RIBAG

MESH – VERTICO – ARVA
SMART LIGHTING.

New Products 16

RibagAir

VERTICO

ARVA

MESH

"LIGHTING THAT THINKS!"

RibagAir
smart lighting

Dear Reader,

Digitisation has already turned so much of life on its head. After spreading its influence throughout the music and film industry, it now has a firm grip on the fate of architecture. Modern building automation makes it possible for us to completely reorganise, manage and control our living and working spaces. "Smart Building" is the buzzword that symbolically denotes the progressive penetration of digital technology in our everyday life.

This unstoppable trend is fundamentally changing our industry. Unwilling to stand by as the passive victim, RIBAG has already embraced this wave of change. With "RibagAir" Smart Lighting we have created a foundation for the future that is characterised by sustainability, comfort and safety.

The latest generation of RIBAG lamps redefines the meaning of lighting comfort. Gone are the days of complex electrical installations and complicated light controls. RibagAir unites the smart RIBAG lamps in a wireless system that gives you a personal ambience and maximum freedom at any time, in any place. Now that is smart.

Opt for our pioneering lighting solutions and we'll take you with us on our inspiring journey into the future.

Andreas Richner
CEO

RibagAir
smart lighting

Lighting has never been so easy
and convenient.

Brilliant and perfect:
The way you can comfortably control the colour
and intensity of the light with RibagAir is simply
brilliant. Now you can enjoy maximum flexibility
in designing your perfect lighting effect.

"AS INDIVIDUAL
AS YOU."

Pascal Amacker, Creative Director

Quick and easy:
Smart lighting concepts have never been so easy
thanks to RibagAir. No complicated control wiring
or programming.

"LIGHTING DESIGN
HAS NEVER BEEN
SO EASY."

Thomas Richner, Sales Manager

Networked without limits:
RibagAir, with ZigBee technology, networks
our lights wirelessly through Smart Home,
so we can benefit from intelligent interactions
with countless other systems.

"CONNECTED WITH THE WORLD."

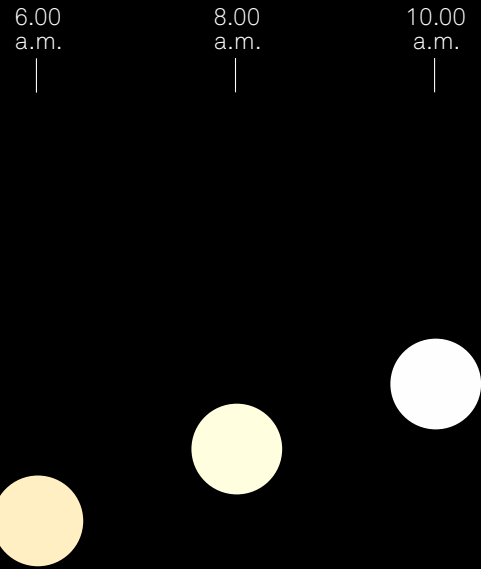**Marcel Griessmann, Head of R&D**

Smart is efficient:
Saving energy and costs. Thanks to the clever
wireless technology of RibagAir, you can plan,
install and expand your lighting with ease –
you can save a lot of energy.

"SAVING ON ENERGY AND COSTS."

Nicole Faltinek, Lighting Designer

ZigBee
Member

With RibagAir for a personal ambience.

Life starts with light. In addition to its functional role, light also plays an important influential role on the way we feel. Early in the morning it is light that stirs our body into action, and late at night we seek soothing calm and quiet for a restful sleep. RibagAir reflects the diversity of emotionality and focuses on the biological effect of light.

6.00 a.m.

8.00 a.m.

10.00 a.m.

Configure your lighting as you please using the app.

7.00 a.m.: healthy wake-up trigger

7.00 p.m.: relaxed conversation

2.00 p.m.: focused work

12.00 a.m.   2.00 p.m.   4.00 p.m.   6.00 p.m.   8.00 p.m.   10.00 p.m.

— 5700 K

— 4700 K

— 3700 K

— 2700 K
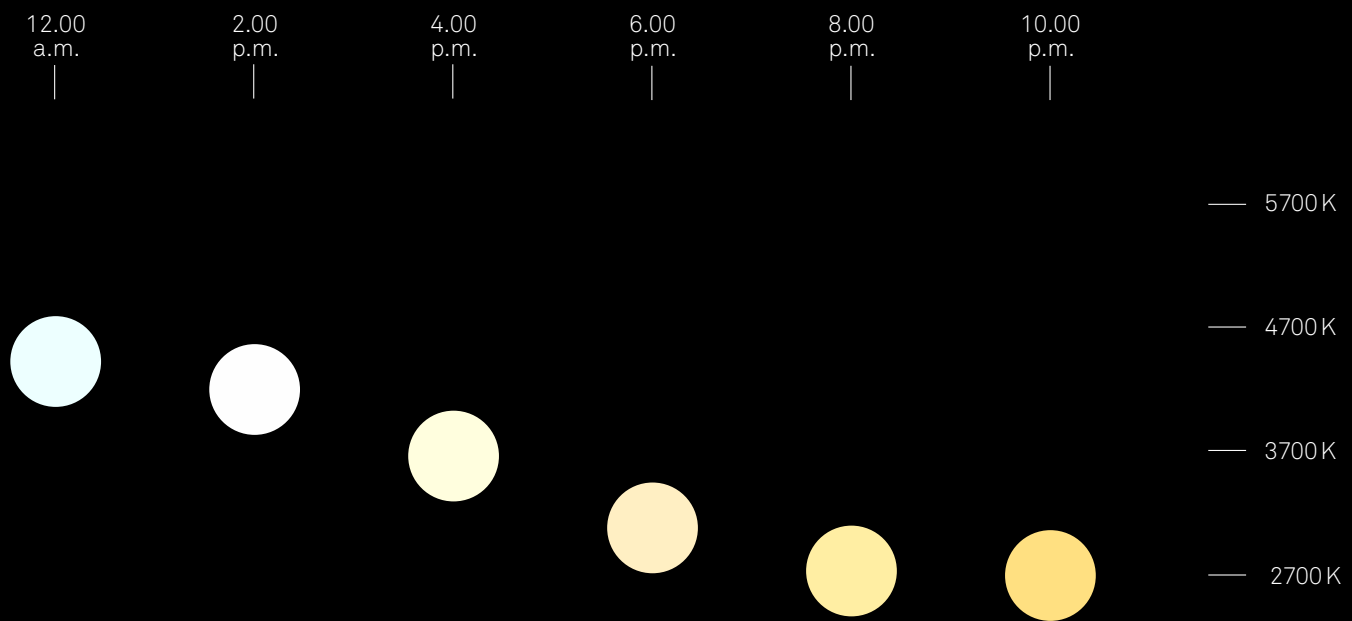
Networked with your internal clock

RibagAir lamps automatically create the right light at the right time. Biodynamic lighting works like a timer for our internal clock and has a positive influence on our sense of wellbeing.

RibagAir

Experience the fascination of RibagAir

ribag.com/ribagair

VERTICO

RIBAG Design Studio

The graceful VERTICO lamp collection sets the tone of any setting. Whether it is for sophisticated place settings, a powerful presentation or an evocative staging full of atmosphere – VERTICO always accentuates the special high-lights. The metal parts milled and finished from pure aluminium coupled with a timeless design capture the fascination. The unique ability of the light cone to focus with the greatest of flexibility fulfils the highest demands in lighting.
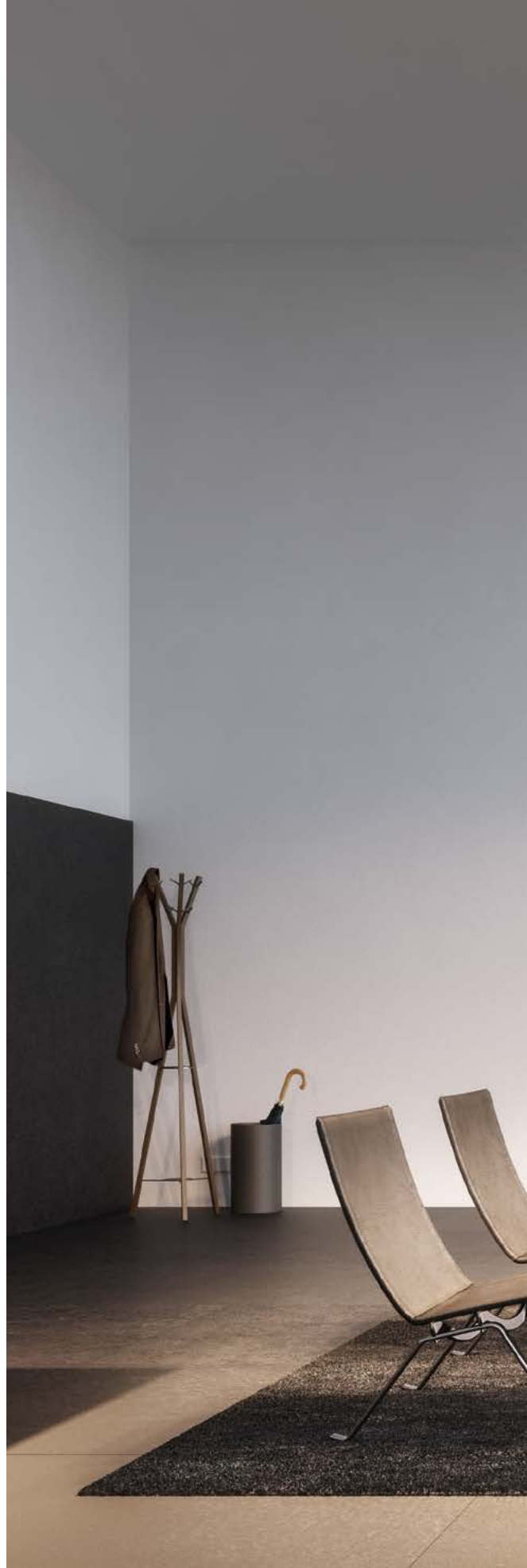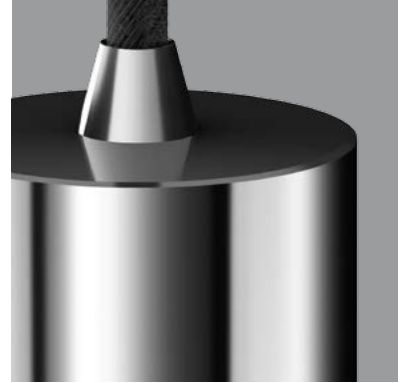
LIGHTING TECHNOLOGY AT ITS MOST BEAUTIFUL

