SIDELITE®

CEILING, WALL, PENDANT AND FREE-STANDING LUMINAIRES

SIDELITE®

Ceiling, wall, pendant and free-standing luminaires

STATE OF THE LIGHT

It's often been said that design is the visualization of product quality – an adage that is clearly borne out by a merely cursory glance at our SIDELITE luminaire. And although we currently haven't got a clue concerning this luminaire's advanced LED light input or its exceptional anti-glare properties, we are already witnesses to path-breaking technology and craftsmanship.

The RZB SIDELITE® technology is the main reason for the exceptionally powerful and homogeneous light distribution of this RZB series: the low profile luminaires get their light from lateral LEDs and obtain an extraordinary distribution of luminance. The diffusers are clad in deliberately elegant profiles made of anodised aluminium and make them not only look graceful and pleasant, but also superior and trendy. The minimalist design is being kept by integrated converters. The PMMA diffusers are available in different square and reetangular sizes, either opal or micro-prismatic/opal making them suitable for computer workstations in accordance with EN 12464-1. Enormaus energy saving can be achieved with the light fixtures ofthe series SIDELITE compared to light fixtures with conventional technology - especially when using them in combination with the RZB light management system light control[+3].

ADDITIONAL ADVANTAGES

⊕ Made in Germany

⊕ Extremely cost efficient luminaires with advanced LED technology, available as ceiling, wall, suspended or free-standing lighting solutions for interiors

⊕ Ideal for office areas (UGR ≤ 19) and computer workstations in accordance with
DIN EN 12464-1

⊕ Lightguide and diffuser with fine microstructure made of non-yellowing PMMA

⊕ RZB SIDELITE® technology: lateral light injection for extremely homogeneous
light distribution

⊕ Extremely shallow installation depth

⊕ Easy plug-in installation

⊕ Tunable white versions dynamically adjustable from 2700 K to 6500 K

⊕ Versions with smart+free Bluetooth control for wireless network and operation using
Android / iOS devices, free app available for download

⊕ SIDELITE® ROUND / FERRO MURANO: Design of the distinctive surface luminaire with
an opal/prismatic plastic diffuser or with handmade FerroMurano glass diffuser in
3 colour variants

Tunable White:HCL | smart+ free | DALI | Light Control | UGR ≤ 19 | Touch DIM Sensor | Touch DIM | | PLUG&PLAY

SIDELITE®

HCL (Human Centric Lighting)

Tunable White:HCL | smart+free | DALI | Light Control³

FEEL BETTER, BE MORE EFFICIENT

During evolution humans have developed a complex system of internal timers, the so-called circadian system by the perception of light and dark, cold and warm, as well as by the change of seasons, with daylight being the natural timer for this rhythm.

Only a few years ago scientists discovered in the eye's retina those cells which are not required for seeing, but are setting our internal timer by suppressing or distributing the hormone melatonin. Now chronobiologists, lighting designers and architects have the chance to decisively improve our living conditions by using dynamic light.

Biologically effective light in "tunable white" versions aims to support the hormone control process by simulating the light colour and intensity of the natural course of daylight.

Changing light moods in the dynamic rhythm of daylight can have an extremely positive influence on wellbeing.

Light management systems such as RZB light control[+3] with the appropriate sensor technology can automatically regulate these processes. Versions with the RZB smart+free component allow personal access to light scenarios controlled by an app.

HEALTH
HCL strengthening the biological rhythm of human beings and fostering well-being and good health.

VITALITY
HCL creating a stimulating light to increase vitality and quality of life.

ACTIVITY
HCL increasing in educational institutions and workplaces the performance and ability of focusing.

WELL-BEING
HCL avoiding sleep disorder, stabilising patients in hospitals and nursing homes.
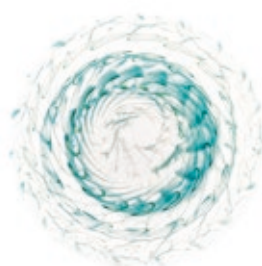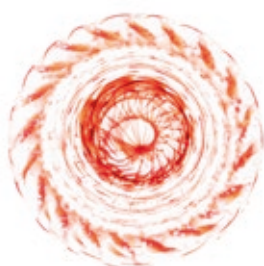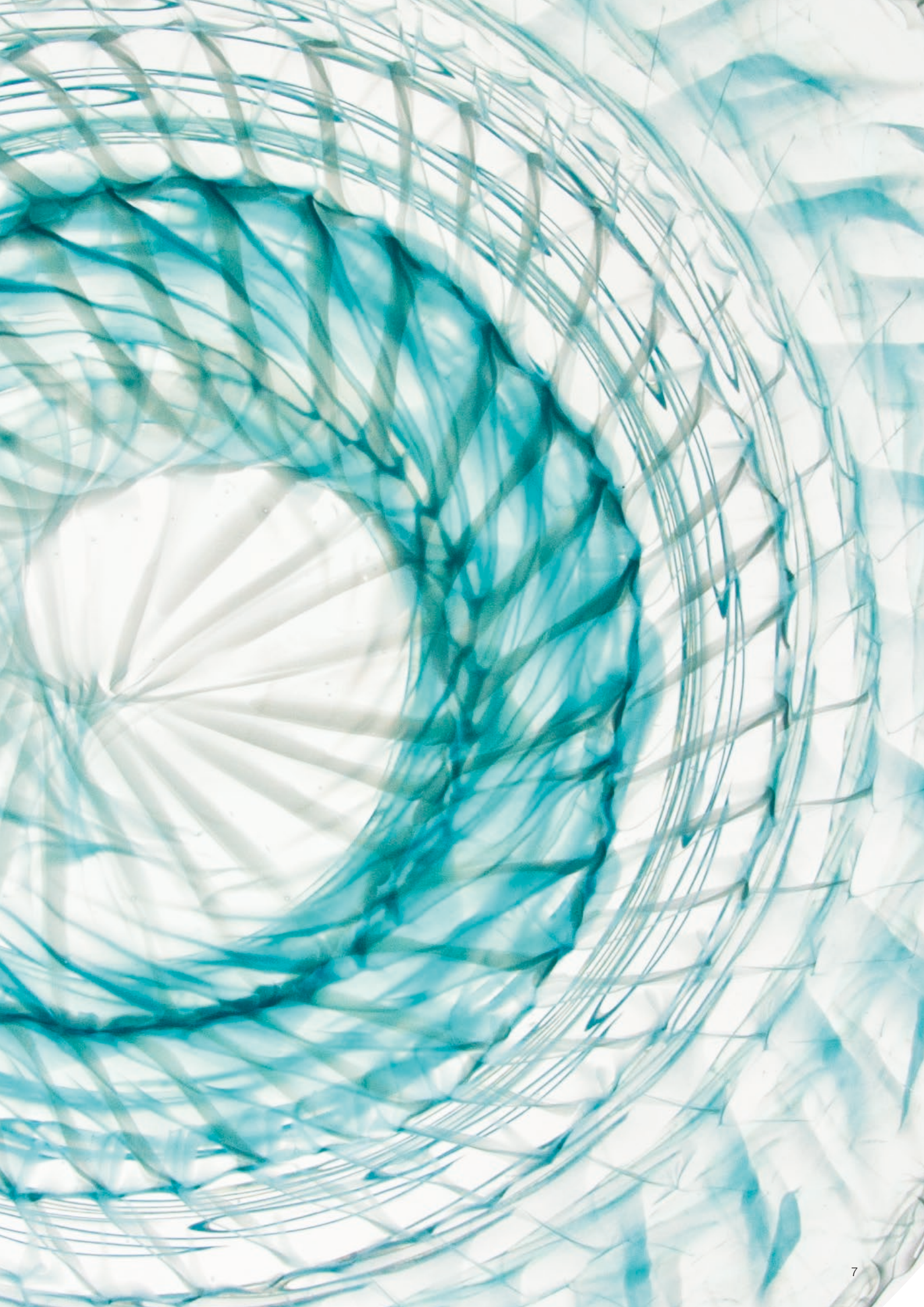
SIDELITE®

