and milled light chambers

Harmonious distribution of light due to rectangular light footprint

Supports our biologic clock by changing the color temperature according to daytime (optional)

Flame retardant according to DIN 4102 B1 and EN 13501-1 (optional)

220-240V 50-60Hz	⬜	CE	ON OFF	DALI	BLUE TOOTH	McA 3	IP 20

Installation:	Suspended
Optic:	Lens and milled reflectors 80°
Light distribution:	Direct
Driver:	FIX, DALI, Bluetooth® (inside ceiling)
Materials:	Housing - natural solid wood
	– –
Wood type:	Ash, Oak, American Walnut
Weight:	1,3 kg
Lifetime:	L80B10 60.000 hours
Ambient temperature:	0 / +35° C

Dimensions:

1170

25   60
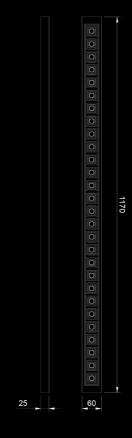
Code	Power	CRI	CCT	Lumen
WL60P	27 W	> 90	3000 K	3480 lm
WL60P	27 W	> 90	4000 K	3630 lm
WL60P	28 W	> 90	TW (2700 - 6500 K)	3480 lm

Tolerance of light output and color temperature: +/- 10%
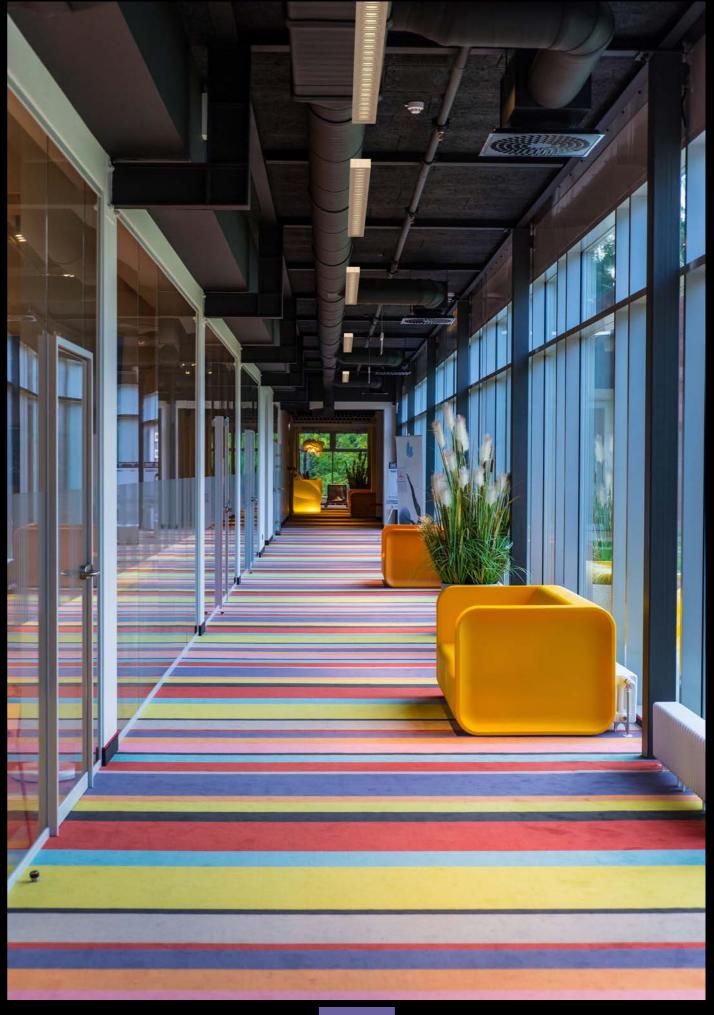
Order example:

WL60P	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WL60P	-	27	-	930	-	80	-	OAK	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

Wood Linear LED 70

220-240V 50-60Hz	☐	CE	ON OFF	DALI	BLUE TOOTH	McA 3	IP 20

Anti-static and anti-bacteria natural wood housing

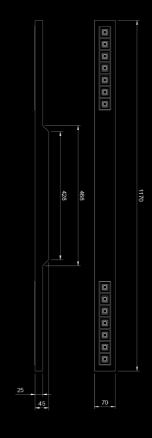Visual comfort with Dark Light reflector system

Harmonious distribution of light due to rectangular light footprint

Direct and indirect light distribution

Supports our biologic clock by changing the color temperature according to daytime (optional)

Flame retardant according to DIN 4102 B1 and EN 13501-1 (optional)

Installation:	Suspended
Optic:	Dark Light Reflector 80°
Light distribution:	Direct (66%) / indirect (34%)
Driver:	FIX, DALI, Bluetooth® (build in)
Materials:	Housing - natural solid wood
	Reflector - polycarbonate
Wood type:	Ash, Oak, American Walnut
Weight:	1,9 kg
Lifetime:	L80B10 60.000 hours
Ambient temperature:	0 / +35° C

Dimensions:

Code	Power	CRI	CCT	Lumen
WL70DI	32 W	> 90	3000 K	4060 lm
WL70DI	32 W	> 90	4000 K	4230 lm
WL70DI	33 W	> 90	TW (2700 - 6500 K)	3870 lm

Tolerance of light output and color temperature: +/- 10%

Order example:

WL70DI	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WL70DI	-	32	-	930	-	80	-	OAK	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

Wood Linear LED 120
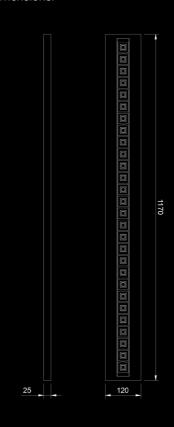

Anti-static and anti-bacteria natural wood housing

Visual comfort with Dark Light reflector system

Harmonious distribution of light due to rectangular light footprint

Supports our biologic clock by changing the color temperature according to daytime (optional)

Flame retardant according to DIN 4102 B1 and EN 13501-1 (optional)

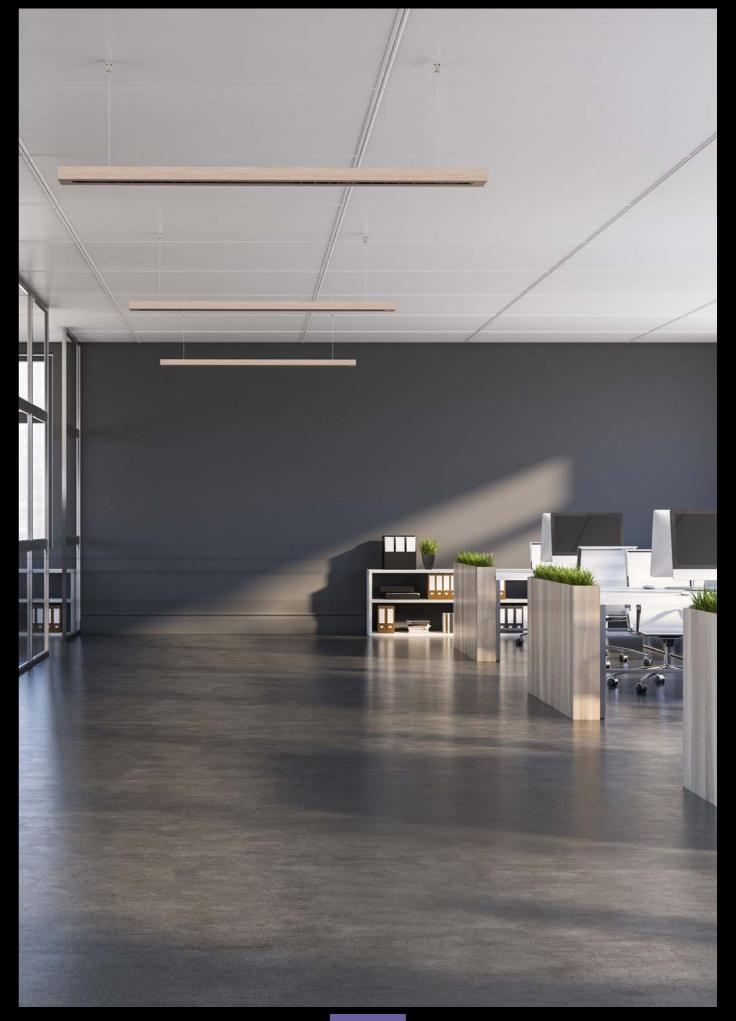| 220-240V 50-60Hz | | CE | ON OFF | DALI | BLUE TOOTH | McA 3 | IP 20 |

Installation:	Suspended
Optic:	Dark Light Reflector 80°
Light distribution:	Direct
Driver:	FIX, DALI, Bluetooth® (inside ceiling)
Materials:	Housing - natural solid wood
	Reflector - polycarbonate
Wood type:	Ash, Oak, American Walnut
Weight:	1,9 kg
Lifetime:	L80B10 60.000 hours
Ambient temperature:	0 / +35˚ C

Code	Power	CRI	CCT	Lumen
WL120	27 W	> 90	3000 K	3480 lm
WL120	27 W	> 90	4000 K	3630 lm
WL120	28 W	> 90	TW (2700 - 6500 K)	3480 lm

Tolerance of light output and color temperature: +/- 10%

Dimensions:

25   1170   120

Order example:

WL120	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WL120	-	27	-	930	-	80	-	OAK	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

Wood Triangle LED

Anti-static and anti-bacteria natural wood housing

Design without visible screws

Supports our biologic clock by changing the color temperature according to daytime (optional)

Flame retardant according to DIN 4102 B1 and EN 13501-1 (optional)

220-240V 50-60Hz	□	CE	ON OFF	DALI	BLUE TOOTH	McA 3	IP 20

Installation:	Wall mounted
Optic:	PMMA Difusor
Light distribution:	Direct
Driver:	FIX, DALI, Bluetooth®
Materials:	Housing - natural solid wood
	Optic - PMMA
Wood type:	Ash, Oak, American Walnut
Weight:	1,8 kg
Lifetime:	L80B10 60.000 Stunden
Ambient temperature:	0 / +35° C
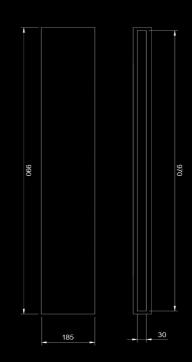
Code	Power	CRI	CCT	Lumen
WT	24 W	> 90	3000 K	1800 lm
WT	24 W	> 90	4000 K	1890 lm
WT	24 W	> 90	TW (2700 - 6500 K)	1800 lm

Tolerance of light output and color temperature: +/- 10%
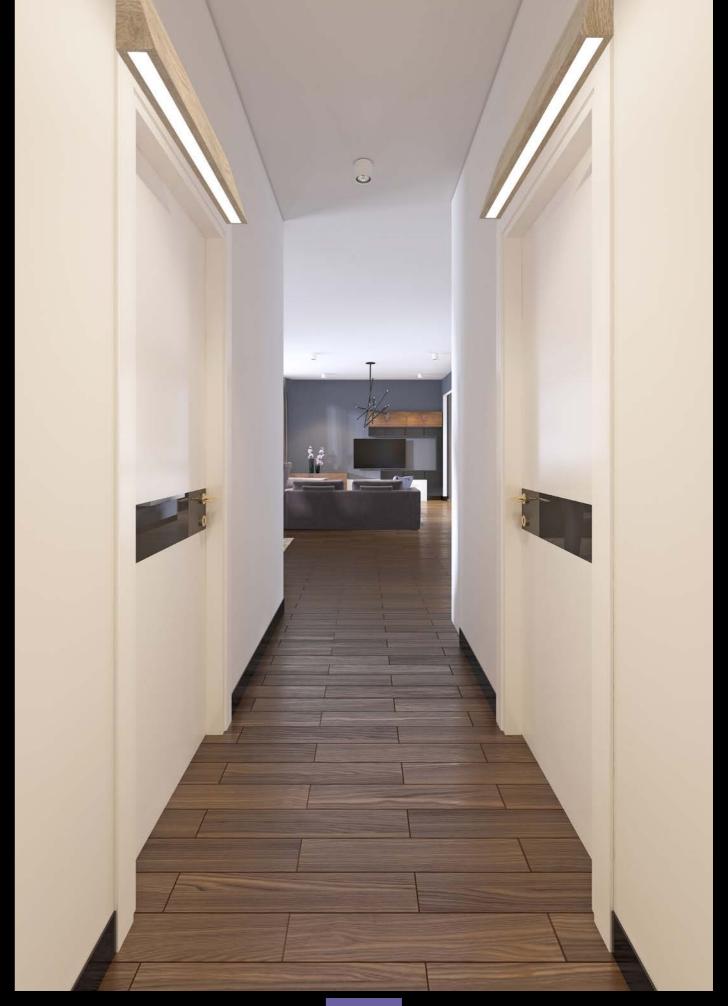
Dimensions:

990
970
185
30
65

Order example:

WT65x185x990	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WT65x185x990	-	24	-	930	-	DIFF	-	Eiche	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

Wood Freestanding LED

| 220-240V 50-60Hz | ⬜ | CE | ON OFF | DALI | BLUE TOOTH | McA 3 | IP 20 |

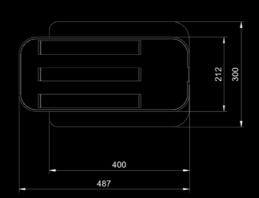Anti-static and anti-bacteria natural wood housing

Visual comfort with Dark Light reflector system

Harmonious distribution of light with rectangular direct and wide beam indirect illumination

Supports our biologic clock by changing the color temperature according to daytime (optional)

Flame retardant according to DIN 4102 B1 and EN 13501-1 (optional)

Dimensions: Height 1900 mm

Installation:	Freestanding
Optic:	Dark Light Reflector 80°
Light distribution:	Direct (40%) / indirect (60%)
Driver:	FIX, DALI, Bluetooth® (inside luminaire)
Materials:	Housing - natural solid wood
	Reflector - polycarbonate
Wood type:	Ash, Oak, American Walnut
Weight:	6,8 kg
Lifetime:	L80B10 60.000 hours
Ambient temperature:	0 / +35° C

Code	Power	CRI	CCT	Lumen
WFS	68 W	> 90	3000 K	7600 lm
WFS	68 W	> 90	4000 K	8000 lm
WFS	68 W	> 90	TW (2700 - 6500 K)	7600 lm

Tolerance of light output and color temperature: +/- 10%

Order example:

WFS	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WFS	-	45	-	930	-	80	-	OAK	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

Wood Square LED 60 - 600

| 220-240V 50-60Hz | ⬜ | CE | ON OFF | DALI | BLUE TOOTH | McA 3 | IP 20 |

Anti-static and anti-bacteria natural wood housing

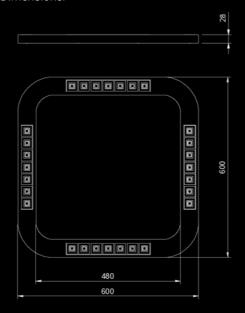Visual comfort with Dark Light reflector system

Harmonious distribution of light due to rectangular light footprint

Direct light distribution

Supports our biologic clock by changing the color temperature according to daytime (optional)

Flame retardant according to DIN 4102 B1 and EN 13501-1 (optional)

Installation:	Suspended
Optic:	Dark Light Reflector 80°
Light distribution:	Direct
Driver:	FIX, DALI, Bluetooth® (inside ceiling)
Materials:	Housing - natural solid wood
	Reflector - polycarbonate
Wood type:	Ash, Oak, American Walnut
Weight:	2 kg
Lifetime:	L80B10 60.000 hours
Ambient temperature:	0 / +35° C

Code	Power	CRI	CCT	Lumen
WS60-600	27 W	> 90	3000 K	3480 lm
WS60-600	27 W	> 90	4000 K	3630 lm
WS60-600	28 W	> 90	TW (2700 - 6500 K)	3480 lm

Tolerance of light output and color temperature: +/- 10%

Dimensions:

Order example:

WS60-600	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WS60-600	-	27	-	930	-	80	-	OAK	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

Wood Hex LED 60 - 600

Anti-static and anti-bacteria natural wood housing

Visual comfort with Dark Light reflector system

Harmonious distribution of light due to rectangular light footprint

Supports our biologic clock by changing the color temperature according to daytime (optional)

Flame retardant according to DIN 4102 B1 and EN 13501-1 (optional)

220-240V 50-60Hz	▢	CE	ON OFF	DALI	BLUE TOOTH	McA 3	IP 20

Installation:	Suspended
Optic:	Dark Light Reflector 80°
Light distribution:	Direct
Driver:	FIX, DALI, Bluetooth® (inside ceiling)
Materials:	Housing - natural solid wood
	Reflector - polycarbonate
Wood type:	Ash, Oak, American Walnut
Weight:	1,8 kg
Lifetime:	L80B10 60.000 hours
Ambient temperature:	0 / +35° C