VERTICO is the first series of lamps to have a variable beam angle and adjustable lighting colour. The refined focus ring is the model's defining feature and the unifying design and functional element of the entire series. The lighting of any room can be brilliantly staged with just one lighting tool.
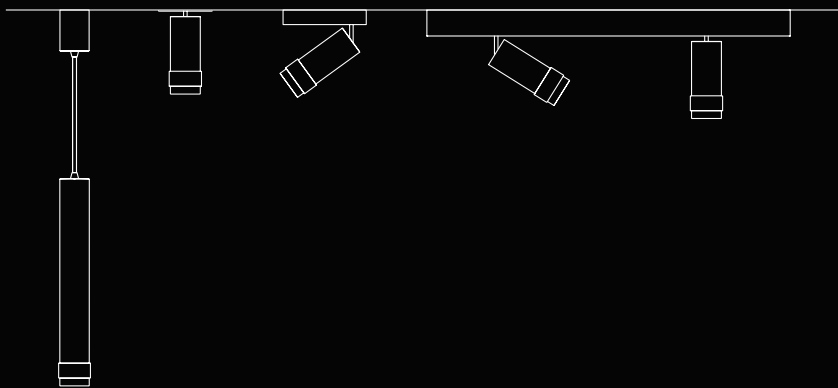
Versatile lighting system

VERTICO is the ideal range of lamps for complete lighting solutions with distinct requirements. As a pendant, mounted and 3-phase track-mounted lamp or integrated in our proven METRON lighting system: VERTICO masters the challenges of lighting tasks with extreme precision and flexibility.

Variable light

The specially designed lens made from high-quality glass creates a uniform distribution of light without any unnecessary waste. By using the focus ring, the angle of the beam can be freely changed from 20° to 60° for specific tasks or areas. The TunableWhite technology used in the RibagAir lamps from 2700 K to 5700 K, is characterised in any light colour range by a constant lumen package.

Focus ring to adjust
the output of light

Variable light cone
20° – 60°

ARVA

Design Daniel Kübler

ARVA stands for universal lighting solutions. The rigorously designed lighting range is impressive due to the vast flexibility of use for a variety of lighting tasks. Adjusted to suit the spatial requirements, the pendant and mounted lamps are admired for their high light aesthetics.

reddot award 2016
winner

ICONIC AWARDS 2016
INTERIOR INNOVATION
selection

ARVA SIMPLIFIES LIGHTING DESIGN WITH AN UNDENIABLE COMMAND

As the world of architecture works more and more freely with its sophisticated living and working areas, so does ARVA become ever more the problem solver.
A consistent design, proportions that are carefully coordinated, sound materials and the latest in lighting technology combine to create professional lighting.

Greater impact

ARVA pendant lamps and add-on elements with lens optics are truly impressive with this precise light distribution and complete non-glare quality. Whether at home, in a restaurant or club lounge, ARVA with lens optics and best lighting quality (CRI 95) brings the essentials into focus.
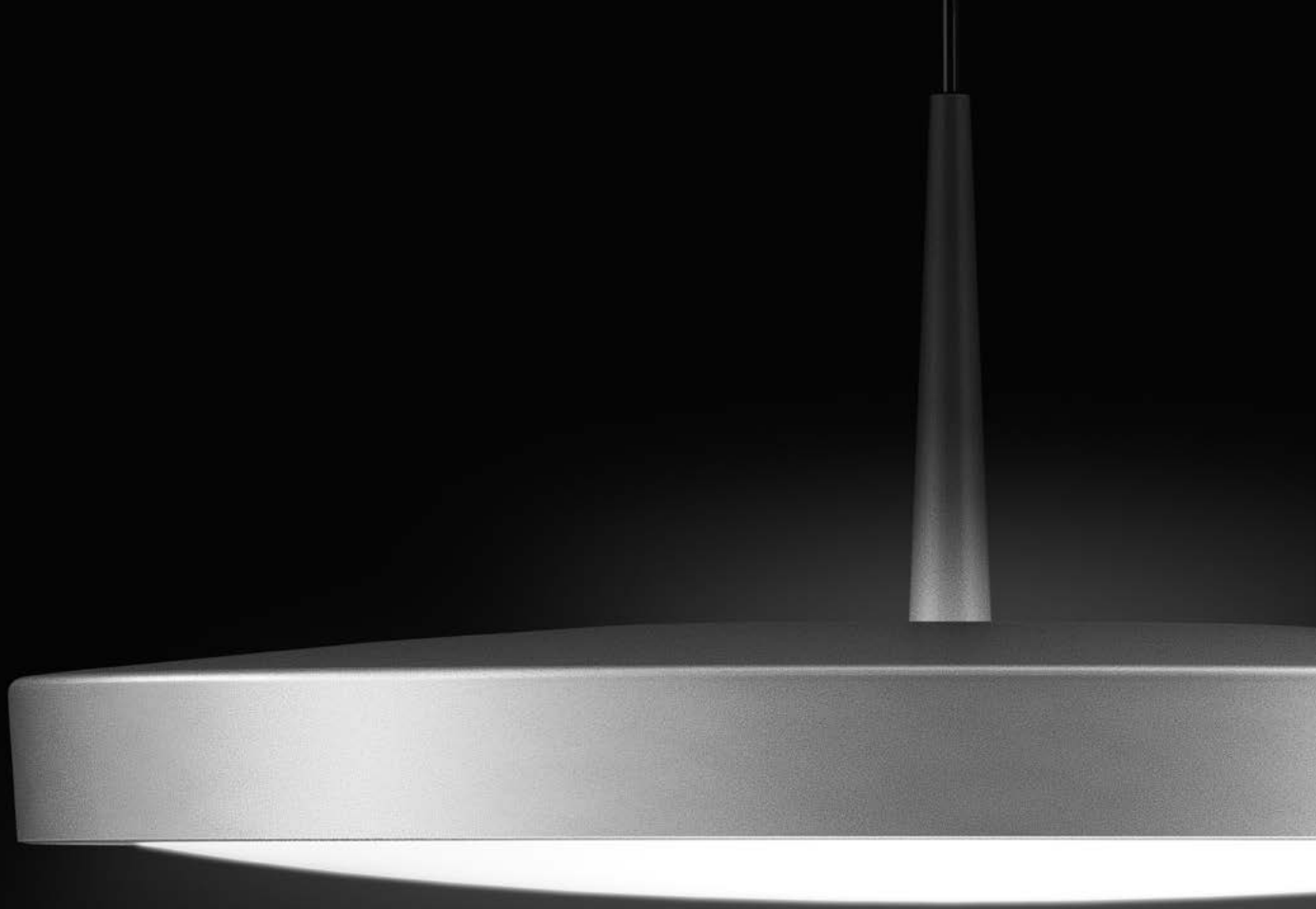
Greater feeling of space

"Perfect lighting gives rooms more room." The compactly arranged pendant lamps really impress with their pleasant direct (80 %)/indirect (20 %) distribution of light. Together with the universal mounted lamps, ARVA are an ideal combination of the highest lighting comfort and the lowest possible energy use.

MESH

Design Daniel Kübler

MESH fulfills the demand for tailored lighting. If the meeting transitions seamlessly into a relaxed phase and vice versa, then lighting solutions to suit both contexts are required. With its high degree of individuality and ground-breaking lighting technology, MESH is the answer to the dynamic changes in our working environment.
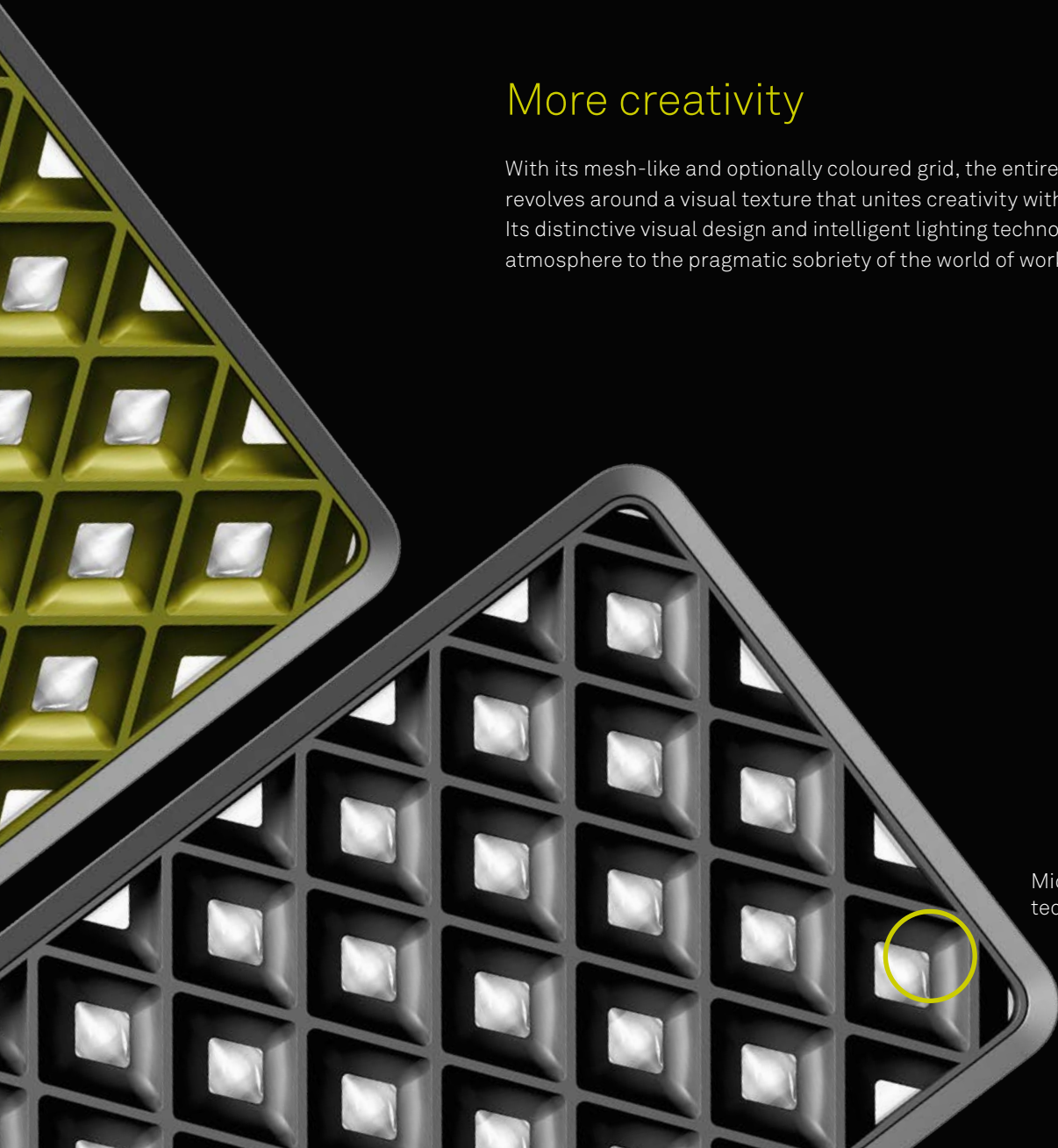
THE NEW DIMENSION
IN LIGHTING COMFORT

From the workstation to the conference room and reception area – as a pendant or mounted lamp, the pleasant lighting created by MESH never fails to please wherever it shines. With an impressive luminous efficacy of up to 140 lumens per watt, this innovative range of lamps is unrivalled in terms of its economic efficiency.