Murano glass

VENICE LEGEND

The venetian art of glassmaking is considered legendary to this day.Pioneers of this craft, like the world famous company Ferro from Murano, have been keeping this tradition carefully over many generations and share their know-how advisedly selected. The cooperation of the old master Guido Ferro and RZB unite the venetian art of glassmaking and the high standards in design and technology of RZB; it is cross-border appreciation and synergy at the same time. The result is a liaison between glass and light that definitely can be regarded as epic work.

More than 700 years of craftsmanship, tradition and passion "a la Ferro" make each of the hand-blown glass panels a touchingly beautiful individual item. Each millimetre of this "levitating" circle is steeped in light; the seamless, almost playful colouring of the Murano glass is brought to live in a fascinating way. Great designing skills, construction expertise that has been perfected over decades and pathbreaking LED technology were required to create such even light control and luminance. Through this, the quality and substance of RZB LUMINAIRES FerroMurano are rationally explained - but not its almost magic aesthetics. It remains a secret.

Each legend lives through one...

SIDELITE®

Technology

smart+free **DALI** **Light Control**

SIDELITE® ROUND: Power supply through suspension cable (on/off and DALI) or through separate cable (smart+free)

UGR ≤ 19

Ideal for office areas (UGR ≤ 19) and environments with computer screens in accordance with DIN EN 12464-1

smart+free

Versions with smart+free Bluetooth® control for wireless network and operation using Android / iOS devices, free app available for download

PLUG&PLAY

Easy plug-in installation (Quick-Connector)
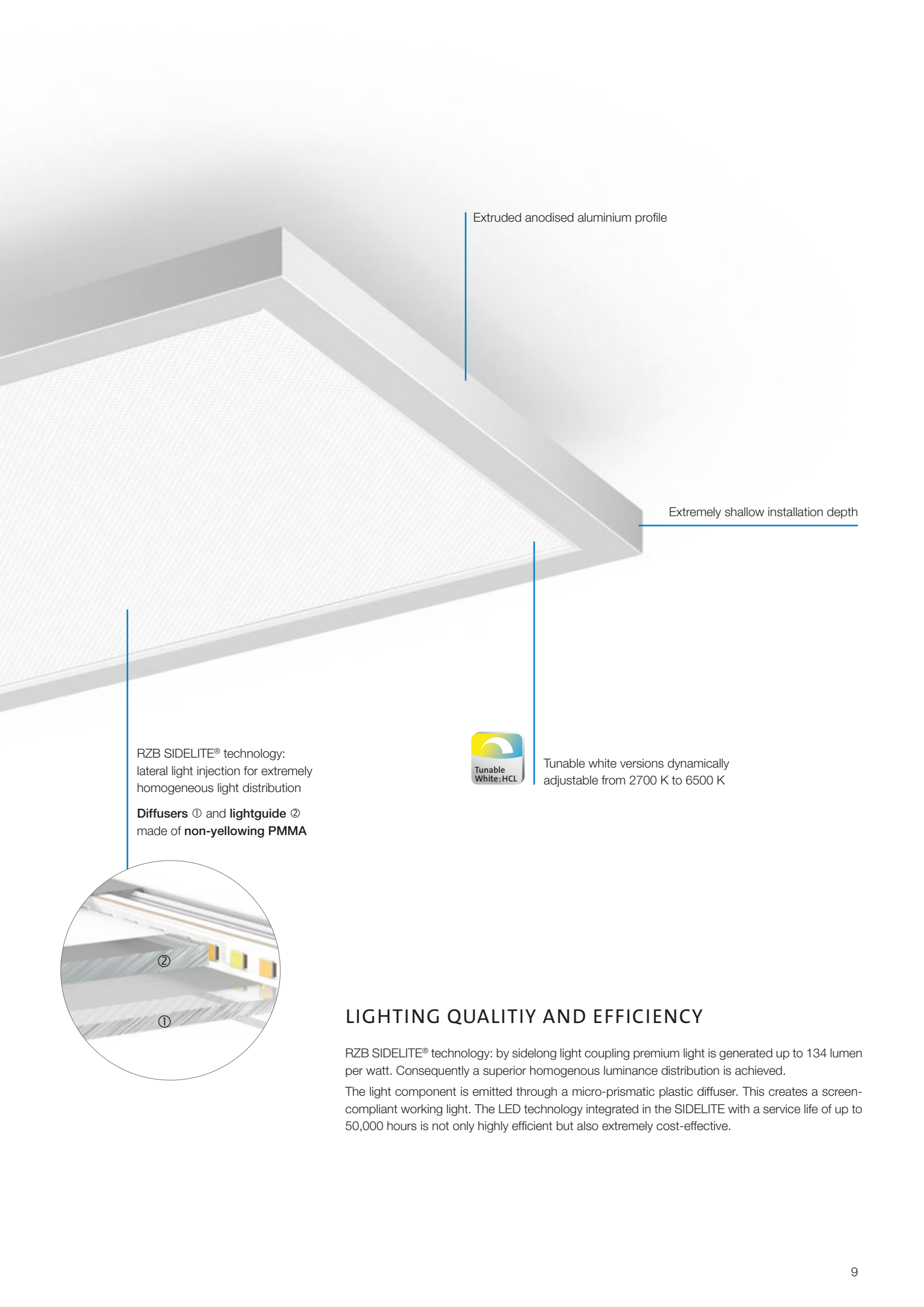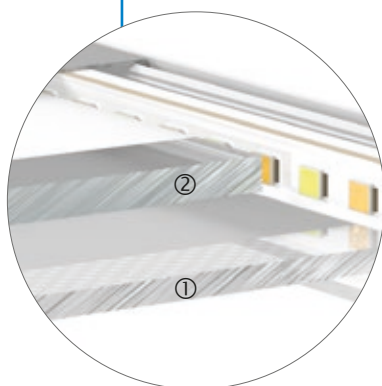
Extruded anodised aluminium profile