Dimensions:
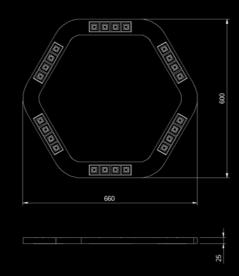
Code	Power	CRI	CCT	Lumen
WH60-600	26 W	> 90	3000 K	3300 lm
WH60-600	26 W	> 90	4000 K	3450 lm
WH60-600	27 W	> 90	TW (2700 - 6500 K)	3130 lm

Tolerance of light output and color temperature: +/- 10%

Order example:

WH60-600	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WH60-600	-	26	-	930	-	80	-	OAK	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

Wood Decagon LED 60-1500

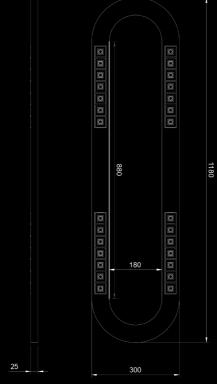Anti-static and anti-bacteria natural wood housing

Visual comfort with Dark Light reflector system

Harmonious distribution of light due to rectangular light footprint

Supports our biologic clock by changing the color temperature according to daytime (optional)

Flame retardant according to DIN 4102 B1 and EN 13501-1 (optional)

| 220-240V 50-60Hz | | CE | ON OFF | DALI | BLUE TOOTH | McA 3 | IP 20 |

Installation:	Suspended
Optic:	Dark Light Reflector 80°
Light distribution:	Direct
Driver:	FIX, DALI, Bluetooth® (inside ceiling)
Materials:	Housing - natural solid wood
	Reflector - polycarbonate
Wood type:	Ash, Oak, American Walnut
Weight:	6,2 kg
Lifetime:	L80B10 60.000 hours
Ambient temperature:	0 / +35° C

Dimensions:

23

1440
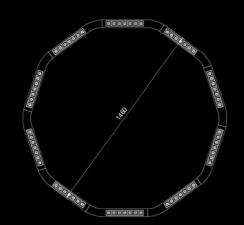
Code	Power	CRI	CCT	Lumen
WDG60-1500	126 W	> 90	3000 K	15480 lm
WDG60-1500	126 W	> 90	4000 K	16110 lm
WDG60-1500	70 W	> 90	TW (2700 - 6500 K)	8300 lm

Tolerance of light output and color temperature: +/- 10%

Order example:

WDG60-1500	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WDG60-1500	-	126	-	930	-	80	-	OAK	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

Wood Linear LED 60 Twin Round

| 220-240V 50-60Hz | □ | CE | ON OFF | DALI | BLUE TOOTH | McA 3 | IP 20 |

Anti-static and anti-bacteria natural wood housing

Visual comfort with Dark Light reflector system

Harmonious distribution of light due to rectangular light footprint

Supports our biologic clock by changing the color temperature according to daytime (optional)

Flame retardant according to DIN 4102 B1 and EN 13501-1 (optional)

Installation:	Suspended
Optic:	Dark Light Reflector 80°
Light distribution:	Direct
Driver:	FIX, DALI, Bluetooth® (build in)
Materials:	Housing - natural solid wood
	Reflector - polycarbonate
Wood type:	Ash, Oak, American Walnut
Weight:	3,6 kg
Lifetime:	L80B10 60.000 hours
Ambient temperature:	0 / +35° C

Code	Power	CRI	CCT	Lumen
WL60TR	27 W	> 90	3000 K	3480 lm
WL60TR	27 W	> 90	4000 K	3630 lm
WL60TR	28 W	> 90	TW (2700 - 6500 K)	3480 lm

Tolerance of light output and color temperature: +/- 10%

Dimensions:

Order example:

WL60TR	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WL60TR	-	27	-	930	-	80	-	OAK	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

Wood Ring LED 70 -1200

Anti-static and anti-bacteria natural wood housing

Visual comfort with recessed lens system and milled light chambers

Flame retardant according to DIN 4102 B1 and EN 13501-1 (optional)

220-240V 50-60Hz	☐	CE	ON OFF	DALI	BLUE TOOTH	McA 3	IP 20

Installation:	Suspended
Optic:	Lens and milled chambers 60°
Light distribution:	Direct
Driver:	FIX, DALI, Bluetooth® (inside ceiling)
Materials:	Housing - natural solid wood
	Lens - polycarbonate
Wood type:	Ash, Oak, American Walnut
Weight:	6,2 kg
Lifetime:	L80B10 60.000 hours
Ambient temperature:	0 / +35° C

Dimensions:

Ø1170
45
70
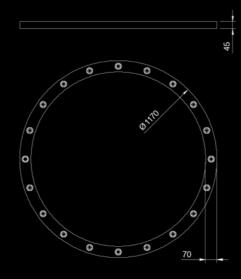
Code	Power	CRI	CCT	Lumen
WRI70-1200	70 W	> 90	3000 K	7800 lm
WRI70-1200	70 W	> 95	3200 K	7600 lm
WRI70-1200	70 W	> 90	4000 K	8000 lm

Tolerance of light output and color temperature: +/- 10%
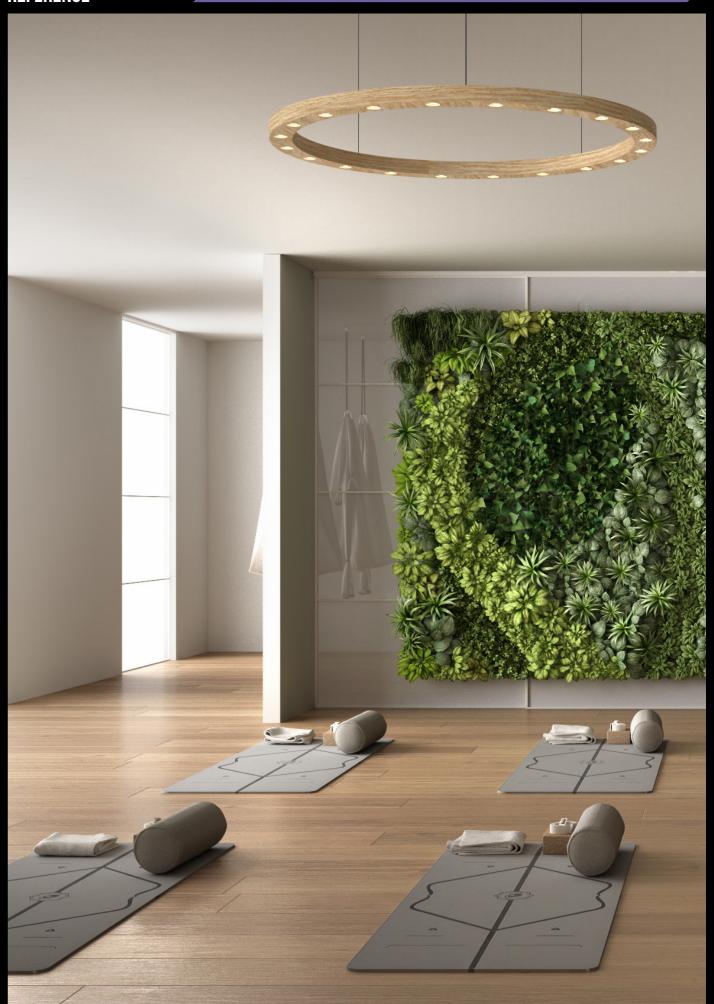
Order example:

WRI70-1200	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WRI70-1200	-	70	-	930	-	60	-	OAK	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

WOOD microLINE LED

Minimalistic 48V SYSTEM

WOOD microLINE CURVED

WOOD microLINE EDGE

microRAIL 1M

microRAIL 2M

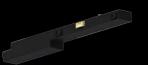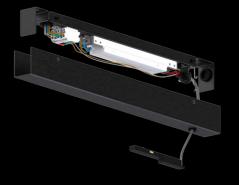microRAIL 1/4 CIRCLE 300MM

microRAIL 1/4 CIRCLE 500MM

microRAIL MIDDLE FEED

microRAIL END FEED

microRAIL MIDDLE L FEED

microRAIL DRIVER 100W

YOUR BENEFITS WITH WOOD MICROLINE LED

1 SUSTAINABILITY

Wood conserves resources and the climate at the same time: As a renewable raw material, wood has an excellent ecological balance, which is by far the number 1 in building materials during the manufacturing process.

The natural material fascinate with unique positive charisma and let us feel comfortable due to the warm appearance. The antibacterial and antistatic characteristic provide as well a clean environment.

2 LONG LIFETIME AND COLOR STABILITY

By designing luminaires with natural wood, an innovative thermal management is the key for achieving long lifetimes and color stability of the light source over time. The linear LED engines are directly placed on a wide area aluminium backplate, so that the heat is not accumulated inside the housing and directly transferred to the environment. The wide area aluminium backplate is in fact just temperated (40-45°) and not being able to affect the wood.

Aluminium backplate

Polykarconate lens

Dark Light reflector

3 VISUAL COMFORT

The glare-free Dark Light System is featured by a shielded lens technology with black light chambers which do not reflect the light outside the wished beam angle. That means, the light is not visible on the luminaire meanwhile the room is nicely illuminated. The space turns into a glarefree environment for employees and endusers, parallel increasing their comfort and satisfaction.

4 HARMONIOUS DISTRIBUTION OF LIGHT

Rectangular lighting patterns result to a very uniform light distribution without hot-spots. Depending on the room dimensions and needed intensity you can choose between 50° and 80° beam angle. Luminaires with indirect light distribution have a batwing characteristic, which draw very wide and uniform light patterns to the ceiling. The light is reflected back from the ceiling and simulate the natural sky with a very soft light intensity.

5 YOUR OWN DESIGN

In our production process we combine CNC milling and hand-made finishing This allows you to adjust the design of the luminaires to the overall interior design - sharp corners, round corners, different dimensions, different wood types and surface finishings - just to mention a few.

On top of that, the luminaires are designed in a way that the wood housings are replaceable at any time by a few single steps.

Wood Microline LED Curved

Anti-static and anti-bacteria natural wood housing

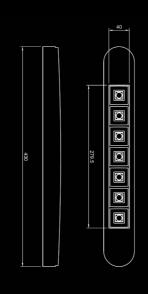Visual comfort with Dark Light reflector system

Harmonious distribution of light due to rectangular light footprint

Supports our biologic clock by changing the color temperature according to daytime (optional)

Flame retardant according to DIN 4102 B1 and EN 13501-1 (optional)

Minimalistic design - the wood body gets visually a part of the track rail

| 220-240V 50-60Hz | ☐ | CE | ON OFF | DALI | BLUE TOOTH | McA 3 | IP 20 |

Installation:	Suspended track with click system
Optic:	Dark Light Reflector 80°
Light distribution:	Direct
Driver:	FIX, DALI, Bluetooth® (build in)
Materials:	Housing - natural solid wood
	Reflector - polycarbonate
Wood type:	Ash, Oak, American Walnut
Weight:	3,6 kg
Lifetime:	L80B10 60.000 hours
Ambient temperature:	0 / +35° C

Dimensions:

Code	Power	CRI	CCT	Lumen
WML-WL60C-7x1	9 W	> 90	3000 K	1160 lm
WML-WL60C-7x1	9 W	> 90	4000 K	1210 lm
WML-WL60C-7x1	7 W	> 90	TW (2700 - 6500 K)	980 lm

Tolerance of light output and color temperature: +/- 10%

Order example:

WML-WL60C-7x1	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WML-WL60C-7x1	-	9	-	930	-	80	-	Eiche	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

---

Wood Microline LED Edge

Anti-static and anti-bacteria natural wood housing

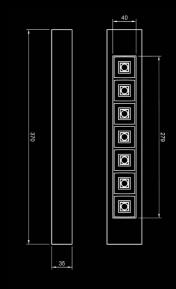Visual comfort with Dark Light reflector system

Harmonious distribution of light due to rectangular light footprint

Supports our biologic clock by changing the color temperature according to daytime (optional)

Flame retardant according to DIN 4102 B1 and EN 13501-1 (optional)

Minimalistic design - the wood body gets visually a part of the track rail

| 220-240V 50-60Hz | ☐ | CE | ON OFF | DALI | BLUE TOOTH | McA 3 | IP 20 |

Installation:	Suspended track with click system
Optic:	Dark Light Reflector 80°
Light distribution:	Direct
Driver:	FIX, DALI, Bluetooth® (build in)
Materials:	Housing - natural solid wood
	Reflector - polycarbonate
Wood type:	Ash, Oak, American Walnut
Weight:	3,6 kg
Lifetime:	L80B10 60.000 hours
Ambient temperature:	0 / +35° C

Dimensions:

Code	Power	CRI	CCT	Lumen
WML-WL60E-7x1	9 W	> 90	3000 K	1160 lm
WML-WL60E-7x1	9 W	> 90	4000 K	1210 lm
WML-WL60E-7x1	7 W	> 90	TW (2700 - 6500 K)	980 lm

Tolerance of light output and color temperature: +/- 10%

Order example:

WML-WL60E-7x1	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WML-WL60E-7x1	-	9	-	930	-	80	-	Eiche	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

WOOD DIFFUSE LED

PORTFOLIO

WOOD DIFFUSE LED FAMILY

The Wood Diffuse LED products are particularly characterized by their soft light. The diffuser is set back so that the wooden frames are nicely illuminated from the inside. The wood textures come into their own.

Another feature of this family of lights are the differently arranged wood textures. We see special applications with large room heights (airports, shopping centers, market halls, etc.) as areas of application, as these often have an empty and colorless effect on us humans.

The lights are not only a real eye-catcher, but also give the environment a significantly warmer character.

WOOD DOWNLIGHT SQUARE   WOOD LINEAR LED 50   WOOD ROUND LED 400x700

WOOD ROUND LED 600x110   WOOD ROUND LED 850x110   WOOD ROUND LED 1100x110

WOOD ROUND LED 600x300   WOOD ROUND LED 850x300   WOOD ROUND LED 1100x300

Wood Downlight Square 300

Anti-static and anti-bacteria natural wood housing

Integrated light guide around the housing

Supports our biologic clock by changing the color temperature according to daytime (optional)

Flame retardant according to DIN 4102 B1 and EN 13501-1 (optional)

| 220-240V 50-60Hz | ▢ | CE | ON OFF | DALI | BLUE TOOTH | McA 3 | IP 20 |

Installation:	Surface mounted
Optic:	Diffusor / Microprisma
Light distribution:	Direct / indirect
Driver:	FIX, DALI, Bluetooth® (build in)
Materials:	Housing - natural solid wood
	Diffusor - polycarbonate
Wood type:	Ash, Oak, American Walnut
Weight:	1,6 kg
Lifetime:	L80B10 60.000 hours
Ambient temperature:	0 / +35˚ C

Dimensions:

301

165

74

48

301
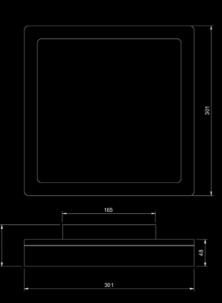
Code	Power	CRI	CCT	Lumen
WSD300	18 W	> 90	3000 K	1700 lm
WSD300	18 W	> 90	4000 K	1800 lm
WSD300	18 W	> 90	TW (2700 - 6500 K)	1700 lm
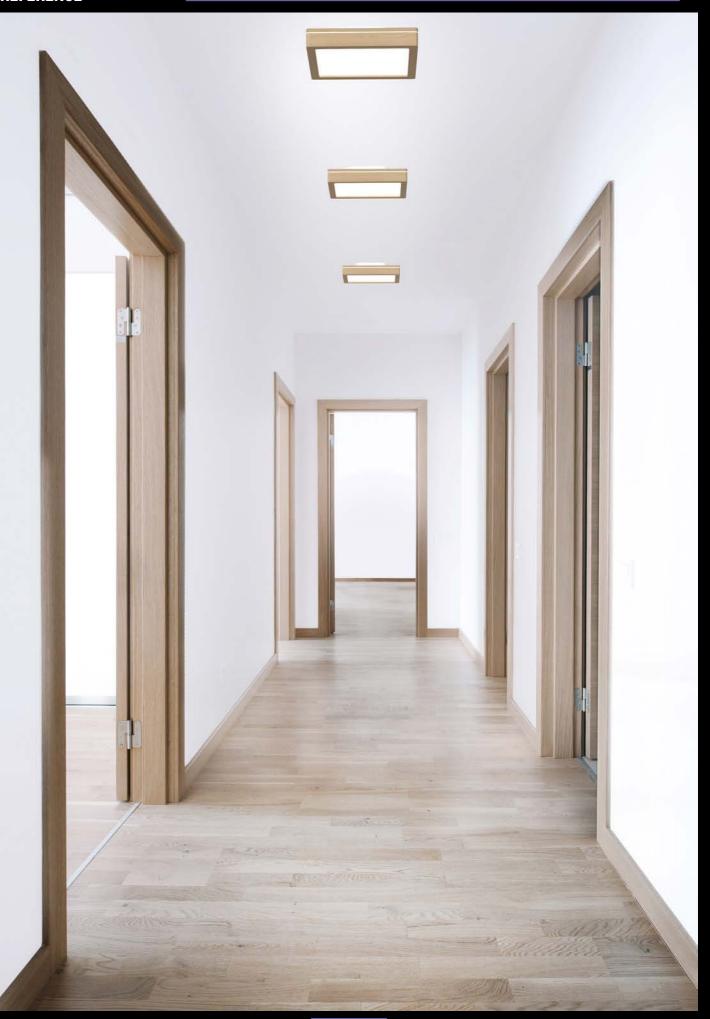
Tolerance of light output and color temperature: +/- 10%