More creativity

With its mesh-like and optionally coloured grid, the entire concept of MESH revolves around a visual texture that unites creativity with functionality. Its distinctive visual design and intelligent lighting technology lend a pleasant atmosphere to the pragmatic sobriety of the world of work.

Micro-lens technology

Wide beaming
indirect light (120°)

Batwing similar
direct light distri-
bution UGR <16

More variation

The energy-optimised percentage of direct / indirect
light (75 % / 25 %), the perfect anti-glare (UGR <16) and
the variation in the colour and intensity of the light
(2700 K to 5700 K) all ensure that demanding visual
tasks are optimally fulfilled.

VERTICO

Pendant lamps

- Mounting: can be mounted on ceiling, black fabric cable
  3 x 0.75 mm² (RibagAir), 5 x 0.75 mm² (DALI), length 2500 mm
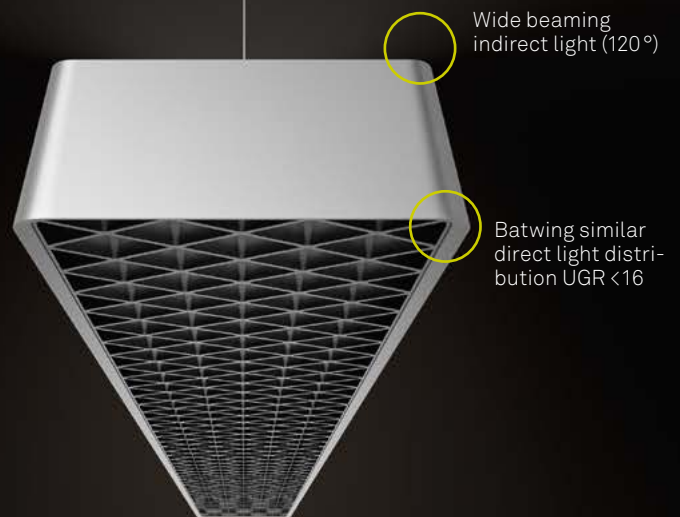 (order canopy or mounting rail separately)
- Lamp housing: brushed aluminium, natural, anodised black or
  champagne, polished chrome and white satin matt RAL 9003
- Optics: high-quality glass lens, fully adjustable focus from 20° to 60°
- LED: CRI 95, 2700 K, 3000 K, 4000 K or tunable white CRI 85,
  2700 K to 5700 K (max. 30 % lumen reduction with a variable
  beam angle)
- Service life: 50,000 hrs with 70 % luminous flux
- Control gear: EB 230 V/50 Hz, dimmable DALI or wireless control
  with RibagAir (ZigBee® remote standard)*
- Lamp protection class: I
- Lamp protection level: IP 20
- Energy efficiency class A to A++, includes built-in
  LED lamps, lamps cannot be exchanged

Anodised natural (without canopy)

Art. No.	Watt	Lumen	Kelvin	Dimmable
4085.200.27.0 DIG	15	1200	2700	DALI
4085.200.30.0 DIG	15	1250	3000	DALI
4085.200.40.0 DIG	15	1300	4000	DALI
4085.200.00.0 AIR	15	1300	2700 – 5700	RibagAir

Anodised black (without canopy)

Art. No.	Watt	Lumen	Kelvin	Dimmable
4085.200.27.2 DIG	15	1200	2700	DALI
4085.200.30.2 DIG	15	1250	3000	DALI
4085.200.40.2 DIG	15	1300	4000	DALI
4085.200.00.2 AIR	15	1300	2700 – 5700	RibagAir

Anodised champagne (without canopy)

Art. No.	Watt	Lumen	Kelvin	Dimmable
4085.200.27.9 DIG	15	1200	2700	DALI
4085.200.30.9 DIG	15	1250	3000	DALI
4085.200.40.9 DIG	15	1300	4000	DALI
4085.200.00.9 AIR	15	1300	2700 – 5700	RibagAir

White satin matt (without canopy)

Art. No.	Watt	Lumen	Kelvin	Dimmable
4085.200.27.3 DIG	15	1200	2700	DALI
4085.200.30.3 DIG	15	1250	3000	DALI
4085.200.40.3 DIG	15	1300	4000	DALI
4085.200.00.3 AIR	15	1300	2700 – 5700	RibagAir

Polished chrome (without canopy)

Art. No.	Watt	Lumen	Kelvin	Dimmable
4085.200.27.1 DIG	15	1200	2700	DALI
4085.200.30.1 DIG	15	1250	3000	DALI
4085.200.40.1 DIG	15	1300	4000	DALI
4085.200.00.1 AIR	15	1300	2700 – 5700	RibagAir

* Tips on design planning and RibagAir control units, pages 38/39

Distance (m)	
1.0	0.4 – 1.1
2.0	0.7 – 2.1
3.0	1.1 – 3.1
4.0	1.4 – 4.2
5.0	1.8 – 5.2
Taper diameter (m)	
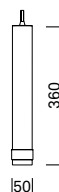
Accessories for pendant lamps

Canopy for pendant lamps
- Canopy: brushed aluminium
- Colours: anodised natural, black or champagne, polished chrome
  or white satin matt RAL 9003 painted

Art. No.	Colour
4085.221.0	Natural
4085.221.2	Black
4085.221.9	Champagne
4085.221.3	White satin matt
4085.221.1	Polished Chrome

Covering rosette for canopy
- Covering rosette: brushed aluminium
- Colours: natural, black, champagne-anodised,
  polished chrome or white satin RAL 9003 painted
- For large cable outlet openings up to Ø 75 mm
- Tool-free assembly between canopy and ceiling

Art. No.	Colour
4085.220.0	Natural
4085.220.2	Black
4085.220.9	Champagne
4085.220.3	White satin matt
4085.220.1	Polished Chrome

Mounting rails for 2 or 3 pendant lamps
- Mounting rail: extruded aluminium section
- Colours: anodised natural, black satin matt RAL 9005 or
  white satin matt RAL 9003 painted
- Feed-through wiring: 5 x 1.5 mm², for series mounting
- Compatible with the METRON system
- Connecting plate: order separately

Art. No.	Colour	Length mm
4085.222.0	Natural	800
4085.222.2	Black	800
4085.222.3	White	800
4085.223.0	Natural	1500
4085.223.2	Black	1500
4085.223.3	White	1500
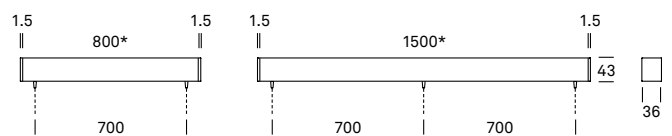
* Length without end plates

Optional accessories for the Metron system see page 142
in RIBAG general catalogue.

Multi-adapter for 3-phase lighting track
- Housing: polycarbonate V0
- With protective conductor connection and phase selector
- With data bus option (ordered separately)

Art. No.	Colour
912.000.8	Metallic grey
912.000.3	White
912.000.2	Black

Data bus for multi-adapter
- Electronic PCB for installation in a multi-adapter
- with SELV safety device

Art. No.
912.001.0

VERTICO

Mounted spotlight

– Mounting: can be mounted on the ceiling or wall
– Lamp housing: brushed aluminium, anodised natural or black or white satin matt RAL 9003 painted
– Function: 360° rotation and 90° swivel action
– Optics: high-quality glass lens, fully adjustable focus from 20° to 60°
– LED: CRI 95, 2700 K, 3000 K, 4000 K or tunable white CRI 85, 2700 K to 5700 K (max. 30 % lumen reduction with a variable beam angle)
– Service life: 50,000 hrs with 70 % luminous flux
– Control gear: EB 230 V/50 Hz, dimmable DALI or wireless control with RibagAir (ZigBee® remote standard)*
– Lamp protection class: I
– Lamp protection level: IP 20
– Energy efficiency class A to A++, includes built-in LED lamps, lamps cannot be exchanged

LED

Anodised natural

Art. No.	Watt	Lumen	Kelvin	Dimmable
4085.700.27.0 DIG	15	1200	2700	DALI
4085.700.30.0 DIG	15	1250	3000	DALI
4085.700.40.0 DIG	15	1300	4000	DALI
4085.700.00.0 AIR	15	1300	2700 – 5700	RibagAir

Anodised black

Art. No.	Watt	Lumen	Kelvin	Dimmable
4085.700.27.2 DIG	15	1200	2700	DALI
4085.700.30.2 DIG	15	1250	3000	DALI
4085.700.40.2 DIG	15	1300	4000	DALI
4085.700.00.2 AIR	15	1300	2700 – 5700	RibagAir

White satin matt

Art. No.	Watt	Lumen	Kelvin	Dimmable
4085.700.27.3 DIG	15	1200	2700	DALI
4085.700.30.3 DIG	15	1250	3000	DALI
4085.700.40.3 DIG	15	1300	4000	DALI
4085.700.00.3 AIR	15	1300	2700 – 5700	RibagAir

* Tips on design planning and RibagAir control units, pages 38/39
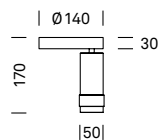
Mounted spotlight element
(without control gear*)