Extremely shallow installation depth

RZB SIDELITE® technology:
lateral light injection for extremely
homogeneous light distribution

Diffusers ① and **lightguide** ②
made of **non-yellowing PMMA**

Tunable
White:HCL

Tunable white versions dynamically
adjustable from 2700 K to 6500 K

LIGHTING QUALITIY AND EFFICIENCY

RZB SIDELITE® technology: by sidelong light coupling premium light is generated up to 134 lumen
per watt. Consequently a superior homogenous luminance distribution is achieved.

The light component is emitted through a micro-prismatic plastic diffuser. This creates a screen-
compliant working light. The LED technology integrated in the SIDELITE with a service life of up to
50,000 hours is not only highly efficient but also extremely cost-effective.

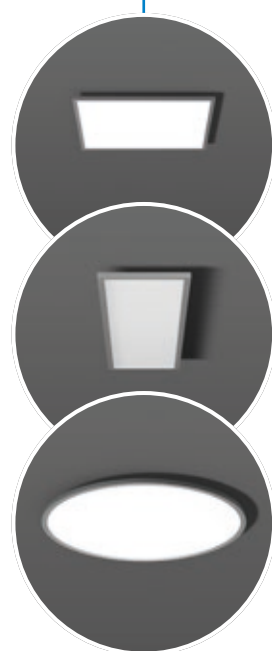## PHOTOMETRICS

⊕ Luminous efficiency up to134 lm/W

⊕ LED luminous flux up to 7,400 lm

⊕ Colour temperature 3,000 K and 4,000 K, on request 2,700 K

⊕ Tunable white versions dynamically adjustable from 2700 K to 6500 K

⊕ Colour rendering index Ra > 80

⊕ Symmetrical light distribution

⊕ LED rated life 50,000 h (L70, B10)

⊕ Good colour consistency within 3-steps MacAdam (3 SDCM)

SIDELITE®

Everything at a glance

SURFACE MOUNTED LUMINAIRES

298 x 298 mm
598 x 598 mm

UGR ≤ 19 | Tunable White.:HCL | smart+ free

1198 x 298 mm

UGR ≤ 19 | Tunable White.:HCL | smart+ free

348 mm
457 mm
675 mm

Tunable White.:HCL | smart+ free | Touch DIM Sensor

PENDANT LUMIANIRES

298 x 298 mm
598 x 598 mm

UGR ≤ 19 | Tunable White.:HCL | smart+ free

1198 x 298 mm

UGR ≤ 19 | Tunable White.:HCL | smart+ free

348 mm
457 mm
675 mm

Tunable White.:HCL | smart+ free | Touch DIM Sensor

1204 x 521mm

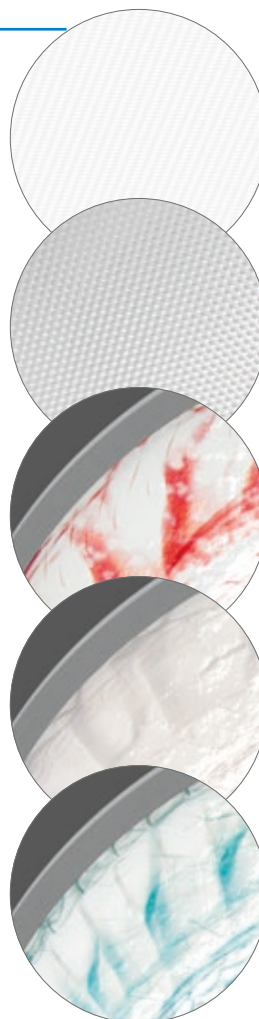UGR ≤ 19 | Tunable White.:HCL | smart+ free | Touch DIM Sensor

DIFFUSERS

Sidelite:
Light control using
plastic diffuser
with fine micro-
structure.

Sidelite Round:
Light control using
plastic diffuser,
opal/microprismatic
or FerroMurano glass

FREE-STANDING LUMINAIRES

715 x 440 x 2037 mm

3 colours available:
white, white aluminium
or black

SIDELITE®

Product overview | Surface mounted modular luminaires
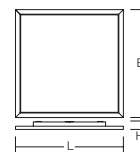

**Comparison
LED vs. conventional lamps**

LED 20 W ≈
2 x 26 W TC-D (68 W Psys)

Ceiling and wall luminaires | Sidelite

Type of Protection: **IP 40**
Protection Class: I
Impact Protection: IK03

Base: metal, powder-coated. Frame: extruded anodised aluminium profile. Lightguide and diffuser made of non-yellowing plastic (PMMA). Diffuser with microstructure (Suitable for use in environments with computer screens in accordance with EN 12464-1). Integral driver. Lateral light emission thanks to LED.