Order example:

WSD300	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WSD300	-	18	-	930	-	DIFF	-	Eiche	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

Wood Linear LED 50 Diffuse

Anti-static and anti-bacteria natural wood housing

Visual comfort through soft light distribution

Supports our biologic clock by changing the color temperature according to daytime (optional)

Flame retardant according to DIN 4102 B1 and EN 13501-1 (optional)

| 220-240V 50-60Hz | | CE | ON OFF | DALI | BLUE TOOTH | McA 3 | IP 20 |

Installation:	Surface mounted
Optic:	Diffusor / Microprisma
Light distribution:	Direct
Driver:	FIX, DALI, Bluetooth® (build in)
Materials:	Housing - natural solid wood
	Diffusor - polycarbonate
Wood type:	Ash, Oak, American Walnut
Weight:	1,5 kg
Lifetime:	L80B10 60.000 hours
Ambient temperature:	0 / +35° C

Dimensions:

1050 900 70 50

Code	Power	CRI	CCT	Lumen
WL50DIFF	27 W	> 90	3000 K	2700 lm
WL50DIFF	27 W	> 90	4000 K	2750 lm
WL50DIFF	28 W	> 90	TW (2700 - 6500 K)	2700 lm

Tolerance of light output and color temperature: +/- 10%
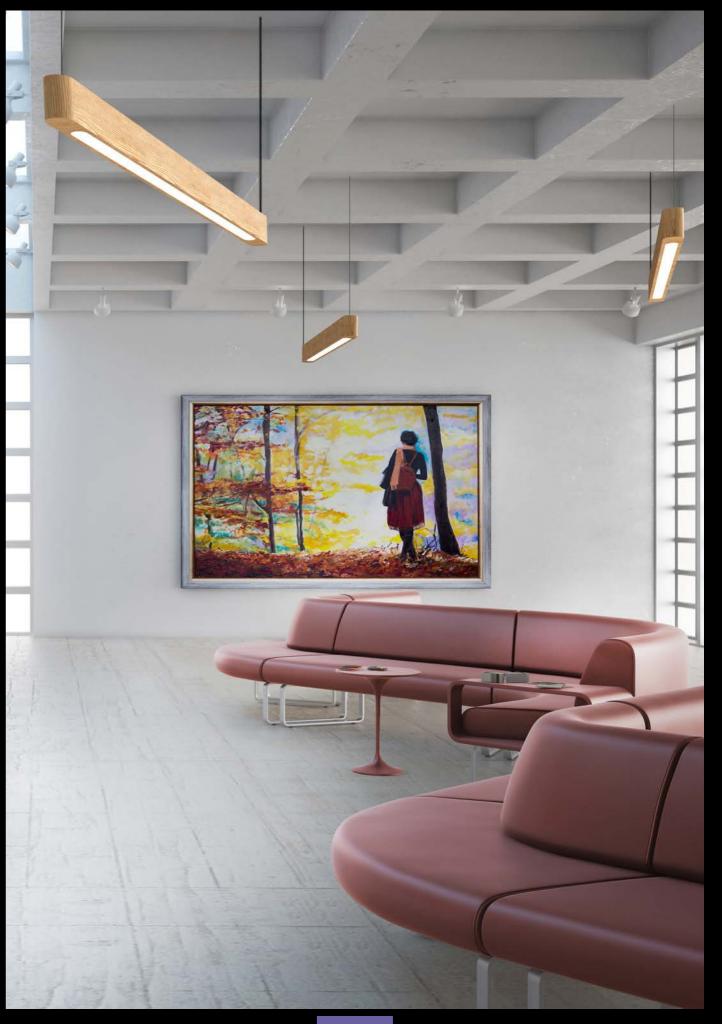
Order example:

WL50DIFF	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WL50DIFF	-	27	-	930	-	DIFF	-	OAK	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

Wood Round LED 400x700

220-240V 50-60Hz	☐	CE	ON OFF	DALI	BLUE TOOTH	McA 3	IP 20

Anti-static and anti-bacteria natural wood housing

Visual comfort through soft light distribution

Unique design with the combination of vertical and horizontal wood structures, as well segmented wooden rings

Antibiotic effect through nano silver paint (optional)

Flame retardant according to the standard DIN 4102 B1 and EN 13501-1 for use in public areas (optional)

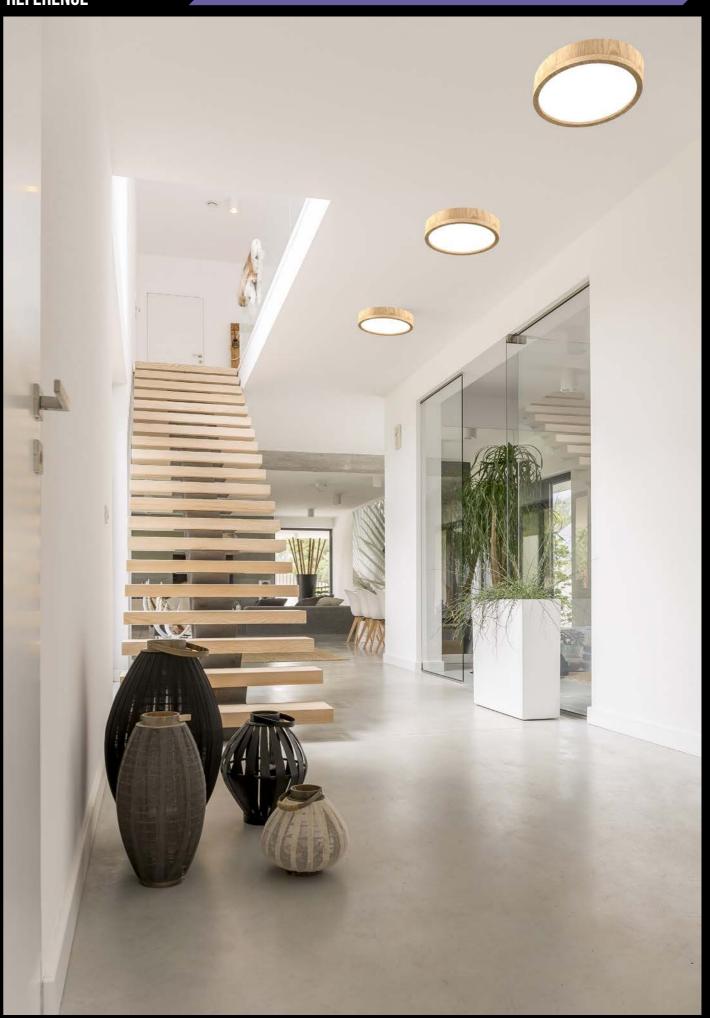|	
Installation:	Ceiling surface mounted or suspended
Optic:	Diffusor / Microprisma
Light distribution:	Lambertian
Driver:	FIX, DALI, Bluetooth® (build in)
Materials:	Housing - solid wood
	Diffusor - PMMA
Wood type:	Ash, Oak, American Walnut
Weight:	11,5 kg
Lifetime:	L80B10 60.000 hours
Ambient temperature:	0 / +35° C

Code	Power	CRI	CCT	Lumen
WR400x700MR	76 W	> 90	3000 K	6685 lm
WR400x700MR	76 W	> 90	4000 K	7985 lm
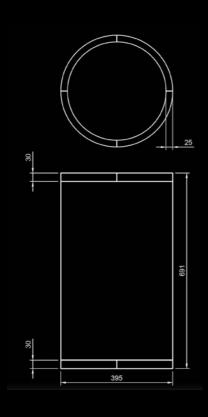
Tolerance of light output and color temperature: +/- 10%

Dimensions:

30
25
691
30
395
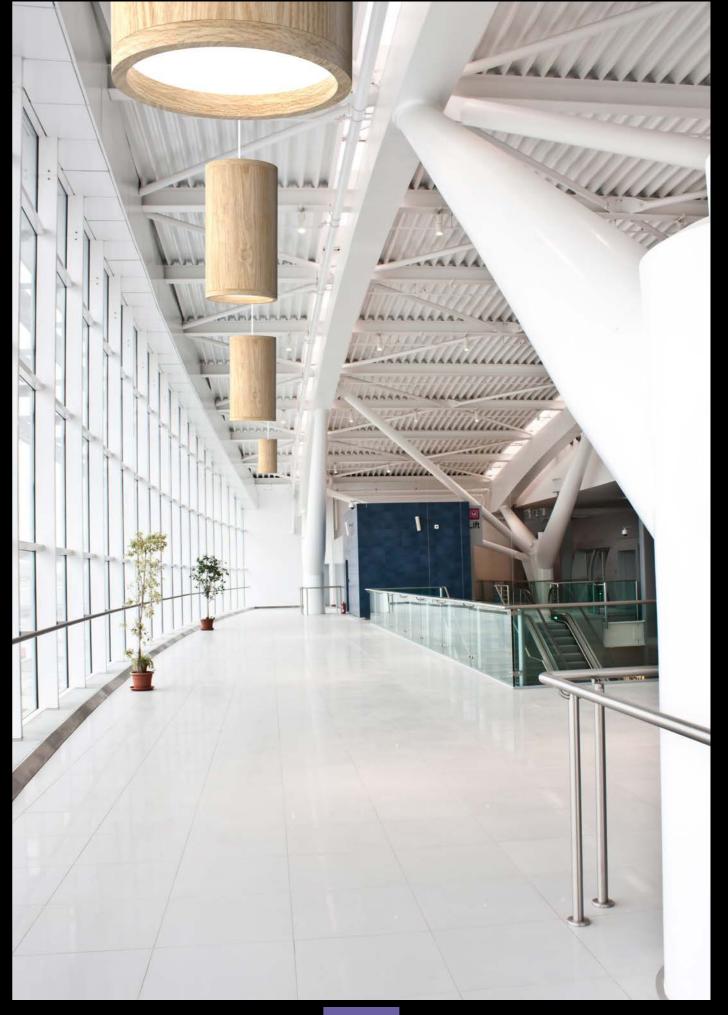
Order example:

WR400x700MR	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WR400x700MR	-	76	-	930	-	DIFF	-	OAK	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

Wood Round LED 600x110

| 220-240V 50-60Hz | | CE | ON OFF | DALI | BLUE TOOTH | McA 3 | IP 20 |

Anti-static and anti-bacteria natural wood housing

Visual comfort through soft light distribution

Unique design with the combination of vertical and horizontal wood structures, as well segmented wooden rings

Antibiotic effect through nano silver paint (optional)

Flame retardant according to the standard DIN 4102 B1 and EN 13501-1 for use in public areas (optional)

Installation:	Ceiling surface mounted or suspended
Optic:	Diffusor / Microprisma
Light distribution:	Lambertian
Driver:	FIX, DALI, Bluetooth® (build in)
Materials:	Housing - solid wood
	Diffusor - PMMA
Wood type:	Ash, Oak, American Walnut
Weight:	4 kg
Lifetime:	L80B10 60.000 hours
Ambient temperature:	0 / +35° C

Code	Power	CRI	CCT	Lumen
WR600x110MR	76 W	> 90	3000 K	6685 lm
WR600x110MR	76 W	> 90	4000 K	7985 lm

Tolerance of light output and color temperature: +/- 10%

Dimensions:
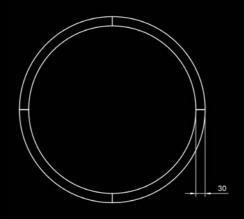
Order example:

WR600x110MR	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WR600x110MR	-	76	-	930	-	DIFF	-	OAK	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

Wood Round LED 600x300

220-240V 50-60Hz		CE	ON OFF	DALI	BLUE TOOTH	McA 3	IP 20

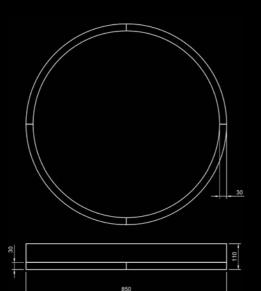Anti-static and anti-bacteria natural wood housing

Visual comfort through soft light distribution

Unique design with the combination of vertical and horizontal wood structures, as well segmented wooden rings

Antibiotic effect through nano silver paint (optional)

Flame retardant according to the standard DIN 4102 B1 and EN 13501-1 for use in public areas (optional)

Installation:	Ceiling surface mounted or suspended
Optic:	Diffusor / Microprisma
Light distribution:	Lambertian
Driver:	FIX, DALI, Bluetooth® (build in)
Materials:	Housing - solid wood
	Diffusor - PMMA
Wood type:	Ash, Oak, American Walnut
Weight:	6 kg
Lifetime:	L80B10 60.000 hours
Ambient temperature:	0 / +35° C

Code	Power	CRI	CCT	Lumen
WR600x300MR	76 W	> 90	3000 K	6685 lm
WR600x300MR	76 W	> 90	4000 K	7985 lm

Tolerance of light output and color temperature: +/- 10%

Dimensions:
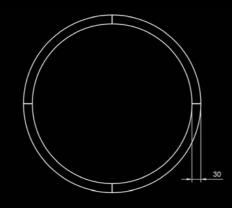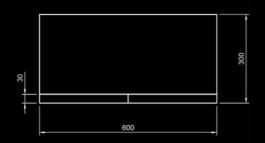
Order example:

WR600x300MR	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WR600x300MR	-	76	-	930	-	DIFF	-	OAK	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

Wood Round 850x110

| 220-240V 50-60Hz | ☐ | CE | ON OFF | DALI | BLUE TOOTH | McA 3 | IP 20 |

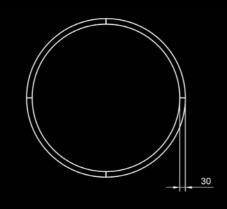Anti-static and anti-bacteria natural wood housing

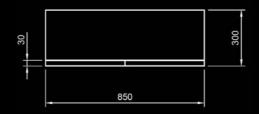Visual comfort through soft light distribution

Unique design with the combination of vertical and horizontal wood structures, as well segmented wooden rings

Antibiotic effect through nano silver paint (optional)

Flame retardant according to the standard DIN 4102 B1 and EN 13501-1 for use in public areas (optional)

Installation:	Ceiling surface mounted or suspended
Optic:	Diffusor / Microprisma
Light distribution:	Lambertian
Driver:	FIX, DALI, Bluetooth® (build in)
Materials:	Housing - solid wood
	Diffusor - PMMA
Wood type:	Ash, Oak, American Walnut
Weight:	10.8 kg
Lifetime:	L80B10 60.000 hours
Ambient temperature	0 / +35° C

Code	Power	CRI	CCT	Lumen
WR850x110MR	109 W	> 90	3000 K	11910 lm
WR850x110MR	109 W	> 90	4000 K	11710 lm

Tolerance of light output and color temperature: +/- 10%

Dimensions:

Order example:

WSD300	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WR850x110MR	-	109	-	930	-	DIFF	-	OAK	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

Wood Round 850x300

220-240V 50-60Hz	□	CE	ON OFF	DALI	BLUE TOOTH	McA 3	IP 20

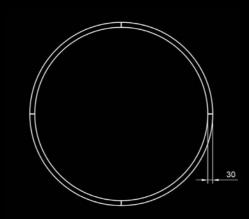Anti-static and anti-bacteria natural wood housing

Visual comfort through soft light distribution

Unique design with the combination of vertical and horizontal wood structures, as well segmented wooden rings

Antibiotic effect through nano silver paint (optional)

Flame retardant according to the standard DIN 4102 B1 and EN 13501-1 for use in public areas (optional)