– Mounting: can be mounted on the ceiling or wall
– Lamp housing: brushed aluminium, anodised natural or black or white satin matt RAL 9003 painted
– Function: 360° rotation and 90° swivel action
– Optics: high-quality glass lens, fully adjustable focus from 20° to 60°
– LED: CRI 95, 2700 K, 3000 K, 4000 K or tunable white CRI 85, 2700 K to 5700 K (max. 30 % lumen reduction with a variable beam angle)
– Service life: 50,000 hrs with 70 % luminous flux
– Control gear: EB 230 V/50 Hz constant current 350 mA (order separately, see list of control gears)
– Lamp protection class: I
– Lamp protection level: IP 20
– Energy efficiency class A to A++, includes built-in LED lamps, lamps cannot be exchanged

LED

Anodised natural (without control gear)

Art. No.	Watt	Lumen	Kelvin	Dimmable
4085.750.27.0	15	1200	2700	
4085.750.30.0	15	1250	3000	
4085.750.40.0	15	1300	4000	
4085.750.00.0	15	1300	2700 – 5700	RibagAir

Anodised black (without control gear)

Art. No.	Watt	Lumen	Kelvin	Dimmable
4085.750.27.2	15	1200	2700	
4085.750.30.2	15	1250	3000	
4085.750.40.2	15	1300	4000	
4085.750.00.2	15	1300	2700 – 5700	RibagAir

White satin matt (without control gear)

Art. No.	Watt	Lumen	Kelvin	Dimmable
4085.750.27.3	15	1200	2700	
4085.750.30.3	15	1250	3000	
4085.750.40.3	15	1300	4000	
4085.750.00.3	15	1300	2700 – 5700	RibagAir

Control gears for the VERTICO mounted spotlight element

– Control gear 230 V/50–60 Hz, 350 mA
– with short circuit and overload protected
– max. 1 lamp per device

Art. No.	Watt	Size mm	Dimmable
915.019.350	19	No	120 / 52 / 22
915.035.350 DIG	15	DALI[1]	103 / 67 / 21
915.025.350 DIG	25	TouchDIM	130 / 35 / 20
915.015.500 AIR	15	RibagAir 1 – 10 V DALI	130 / 35 / 20

* Tips on design planning and RibagAir control units, pages 38/39

Distance (m)	
1.0	0.4 – 1.1
2.0	0.7 – 2.1
3.0	1.1 – 3.1
4.0	1.4 – 4.2
5.0	1.8 – 5.2
Taper diameter (m)	

Ø 140
30
170
|50|

Distance (m)	
1.0	0.4 – 1.1
2.0	0.7 – 2.1
3.0	1.1 – 3.1
4.0	1.4 – 4.2
5.0	1.8 – 5.2
Taper diameter (m)	

Ø 90
3
143
|50|
Ø 68 – 75 mm
1 – 25 mm

VERTICO
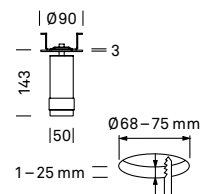
Recessed spotlight, 2-flame
for the METRON system

Track mounted spotlight

– Mounting: can be mounted on the wall or ceiling, with patented plug connection, for easy-to-mount lamps
– Feed-through wiring: 5 x 1.5 mm², for series mounting
– Compatible with the METRON system
– Lamp housing: brushed aluminium, anodised natural or black or white satin matt RAL 9003, painted
– Function: 360° rotation and 90° swivel action
– Optics: high-quality glass lens, fully adjustable focus from 20° to 60°
– LED: CRI 95, 2700 K, 3000 K, 4000 K or tunable white CRI 85, 2700 K to 5700 K (max. 30 % lumen reduction with a variable beam angle)
– Service life: 50,000 hrs with 70 % luminous flux
– Control gear: EB 230 V/50 Hz, dimmable DALI or wireless control with RibagAir (ZigBee® remote standard)*
– Lamp protection class: I
– Lamp protection level: IP 20
– Energy efficiency class A to A++, includes built-in LED lamps, lamps cannot be exchanged

– Mounting: can be mounted on 3-phase track spotlight, integrated multi-3-phase adapter Eutrac model, not suitable for mounting on the wall
– Lamp housing: brushed aluminium, anodised natural or black or white satin matt RAL 9003, painted
– Function: 360° rotation and 180° swivel action
– Optics: high-quality glass lens, fully adjustable focus from 20° to 60°
– LED: CRI 95, 2700 K, 3000 K, 4000 K or tunable white CRI 85, 2700 K to 5700 K (max. 30 % lumen reduction with a variable beam angle)
– Service life: 50,000 hrs with 70 % luminous flux
– Control gear: EB 230 V/50 Hz, static or wireless control with RibagAir (ZigBee® remote standard)*
– Lamp protection class: I
– Lamp protection level: IP 20
– Energy efficiency class A to A++, includes built-in LED lamps, lamps cannot be exchanged

Anodised natural

Art. No.	Watt	Lumen	Kelvin	Dimmable
4085.722.27.0 DIG	2 × 15	2400	2700	DALI
4085.722.30.0 DIG	2 × 15	2500	3000	DALI
4085.722.40.0 DIG	2 × 15	2600	4000	DALI
4085.722.00.0 AIR	2 × 15	2600	2700 – 5700	RibagAir

Anodised black

Art. No.	Watt	Lumen	Kelvin	Dimmable
4085.722.27.2 DIG	2 × 15	2400	2700	DALI
4085.722.30.2 DIG	2 × 15	2500	3000	DALI
4085.722.40.2 DIG	2 × 15	2600	4000	DALI
4085.722.00.2 AIR	2 × 15	2600	2700 – 5700	RibagAir

White satin matt

Art. No.	Watt	Lumen	Kelvin	Dimmable
4085.722.27.3 DIG	2 × 15	2400	2700	DALI
4085.722.30.3 DIG	2 × 15	2500	3000	DALI
4085.722.40.3 DIG	2 × 15	2600	4000	DALI
4085.722.00.3 AIR	2 × 15	2600	2700 – 5700	RibagAir

* Tips on design planning and RibagAir control units, pages 38/39

Anodised natural

Art. No.	Watt	Lumen	Kelvin	Dimmable
4085.731.27.0	15	1200	2700	No
4085.731.30.0	15	1250	3000	No
4085.731.40.0	15	1300	4000	No
4085.731.00.0 AIR	15	1300	2700 – 5700	RibagAir

Anodised black

Art. No.	Watt	Lumen	Kelvin	Dimmable
4085.731.27.2	15	1200	2700	No
4085.731.30.2	15	1250	3000	No
4085.731.40.2	15	1300	4000	No
4085.731.00.2 AIR	15	1300	2700 – 5700	RibagAir

White satin matt

Art. No.	Watt	Lumen	Kelvin	Dimmable
4085.731.27.3	15	1200	2700	No
4085.731.30.3	15	1250	3000	No
4085.731.40.3	15	1300	4000	No
4085.731.00.3 AIR	15	1300	2700 – 5700	RibagAir

Dimmable DALI on request
* Tips on design planning and RibagAir control units, pages 38/39
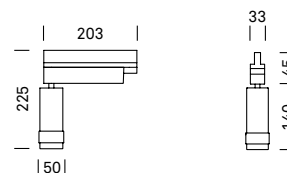
* Length without end plates

Distance (m)	
1.0	0.4 – 1.1
2.0	0.7 – 2.1
3.0	1.1 – 3.1
4.0	1.4 – 4.2
5.0	1.8 – 5.2
Taper diameter (m)	

Distance (m)	
1.0	0.4 – 1.1
2.0	0.7 – 2.1
3.0	1.1 – 3.1
4.0	1.4 – 4.2
5.0	1.8 – 5.2
Taper diameter (m)	

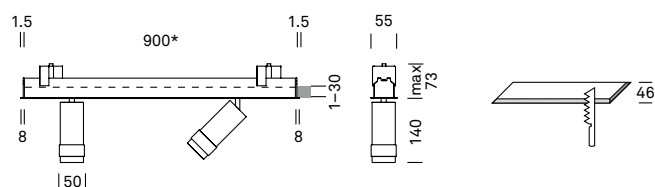# VERTICO

Recessed spotlight, 2-flame
for the METRON system

- Mounting: for mounting in cavity ceilings, with patented plug connection, for easy-to-mount lights
- Feed-through wiring: 5 x 1.5 mm², for series mounting
- Compatible with the METRON system
- Lamp housing: brushed aluminium, white satin matt RAL 9003, painted
- Function: 360° rotation and 90° swivel action
- Optics: high-quality glass lens, fully adjustable focus from 20° to 60°
- LED: CRI 95, 2700 K, 3000 K, 4000 K or tunable white CRI 85, 2700 K to 5700 K (max. 30 % lumen reduction with a variable beam angle)
- Service life: 50,000 hrs with 70 % luminous flux
- Control gear: EB 230 V/50 Hz, dimmable DALI or wireless control with RibagAir (ZigBee® remote standard)*
- Lamp protection class: I
- Lamp protection level: IP 20
- Energy efficiency class A to A++, includes built-in LED lamps, lamps cannot be exchanged

LED

White satin matt

Art. No.	Watt	Lumen	Kelvin	Dimmable
4085.712.27.3 DIG	2 × 15	2400	2700	DALI
4085.712.30.3 DIG	2 × 15	2500	3000	DALI
4085.712.40.3 DIG	2 × 15	2600	4000	DALI
4085.712.00.3 AIR	2 × 15	2600	2700 – 5700	RibagAir

1.5 900* 1.5 55 46
8 1–30 max 73
8 140
50

* Length without end plates

Distance (m)	
1.0	0.4–1.1
2.0	0.7–2.1
3.0	1.1–3.1
4.0	1.4–4.2
5.0	1.8–5.2
Taper diameter (m)	

ARVA

Pendant lamps
with acrylic glass diffuser fine matt finish

- Mounting: for mounting on the ceiling, black cable diam. 7 mm with steel cord, length 2500 mm
- Lamp housing: diecast aluminium metallic grey RAL 9006 or white satin matt RAL 9003, painted
- Optics: acrylic glass diffuser fine matt finish
- LED: CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 50,000 h with 70 % luminous flux
- Control gear: EB 230 V/50 Hz
- Lamp protection class: I
- Lamp protection level: IP 40
- Energy efficiency class A to A++, includes built-in LED lamps, lamps cannot be exchanged