Available colour: 4 = aluminium, anodised

Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	UGR	dimm- able
Ceiling and wall luminaires							Price Category 21
312267.004	L 298, B 298, H 49	LED	830	1950 lm	20 W	21,1	on/off
312267.004.76	L 298, B 298, H 49	LED	830	1950 lm	20 W	21,1	DALI
312267.004.1	L 298, B 298, H 49	LED	840	2150 lm	20 W	21,3	on/off
312267.004.1.76	L 298, B 298, H 49	LED	840	2150 lm	20 W	21,3	DALI

**Comparison
LED vs. conventional lamps**

LED 28 W ≈
4 x 14 W T16 (68 W Psys)
3 x 24 W T16 (75 W Psys)

LED 33 W ≈
4 x 24 W T16 (98 W Psys)

Ceiling and wall luminaires | Sidelite

Type of Protection: **IP 40**
Protection Class: I
Impact Protection: IK03

Base: metal, powder-coated. Frame: extruded anodised aluminium profile. Lightguide and diffuser made of non-yellowing plastic (PMMA). Diffuser with microstructure (Suitable for use in environments with computer screens in accordance with EN 12464-1). Integral driver. Lateral light emission thanks to LED.

Available colour: 4 = aluminium, anodised

Versions with smart+free Bluetooth® control for wireless network and operation using Android / iOS devices, free app available for download.

Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	UGR	dimm- able
Ceiling and wall luminaires							Price Category 21
312268.004	L 598, B 598, H 49	LED	830	3800 lm	33 W	18,2	on/off
312268.004.76	L 598, B 598, H 49	LED	830	3800 lm	33 W	18,2	DALI
312268.004.1	L 598, B 598, H 49	LED	840	4300 lm	33 W	18,9	on/off
312268.004.1.76	L 598, B 598, H 49	LED	840	4300 lm	33 W	18,8	DALI
Tunable White - 2700 K to 6500 K							
312268.004.2.730	L 598, B 598, H 49	LED	827-865	2800 lm	28 W	17,0	smart+free

**Comparison
LED vs. conventional lamps**

LED 28 W ≈
4 x 14 W T16 (68 W Psys)
3 x 24 W T16 (75 W Psys)

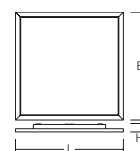**LED 33 W ≈**
4 x 24 W T16 (98 W Psys)

Ceiling and wall luminaires | Sidelite

Type of Protection: **IP 40**
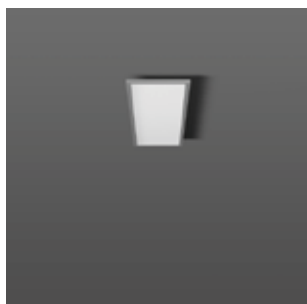Protection Class: I
Impact Protection: IK03

Base: metal, powder-coated. Frame: extruded anodised aluminium profile. Lightguide and diffuser made of non-yellowing plastic (PMMA). Diffuser with microstructure (Suitable for use in environments with computer screens in accordance with EN 12464-1). Integral driver. Lateral light emission thanks to LED.

Available colour: 4 = aluminium, anodised

Versions with smart+free Bluetooth® control for wireless network and operation using Android / iOS devices, free app available for download.

Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	UGR	dimm- able
Ceiling and wall luminaires							Price Category 21
312269.004	L 1198, B 298, H 49	LED	830	3950 lm	33 W	18,2	on/off
312269.004.76	L 1198, B 298, H 49	LED	830	3950 lm	33 W	18,2	DALI
312269.004.1	L 1198, B 298, H 49	LED	840	4100 lm	33 W	18,5	on/off
312269.004.1.76	L 1198, B 298, H 49	LED	840	4100 lm	33 W	18,5	DALI
Tunable White - 2700 K to 6500 K							
312269.004.2.730	L 1198, B 298, H 49	LED	827-865	3350 lm	28 W	17,6	smart+free

Specifications subject to alteration | The values indicated for power and luminous flux are rated values
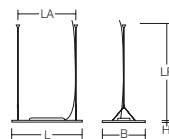
Pendant luminaires | Sidelite

Type of Protection: **IP 40**
Protection Class: I
Impact Protection: IK03
Suspension Length: 300-3000 mm

Cover: sheet steel, powder-coated. Frame: extruded anodised aluminium profile. Lightguide and diffuser made of non-yellowing plastic (PMMA). Diffuser with microstructure (Suitable for use in environments with computer screens in accordance with EN 12464-1). Lateral light emission thanks to LED. Integral driver. 2-point steel cable suspension, steplessly adjustable. Special lengths available on request.

Available colour: 4 = aluminium, anodised

Versions with smart+free Bluetooth® control for wireless network and operation using Android / iOS devices, free app available for download.

Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	UGR	dimm-able
Pendant luminaires							**Price Category 21**
312270.004	L 598, B 598, H 49	LED	830	3800 lm	33 W	18,2	on/off
312270.004.76	L 598, B 598, H 49	LED	830	3800 lm	33 W	18,2	DALI
312270.004.1	L 598, B 598, H 49	LED	840	4300 lm	33 W	18,9	on/off
312270.004.1.76	L 598, B 598, H 49	LED	840	4300 lm	33 W	18,9	DALI
Tunable White - 2700 K to 6500 K							
312270.004.2.730	L 598, B 598, H 49	LED	827-865	2800 lm	28 W	17,0	smart+free

Accessories			
			Price Category 21
981947.002	L 186, B 42, H 29	Canopy for DALI version (5 pole)	
981948.002	L 186, B 42, H 29	Canopy for standard version (3 pole) and smart+free	

**Comparison
LED vs. conventional lamps**

LED 28 W ≈
4 x 14 W T16 (68 W Psys)
3 x 24 W T16 (75 W Psys)

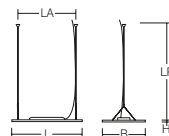**LED 33 W ≈**
4 x 24 W T16 (98 W Psys)

Pendant luminaires | Sidelite

Type of Protection: **IP 40**
Protection Class: I
Impact Protection: IK03
Suspension Length: 300-3000 mm

Cover: sheet steel, powder-coated. Frame: extruded anodised aluminium profile. Lightguide and diffuser made of non-yellowing plastic (PMMA). Diffuser with microstructure (Suitable for use in environments with computer screens in accordance with EN 12464-1). Lateral light emission thanks to LED. Integral driver. 2-point steel cable suspension, steplessly adjustable. Special lengths available on request.

