PHASE
PERFORMANCE IS THE NAME OF THE GAME HERE.

PHASE is a three-phase 230 volt track system with a functional design. The high quality aluminium profile track is primarily used for straight line lighting concepts. Thanks to the multitude of combination possibilities for pooled or flat lighting of surfaces and objects to be highlighted, PHASE is particularly recommended for use in the retail sector, in public buildings and conferences, and in galleries and sacred buildings.

PHASE system luminaires are offered with a variety of lighting technologies. Both LED and halogen luminaires are available to choose from.

Both 24 volt and 12 volt OLIGO system luminaires can be used in existing track systems in the Euro format thanks to the SMART.POINT or PLUG-IN adapter.

Through configuration to the adapter, the luminaires are allocated to the individual circuits and allow for the design of a variety of light scenes.

The 24 volt SMART.POINT luminaires can also be integrated into a centrally controllable lighting system using a DALI-compatible adapter.

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3-Phase high voltage track system

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Spotlights / ambient lights

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LUMINAIRES WITH CONVENTIONAL FITTINGS

Spotlights / ambient lights

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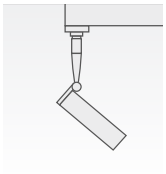

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Pendant luminaires

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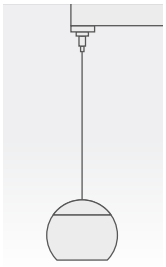

PLUG-IN
Adapter from page 195
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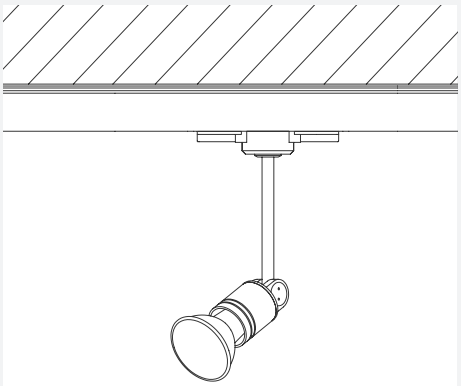
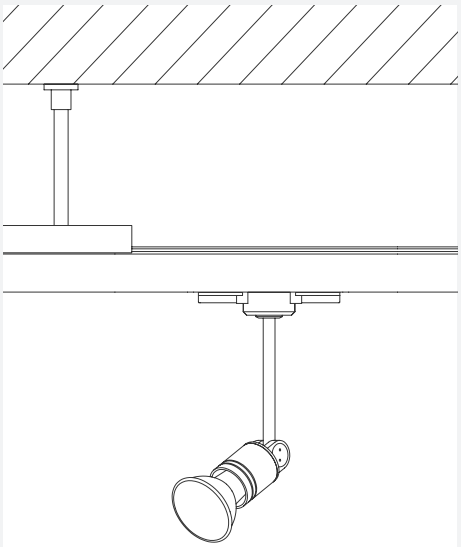
PHASE
VERSATILE OPPORTUNITIES

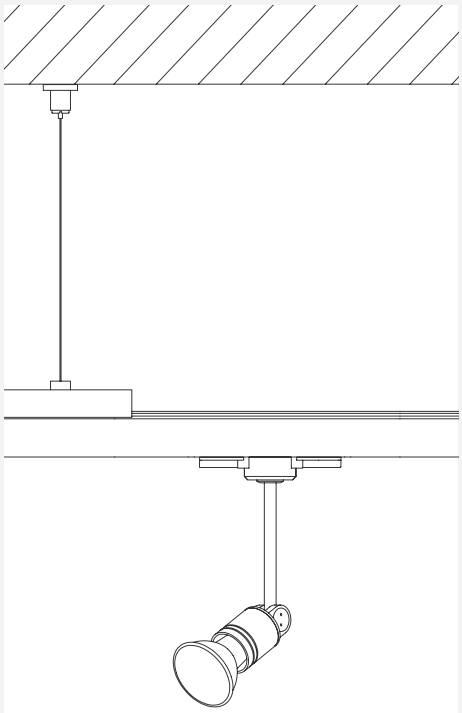
INSTALLATION
flush with the ceiling



INSTALLATION
with supports



INSTALLATION
suspended



INSTALLATION OPTIONS

PHASE is a tried and tested, high performance 230 volt track system which is based on track components from Eutrac.