LED

- Mounting: for mounting on the ceiling, black cable diam. 7 mm with steel cord, length 2500 mm
- Lamp housing: diecast aluminium RAL 9005, painted
- Optics: acrylic glass diffuser fine matt finish
- LED: CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 50,000 h with 70 % luminous flux
- Control gear: EB 230 V/50 Hz
- Lamp protection class: I
- Lamp protection level: IP 40
- Energy efficiency class A to A++, includes built-in LED lamps, lamps cannot be exchanged

LED

Metallic grey

| Art. No.	Watt	Lumen	Kelvin	Ø
4110.250.27.8	27	2000	2700	270
4110.250.30.8	27	1940	3000	270
4110.250.40.8	27	2260	4000	270
4110.420.27.8	49	4000	2700	440
4110.420.30.8	49	3870	3000	440
4110.420.40.8	49	4510	4000	440

Metallic grey, dimmable DALI

Art. No.	Watt	Lumen	Kelvin	Ø
4110.250.27.8 DIG	27	2000	2700	270
4110.250.30.8 DIG	27	1940	3000	270
4110.250.40.8 DIG	27	2260	4000	270
4110.420.27.8 DIG	49	4000	2700	440
4110.420.30.8 DIG	49	3870	3000	440
4110.420.40.8 DIG	49	4510	4000	440

White satin matt

Art. No.	Watt	Lumen	Kelvin	Ø
4110.250.27.3	27	2000	2700	270
4110.250.30.3	27	1940	3000	270
4110.250.40.3	27	2260	4000	270
4110.420.27.3	49	4000	2700	440
4110.420.30.3	49	3870	3000	440
4110.420.40.3	49	4510	4000	440

White satin matt, dimmable DALI

Art. No.	Watt	Lumen	Kelvin	Ø
4110.250.27.3 DIG	27	2000	2700	270
4110.250.30.3 DIG	27	1940	3000	270
4110.250.40.3 DIG	27	2260	4000	270
4110.420.27.3 DIG	49	4000	2700	440
4110.420.30.3 DIG	49	3870	3000	440
4110.420.40.3 DIG	49	4510	4000	440

Black satin matt

Art. No.	Watt	Lumen	Kelvin	Ø
4110.250.27.2	27	2000	2700	270
4110.250.30.2	27	1940	3000	270
4110.250.40.2	27	2260	4000	270
4110.420.27.2	49	4000	2700	440
4110.420.30.2	49	3870	3000	440
4110.420.40.2	49	4510	4000	440

Black satin matt, dimmable DALI

Art. No.	Watt	Lumen	Kelvin	Ø
4110.250.27.2 DIG	27	2000	2700	270
4110.250.30.2 DIG	27	1940	3000	270
4110.250.40.2 DIG	27	2260	4000	270
4110.420.27.2 DIG	49	4000	2700	440
4110.420.30.2 DIG	49	3870	3000	440
4110.420.40.2 DIG	49	4510	4000	440
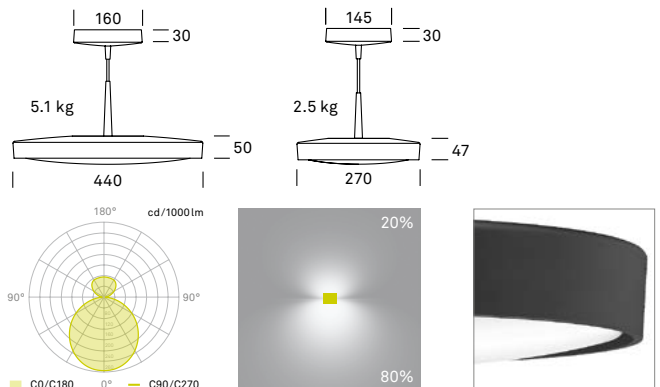
ARVA

Pendant lamps
with acrylic glass diffuser fine matt finish

– Mounting: for mounting on the ceiling, black cable diam. 5 mm,
  length 2500 mm
– Lamp housing: diecast aluminium metallic grey RAL 9006,
  white satin matt RAL 9003, black satin matt RAL 9005 painted or
  polished chrome-plated
– Optics: acrylic glass diffuser fine matt finish
– LED: CRI 85, 2700 K, 3000 K or 4000 K, integrated
– Service life: 50,000 h with 70 % luminous flux
– Control gear: EB 230 V/50 Hz, constant current 500 mA
  (order the canopy with control gear or mounting rail separately)
– Lamp protection class: I
– Lamp protection level: IP 40
– Energy efficiency class A to A++, includes built-in
  LED lamps, lamps cannot be exchanged

LED

Metallic grey
Art. No.	Watt	Lumen	Kelvin	∅
4110.120.27.8	6	460	2700	140
4110.120.30.8	6	450	3000	140
4110.120.40.8	6	520	4000	140

White satin matt
Art. No.	Watt	Lumen	Kelvin	∅
4110.120.27.3	6	460	2700	140
4110.120.30.3	6	450	3000	140
4110.120.40.3	6	520	4000	140

Black satin matt
Art. No.	Watt	Lumen	Kelvin	∅
4110.120.27.2	6	460	2700	140
4110.120.30.2	6	450	3000	140
4110.120.40.2	6	520	4000	140

Polished chrome-plated
Art. No.	Watt	Lumen	Kelvin	∅
4110.120.27.1	6	460	2700	140
4110.120.30.1	6	450	3000	140
4110.120.40.1	6	520	4000	140

1.1 kg 43 140

cd/1000 lm
180°
90° 90°
C0/C180   0°   C90/C270
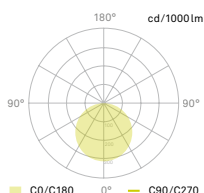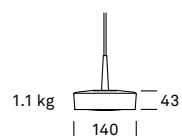
Canopy, mounting rail and cavity adapter for pendant lamps
with acrylic glass diffuser fine matt, Art. No. 4110. …

Canopy with control gear for pendant lamps
(acrylic glass diffuser)
– Mounting: for mounting on the ceiling
– Housing: aluminium, metallic grey RAL 9006,
  white satin matt RAL 9003, black satin matt RAL 9005 painted or
  polished chrome-plated
– Control gear: EB 230 V/50 Hz

Art. No.	Colour	Dimmable
4110.120.01.8	Grey	No
4110.120.01.3	White	No
4110.120.01.2	Black	No
4110.120.01.1	Chrome	No
4110.120.01.8 DIG	Grey	DALI
4110.120.01.3 DIG	White	DALI
4110.120.01.2 DIG	Black	DALI
4110.120.01.1 DIG	Chrome	DALI

115 31
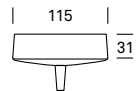
Mounting rails for 2 or 3 pendant lamps (acrylic glass diffuser)
– Mounting rail: extruded aluminium section
– Colours: anodised natural, black satin matt RAL 9005 or
  white satin matt RAL 9003 painted
– Feed-through wiring: 5 x 1.5 mm², for series mounting
– Compatible with the METRON system
– Connecting plate: order separately

Art. No.	Colour	Length mm	Dimmable
4110.080.02.0	Natural	800	No
4110.080.02.3	White	800	No
4110.080.02.2	Black	800	No
4110.150.03.0	Natural	1500	No
4110.150.03.3	White	1500	No
4110.150.03.2	Black	1500	No
4110.080.02.0 DIG	Natural	800	DALI
4110.080.02.3 DIG	White	800	DALI
4110.080.02.2 DIG	Black	800	DALI
4110.150.03.0 DIG	Natural	1500	DALI
4110.150.03.3 DIG	White	1500	DALI
4110.150.03.2 DIG	Black	1500	DALI
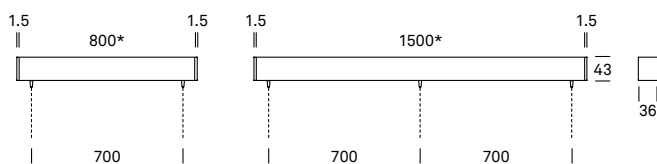
1.5 800* 1.5   1.5 1500* 1.5 43   36
700   700 700

* Length without end plates

Optional accessories for the Metron system see page 142
in RIBAG general catalogue.

Cavity adapter for pendant lamps ∅ 140
– Housing: steel, metallic grey RAL 9006, white satin matt
  RAL 9003 or black satin matt RAL 9005 painted
  (order control gear separately, refer to the control gears list)

Art. No.	Colour
4110.120.11.8	Grey
4110.120.11.3	White
4110.120.11.2	Black

90 40   ∅ 68 – 75 mm 1 – 25 mm
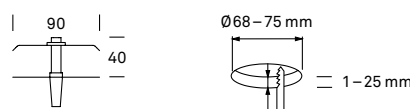
ARVA

Pendant lamps
with lens optics

– Mounting: for mounting on the ceiling, black cable diam. 5 mm
  with steel cord, length 2500 mm
– Lamp housing: diecast aluminium metallic grey RAL 9006,
  white satin matt RAL 9003, black satin matt RAL 9005 painted or
  polished chrome-plated
– Optics: high-quality glass lens technology with a beam angle of 60°
– LED: CRI 95, 2700 K, 3000 K, 4000 K or tunable white CRI 85,
  2700 K to 5700 K with RibagAir*
– Service life: 50,000 h with 70 % luminous flux
– Control gear: EB 230 V/50 Hz, constant current 350 mA
  (order the control gear with canopy or mounting rail separately)
– Lamp protection class: I
– Lamp protection level: IP 40
– Energy efficiency class A to A++, includes built-in
  LED lamps, lamps cannot be exchanged

LED

Metallic grey

Art. No.	Watt	Lumen	Kelvin	∅	Dimmable
4111.120.27.8	15	1200	2700	140	
4111.120.30.8	15	1250	3000	140	
4111.120.40.8	15	1300	4000	140	
4121.120.00.8	15	1300	2700–5700	140	RibagAir

White satin matt

Art. No.	Watt	Lumen	Kelvin	∅	Dimmable
4111.120.27.3	15	1200	2700	140	
4111.120.30.3	15	1250	3000	140	
4111.120.40.3	15	1300	4000	140	
4111.120.00.3	15	1300	2700–5700	140	RibagAir

Black satin matt

Art. No.	Watt	Lumen	Kelvin	∅	Dimmable
4111.120.27.2	15	1200	2700	140	
4111.120.30.2	15	1250	3000	140	
4111.120.40.2	15	1300	4000	140	
4111.120.00.2	15	1300	2700–5700	140	RibagAir