Installation:	Ceiling surface mounted or suspended
Optic:	Diffusor / Microprisma
Light distribution:	Lambertian
Driver:	FIX, DALI, Bluetooth® (build in)
Materials:	Housing - solid wood
	Diffusor - PMMA
Wood type:	Ash, Oak, American Walnut
Weight:	13.2 kg
Lifetime:	L80B10 60.000 hours
Ambient temperature:	0 / +35° C

Code	Power	CRI	CCT	Lumen
WR850x300MR	109 W	> 90	3000 K	11910 lm
WR850x300MR	109 W	> 90	4000 K	11710 lm

Tolerance of light output and color temperature: +/- 10%

Dimensions:

30

30   300

850
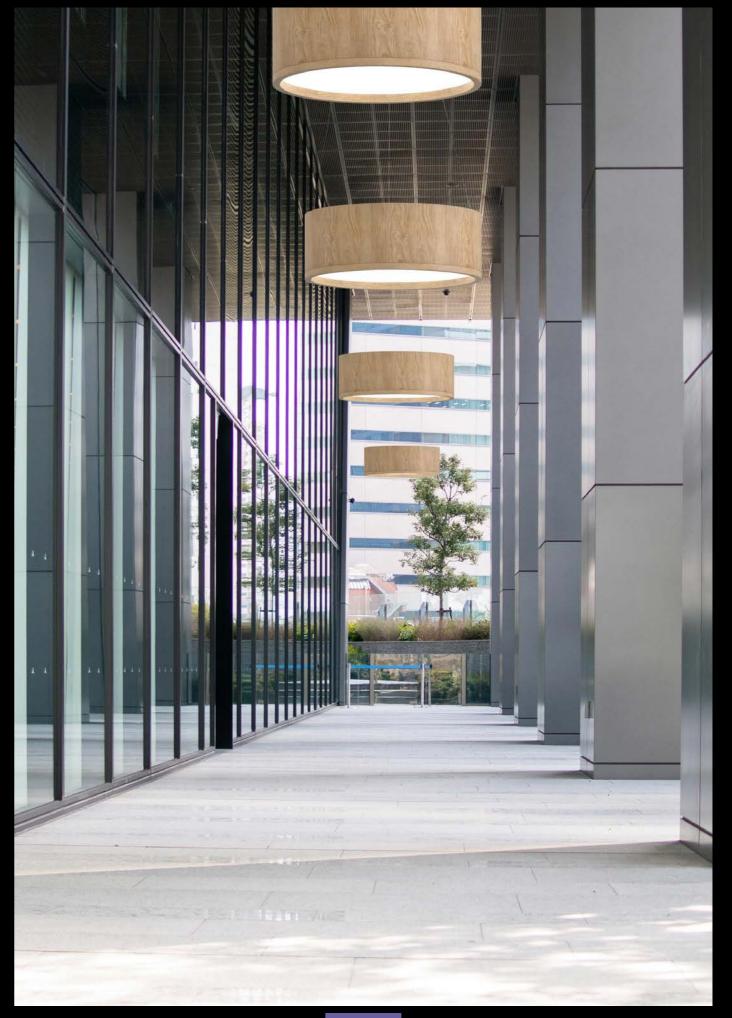
Order example:

WR850x300MR	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WR850x300MR	-	109	-	930	-	DIFF	-	OAK	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

Wood Round 1100x110

Anti-static and anti-bacteria natural wood housing

Visual comfort through soft light distribution

Unique design with the combination of vertical and horizontal wood structures, as well segmented wooden rings

Antibiotic effect through nano silver paint (optional)

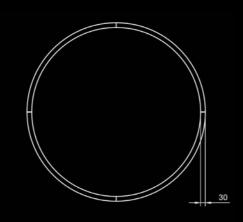Flame retardant according to the standard DIN 4102 B1 and EN 13501-1 for use in public areas (optional)

| 220-240V 50-60Hz | ☐ | CE | ON OFF | DALI | BLUE TOOTH | McA 3 | IP 20 |

Installation:	Ceiling surface mounted or suspended
Optic:	Diffusor / Microprisma
Light distribution:	Lambertian
Driver:	FIX, DALI, Bluetooth® (build in)
Materials:	Housing - solid wood
	Diffusor - PMMA
Wood type:	Ash, Oak, American Walnut
Weight:	18.2 kg
Lifetime:	L80B10 60.000 hours
Ambient temperature:	0 / +35° C

Dimensions:

Code	Power	CRI	CCT	Lumen
WR1100x110MR	128 W	> 90	3000 K	13140 lm
WR1100x110MR	128 W	> 90	4000 K	13920 lm

Tolerance of light output and color temperature: +/- 10%

Order example:
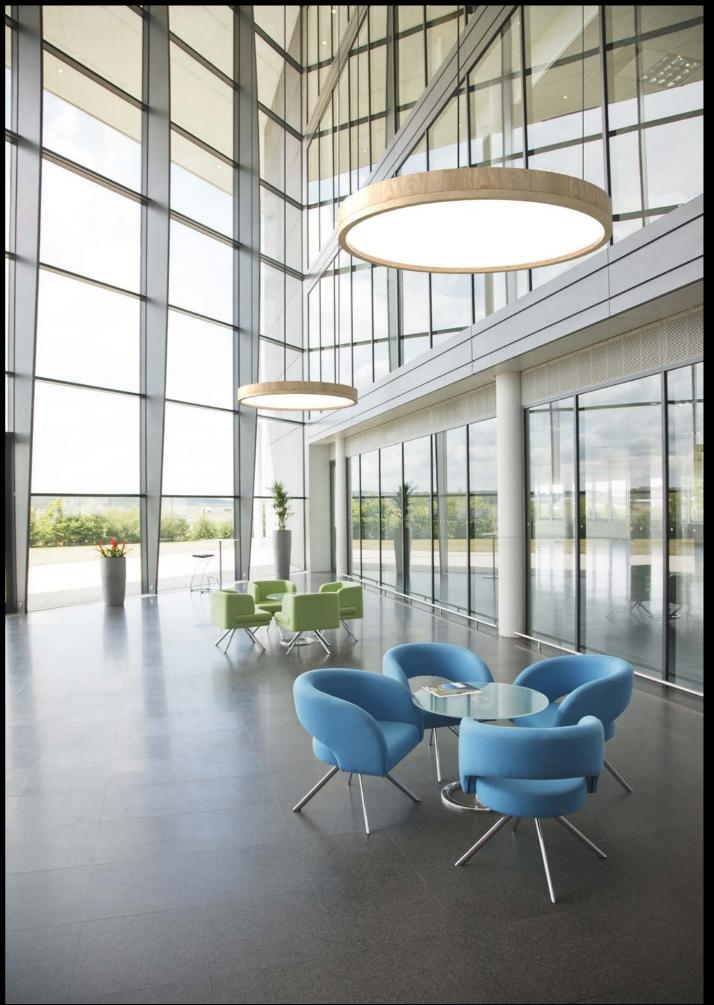
WR1100x110MR	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WR1100x110MR	-	128	-	930	-	DIFF	-	OAK	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

Wood Round 1100x300

220-240V 50-60Hz	☐	CE	ON OFF	DALI	BLUE TOOTH	McA 3	IP 20

Anti-static and anti-bacteria natural wood housing
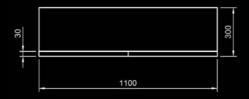
Visual comfort through soft light distribution

Unique design with the combination of vertical and horizontal wood structures, as well segmented wooden rings

Antibiotic effect through nano silver paint (optional)

Flame retardant according to the standard DIN 4102 B1 and EN 13501-1 for use in public areas (optional)

Installation:	Ceiling surface mounted or suspended
Optic:	Diffusor / Microprisma
Light distribution:	Lambertian
Driver:	FIX, DALI, Bluetooth® (build in)
Materials:	Housing - solid wood
	Diffusor - PMMA
Wood type:	Ash, Oak, American Walnut
Weight:	21.6 kg
Lifetime:	L80B10 60.000 hours
Ambient temperature:	0 / +35° C

Code	Power	CRI	CCT	Lumen
WR1100x300MR	128 W	> 90	3000 K	13140 lm
WR1100x300MR	128 W	> 90	4000 K	13920 lm

Tolerance of light output and color temperature: +/- 10%

Dimensions:

Order example:
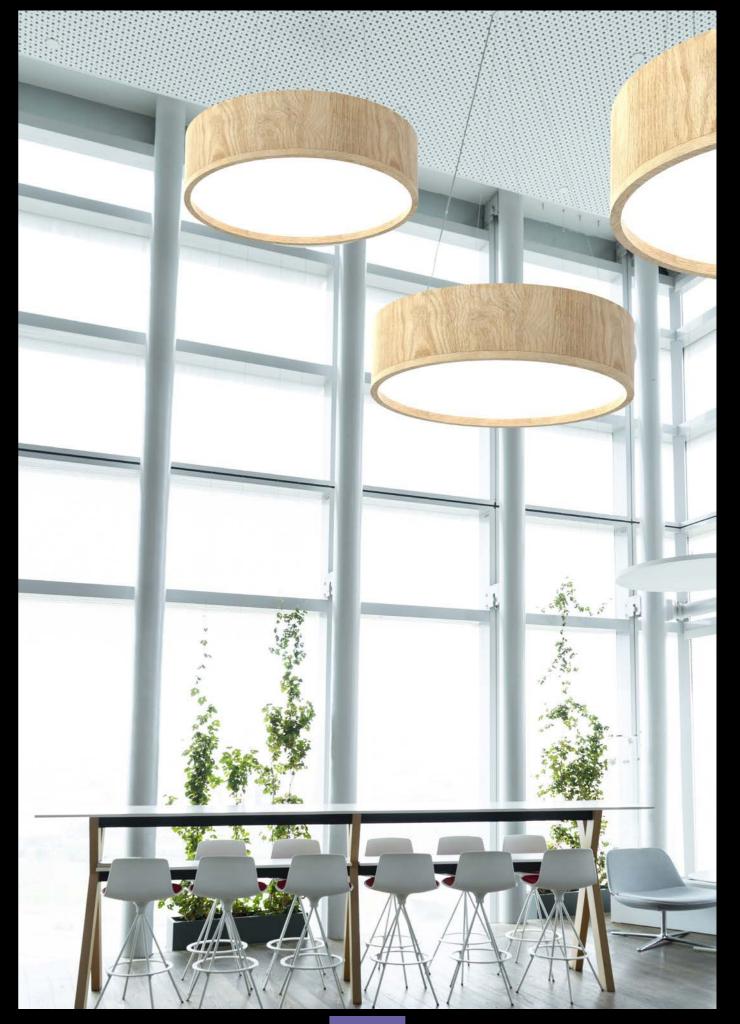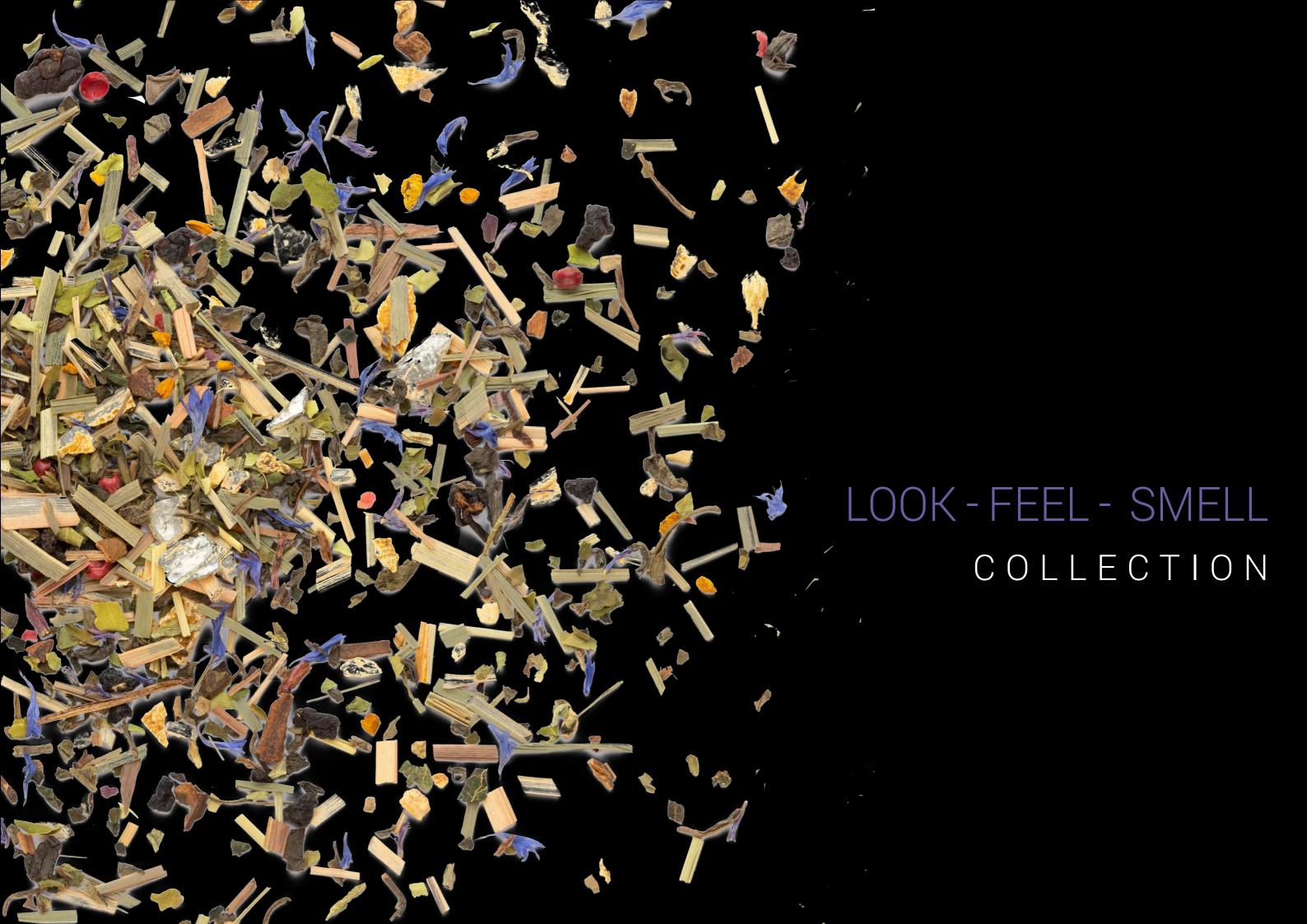
WSD300	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WR1100x300MR	-	128	-	930	-	DIFF	-	OAK	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

LOOK - FEEL - SMELL

COLLECTION

LOOK FEEL AND SMELL

Experience the aroma of our natural materials every day, such as the smell of freshly ground coffee, hay, roses, moss and many more. The quality and unmistakable origin of our selected materials also determine the lighting experience. Without the addition of (artificial) fragrances or aromas, our natural materials provide with their natural fragrance good indoor climate.

FORM FOLLOWS FUNCTION

The term we live by the American sculptor Horatio Greenough was already mentioned in 1852 in connection with the organic principles of architecture by „form follows function". This means that each individual luminaire focuses on the essentials instead of overloading the viewer or the room.

PERFECT ROOM CLIMATE

Our natural materials reflect, reveal, and enchant their surroundings, regardless of whether they are switched on or off. The indoor climate also benefits from the sound-absorbing effect of the natural materials. Each lamp is therefore unique, both our series products and the lamps with your very own fingerprint. The masterly and traditional craftsmanship of woodworking is our top priority and allows a unique piece to be created in meticulous detail. The optic arouses the curiosity to run your fingers over the wood type. Feel the origin of the hay from the steep slopes of Tyrol, the flowers from the alpine meadows or the moss wood types with lichen and pieces of bark.

1 LOOK, FEEL AND SMELL
These are the unique combined properties of this collection. Depending on the application and material, the fragrance lasts between 3 and 10 years. If the scent wears off or you want to change the look , the panels can be reordered and replaced at any time.

2 100% ANTI-ALLERGIC
Thanks to the innovative production process and years of development, our partner has managed to process these natural materials in such a way that they do not cause allergies. This has been confirmed by independent laboratories.

3 SOUND ABSORBATION
Some natural materials are real performers when it comes to acoustics. By combining different laysers of pure natural materials, even absorber class A specifications can be achieved! We also offer our customers additional wall panels that perfectly match the lights in terms of design and shape.

4 FLAME RETARDANT
The luminaires are also optionally available in B1 quality and thus correspond to fire protection class DIN 4102-1 for flame-retardant materials. This enables the use in public areas.