Available colour: 4 = aluminium, anodised

Versions with smart+free Bluetooth® control for wireless network and operation using Android / iOS devices, free app available for download.

Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	UGR	dimm-able
Pendant luminaires							**Price Category 21**
312271.004	L 1198, B 298, H 49	LED	830	3950 lm	33 W	18,2	on/off
312271.004.76	L 1198, B 298, H 49	LED	830	3950 lm	33 W	18,2	DALI
312271.004.1	L 1198, B 298, H 49	LED	840	4100 lm	33 W	18,5	on/off
312271.004.1.76	L 1198, B 298, H 49	LED	840	4100 lm	33 W	18,5	DALI
Tunable White - 2700 K to 6500 K							
312271.004.2.730	L 1198, B 298, H 49	LED	827-865	3350 lm	29 W	17,6	smart+free

Accessories			
			Price Category 21
981947.002	L 186, B 42, H 29	Canopy for DALI version (5 pole)	
981948.002	L 186, B 42, H 29	Canopy for standard version (3 pole) and smart+free	

**Comparison
LED vs. conventional lamps**

LED 29 W ≈
4 x 14 W T16 (68 W Psys)
3 x 24 W T16 (75 W Psys)

LED 33 W ≈
4 x 24 W T16 (98 W Psys)

SIDELITE® ROUND

Product overview | Surface mounted modular luminaires

Ceiling and wall luminaires | Sidelite Round

Type of Protection: **IP 40**
Protection Class: I
Impact Protection: IK03

Base: metal, powder-coated. Frame: extruded anodised aluminium profile. Lightguide and diffuser made of non-yellowing plastic (PMMA). Diffuser opal/microprismatic (Suitable for use in environments with computer screens in accordance with EN 12464-1). Integral driver. Lateral light emission thanks to LED.

Available colours: aluminium, anodised

Versions with smart+free Bluetooth® control for wireless network and operation using Android / iOS devices, free app available for download.

Touch DIM Sensor — Applies to versions with .76
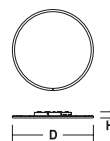
Comparison
LED vs. conventional lamps

LED 19 W ≈
1 x 40 W T16-R (43 W Psys)
1 x 39 W T16 (42 W Psys)

LED 24 W ≈
1 x 60 W T16-R (65 W Psys)
4 x 14 W T16 (68 W Psys)

LED 31 / 34 W ≈
4 x 24 W T16 (98 W Psys)

Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	UGR	dimm-able
Ceiling and wall luminaires							**Price Category 21**
Diffuser: plastic (PMMA) opal/microprismatic							
Diameter D 348 mm							
311997.000.76	D 348, H 50	LED	830	1800 lm	19 W	21,4	DALI
311997.000.730	D 348, H 50	LED	830	1800 lm	19 W	21,4	smart+free
311997.000.1.76	D 348, H 50	LED	840	1900 lm	19 W	21,7	DALI
311997.000.1.730	D 348, H 50	LED	840	1900 lm	19 W	21,7	smart+free
Tunable White - 2700 K to 6500 K							
311997.000.2.76	D 348, H 50	LED	827-865	1700 lm	19 W	21,1	DALI
311997.000.2.730	D 348, H 50	LED	827-865	1700 lm	19 W	21,1	smart+free
Diameter D 457 mm							
311916.004.76	D 457, H 50	LED	830	2500 lm	24 W	20,3	DALI
311916.004.730	D 457, H 50	LED	830	2500 lm	24 W	20,3	smart+free
311916.004.1.76	D 457, H 50	LED	840	2650 lm	24 W	20,6	DALI
311916.004.1.730	D 457, H 50	LED	840	2650 lm	24 W	20,6	smart+free
Tunable White - 2700 K to 6500 K							
311916.004.2.76	D 457, H 50	LED	827-865	2300 lm	24 W	20,1	DALI
311916.004.2.730	D 457, H 50	LED	827-865	2300 lm	24 W	20,1	smart+free
Diameter D 675 mm							
311849.000.76	D 675, H 50	LED	830	3250 lm	31 W	18,5	DALI
311849.000.730	D 675, H 50	LED	830	3250 lm	31 W	18,5	smart+free
311849.000.1.76	D 675, H 50	LED	840	3450 lm	31 W	18,7	DALI
311849.000.1.730	D 675, H 50	LED	840	3450 lm	31 W	18,7	smart+free
Tunable White - 2700 K to 6500 K							
311849.000.2.76	D 675, H 50	LED	827-865	3600 lm	34 W	18,4	DALI
311849.000.2.730	D 675, H 50	LED	827-865	3600 lm	34 W	18,4	smart+free

Specifications subject to alteration | The values indicated for power and luminous flux are rated values

SIDELITE® ROUND

Product overview | Surface mounted modular luminaires

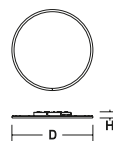### Ceiling and wall luminaires | Sidelite Round FerroMurano

Type of Protection: **IP 40**
Protection Class: I
Impact Protection: IK02

Base: metal, powder-coated. Frame: extruded anodised aluminium profile. Diffuser: handcrafted, coloured glass FerroMurano. Integral driver. Lateral light emission thanks to LED.