Polished chrome-plated

Art. No.	Watt	Lumen	Kelvin	∅	Dimmable
4111.120.27.1	15	1200	2700	140	
4111.120.30.1	15	1250	3000	140	
4111.120.40.1	15	1300	4000	140	
4111.120.00.1	15	1300	2700–5700	140	RibagAir

* Tips on design planning and RibagAir control units, pages 38/39
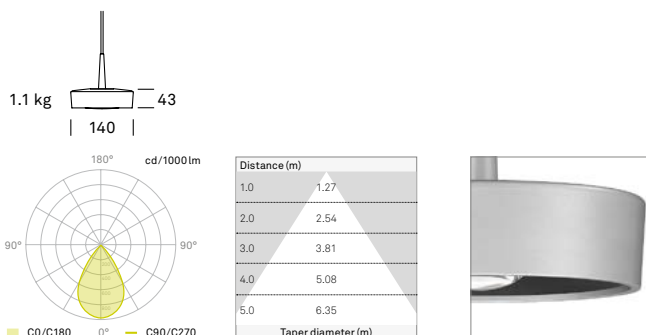
Canopy with control gear for pendant lamps
with lens optics, Art. No. 4111. …

– Mounting: for mounting on the ceiling
– Housing: aluminium, metallic grey RAL 9006,
  white satin matt RAL 9003, black satin matt RAL 9005 painted or
 polished chrome-plated
– Control gear: EB 230 V/50 Hz

Art. No.	Colour	dimmable
4111.120.01.8	Grey	No
4111.120.01.3	White	No
4111.120.01.2	Black	No
4111.120.01.1	Chrome	No
4111.120.01.8 DIG	Grey	DALI
4111.120.01.3 DIG	White	DALI
4111.120.01.2 DIG	Black	DALI
4111.120.01.1 DIG	Chrome	DALI
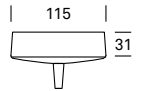
Mounting rails for 2 or 3 pendant lamps (lens optics)
– Mounting rail: extruded aluminium section
– Colours: anodised natural, black satin matt RAL 9005 and
  white satin matt RAL 9003 painted
– Feed-through wiring: 5 x 1.5 mm², for series mounting
– Compatible with the METRON system
– Connecting plate: order separately

| Art. No.	Colour	Length mm	Dimmable
4111.080.02.0	Natural	800	No
4111.080.02.3	White	800	No
4111.080.02.2	Black	800	No
4111.150.03.0	Natural	1500	No
4111.150.03.3	White	1500	No
4111.150.03.2	Black	1500	No
4111.080.02.0 DIG	Natural	800	DALI
4111.080.02.3 DIG	White	800	DALI
4111.080.02.2 DIG	Black	800	DALI
4111.150.03.0 DIG	Natural	1500	DALI
4111.150.03.3 DIG	White	1500	DALI
4111.150.03.2 DIG	Black	1500	DALI
4111.080.02.0 AIR	Natural	800	RibagAir
4111.080.02.3 AIR	White	800	RibagAir
4111.080.02.2 AIR	Black	800	RibagAir
4111.150.03.0 AIR	Natural	1500	RibagAir
4111.150.03.3 AIR	White	1500	RibagAir
4111.150.03.2 AIR	Black	1500	RibagAir
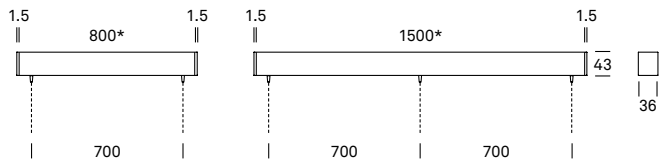
* Length without end lamps

Cavity adapter for pendant lamps ∅ 140
– Housing: steel, metallic grey RAL 9006, white satin matt
  RAL 9003 or black satin matt RAL 9005 painted
  (order control gear separately, refer to the control gears list)

Art. No.	Colour
4110.120.11.8	Grey
4110.120.11.3	White
4110.120.11.2	Black

1.1 kg

Distance (m)	
1.0	1.27
2.0	2.54
3.0	3.81
4.0	5.08
5.0	6.35
	Taper diameter (m)
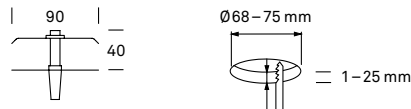
ARVA

Mounted lamps
with acrylic glass diffuser fine matt finish

- Mounting: can be mounted on the ceiling or wall
- Lamp housing: diecast aluminium metallic grey RAL 9006, or white satin matt RAL 9003, transformer housing black satin matt RAL 9005 painted
- Optics: acrylic glass diffuser fine matt finish
- LED: CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 50,000 h with 70 % luminous flux
- Control gear: EB 230 V/50 Hz
- Lamp protection class: I
- Lamp protection level: IP 43
- Energy efficiency class A to A++, includes built-in LED lamps, lamps cannot be exchanged

- Mounting: can be mounted on the ceiling or wall
- Lamp housing: diecast aluminium black satin matt RAL 9005, transformer housing black satin matt RAL 9005 painted
- Optics: acrylic glass diffuser fine matt finish
- LED: CRI 85, 2700 K, 3000 K or 4000 K, integrated
- Service life: 50,000 h with 70 % luminous flux
- Control gear: EB 230 V/50 Hz
- Lamp protection class: I
- Lamp protection level: IP 43
- Energy efficiency class A to A++, includes built-in LED lamps, lamps cannot be exchanged

Metallic grey

Art. No.	Watt	Lumen	Kelvin	⌀
4100.250.27.8	20	1570	2700	270
4100.250.30.8	20	1510	3000	270
4100.250.40.8	20	1770	4000	270
4100.420.27.8	35	3150	2700	440
4100.420.30.8	35	3050	3000	440
4100.420.40.8	35	3550	4000	440

Metallic grey, dimmable DALI

Art. No.	Watt	Lumen	Kelvin	⌀
4100.250.27.8 DIG	20	1570	2700	270
4100.250.30.8 DIG	20	1510	3000	270
4100.250.40.8 DIG	20	1770	4000	270
4100.420.27.8 DIG	35	3150	2700	440
4100.420.30.8 DIG	35	3050	3000	440
4100.420.40.8 DIG	35	3550	4000	440

White satin matt

Art. No.	Watt	Lumen	Kelvin	⌀
4100.250.27.3	20	1570	2700	270
4100.250.30.3	20	1510	3000	270
4100.250.40.3	20	1770	4000	270
4100.420.27.3	35	3150	2700	440
4100.420.30.3	35	3050	3000	440
4100.420.40.3	35	3550	4000	440

White satin matt, dimmable DALI

Art. No.	Watt	Lumen	Kelvin	⌀
4100.250.27.3 DIG	20	1570	2700	270
4100.250.30.3 DIG	20	1510	3000	270
4100.250.40.3 DIG	20	1770	4000	270
4100.420.27.3 DIG	35	3150	2700	440
4100.420.30.3 DIG	35	3050	3000	440
4100.420.40.3 DIG	35	3550	4000	440

Black satin matt

Art. No.	Watt	Lumen	Kelvin	⌀
4100.250.27.2	20	1570	2700	270
4100.250.30.2	20	1510	3000	270
4100.250.40.2	20	1770	4000	270
4100.420.27.2	35	3150	2700	440
4100.420.30.2	35	3050	3000	440
4100.420.40.2	35	3550	4000	440

Black satin matt, dimmable DALI

Art. No.	Watt	Lumen	Kelvin	⌀
4100.250.27.2 DIG	20	1570	2700	270
4100.250.30.2 DIG	20	1510	3000	270
4100.250.40.2 DIG	20	1770	4000	270
4100.420.27.2 DIG	35	3150	2700	440
4100.420.30.2 DIG	35	3050	3000	440
4100.420.40.2 DIG	35	3550	4000	440

4.7 kg — 50 — 440

1.9 kg — 47 — 270

180° cd/1000 lm
90° 90°
C0/C180 0° C90/C270

4.7 kg — 50 — 440

1.9 kg — 47 — 270

180° cd/1000 lm
90° 90°
C0/C180 0° C90/C270
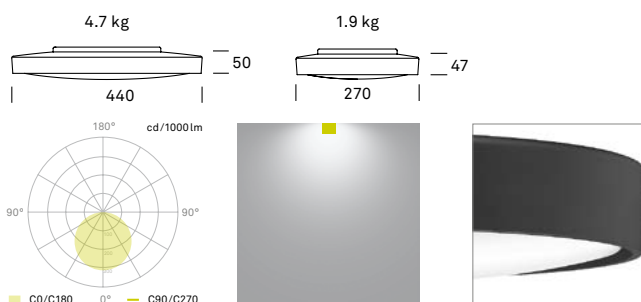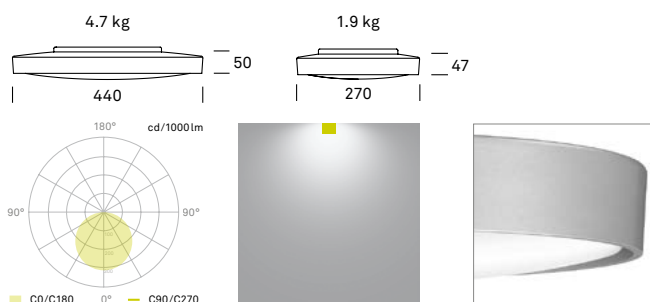
ARVA

Add-on elements
with acrylic glass diffuser fine matt finish

– Mounting: can be mounted on the ceiling or wall
– Lamp housing: diecast aluminium metallic grey RAL 9006,
  white satin matt RAL 9003, black satin matt RAL 9005 painted or
  polished chrome-plated
– Optics: acrylic glass diffuser fine matt finish
– LED: CRI 85, 2700 K, 3000 K or 4000 K, integrated
– Service life: 50,000 h with 70 % luminous flux
– Control gear: EB 230 V/50 Hz, constant current 500 mA
  (order separately, see list of control gears)
– Lamp protection class: I
– Lamp protection level: IP 54
– Energy efficiency class A to A++, includes built-in
  LED lamps, lamps cannot be exchanged

LED

Metallic grey

Art. No.	Watt	Lumen	Kelvin	Ø
4120.120.27.8	6	460	2700	140
4120.120.30.8	6	450	3000	140
4120.120.40.8	6	520	4000	140

White satin matt

Art. No.	Watt	Lumen	Kelvin	Ø
4120.120.27.3	6	460	2700	140
4120.120.30.3	6	450	3000	140
4120.120.40.3	6	520	4000	140