5 YOUR OWN DESIGN
As with our solid wood light portfolio, we offer customer-specific designs in the Look Feel and SMELL collection. Due to our manufacturing process consisting of CNC and hand-made finishing, new designs are possible within 6 weeks.

Unique materials for different tastes

KORNBLUAMA BLAU
THE INTENSIVE COLOUR OF THIS SURFACES COMES FROM BLUE CORNFLOWERS PETALS

WILDSPITZE HIMMELBLAU
NATURALLY SCENTED ALPINE-HAY WITH BLUE COLOUR SPOTS OF CORNFLOWER

KAFEE
EVERYBODY KNOWS THE SMELL OF COFFEE. COFFEE POWDER AND BEANS FORM THIS NATURAL SURFACE

SUNNABLUAMA
THE HUSKS OF SUNFLOWER SEEDS FORM THE NATURAL SURFACE SUNNABLUAMA. ORIGINALLY BEING A WASTE PRODUCT IT IS A REAL EYE-CATCHER AS A SURFACE

ROASNBLIATN
THE HIGHLY FRAGRANT AND VERY COLORFUL NATURAL SURFACE ROASNBLIATN MADE OF ROSE PETALS IS ONE OF OUR MOST COLOURFUL SURFACES

WILDSPITZE ROSA
NATURALLY SCENTED ALPINE-HAY WITH RED COLOUR SPOTS OF ROSE PETALS

MOUS HELLGRIAN
THE NATURAL SURFACE MOUS IS A TRUE BLAZE OF COLORS WITH ONLY A SLIGHT SCENT

MOUS DUNKLGRIAN
THE SUBTLE DARK GREEN COLOR IS SOOTHING AND NEUTRALIZING

ALMWIESEN
THE COLORFUL ALPINE MEADOW - WELL-SCENTED ALPINE GRASS WITH PETALS OF ARNICA, CORNFLOWER, HEATHER, ROSES AND MARGUERITES WITH STEM

LAWENDL
LAVENDER HAS BEEN KNOWN FOR CENTURIES FOR ITS SOOTHING AND HARMONIZING EFFECT. THE INTENSE NATURAL SCENT OF THIS NATURAL SURFACE IS A REMEDY FOR UNEASINESS AND SLEEP-ONSET INSOMNIA
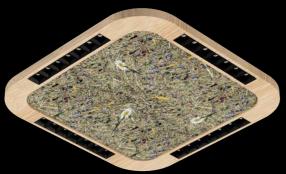
WANILLÄ
EVERYBODY KNOWS AND LOVES THE SMELL OF VANILLA. MOST OF US ASSOCIATE VANILLA WITH A SWEET TREAT

PFEFFARMINZ
PEPPERMINT IS ONE OF THE MOST POPULAR AND OLDEST MEDICINAL PLANTS. FOR THIS SURFACE WE USE STEMS WHICH ARE NOT SUITABLE FOR TEA PRODUCTION

Wood Square LED 60 - 600 - LFS

Anti-static and anti-bacteria natural solid wood housing

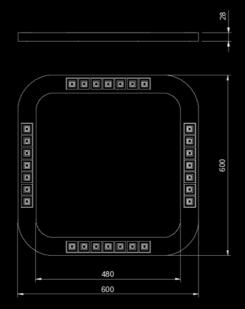Visual comfort with Dark Light reflector system

Harmonious distribution of light due to rectangular light footprint

Direct light distribution

Supports our biologic clock by changing the color temperature according to daytime (optional)
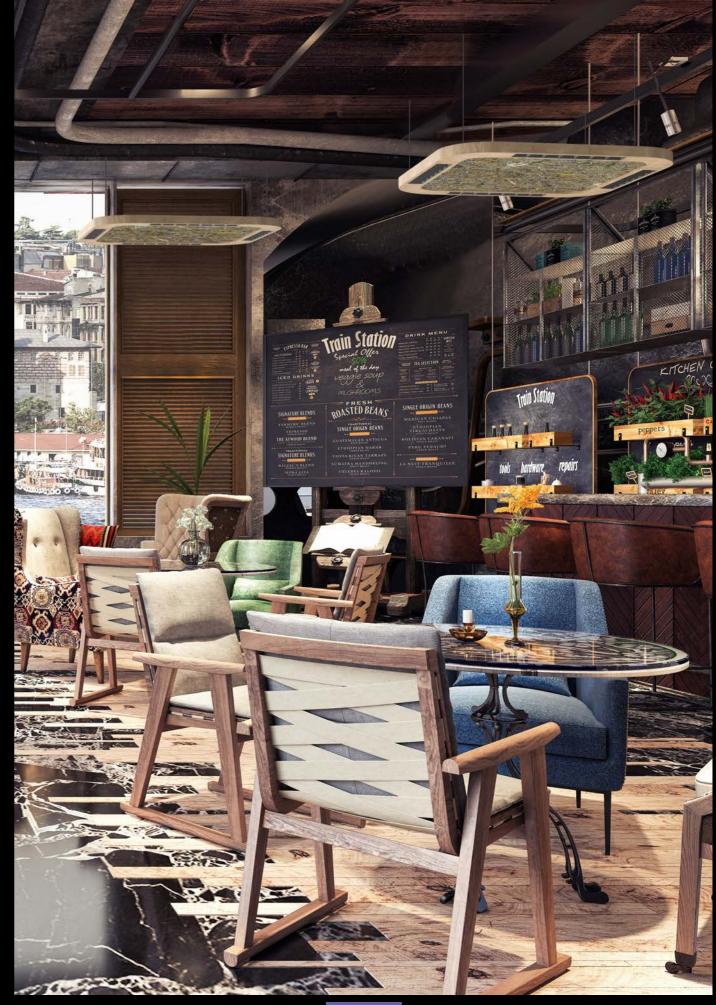
Look Feel and Smell decors

220-240V 50-60Hz		CE	ON OFF	DALI	BLUE TOOTH	McA 3	IP 20

Installation:	Suspended
Optic:	Dark Light Reflector 80°
Light distribution:	Direct
Driver:	FIX, DALI, Bluetooth® (inside ceiling)
Materials:	Housing - natural solid wood
	Reflector - polycarbonate
Wood type:	Ash, Oak, American Walnut
Weight:	3,2 kg
Lifetime:	L80B10 60.000 hours
Ambient temperature:	0 / +35° C

Code	Power	CRI	CCT	Lumen
WS60-600LFS	27 W	> 90	3000 K	3480 lm
WS60-600LFS	27 W	> 90	4000 K	3630 lm
WS60-600LFS	28 W	> 90	TW (2700 - 6500 K)	3480 lm

Tolerance of light output and color temperature: +/- 10%

Dimensions:

28

600

480

600

Order example:

WS60-600LFS	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WS60-600LFS	-	27	-	930	-	80	-	OAK	-	FIX	-	Almwiesn

We reserve the right to change product specifications without prior information

Wood Linear LED 60 Twin Round - LFS

Anti-static and anti-bacteria natural wood housing

Visual comfort with Dark Light reflector system

Harmonious distribution of light due to rectangular light footprint

Supports our biologic clock by changing the color temperature according to daytime (as option)

Look Feel and Smell decors

| 220-240V 50-60Hz | ☐ | CE | ON OFF | DALI | BLUE TOOTH | McA 3 | IP 20 |

Installation:	Suspended
Optic:	Dark Light Reflector 80°
Light distribution:	Direct
Driver:	FIX, DALI, Bluetooth® (build in)
Materials:	Housing - natural solid wood
	Reflector - polycarbonate
Wood type:	Ash, Oak, American Walnut
Weight:	3,8 kg
Lifetime:	L80B10 60.000 hours
Ambient temperature:	0 / +35° C
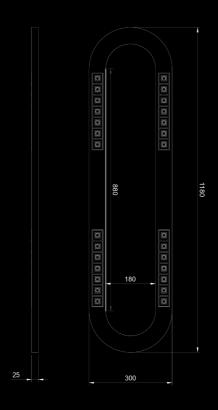
Code	Power	CRI	CCT	Lumen
WL60TRLFS	27 W	> 90	3000 K	3480 lm
WL60TRLFS	27 W	> 90	4000 K	3630 lm
WL60TRLFS	28 W	> 90	TW (2700 - 6500 K)	3480 lm
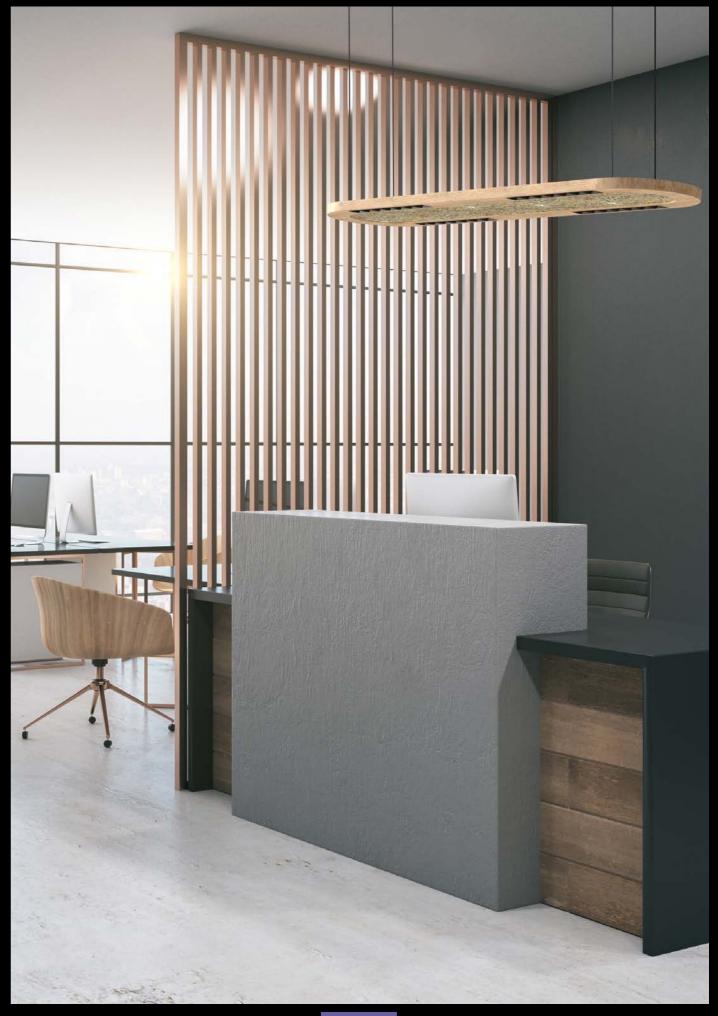
Tolerance of light output and color temperature: +/- 10%

Dimensions:

880

1180

180

25

300

Order example:

WL60TRLFS	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WL60TRLFS	-	27	-	930	-	80	-	OAK	-	FIX	-	Almwiesn

We reserve the right to change product specifications without prior information

Wood Ring LED 70 -1200 - LFS

Anti-static and anti-bacteria natural wood housing

Visual comfort with recessed lens system

Direct light distribution

Supports our biologic clock by changing the color temperature according to daytime (as option)

Look Feel and Smell decors

220-240V 50-60Hz		CE	ON OFF	DALI	BLUE TOOTH	McA 3	IP 20

Installation:	Suspended
Optic:	Lens and milled chambers, 60°
Light distribution:	Direct
Driver:	FIX, DALI, Bluetooth® (build in)
Materials:	Housing - natural solid wood
	Lens - polycarbonate
	Decor - natural materials
Wood type:	Ash, Oak, American Walnut
Weight:	11,2 kg
Lifetime:	L80B10 60.000 hours
Ambient temperature:	0 / +35° C

Dimensions:

Ø1170

45

70
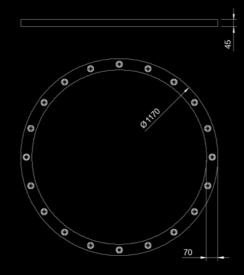
Code	Power	CRI	CCT	Lumen
WRI70-1200LFS	70 W	> 90	3000 K	7800 lm
WRI70-1200LFS	70 W	> 95	3200 K	7200 lm
WRI70-1200LFS	70 W	> 90	4000 K	8000 lm

Tolerance of light output and color temperature: +/- 10%

Order example:

WRI70-1200LFS	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WRI70-1200LFS	-	70	-	930	-	60	-	OAK	-	FIX	-	Moss hellgr

We reserve the right to change product specifications without prior information

Donut LED 900 - LFS

Anti-static and anti-bacteria natural wood housing

Visual comfort with diffuse light distribution

Supports our biologic clock by changing the color temperature according to daytime (as option)

Look Feel and Smell decors

| 220-240V 50-60Hz | ▣ | CE | ON OFF | DALI | BLUE TOOTH | McA 3 | IP 20 |

Installation:	Suspended
Optic:	Diffusor
Light distribution:	Lambertian
Driver:	FIX, DALI, Bluetooth® (build in)
Materials:	Housing - natural solid wood frame, decor Diffusor - polycarbonate
Wood type:	Ash, Oak, American Walnut
Weight:	7,6 kg
Lifetime:	L80B10 60.000 Hours
Ambient temperature:	0 / +35° C

Dimensions:

250

Ø900

Ø758
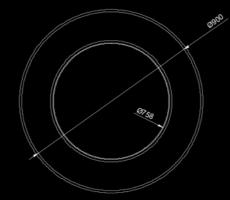
Code	Power	CRI	CCT	Inst. lumen
DON900LFS	52 W	> 90	3000 K	7200 lm
DON900LFS	52 W	> 90	4000 K	7200 lm
DON900LFS	52 W	> 90	TW (2700 - 6500 K)	7200 lm

Tolerance of light output and color temperature: +/- 10%

Order example:
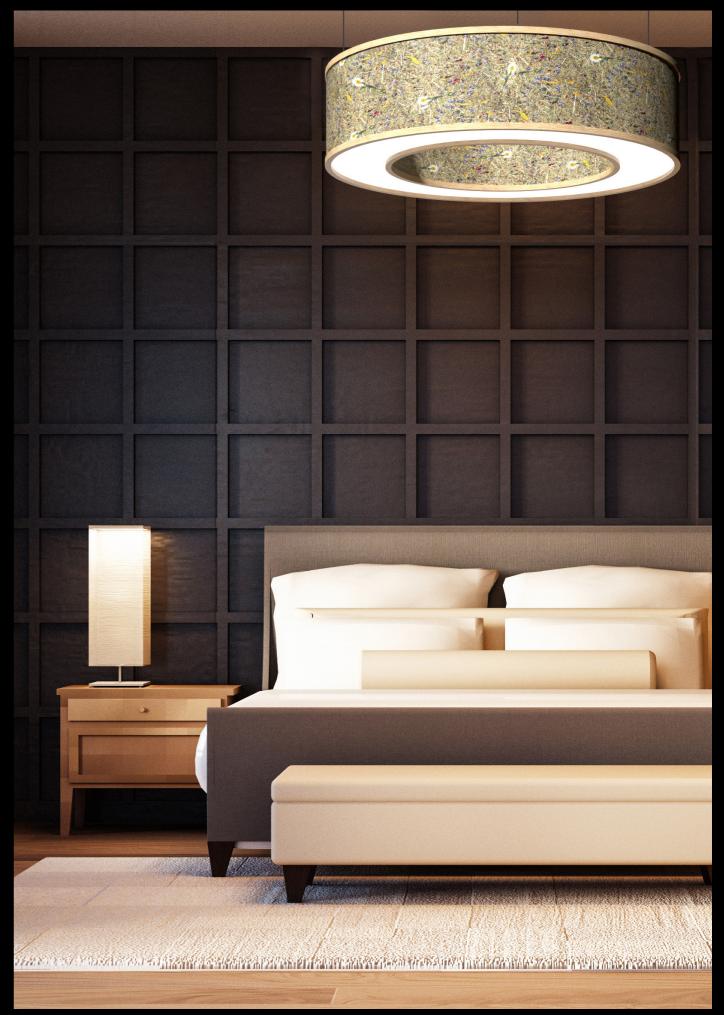
DON900LFS	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
DON900LFS	-	27	-	930	-	50	-	OAK	-	FIX	-	Almwiesn

We reserve the right to change product specifications without prior information

WOOD PENDANT LED

PORTFOLIO

WOOD PENDANT LED FAMILY

Wood pendant portfolio are products, which are fully manufactured my hand-made turning. We want to bring back this old tradition which is nowadays almost banned out from the market. Standardly we offer 3 simple shapes, but our wood makers love to do extra-ordinary jobs. So feel free to challenge them and create your unique design. Just send us a sketch, drawing or picture - we will do our best to bring it alive.