Available colour: aluminium, anodised

Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	dimm-able
Ceiling and wall luminaires						**Price Category 21**
Glass FerroMurano red						
Diameter D 457 mm						
311912.004.76	D 457, H 50	LED	830	1850 lm	38 W	DALI
311912.004.1.76	D 457, H 50	LED	840	2050 lm	38 W	DALI
Diameter D 675 mm						
311845.000.76	D 675, H 50	LED	830	3450 lm	54 W	DALI
311845.000.1.76	D 675, H 50	LED	840	3750 lm	54 W	DALI
Glass FerroMurano blue						
Diameter D 457 mm						
311913.004.76	D 457, H 50	LED	830	2400 lm	38 W	DALI
311913.004.1.76	D 457, H 50	LED	840	2650 lm	38 W	DALI
Diameter D 675 mm						
311846.000.76	D 675, H 50	LED	830	4300 lm	54 W	DALI
311846.000.1.76	D 675, H 50	LED	840	4600 lm	54 W	DALI
Glass FerroMurano white						
Diameter D 457 mm						
311915.004.76	D 457, H 50	LED	830	3000 lm	38 W	DALI
311915.004.1.76	D 457, H 50	LED	840	3200 lm	38 W	DALI
Diameter D 675 mm						
311848.000.76	D 675, H 50	LED	830	4900 lm	54 W	DALI
311848.000.1.76	D 675, H 50	LED	840	5400 lm	54 W	DALI

Luminaire flux and UGR of each luminaire vary due to the difference in colour intensity and structure of the glasses.

reddot award 2015 winner

German Design Award SPECIAL MENTION 2015
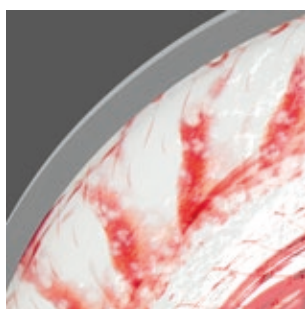
Touch DIM Sensor — Applies to versions with .76

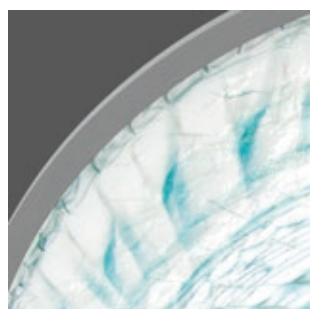**Comparison LED vs. conventional lamps**

LED 38 W ≈
4 x 18 W T26 (104 W Psys)
1 x 60 W T16-R (65 W Psys)

LED 54 W ≈
3 x 28 W T16 (92 W Psys)

Glass FerroMurano red

Glass FerroMurano blue

Glass FerroMurano white

Further information on coloured FerroMurano glass can be found on page 6.

SIDELITE® ROUND

Product overview | Suspended modular luminaires

Pendant luminaires | Sidelite Round

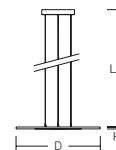Type of Protection: **IP 40**
Protection Class: I
Impact Protection: IK03
Suspension Length: 500-1200 mm

Frame: extruded anodised aluminium profile. Lightguide and diffuser made of non-yellowing plastic (PMMA). Diffuser opal/microprismatic (Suitable for use in environments with computer screens in accordance with EN 12464-1). Canopy aluminium anodised. For pendant lengths of up to 2 m, power is supplied through a suspension cable. For pendant lengths of 2 m and more, and for all tunable white versions, power must be supplied through a separate cable. 3-point steel cable suspension, steplessly adjustable. Special lengths available on request. Integral driver. Lateral light emission thanks to LED.

Available colour: aluminium, anodised

Versions with smart+free Bluetooth® control for wireless network and operation using Android / iOS devices, free app available for download.

Applies to versions with .76

Touch DIM Sensor

Comparison
LED vs. conventional lamps

LED 19 / 23 W ≈
1 x 40 W T16-R (43 W Psys)
3 x 14 W T16 (52 W Psys)
3 x 18 W T26 (78 W Psys)

LED 24 / 25 W ≈
1 x 60 W T16-R (65 W Psys)
4 x 14 W T16 (68 W Psys)
4 x 18 W T26 (104 W Psys)

LED 31 / 35 W ≈
4 x 24 W T16 (98 W Psys)
2 x 36 W T26 (86 W Psys)

Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	UGR	dimm-able
Pendant luminaires							**Price Category 21**
Diffuser: plastic (PMMA) opal/microprismatic							
Diameter D 348 mm, canopy Ø 221 mm, h 36 mm							
311998.000.76	D 348, H 15	LED	830	1800 lm	19 W	21,4	DALI
311998.000.730	D 348, H 15	LED	830	1800 lm	19 W	21,4	smart+free
311998.000.1.76	D 348, H 15	LED	840	1900 lm	19 W	21,7	DALI
311998.000.1.730	D 348, H 15	LED	840	1900 lm	19 W	21,7	smart+free
Tunable White - 2700 K to 6500 K							
311998.000.2.76	D 348, H 15	LED	827-865	1900 lm	23 W	21,4	DALI
311998.000.2.730	D 348, H 15	LED	827-865	1900 lm	23 W	21,4	smart+free
Diameter D 457 mm, canopy Ø 221 mm, h 36 mm							
311911.004.76	D 457, H 15	LED	830	2500 lm	24 W	20,3	DALI
311911.004.730	D 457, H 15	LED	830	2500 lm	24 W	20,3	smart+free
311911.004.1.76	D 457, H 15	LED	840	2650 lm	24 W	20,6	DALI
311911.004.1.730	D 457, H 15	LED	840	2650 lm	24 W	20,6	smart+free
Tunable White - 2700 K to 6500 K							
311911.004.2.76	D 457, H 15	LED	827-865	2250 lm	25 W	20,2	DALI
311911.004.2.730	D 457, H 15	LED	827-865	2250 lm	25 W	20,2	DALI
Diameter D 675 mm, canopy Ø 263 mm, h 40 mm							
311681.000.76	D 675, H 15	LED	830	3250 lm	31 W	18,5	DALI
311681.000.730	D 675, H 15	LED	830	3250 lm	31 W	18,5	smart+free
311681.000.1.76	D 675, H 15	LED	840	3450 lm	31 W	18,7	DALI
311681.000.1.730	D 675, H 15	LED	840	3450 lm	31 W	18,7	smart+free
Tunable White - 2700 K to 6500 K							
311681.000.2.76	D 675, H 15	LED	827-865	3600 lm	35 W	18,4	DALI
311681.000.2.730	D 675, H 15	LED	827-865	3600 lm	35 W	18,4	smart+free

Light colour 827 on request.
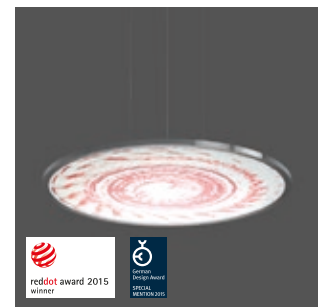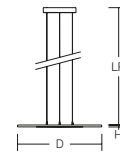
SIDELITE® ROUND

Product overview | Suspended modular luminaires

Pendant luminaires | Sidelite Round FerroMurano

Type of Protection: **IP 40**
Protection Class: I
Impact Protection: IK02
Suspension Length: 500-1200 mm

Frame: extruded anodised aluminium profile. Diffuser: handcrafted, coloured glass FerroMurano. Canopy aluminium anodised. For pendant lengths of up to 2 m, power is supplied through a suspension cable. For pendant lengths of 2 m and more, and for all tunable white versions, power must be supplied through a separate cable. 3-point steel cable suspension, steplessly adjustable. Special lengths available on request. Integral driver. Lateral light emission thanks to LED.