Black satin matt

Art. No.	Watt	Lumen	Kelvin	Ø
4120.120.27.2	6	460	2700	140
4120.120.30.2	6	450	3000	140
4120.120.40.2	6	520	4000	140

Polished chrome-plated

Art. No.	Watt	Lumen	Kelvin	Ø
4120.120.27.1	6	460	2700	140
4120.120.30.1	6	450	3000	140
4120.120.40.1	6	520	4000	140

0.8 kg   43
| 140 |

C0/C180   0°   C90/C270
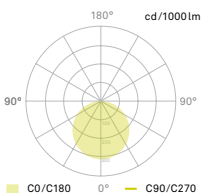
Control gears and accessories for the mounting elements
with acrylic glass diffuser fine matt finish, Art. No. 4120. …

Control gears
– Control gears 230 V/50 – 60 Hz, 500 mA
– with short circuit and overload protection

Art. No.	Watt	Dimmable	Size
915.010.500	10	No	Ø 55 / 25
915.012.500	12	No	115 / 34 / 19
915.024.500	24	No	103 / 67 / 21
915.035.500	34	No	210 / 35 / 25
915.035.500 DIG	35	TouchDIM 1–10 V DALI	125 / 79 / 22

Distributor terminal
– for connecting 26 lights to 1 control gear
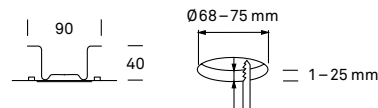– size 64 × 26 × 15 mm

Art. No.
919.006.0

Cavity adapter for ARVA add-on element
– suitable for mounting in suspended ceilings and installation housing
  (order control gear separately, refer to the control gears list)

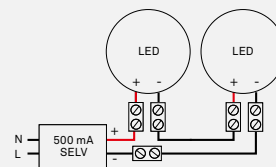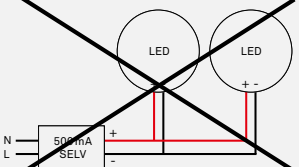| Art. No. |
|---|
| 4110.120.21.9 |

90   Ø 68 – 75 mm
40   1 – 25 mm

PLANNING GUIDE

Maximum number of lamps per control gear

Art. No.	
915.010.500	1 – 2
915.012.500	1 – 2
915.024.500	1 – 5
915.035.500	1 – 7
915.035.500 DIG	1 – 7

Can be switched serial   Never switch parallel

In order to dim the DALI lights safely outside of a DALI lighting system,
we recommend controlling the lights using a DALI dimmer (e. g. Feller,
Osram, Jung, Gira), which is available from an electrical retailer.

For information on the lumen and wattage refer to the lighting meas-
urement. The lighting technical data (LTD) is available as a download
on our website.

There may be very narrow colour tolerances with LEDs. However,
these are reduced to a minimum (<3 MacAdam).

ARVA

Add-on elements
with lens optics

– Mounting: for mounting on the ceiling
– Lamp housing: diecast aluminium metallic grey RAL 9006,
  white satin matt RAL 9003, black satin matt RAL 9005 painted or
  polished chrome-plated
– Optics: high-quality glass lens technology with a beam angle of 60°
– LED: CRI 95, 2700 K, 3000 K and 4000 K, or tunable white
  2700 K to 5700 K (CRI 85) with RibagAir*
– Service life: 50,000 h with 70 % luminous flux
– Control gear: EB 230 V/50 Hz, constant current 350 mA
  (order separately, see list of control gears)
– Lamp protection class: I
– Lamp protection level: IP 43
– Energy efficiency class A to A++, includes built-in
  LED lamps, lamps cannot be exchanged

LED

Metallic grey

Art. No.	Watt	Lumen	Kelvin	Ø	Dimmable
4121.120.27.8	15	1200	2700	140	
4121.120.30.8	15	1250	3000	140	
4121.120.40.8	15	1300	4000	140	
4121.120.00.8	15	1300	2700 – 5700	140	RibagAir

White satin matt

Art. No.	Watt	Lumen	Kelvin	Ø	Dimmable
4121.120.27.3	15	1200	2700	140	
4121.120.30.3	15	1250	3000	140	
4121.120.40.3	15	1300	4000	140	
4121.120.00.3	15	1300	2700 – 5700	140	RibagAir

Black satin matt

Art. No.	Watt	Lumen	Kelvin	Ø	Dimmable
4121.120.27.2	15	1200	2700	140	
4121.120.30.2	15	1250	3000	140	
4121.120.40.2	15	1300	4000	140	
4121.120.00.2	15	1300	2700 – 5700	140	RibagAir

Polished chrome-plated

Art. No.	Watt	Lumen	Kelvin	Ø	Dimmable
4121.120.27.1	15	1200	2700	140	
4121.120.30.1	15	1250	3000	140	
4121.120.40.1	15	1300	4000	140	
4121.120.00.1	15	1300	2700 – 5700	140	RibagAir

1 kg   43
| 140 |

Distance (m)	
1.0	1.27
2.0	2.54
3.0	3.81
4.0	5.08
5.0	6.35
Taper diameter (m)	

cd/1000 lm

C0/C180   0°   C90/C270

Control gears and accessories for the mounting elements
with lens optics, Art. No. 4121. ...

Control gears

– Control gears 230 V/50 – 60 Hz, 350 mA
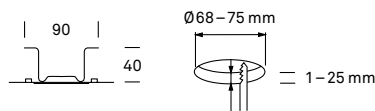– with short circuit and overload protection
– max. 1 lamp per device

Art. No.	Watt	Dimmable	Size
915.019.350	19	No	120 / 52 / 22
915.035.350 DIG	15	DALI	103 / 67 / 21
915.025.350 DIG	25	TouchDIM 1 – 10 V DALI	125 / 79 / 22
915.015.500 AIR	15	RibagAir*	130 / 35 / 20

* Tips on design planning and RibagAir control units, pages 38/39

Cavity adapter for ARVA add-on element

– suitable for mounting in suspended ceilings and installation
  housing (order control gear separately, refer to the control gears
  list)

Art. No.
4110.120.21.9

90   40

Ø 68 – 75 mm   1 – 25 mm

MESH

Pendant lamps

– Mounting: for mounting on ceiling, 2 nickel plated steel
  suspension cables, length 2500 mm, height is freely adjustable,
  black cable 3 x 0.75 mm² (RibagAir), 5 x 0.75 mm² (DALI)
– Lamp housing: extruded aluminium metallic grey RAL 9006 or
  white satin matt RAL 9003 painted
– Optics: micro-lens technology with grid structure, anti-glare
  according to EN 12464-1 (coloured matrix on request)
– LED: CRI 85, 3000 K or 4000 K or tunable white 2700 K to 5700 K
– Service life: 50,000 hrs with 70 % luminous flux
– Control gear: EB 230 V/50 Hz, dimmable DALI or wireless control
  with RibagAir (ZigBee® remote standard)*
– Lamp protection class: I
– Lamp protection level: IP 20
– Energy efficiency class A to A++, includes built-in
  LED lamps, lamps cannot be exchanged

LED

Metallic grey, dimmable DALI

Art. No.	Watt	Lumen	Kelvin	Length
4090.120.30.8 DIG	27	3600	3000	1213
4090.120.40.8 DIG	27	3600	4000	1213
4090.150.30.8 DIG	33	4550	3000	1510
4090.150.40.8 DIG	33	4550	4000	1510
4090.180.30.8 DIG	40	5450	3000	1808
4090.180.40.8 DIG	40	5450	4000	1808

Metallic grey, wireless dimmable RibagAir

Art. No.	Watt	Lumen	Kelvin	Length
4090.120.00.8 AIR	27	3600	2700 – 5700	1213
4090.150.00.8 AIR	33	4550	2700 – 5700	1510
4090.180.00.8 AIR	40	5450	2700 – 5700	1808

White satin matt, dimmable DALI

Art. No.	Watt	Lumen	Kelvin	Length
4090.120.30.3 DIG	27	3600	3000	1213
4090.120.40.3 DIG	27	3600	4000	1213
4090.150.30.3 DIG	33	4550	3000	1510
4090.150.40.3 DIG	33	4550	4000	1510
4090.180.30.3 DIG	40	5450	3000	1808
4090.180.40.3 DIG	40	5450	4000	1808

White satin matt, wireless dimmable RibagAir

Art. No.	Watt	Lumen	Kelvin	Length
4090.120.00.3 AIR	27	3600	2700 – 5700	1213
4090.150.00.3 AIR	33	4550	2700 – 5700	1510
4090.180.00.3 AIR	40	5450	2700 – 5700	1808

* Tips on design planning and RibagAir control units, pages 38/39

Canopy for pendant lamps

– Ø 120 mm
– Suitable for vertical and horizontal cable feeds

Art. No.	Colour
212.500.0	Metallic grey
212.500.3	White

25
120

C0/C180   C90/C270

25%

75%

Length: 1213/1510/1808
Weigth: 3.4 kg/4.1 kg/4.8 kg
40
106
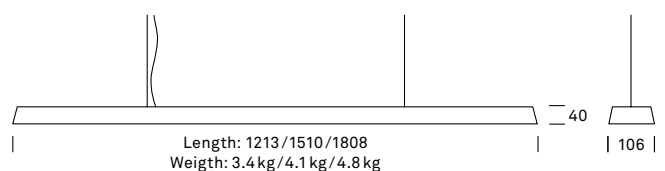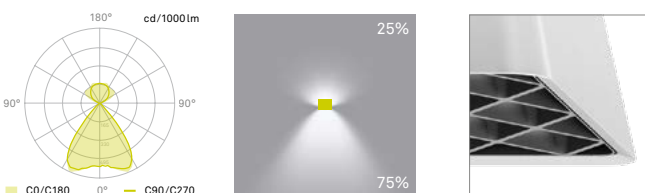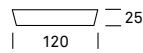
MESH

Mounted lamps

- Mounting: for mounting on ceiling
- Lamp housing: extruded aluminium metallic grey RAL 9006 or white satin matt RAL 9003, painted
- Optics: micro-lens technology with grid structure, anti-glare according to EN 12464-1 (coloured matrix on request)
- LED: CRI 85, 3000 K or 4000 K or tunable white 2700 K to 5700 K
- Service life: 50,000 hrs with 70 % luminous flux
- Control gear: EB 230 V/50 Hz, dimmable DALI or wireless with RibagAir (ZigBee® remote standard)*
- Lamp protection class: I
- Lamp protection level: IP 20
- Energy efficiency class A to A++, includes built-in LED lamps, lamps cannot be exchanged