WOOD BALL LED   WOOD CONE LED   WOOD CYLINDER LED

YOUR ADVANTAGES WITH WOOD PENDANT FAMILY

1 SUSTAINABILITY
Wood conserves resources and the climate alike:
As a renewable raw material, wood offers an excellent ecological equal weight and is the number 1 building material.
The natural material fascinates with its warm appearance and unique positive charisma and it leaves us with a sense of wellbeing. The antibacterial and antistatic properties of wood also ensure a hygienic indoor climate.
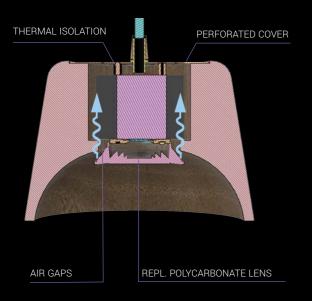
2 LONG LIFETIME AND COLOR STABILITY
During the development of luminaires made of natural solid wood, an innovative thermal management is the key to achieve long lifespan and color stability of the light source. The heatsink is isolated from the back plate, which is the only mechanical connection to the wooden housing.
The air openings on the side of the lens and the perforated cover create a chimney effect, which sucks in the air from below and dissipates the warm air at the top. In addition, the LED driver is located either in the ceiling or in the ceiling cover and supports DALI and Bluetooth® in addition to ON / OFF.

THERMAL ISOLATION   PERFORATED COVER

AIR GAPS   REPL. POLYCARBONATE LENS

3 VISUAL COMFORT
The optical system consists of a shielded lens system, which directs the light straight out of the luminaire. It is not reflected inside the lampshade.
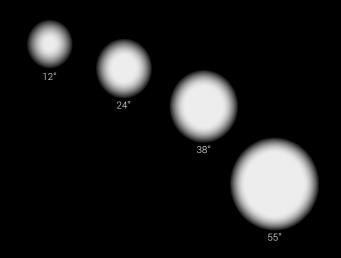
This leads to a higher luminaire efficiency and no shift in color temperature, which would result from the reflection inside the wooden housing. The LED source is not visible while the lighting area is illuminated homogeneously.

The room transforms into a glare-free environment with increased comfort.

4 FREEDOM IN LIGHTING DESIGN
All lights in the Wood Round family are equipped with an interchangeable lens system. There are 4 different beam angles available - from the narrow beam up to the wide beam characteristic.
Decide for the ideal setup depending on the suspension height, the wished illumination area and the desired intensity. Choose between different color temperatures and color rendering index CRI options up to CRI 95 with excellent R9 values above 90.

12°
24°
38°
55°

5 FREEDOM IN DESIGN - FOR MANY YEARS
All round shapes in our wooden luminaire portfolio are turned by hand. This makes it possible to adapt the design of the lights to the desired interior design and wishes - sharp corners, round corners, different dimensions, different types of wood and wood types - just to mention a few.
In addition, the lights are designed in the way that the wooden housings can be replaced at any time with a few single steps.

Wood Ball LED

Anti-static and anti-bacteria natural wood housing

Visual comfort due to shielded lens technology

Freedom in lighting design with many different beam angles and excellent color rendering of CRI >95 (R9 >90)

Various cable colors available

220-240V 50-60Hz	☐	CE	ON OFF	DALI	BLUE TOOTH	McA 3	IP 20

Installation:	Suspended
Optic:	Linse 12° / 24° / 38° / 60°
Light distribution:	Direct
Driver:	FIX, DALI, Bluetooth® (inside or on ceiling)
Materials:	Housing - natural solid wood
	Reflector - polycarbonate
Wood type:	Ash, Oak, American Walnut
Weight:	1,7 kg
Lifetime:	L80B10 60.000 hours
Ambient temperature:	0 / +35° C

Dimensions:

180

125

130
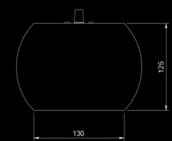
Code	Power	CRI	CCT	Lumen
WB	12 W	> 90	2700 K	975 lm
WB	12 W	> 90	3000 K	1050 lm
WB	12 W	> 95	3200 K	975 lm
WB	12 W	> 90	4000 K	1150 lm

Tolerance of light output and color temperature: +/- 10%
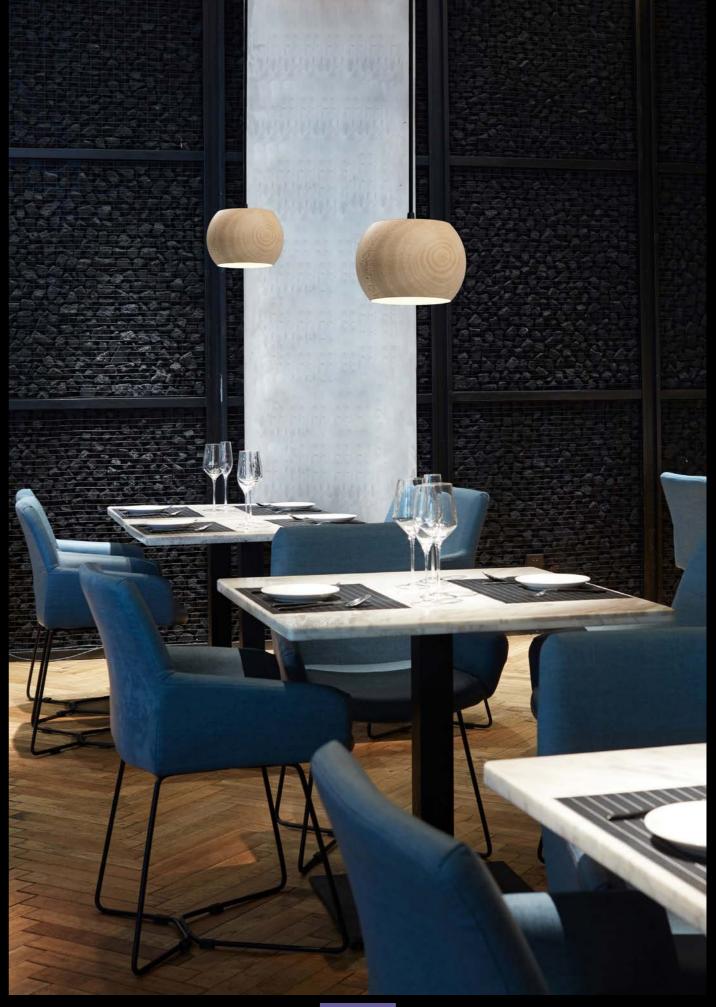
Order example:

WB	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WB	-	12	-	930	-	60	-	OAK	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

Wood Cone LED

Anti-static and anti-bacteria natural wood housing

Visual comfort due to shielded lens technology

Freedom in lighting design with many different beam angles and excellent color rendering of CRI >95 (R9 >90)

Various cable colors available

| 220-240V 50-60Hz | □ | CE | ON OFF | DALI | BLUE TOOTH | McA 3 | IP 20 |

Installation:	Suspended
Optic:	Linse 12° / 24° / 38° / 60°
Light distribution:	Direct
Driver:	FIX, DALI, Bluetooth® (inside or on ceiling)
Materials:	Housing - natural solid wood
	Reflector - polycarbonate
Wood type:	Ash, Oak, American Walnut
Weight:	1,3 kg
Lifetime:	L80B10 60.000 hours
Ambient temperature:	0 / +35° C

Dimensions:

125

178
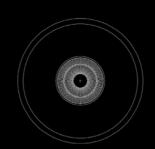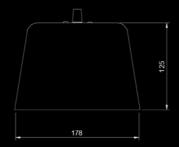
Code	Power	CRI	CCT	Lumen
WCO	12 W	> 90	2700 K	975 lm
WCO	12 W	> 90	3000 K	1050 lm
WCO	12 W	> 95	3200 K	975 lm
WCO	12 W	> 90	4000 K	1150 lm

Tolerance of light output and color temperature: +/- 10%
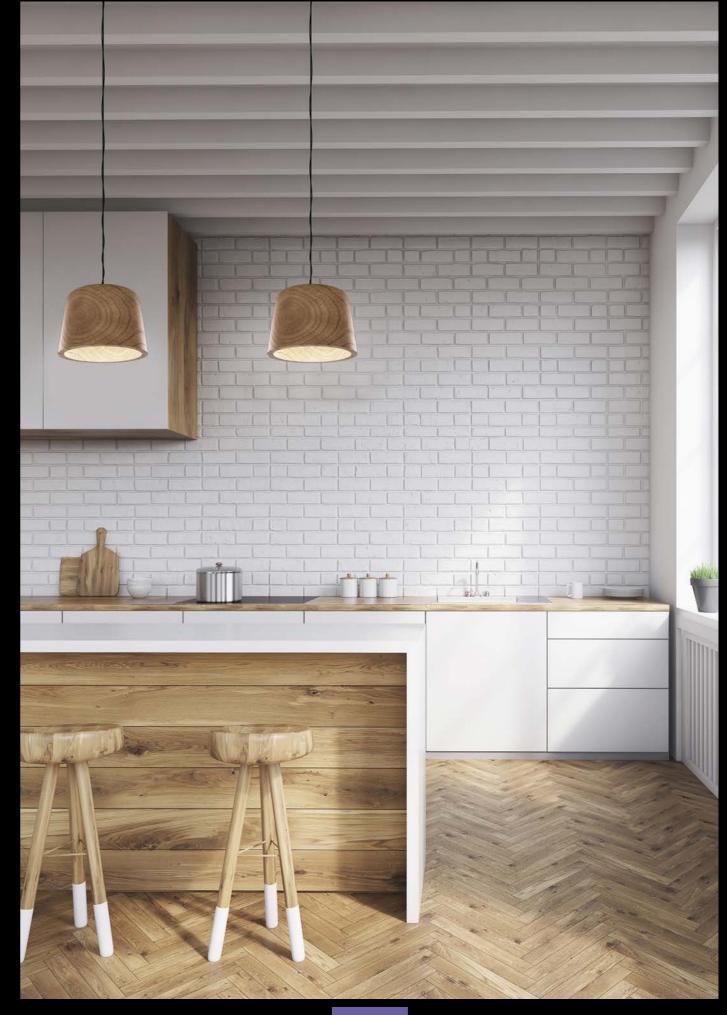
Order example:

WCO	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WCO	-	12	-	930	-	60	-	OAK	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

Wood Cylinder LED

Anti-static and anti-bacteria natural wood housing

Visual comfort due to shielded lens technology

Freedom in lighting design with many different beam angles and excellent color rendering of CRI >95 (R9 >90)

Various cable colors available

| 220-240V 50-60Hz | | CE | ON OFF | DALI | BLUE TOOTH | McA 3 | IP 20 |

Installation:	Suspended
Optic:	Linse 12° / 24° / 38° / 60°
Light distribution:	Direct
Driver:	FIX, DALI, Bluetooth® (inside or on ceiling)
Materials:	Housing - natural solid wood
	Reflector - polycarbonate
Wood type:	Ash, Oak, American Walnut
Weight:	0,9 kg
Lifetime:	L80B10 60.000 hours
Ambient temperature:	0 / +35° C

Dimensions:

140

116
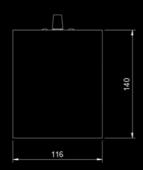
Code	Power	CRI	CCT	Lumen
WCY	12 W	> 90	2700 K	975 lm
WCY	12 W	> 90	3000 K	1050 lm
WCY	12 W	> 95	3200 K	975 lm
WCY	12 W	> 90	4000 K	1150 lm

Tolerance of light output and color temperature: +/- 10%
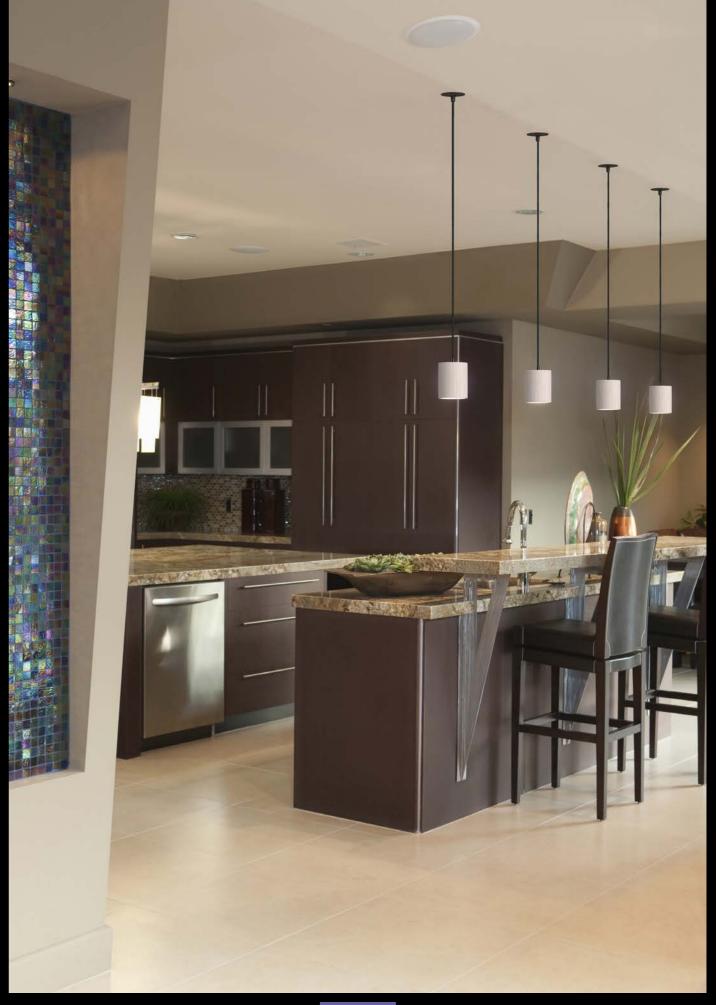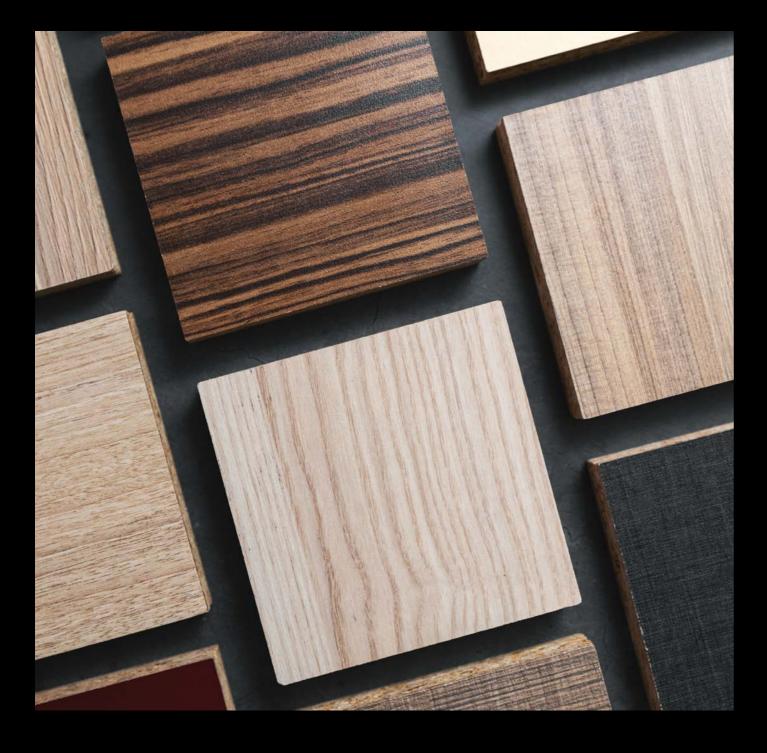
Order example:

WCY	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WCY	-	12	-	930	-	60	-	OAK	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

WOOD DECOR FRAMES

Wood decor frames on classic luminaires give the appearance of the lights a totally new character and different value perception. But not just luminaires, also wall switches and control panels will get a new look and upgrade. Just ask us about other ideas - we look forward to help you!