Available colour: aluminium, anodised

Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	dimm-able
Pendant luminaires						**Price Category 21**
Glass FerroMurano red						
Diameter D 457 mm, canopy Ø 221 mm, h 36 mm						
311907.004.76	D 457, H 15	LED	830	1850 lm	38 W	DALI
311907.004.1.76	D 457, H 15	LED	840	2050 lm	38 W	DALI
Diameter D 675 mm, canopy Ø 263 mm, h 40 mm						
311677.000.76	D 675, H 15	LED	830	3450 lm	54 W	DALI
311677.000.1.76	D 675, H 15	LED	840	3750 lm	54 W	DALI
Glass FerroMurano blue						
Diameter D 457 mm, canopy Ø 221 mm, h 36 mm						
311908.004.76	D 457, H 15	LED	830	2400 lm	38 W	DALI
311908.004.1.76	D 457, H 15	LED	840	2650 lm	38 W	DALI
Diameter D 675 mm, canopy Ø 263 mm, h 40 mm						
311678.000.76	D 675, H 15	LED	830	4300 lm	54 W	DALI
311678.000.1.76	D 675, H 15	LED	840	4600 lm	54 W	DALI
Glass FerroMurano white						
Diameter D 457 mm, canopy Ø 221 mm, h 36 mm						
311910.004.76	D 457, H 15	LED	830	3000 lm	38 W	DALI
311910.004.1.76	D 457, H 15	LED	840	3200 lm	38 W	DALI
Diameter D 675 mm, canopy Ø 263 mm, h 40 mm						
311693.000.76	D 675, H 15	LED	830	4900 lm	54 W	DALI
311693.000.1.76	D 675, H 15	LED	840	5400 lm	54 W	DALI

The luminaire flux and UGR of each luminaire varies due to the difference in colour intensity and structure of the glasses. Light colour 827 on request.
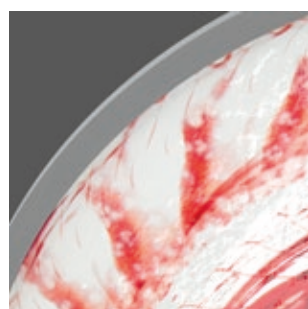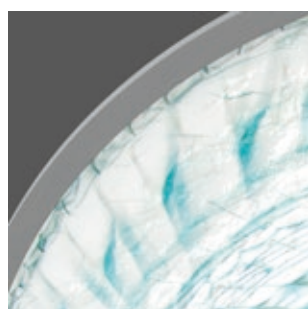
reddot award 2015 winner

German Design Award SPECIAL MENTION 2015

Touch DIM Sensor — Applies to versions with .76

Comparison LED vs. conventional lamps

LED 38 W ≈
1 x 40 W T16-R (43 W Psys)
3 x 14 W T16 (52 W Psys)

LED 54 W ≈
1 x 55 W T16-R (60 W Psys)
4 x 14 W T16 (68 W Psys)
4 x 18 W T26 (104 W Psys)

Glass FerroMurano red

Glass FerroMurano blue

Glass FerroMurano white

Further information on coloured FerroMurano glass can be found on page 6.

SIDELITE® ELLYPSOID

Product overview | Pendant luminaires

Touch DIM Sensor — Applies to versions with .76

Pendant luminaires | Sidelite Ellypsoid

Type of Protection: IP 20
Protection Class: I
Impact Protection: IK03
Suspension Length: 500-1200 mm

Anodised aluminium frame. Diffuser: PMMA plastic, opal/microprismatic. Canopy aluminium anodised (l 540, b 42, h 29 mm). For pendant lengths of up to 2 m, power is supplied through a suspension cable. For pendant lengths of 2 m and more, and for all tunable white versions, power must be supplied through a separate cable. 2-point steel cable suspension, steplessly adjustable. Special lengths available on request. Driver included in canopy. Lateral light emission thanks to LED.

Available colour: 0 = aluminium, anodised

Versions with smart+free Bluetooth® control for wireless network and operation using Android / iOS devices, free app available for download.
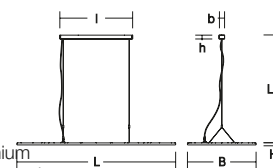
Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	UGR	dimm-able
Pendant luminaires							**Price Category 21**
100% direct light emission							
311577.000.76	L 1204, B 521, H 15	LED	830	7500 lm	76 W	21,2	DALI
311577.000.730	L 1204, B 521, H 15	LED	830	7500 lm	76 W	21,2	smart+free
311577.000.1.76	L 1204, B 521, H 15	LED	840	8000 lm	76 W	21,4	DALI
311577.000.1.730	L 1204, B 521, H 15	LED	840	8000 lm	76 W	21,4	smart+free
Tunable White - 2700 K to 6500 K							
311577.000.2.730	L 1204, B 521, H 15	LED	827-865	5200 lm	53 W	19,8	smart+free

Light colour 827 on request.

Touch DIM Sensor — Applies to versions with .76

Pendant luminaires | Sidelite Ellypsoid

Type of Protection: IP 20
Protection Class: I
Impact Protection: IK03
Suspension Length: 500-1200 mm

Anodised aluminium frame. Diffuser: PMMA plastic, opal/microprismatic. Canopy aluminium anodised (l 540, b 42, h 29 mm). Power supply through separate cable. 2-point steel cable suspension, steplessly adjustable. Special lengths available on request. Driver included in canopy. Lateral light emission thanks to LED.