LED

Metallic grey, dimmable DALI

Art. No.	Watt	Lumen	Kelvin	Length
4091.060.30.8 DIG	11	1400	3000	618
4091.060.40.8 DIG	11	1400	4000	618
4091.090.30.8 DIG	16	2100	3000	916
4091.090.40.8 DIG	16	2100	4000	916
4091.120.30.8 DIG	21	2800	3000	1213
4091.120.40.8 DIG	21	2800	4000	1213
4091.150.30.8 DIG	27	3500	3000	1510
4091.150.40.8 DIG	27	3500	4000	1510

Metallic grey, wireless dimmable RibagAir

Art. No.	Watt	Lumen	Kelvin	Length
4091.060.00.8 AIR	11	1400	2700 – 5700	618
4091.090.00.8 AIR	16	2100	2700 – 5700	916
4091.120.00.8 AIR	21	2800	2700 – 5700	1213
4091.150.00.8 AIR	27	3500	2700 – 5700	1510

White satin matt, dimmable DALI

Art. No.	Watt	Lumen	Kelvin	Length
4091.060.30.3 DIG	11	1400	3000	618
4091.060.40.3 DIG	11	1400	4000	618
4091.090.30.3 DIG	16	2100	3000	916
4091.090.40.3 DIG	16	2100	4000	916
4091.120.30.3 DIG	21	2800	3000	1213
4091.120.40.3 DIG	21	2800	4000	1213
4091.150.30.3 DIG	27	3500	3000	1510
4091.150.40.3 DIG	27	3500	4000	1510

White satin matt, wireless dimmable RibagAir

Art. No.	Watt	Lumen	Kelvin	Length
4091.060.00.3 AIR	11	1400	2700 – 5700	618
4091.090.00.3 AIR	16	2100	2700 – 5700	916
4091.120.00.3 AIR	21	2800	2700 – 5700	1213
4091.150.00.3 AIR	27	3500	2700 – 5700	1510

* Tips on design planning and RibagAir control units, pages 38/39

cd/1000 lm
180°
90° — 90°
C0/C180   0°   — C90/C270

45
Length: 618/916/1213/1510
Weigth: 1.8 kg/2.5 kg/3.8 kg/3.8 kg
106

37
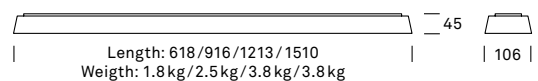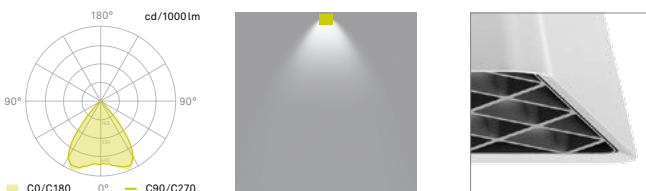
RibagAir

RibagAir – The modular Smart Lighting System
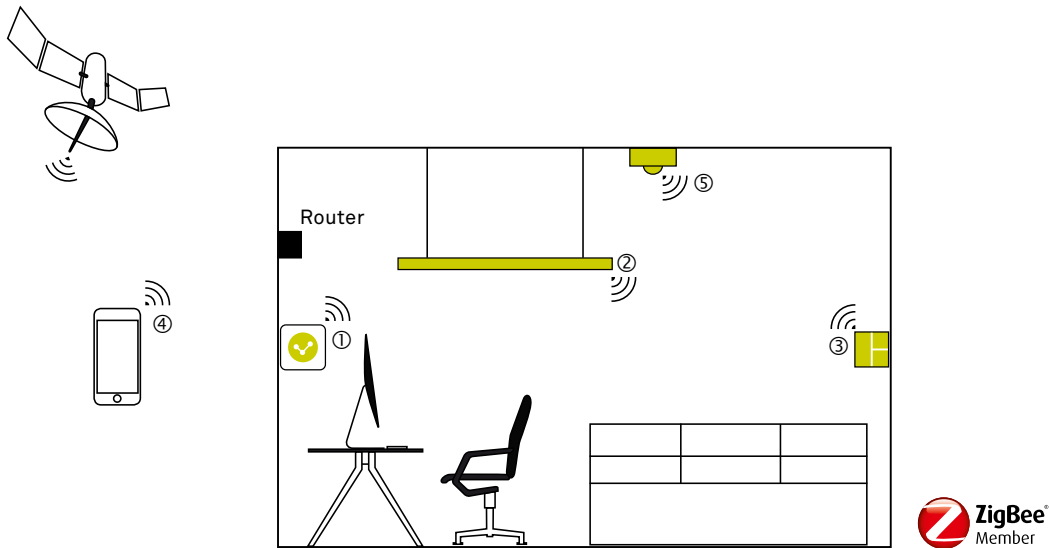
Central system nodes of the RibagAir Smart Lighting System are networked together with the ① **RibagAir-Gateway**, all the ② **RibagAir lamps** and ③ **ZigBee® wireless button** and connected with the outside world via the Internet. Without any control wiring.

The system can be individually configured and controlled via ④ **smartphone, tablet or webapp**.

RibagAir can be supplemented and extended with more home automation components based on the ZigBee® wireless standard, e. g. ⑤ **motion sensors or light sensors** etc. Thanks to the mesh-network style of wireless signal transmission, each lamp or system component acts like a signal repeater within the network.

Provided that a maximum distance between the devices of 20 m is respected, there is no limit to the range of the system (different building materials can affect the performance of the transmission).

RibagAir lamps can be incorporated and controlled in home automation systems (e.g. Ubisys, Wibutler, Homee, Qivicon) or other Smart Lighting Systems (e. g. Philips Hue, Osram Lightify Pro, Smart-things) that support the ZigBee® wireless standard. For a regularly updated overview of the system compatibility visit: www.ribag.com/ribagair.

* What is ZigBee®?
ZigBee® is the world's first wireless and open wireless standard for home automation. The interoperability of the technology standards already meets the requirements for the future Internet of things. RIBAG, along with several hundred international companies such as Philips, Samsung, Bosch, Siemens and Kaba, use the ZigBee® Alliance for a single wireless standard.
For more information visit: www.ZigBee.org

For more information and answers to the most important questions about RibagAir and ZigBee® visit www.ribag.com/ribagair/faq

INSTALLATION GUIDE

– The use of RibagAir lamps does not require any specific planning. The selection of ZigBee® wireless buttons is determined as usual according to the different functions of the room.
– When using battery-powered or self-powered ZigBee® buttons, you can enjoy the advantages of positioning them with a high degree of flexibility.
– The system is configured during the commissioning phase directly via an app or Webapp.
– The RibagAir Gateway can control an unlimited number of lights and ZigBee® components.
– A ZigBee® wireless button can usually control up to 20 RibagAir lamps.
– If RibagAir lamps are included in the home automation system (HA), the installation guide of the HA system provider applies.

Key features of the RibagAir lamps and operating units:
– Can be switched and dimmed using the ZigBee® wireless button and RibagAir apps from system partners (see compatibility overview)
– Adjustable colour temperatures (2700 K to 5700 K) and brightness (0 – 100 %) with high resolution.
– Synchronous reproduction of natural daylight (requires RibagAir Gateway).
– This ensures simultaneous control through light sensors.
– Lighting scenes, groups, timers etc. are configured by apps from system partners (depend on the respective app).

RibagAir

RibagAir compatible system components

RibagAir Gateway
incl. Ethernet cable (2 m) and power supply unit

– LAN-ZigBee® base unit for the wireless system setup of RibagAir lamps and other ZigBee® system components
– Mounting: for mounting on the wall or set up freestanding
– Features: convenient configuration via Web interface, network configuration, unlock/lock from mobile devices, firmware updates, support access to share
– Frequency: 2.4 GHz
– Max. network participants: unlimited
– Power supply unit: 100 to 240 V AC / 50 to 60 Hz, output voltage: 5 VDC, 1A, standby power consumption: max. 0.8 W
– Degree of protection: IP20
– Dimensions: 106 x 106 x 26 mm
– System compatibility: suitable for controlling all RibagAir lamps as well as third party Zigbee® certified components

Art. No.	Colour
900.000.100 AIR	Black/aluminium

ZigBee® wireless button (scene)
for the multi-functional control of RibagAir lamps

– Mounting: for mounting on the wall (screw/glue) or as a hand switch
– Features: on/off/dim/stores up to four lighting scenes, search and addition of max. 20 lamps
– Options: replaceable button mounts and frame from a well-known German switch manufacturer
– Frequency: 2.4 GHz
– Nominal voltage: DC 3 V
– Batteries: incl. 1x lithium CR 2450 N (service life 50,000 Clicks)
– Transmission power: max. 10 mW
– Degree of protection: IP20
– Dimensions: 80 x 80 x 13.5 mm

Art. No.	Colour	Voltage
900.000.110 AIR	White	3 V battery

ZigBee® switch/button concealed module
for the multi-functional control of RibagAir lamps

– Mounting: for mounting on the wall (concealed module) behind every conventional light switches or buttons (no KNX/EIB), connection of up to four individual switches/buttons
– Features: on/off/dim/stores scenes and groups
– Frequency: 2.4 GHz
– Nominal voltage: 230 V/50 Hz
– Degree of protection: IP20
– Dimensions: 47 x 43 x 12 mm
– System requirements: RibagAir Gateway

Art. No.
900.000.111 AIR

ZigBee® sensor
for detecting movement and light

– Mounting: for mounting on the wall or set up freestanding
– Features: motion detector (PIR, 6 m distance, 45° range), light sensor
– Frequency: 2.4 GHz
– Nominal voltage: DC < 2.5 V
– Battery mode: incl. 1x lithium CR 123 (service life 3 years with signal)
– Transmission power: max. 10 mW
– Degree of protection: IP30
– Dimensions: 82 x 82 x 28 mm
– System compatibility: ZigBee® Home Automation Systems

Art. No.	Colour	Voltage
900.000.120 AIR	White	3 V

App for RibagAir

App features in combination with RibagAir Gateway:
– Automatic transfer of lighting professionals
– Grouping of lights
– Control at building level
– Control at room level
– Control of individual lights
– Lighting scenes can be defined
– Timer-controlled control
– Automatic sequences can be programmed
– Precise control of the brightness and colour temperature
– Can be extended as a Home Automation System

Detailed application features and compatibility with third party systems listed on www.ribag.com/ribagair.

ribag.com