WOOD CARDANIC SPOT

WOOD CARDANIC TWIN SPOT

WOOD LINEAR DOWNLIGHT 190

Wood Cardanic Spot

220-240V 50-60Hz		CE	ON OFF	DALI		McA 3	IP 20	

Glare-free to due shielded lens technology

Low weight and compact modern design

Low maintenance costs with lens technology

2 luminaire head positions to reach upper wall segments

Fast installation with spring fixation

Installation:	Ceiling recessed
Optic:	Lens 12°/24°/38°/55°
Driver:	FIX, DALI
Materials:	Luminaire head - aluminium
	Housing - metal sheet
Decor:	Ash, Oak, American Walnut
	Lens - polycarbonate
Weight:	1.2 kg
Lifetime:	L80B10 50.000 hours
Ambient temperature:	0 / +35° C
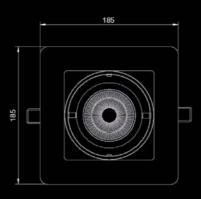
Code	Power	CRI	CCT	Lumen
WCS	16 W	> 90	2700 K	1300 lm
WCS	16 W	> 90	3000 K	1400 lm
WCS	16 W	> 95	3200 K	1300 lm
WCS	16 W	> 90	4000 K	1600 lm
WCS	28 W	> 90	2700 K	2200 lm
WCS	28 W	> 90	3000 K	2400 lm
WCS	28 W	> 95	3200 K	2200 lm
WCS	28 W	> 90	4000 K	2700 lm

Tolerance of light output and color temperature: +/- 10%

Dimensions:

Ceiling cutout: 165 x 165 mm

Order example:

WCS	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WCS	-	16	-	930	-	55	-	OAK	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

Wood Cardanic Twin Spot

Glare-free to due shielded lens technology

Low weight and compact modern design

Low maintenance costs with lens technology

2 luminaire head positions to reach upper wall segments

Fast installation with spring fixation

220-240V 50-60Hz	☐	CE	ON OFF	DALI	☀	McA 3	IP 20	⌐ +45° -45°

Installation:	Ceiling recessed
Optic:	Lens 12°/24°/38°/55°
Driver:	FIX, DALI
Materials:	Luminaire head - aluminium
	Housing - metal sheet
	Lens - polycarbonate
Decor:	Ash, Oak, American Walnut
Weight:	1.2 kg
Lifetime:	L80B10 50.000 hours
Ambient temperature:	0 / +35° C

Dimensions:

Ceiling cutout: 340 x 165 mm

Code	Power	CRI	CCT	Lumen
WCTS	2 x 16 W	> 90	2700 K	1300 lm
WCTS	2 x 16 W	> 90	3000 K	1400 lm
WCTS	2 x 16 W	> 95	3200 K	1300 lm
WCTS	2 x 16 W	> 90	4000 K	1600 lm
WCTS	2 x 28 W	> 90	2700 K	2200 lm
WCTS	2 x 28 W	> 90	3000 K	2400 lm
WCTS	2 x 28 W	> 95	3200 K	2200 lm
WCTS	2 x 28 W	> 90	4000 K	2700 lm

Tolerance of light output and color temperature: +/- 10%

Order example:

WCTS	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WCTS	-	16	-	930	-	55	-	OAK	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

Wood Linear Downlight 190

Glare-free due to innovative Dark Light Optics

Harmonious distribution with rectangular light footprint

Low weight and compact modern design

Low maintenance costs with lens technology

Fast installation with spring fixation

220-240V 50-60Hz		CE	ON OFF	DALI		McA 3	IP 20

Installation:	Ceiling recessed
Optic:	Lens 80°
Driver:	FIX, DALI, Bluetooth® (inside ceiling)
Materials:	Housing - aluminium
	Optic - polycarbonate
Decor:	Ash, Oak, American Walnut
Weight:	0,4 kg
Lifetime:	L80B10 50.000 hours
Ambient temperature:	0 / +35° C

Dimensions:

199

40

70

Ceiling cutout: 180 x 50 mm
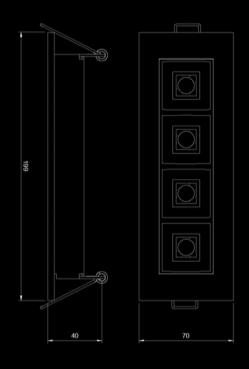
Code	Power	CRI	CCT	Lumen
WLD190	6 W	> 90	3000 K	660 lm
WLD190	6 W	> 90	4000 K	690 lm
WLD190	6 W	> 90	2700 - 6500 K	630 lm
WLD190	8 W	> 90	3000 K	980 lm
WLD190	8 W	> 90	4000 K	1020 lm

Tolerance of light output and color temperature: +/- 10%

Order example:

WLD190	-	Power	-	CRI / CCT	-	Beam	-	Wood	-	Driver	-	OPTION
WLD190	-	6	-	930	-	80	-	OAK	-	FIX	-	XYZ

We reserve the right to change product specifications without prior information

CLASSIC LED

P O R T F O L I O

CARDANIC SPOT FAMILY

The spot family consist of a product range which guarantees the same light quality for designing one space. That means each luminaire has the same technical specifications such as lifetime, color temperature coordinates, color rendering index and driver specifications. This is important since a combination of luminaries of different manufacturers in the same space result to different light parameters, even different life-times and product qualities.

The family consist of 4 members: Cardanic Spot, Cardanic Twin Spot, Cardanic Spot Round and Track Spot.

CARDANIC
TWIN SPOT

CARDANIC
SPOT

CARDANIC
SPOT ROUND

TRACK SPOT

ADVANTAGES VON CARDANIC SPOT FAMILIE

1 FREEDOM FOR LIGHTPLANERS AND INVESTORS
A variety of beam angles and power adjustments allow lighting designers to choose the best light concentration and uniformity for the individual space. But who is doing projects, knows as well, that adjustments after installation are sometimes helpful to satisfy the end-user. That is normal because everyone perceives the light different and someone would like to have more or less light on a certain area. Spot family allows with exchangeable lenses and light output adjustment directly on the LED driver a fine- tuning during and after installation.

2 NO UNCOMFORTABLE GLARE FOR EMPLOYESS AND ENDUSERS
The glare-free optical system is featured by a shielded lens technology with black luminaire heads which do not reflect the light outside the wished beam. This feature is similar to dark-light concepts. That means, the light is not visible on the luminaire meanwhile the room is nicely illuminated. The space turns into a glare-free environment for employees and customers, parallel increasing their comfort and satisfaction.

3 BOOST SALES WITH FOOD AND TRUE COLORS
Standard color temperatures like 2700 K, 3000 K and 4000 K with a color rendering index of 80 or 90 are often common requirements. Special food colors for vegetables, bakery goods, meat and fish will display the products even more appetizing and so increase addition sales. But it works as well with other materials like textiles or wood. By selecting the right color temperature, color rendering index and color spectrum the product sells itself. Here we strongly recommend our special featured LED which reach a CRI >95 and and amazing R9 > 90 value.
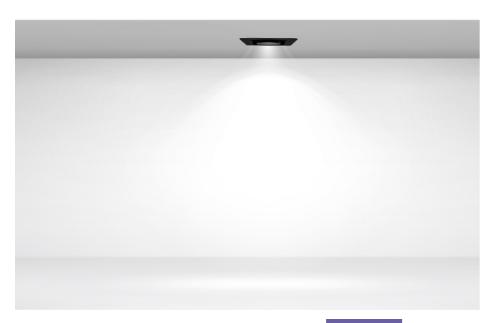
4 INCREASED SERVICE LIFETIME LEAD TO LOW MAINTENANCE COSTS

An excellent thermal management is one of the key factor for long product lifetimes and stable light quality over the use period. A bad thermal design result to a high phosphor temperature on the LED. This accelerate the natural phosphor aging and color shift of the luminaire. Spot family use forged heatsinks which has a higher AL intensity and following a better heat transfer by more than 35% compared to extruded or die-casted solutions.

5 FASTER INSTALLATION WITH INTEGRATED THROUGH WIRING OR PRE-INSTALLED POWER CORDS

Cardanic Spot, Cardanic Twin Spot, and Cardanic Spot Round come already with an integrated through wiring option. The installation time can be additional reduced by pre-assembled power cords with open ends or Wieland connectors.

6 VERTICAL ILLUMINATION UP TO THE CEILING

The cardanic family have already in the standard specifications a wide tilting range of more than 45°. Nevertheless, sometimes it is important to reach even higher wall segments, especially when shelves are placed very close to the ceiling. For this case we implemented a second luminaire head position, which is 25mm lower.

7 FASTER INSTALLATION WITH PROJECT SPECIFIC DIMENSIONS

Often we need to replace existing luminaires in the ceiling. If the replacement luminaire has different dimensions the installation time and costs are fast increasing because of uncomfortable adjustments of ceiling cutouts. Cardanics tool-free luminaire frames and housings allow fast customizations for project specific ceiling cutouts. This saves you time and money during installation.

Cardanic Spot

Glare-free due to shielded lens technology

Low weight and compact modern design

Low maintenance costs with lens technology

2 luminaire head positions to reach upper wall segments

Fast installation with spring fixation

| 220-240V 50-60Hz | ☐ | CE | ON OFF | DALI | IP 20 | ☀ | McA 3 | ⎇ |

Installation:	Ceiling recessed
Optic:	Lens 12°/24°/38°/55°
Driver:	FIX, DALI
Materials:	Luminaire head - aluminium
	Housing - metal sheet
	Linse - polycarbonate
Colors:	Black RAL 9005, White RAL 9003
Weight:	1.2 kg
Lifetime:	L80B10 50.000 hours
Ambient temperature:	0 / +35° C

Dimensions:
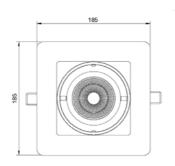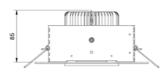
Ceiling cutout: 165 x 165 mm
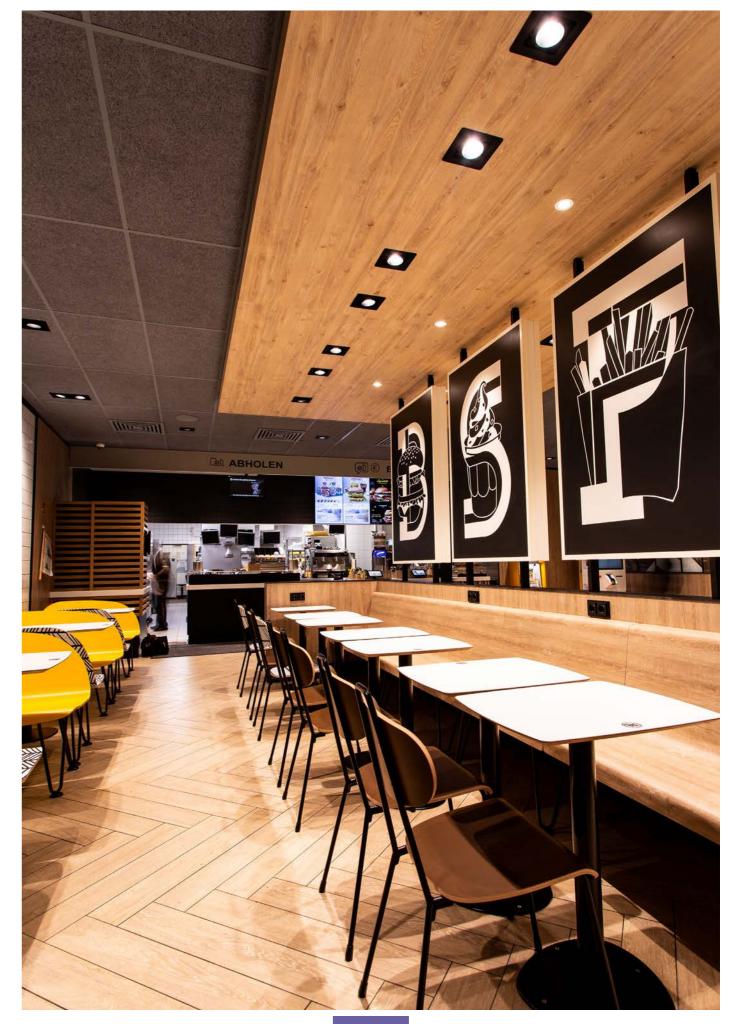
Code	Power	CRI	CCT	Lumen
CS	16 W	> 90	2700 K	1300 lm
CS	16 W	> 90	3000 K	1400 lm
CS	16 W	> 95	3200 K	1300 lm
CS	16 W	> 90	4000 K	1600 lm
CS	28 W	> 90	2700 K	2200 lm
CS	28 W	> 90	3000 K	2400 lm
CS	28 W	> 95	3200 K	2200 lm
CS	28 W	> 90	4000 K	2700 lm

Tolerance of light output and color temperature: +/- 10%

Order example:

CS	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	OPTION
CS	-	16	-	930	-	55	-	BL	-	DALI	-	XYZ

We reserve the right to change product specifications without prior information

Cardanic Twinspot

Glare-free due to shielded lens technology

Low weight and compact modern design

Low maintenance costs with lens technology

2 luminaire head positions to reach upper wall segments

Fast installation with spring fixation

| 220-240V 50-60Hz | | CE | ON OFF | DALI | IP 20 | | McA 3 | +45° -45° |

Installation:	Ceiling recessed
Optic:	Linse 12°/24°/38°/55°
Driver:	FIX, DALI
Materials:	Luminaire head - aluminium
	Housing - metal sheet
	Lens - polycarbonate
Colors:	Black RAL 9005, White RAL 9003
Weight:	2.4 kg
Lifetime:	L80B10 50.000 hours
Ambient temperature:	0 / +35° C

Dimensions:

Ceiling cutout: 340 x 165 mm
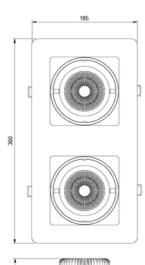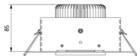
Code	Power	CRI	CCT	Lumen
CTS	2 x 16 W	> 90	2700 K	2 x 1300 lm
CTS	2 x 16 W	> 90	3000 K	2 x 1400 lm
CTS	2 x 16 W	> 95	3200 K	2 x 1300 lm
CTS	2 x 16 W	> 90	4000 K	2 x 1600 lm
CTS	2 x 28 W	> 90	2700 K	2 x 2200 lm
CTS	2 x 28 W	> 90	3000 K	2 x 2400 lm
CTS	2 x 28 W	> 95	3200 K	2 x 2200 lm
CTS	2 x 28 W	> 90	4000 K	2 x 2700 lm

Tolerance of light output and color temperature: +/- 10%

Order example:

CS	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	OPTION
CTS	-	2x16	-	930	-	55	-	BL	-	DALI	-	XYZ

We reserve the right to change product specifications without prior information

Cardanic Spot Round

Glare-free due to shielded lens technology

Low weight and compact modern design

Low maintenance costs with lens technology

2 luminaire head positions to reach upper wall segments

Fast installation with spring fixation

| 220-240V 50-60Hz | | CE | ON OFF | DALI | IP 20 | | McA 3 | +45° -45° |
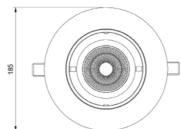
Installation:	Ceiling recessed
Optic:	Linse 12°/24°/38°/55°
Driver:	FIX, DALI, Bluetooth®
Materials:	Housing - aluminium
	Lens - polycarbonate
Colors:	Black RAL 9005, White RAL 9003
Weight:	1,12 kg
Lifetime:	L80B10 50.000 hours
Ambient temperature:	0 / +35° C

Ceiling cutout: Diameter 165 mm
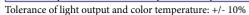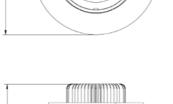
Code	Power	CRI	CCT	Lumen
CSR	16 W	> 90	2700 K	1300 lm
CSR	16 W	> 90	3000 K	1400 lm
CSR	16 W	> 95	3200 K	1300 lm
CSR	16 W	> 90	4000 K	1600 lm
CSR	28 W	> 90	2700 K	2200 lm
CSR	28 W	> 90	3000 K	2400 lm
CSR	28 W	> 95	3200 K	2200 lm
CSR	28 W	> 90	4000 K	2700 lm

Tolerance of light output and color temperature: +/- 10%

Order example:

CSR	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	OPTION
CSR	-	16	-	930	-	55	-	BL	-	DALI	-	XYZ

We reserve the right to change product specifications without prior information

Track Spot

Glare-free due to shielded lens technology

Low weight and compact modern design

Low maintenance costs with lens technology

| 220-240V 50-60Hz | ▢ | CE | ON OFF | DALI | IP 20 | McA 3 |

Installation:	Track Rail (Stucchi, Nordic, Eutrac)
Optic:	Linse 12°/24°/38°/55°
Driver:	FIX, DALI
Materials:	Luminaire head - aluminium
	Holder - metal sheet
	Lens - polycarbonate
Colors:	Black RAL 9005, White RAL 9003
Weight:	0,8 kg
Lifetime:	L80B10 50.000 hours
Ambient temperature:	0 / +35° C

Dimensions:
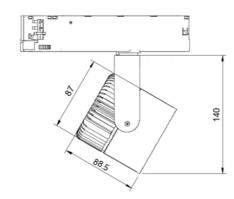
Code	Power	CRI	CCT	Lumen
TS	16 W	> 90	2700 K	1300 lm
TS	16 W	> 90	3000 K	1400 lm
TS	16 W	> 95	3200 K	1300 lm
TS	16 W	> 90	4000 K	1600 lm
TS	28 W	> 90	2700 K	2200 lm
TS	28 W	> 90	3000 K	2400 lm
TS	28 W	> 95	3200 K	2200 lm
TS	28 W	> 90	4000 K	2700 lm

Tolerance of light output and color temperature: +/- 10%

Order example:

TS	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	OPTION
TS	-	16	-	930	-	55	-	BL	-	DALI	-	XYZ

We reserve the right to change product specifications without prior information

LINEAR DOWNLIGHT FAMILY

The lights of this product range guarantee a homogeneous light quality for the interior design, especially in combination with the pendant lights from our wood LED portfolio. Each luminaire has the same technical specifications: lifetime, color temperature and coordinates, color rendering index and driver specifications.