Available colour: 0 = aluminium, anodised

Versions with smart+free Bluetooth® control for wireless network and operation using Android / iOS devices, free app available for download.
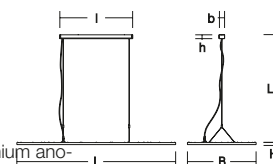
Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	UGR	dimm-able
Pendant luminaires							**Price Category 21**
60% direct and 40% indirect light emission							
311662.000.76	L 1204, B 521, H 15	LED	830	7900 lm	76 W	16,6	DALI
311662.000.730	L 1204, B 521, H 15	LED	830	7900 lm	76 W	16,6	smart+free
311662.000.1.76	L 1204, B 521, H 15	LED	840	8450 lm	76 W	16,8	DALI
311662.000.1.730	L 1204, B 521, H 15	LED	840	8450 lm	76 W	16,8	smart+free
Tunable White - 2700 K to 6500 K							
311662.000.2.730	L 1204, B 521, H 15	LED	827-865	5200 lm	53 W	15,8	smart+free

Light colour 827 on request.

Specifications subject to alteration | The values indicated for power and luminous flux are rated values

SIDELITE®

Everything at a glance

Direct/indirect emission
in 60:40 ratio

UGR ≤ 19

Ideal for office areas (UGR ≤ 19) and
environments with computer screens
in accordance with DIN EN 12464-1

Diffusers and **lightguide** made of
non-yellowing PMMA
with fine microstructure

Versions with intelligent presence
control and brightness sensors

Touch DIM

Flush membrane switch
for easy operation

3 colours available: white,
white aluminium or black

Flat base plate made of steel with
narrow opening (35 mm) or wide
opening (150 mm)

For a high level of stability and space-
saving positioning with office furniture

Cable route in front to
facilitate the connection
and to avoid trip hazard.

SIDELITE®

Product overview | Free-standing luminaire

RZB

Free-standing luminaires | Sidelite

Type of Protection: IP 20
Protection Class: I
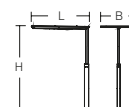Impact Protection: IK04

LED free-standing luminaires for single and double workplaces, optionally with intelligent presence control and brightness sensors. Integral driver located inside the column. Direct/indirect emission in 60:40 ratio. Direct light control via micro prismatic plastic diffuser (screen-compliant according to EN-12464-1). Indirect light control via opal plastic diffuser, diffusers and light guide made of non-yellowing PMMA. Flat steel base plate for high stability and space-saving positioning with office furniture. Top and column made of aluminium. Luminaire powder coated. Pushbutton ergonomically integrated in the luminaire column. With 2 m connection cable including safety plug (Schuko).

Touch-Dim version: The luminaire remains switched off after the mains supply is restored.
Version with sensors: The luminaire goes into stand-by after the mains supply is restored.

Luminaire top (L 715 x W 440 x H 15 mm).

Available colours (X): 2 = white, 3 = black, 45 = white aluminium

Reference number	Dimensions	Lamp	Light colour	Luminous flux	System power	UGR	dimmable
Free-standing luminaires							**Price Category 21**
Base plate with narrow opening							
312138.00X	L 715, B 440, H 2037	LED	830	7200 lm	70 W	17,8	Touch-Dim
312138.00X.19	L 715, B 440, H 2037	LED	830	7200 lm	70 W	17,8	Sensor
312138.00X.1	L 715, B 440, H 2037	LED	840	7200 lm	70 W	17,8	Touch-Dim
312138.00X.1.19	L 715, B 440, H 2037	LED	840	7200 lm	70 W	17,8	Sensor
Base plate with wide opening							
312139.00X	L 715, B 440, H 2037	LED	830	7200 lm	70 W	17,8	Touch-Dim
312139.00X.19	L 715, B 440, H 2037	LED	830	7200 lm	70 W	17,8	Sensor
312139.00X.1	L 715, B 440, H 2037	LED	840	7200 lm	70 W	17,8	Touch-Dim
312139.00X.1.19	L 715, B 440, H 2037	LED	840	7200 lm	70 W	17,8	Sensor

**Comparison
LED vs. conventional lamps**

LED 70 W ≈
2 x 58 W T26 (134 W Psys)

Specifications subject to alteration | The values indicated for power and luminous flux are rated values

SINGLE WORKPLACE

Length 4.0 m | Width 3.50 m | Height 2.80 m | Maintenance factor 0.80 | Working plane 0.75 m | Mounting Height 2.0 m

Free-standing luminaire **Ref.-No. 312138.002.1**

Wattage	LED 70 W / 7200 lm
Number of luminaires	1

Average illuminance **Em >500 lx**

DOUBLE WORKPLACE

Length 4.0 m | Width 3.50 m | Height 2.80 m | Maintenance factor 0.80 | Working plane 0.75 m | Mounting Height 2.0 m

Free-standing luminaire **Art.-Nr. 312139.002.1**

Wattage	LED 70 W / 7200 lm
Number of luminaires	1

Average illuminance **Em >500 lx**

SIDELITE®

Discover the possibilities...

FURTHER LUMINAIRES, MATCHING THIS SERIES:

⊕ Less is more®

⊕ Sidelite® ECO

⊕ Sonis EVO

⊕ TWIN**DOT**®

HIGHEST PRODUCT AND CONSULTING QUALITY

⊕ RELIABILITY

We are your reliable partner. From the first idea to the implementation and far beyond, we support you with your project. Personally, passionately and individually. Thanks to our excellent expertise, top product quality and services such as lighting design, economic efficiency analysis and commissioning, we meet the high demands of all parties involved in the planning process.

✓ availability of BIM files

✓ easy and quick installation

✓ quality and long warranty

⊕ WARRANTY

RZB grants 5 years warranty on LED luminaires and 2 years warranty on emergency luminaires!

The creation of high quality lighting solutions is our passion. Our products are developed and manufactured with the utmost care.

In addition to SMART TECHNOLOGY and EXCELLENT DESIGN, we are dedicated to manufacture luminaires of highest quality throughout the entire value chain through to After Sales Service.

Because of this, we confidently grant you a 5 years warranty on LED luminaires and 2 years warranty on emergency luminaires with effect of the date of invoice without prior registration of your project.

Warranty terms to be found under
rzb.de/en/service/led-luminaire-warranty

RZB - FOR A TANGIBLE ADDED VALUE.

RZB

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