This is important because a combination of lights from different manufacturers in the space can lead to different lighting parameters, different lifetimes and different product qualities.
The product family consists of 3 members: Linear Downlight 190, Linear Downlight 310 and Linear Downlight 1170.

LINEAR DOWNLIGHT 190

LINEAR DOWNLIGHT 310

LINEAR DOWNLIGHT 1170

ADVANTAGES OF DARK LIGHT FAMILY
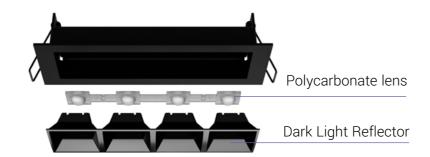
1 FREEDOM FOR LIGHT PLANERS AND INVESTORS
A variety of beam angles and power adjustments allow lighting designers to choose the best light concentration and uniformity for the individual space. But who is doing projects, knows as well, that adjustments after installation are sometimes helpful to satisfy the customer for 100%.

That is normal because everyone perceives the light different and someone would like to have more or less light on a certain area. The dark light family allows a light output adjustment directly on the LED driver a fine-tuning during and after installation.

2 VISUAL COMFORT
The glare-free dark light system is featured by a shielded lens technology with black reflectors which do not reflect the light outside the wished beam. That means, the light is not visible on the luminaire meanwhile the room is nicely illuminated. The space turns into a glare- free environment for employees and customers, parallel increasing their comfort and satisfaction.
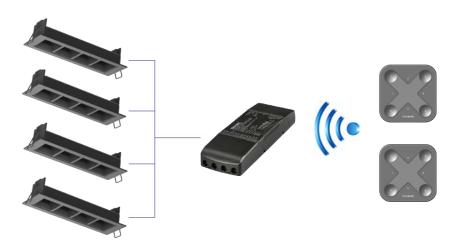
Polycarbonate lens

Dark Light Reflector

3 HARMONIOUS DISTRIBUTION OF LIGHT
Rectangular lighting pattern result to very uniform light distribution without hot spots. Depending on the room dimensions and needed intensity you can choose between 50° and 80° beam angle.

4 LOWERING SYSTEM COSTS
Because of the low power consumption it makes sense to use central drivers in the project. Especially for the TW solutions the system costs can be significantly reduced. On demand we provide as well the complete cabeling solutions which allows to connect the driver with the luminaires via Plug & Play.

5 REDUCE INSTALLATION COSTS TO A MINIMUM
All luminaires are easy to mount with simple springs. This benefit caused by the low weight is an huge advantage especially in the Linear Downlight 1170. AL extruded housings in ceiling recessed applications have usually the disadvantage that you have to remove the optic to access the fixation mechanism and the installation takes multible times longer.

6 PREPARATION FOR INSTALLATION
The installation time can be additional reduced by pre-assembled power cords with open ends or Wieland connectors.

„EFFICIENT IN USE, EASY TO INSTALL WITH GREAT VISUAL PERFORMANCE FOR COMFORT AND WELL - BEING"

Linear Downlight 190

Glare-free due to innovative Dark Light Optics

Harmonious distribution with rectangular light footprint

Low weight and compact modern design

Low maintenance costs with lens technology

Fast installation with spring fixation

| 220-240V 50-60Hz | | CE | ON OFF | DALI | BLUE TOOTH | IP 20 | | McA 3 |

Installation:	Ceiling recessed
Optic:	Lens 50°, 80°
Driver:	FIX, DALI, Bluetooth®
Materials:	Housing - aluminium
	Optic - polycarbonate
Colors:	Black RAL 9005, White RAL 9003
Weight:	0,4 kg
Lifetime:	L80B10 50.000 hours
Ambient temperature:	0 / +35° C

Dimensions:
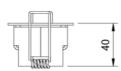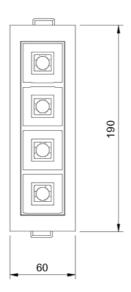
Code	Power	CRI	CCT	Lumen
LD190	6 W	> 90	3000 K	660 lm
LD190	6 W	> 90	4000 K	690 lm
LD190	6 W	> 90	2700 - 6500 K	630 lm
LD190	8 W	> 90	3000 K	980 lm
LD190	8 W	> 90	4000 K	1020 lm

Tolerance of light output and color temperature: +/- 10%
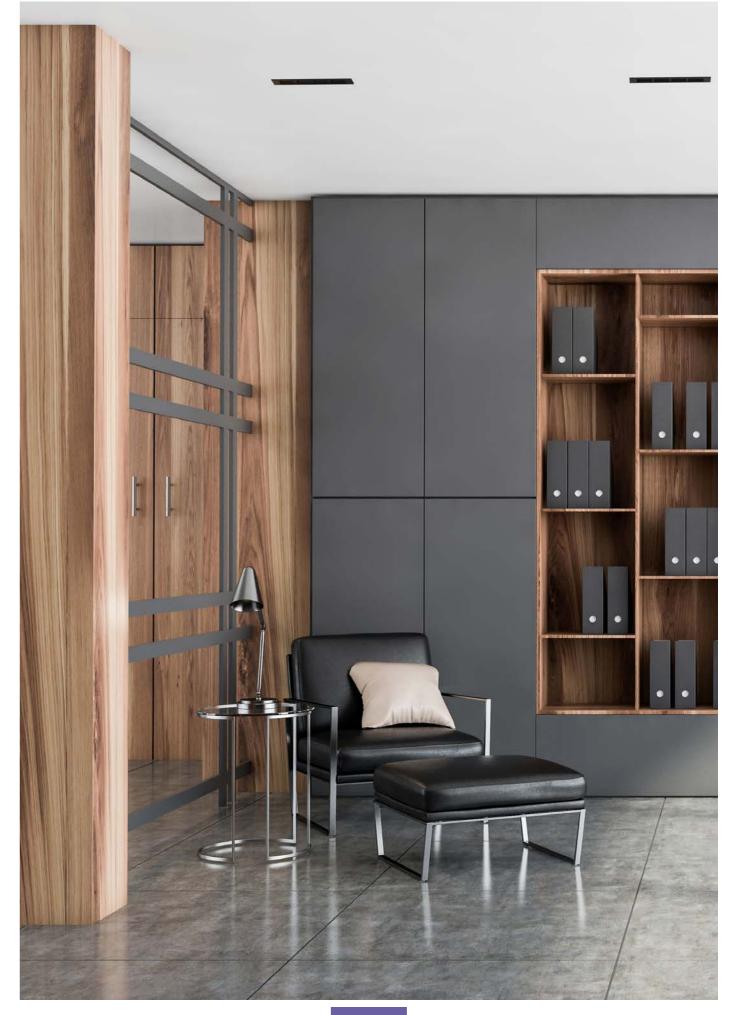
Ceiling cutout: 180 x 50 mm

Order example:

LD190	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	OPTION
LD190	-	6	-	930	-	80	-	BL	-	DALI	-	XYZ

We reserve the right to change product specifications without prior information

Linear Downlight 310

Glare-free due to innovative Dark Light Optics

Harmonious distribution with rectangular light footprint

Low weight and compact modern design

Low maintenance costs with lens technology

Fast installation with spring fixation

| 220-240V 50-60Hz | | CE | ON OFF | DALI | BLUE TOOTH | IP 20 | | McA 3 |

Installation:	Ceiling recessed
Optic:	Lens 50°, 80°, asymmetric
Driver:	FIX, DALI, Bluetooth®
Materials:	Housing - aluminium
	Optic - polycarbonate
Colors:	Black RAL 9005, White RAL 9003
Weight:	0,7 kg
Lifetime:	L80B10 50.000 hours
Ambient temperature:	0 / +35˚ C

Dimensions:

Ceiling cutout: 300 x 50 mm
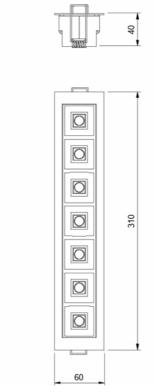
Code	Power	CRI	CCT	Lumen
LD310	9 W	> 90	3000 K	1160 lm
LD310	9 W	> 90	4000 K	1210 lm
LD310	7 W	> 90	2700 - 6500 K	830 lm
LD310	14 W	> 90	3000 K	1720 lm
LD310	14 W	> 90	4000 K	1790 lm

Tolerance of light output and color temperature: +/- 10%

Order example:
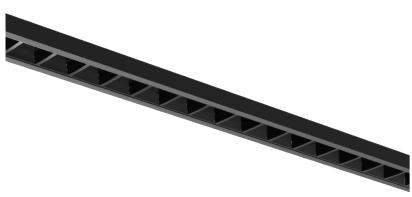
LD310	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	OPTION
LD310	-	9	-	930	-	80	-	BL	-	DALI	-	XYZ

We reserve the right to change product specifications without prior information

Linear Downlight 1170

Glare-free due to innovative Dark Light Optics

Harmonious distribution with rectangular light footprint

Low weight and compact modern design

Low maintenance costs with lens technology

Fast installation with spring fixation

220-240V 50-60Hz	☐	CE	ON OFF	DALI	BLUE TOOTH	IP 20	☀	McA 3

Installation:	Ceiling recessed
Optic:	Lens 50°, 80°, asymmetric
Driver:	FIX, DALI, Bluetooth®
Materials:	Housing - aluminium
	Optic - polycarbonate
Colors:	Black RAL 9005, White RAL 9003
Weight:	0,7 kg
Lifetime:	L80B10 50.000 hours
Ambient temperature:	0 / +35° C

Dimensions:

Code	Power	CRI	CCT	Lumen
LD1170	27 W	> 90	3000 K	3480 lm
LD1170	27 W	> 90	4000 K	3630 lm
LD1170	28 W	> 90	2700 - 6500 K	3480 lm
LD1170	36 W	> 90	3000 K	4640 lm
LD1170	36 W	> 90	4000 K	5080 lm

Tolerance of light output and color temperature: +/- 10%
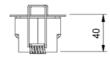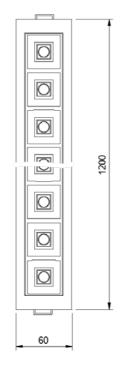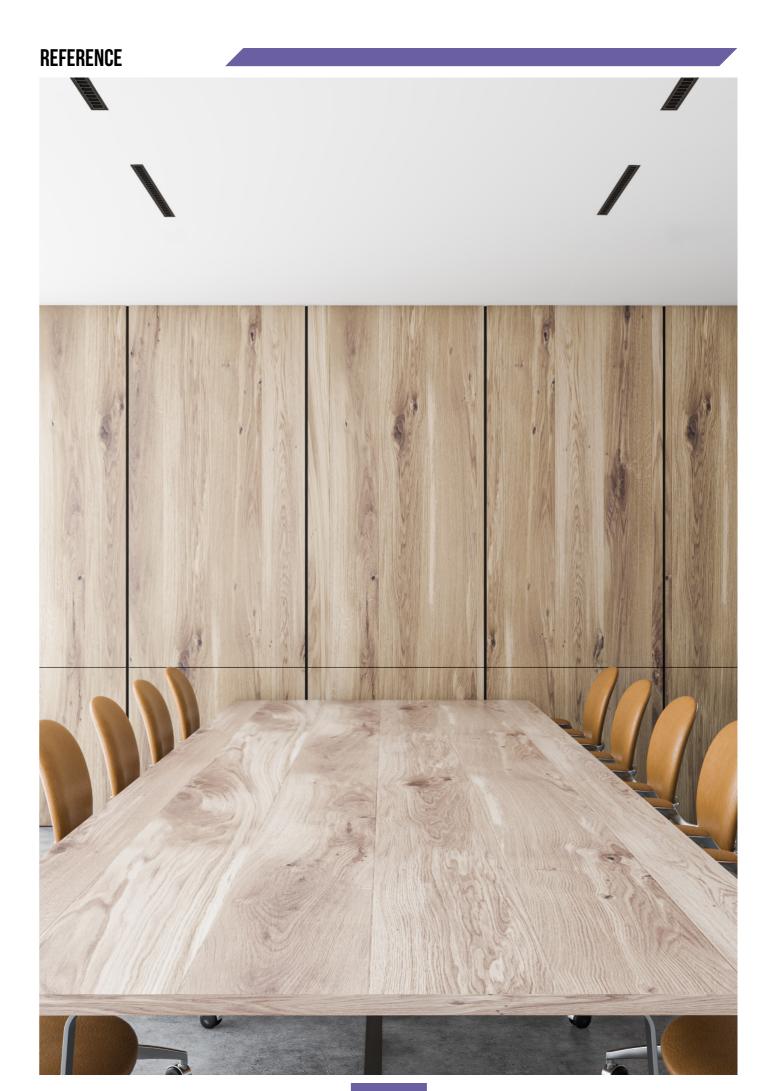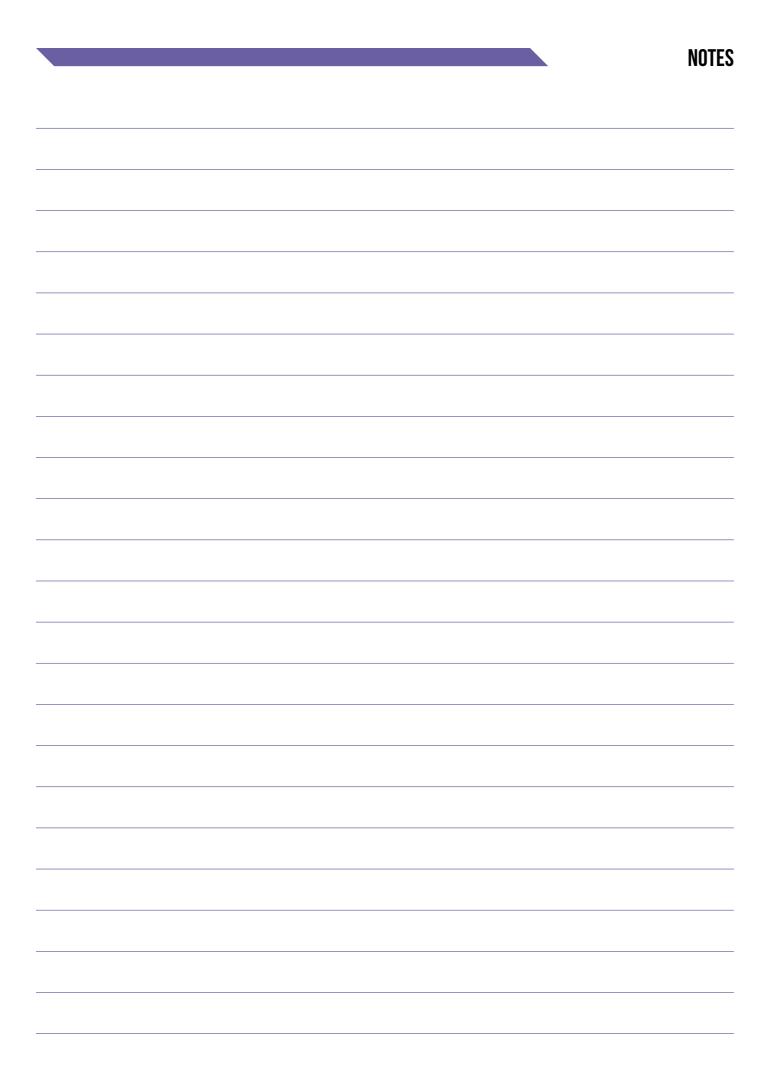
Order example:

LD1170	-	Power	-	CRI / CCT	-	Beam	-	Color	-	Driver	-	OPTION
LD1170	-	27	-	930	-	80	-	BL	-	DALI	-	XYZ

We reserve the right to change product specifications without prior information

Hoogaerts
lichttechniek

Hoogaerts

lichttechniek

Hofdreef 26

4881 DR

Zundert

T 076-5974424

info@hoogaerts.nl

www.hoogaerts.nl