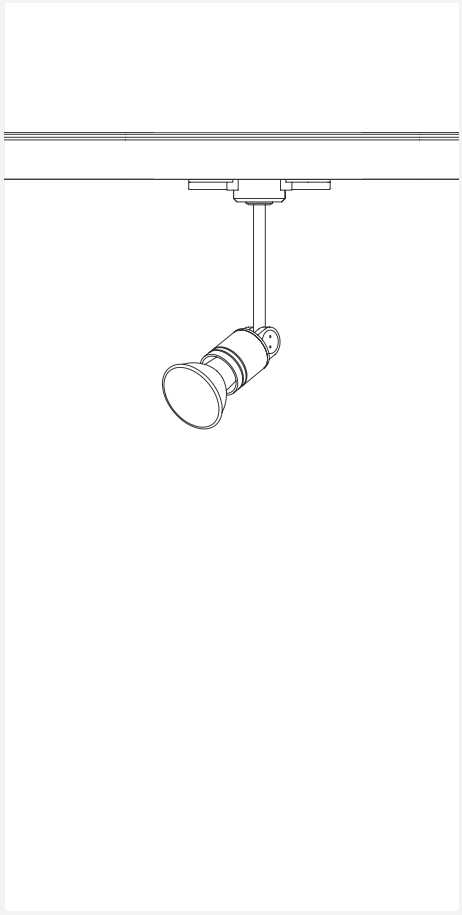
The 5-cable surface mounted track for three circuits comprises an extruded aluminium profile and two PVC support profiles with two embedded 2.5 mm² copper cables each, three separate switchable circuits, protective earth through the aluminium profile. On-site length adjustment can be done with no problem through simple sawing.

There is no need to cut back or bend the copper cable. The track has pre-punched mounting slots and is approved for use within arm's reach.

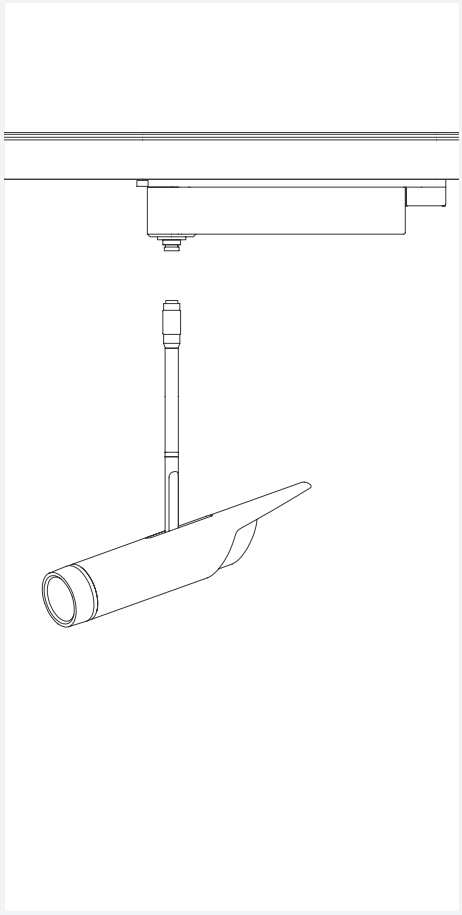
PHASE can be installed flush to the ceiling, with a distance support and in suspended form. In particular, installation flush with the ceiling creates a homogeneous transition from the ceiling to the lighting system.

PHASE
COMBINING AND EXPANDING

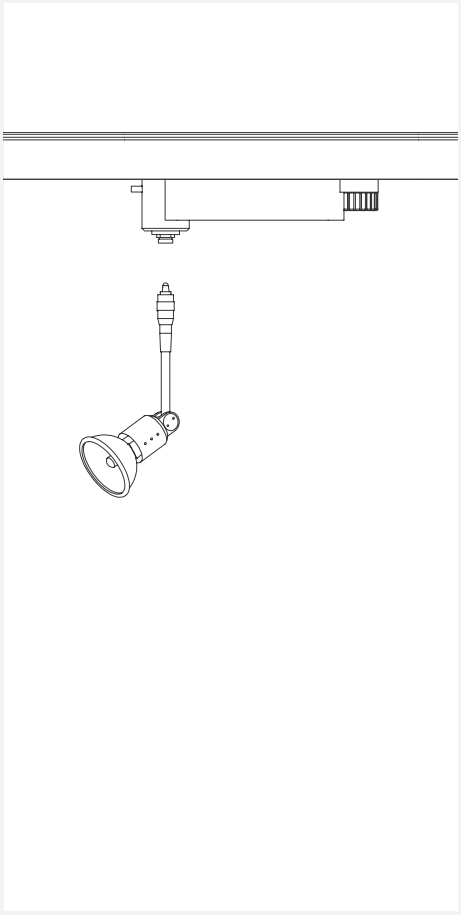
ADAPTER
integrated



ADAPTER
24 V plug connection system
SMART.POINT



ADAPTER
12 V plug connection system
PLUG-IN



LARGE SELECTION OF LUMINAIRES

PHASE system luminaires are equipped with a fixed universal three-phase adapter in the factory. The luminaires are attached to the busbar by means of clamp fastening and can be repositioned in just a few simple steps.

Using a system adapter, the entire selection of SMART.POINT 24 volt system luminaires is available to choose from.

An adapter with DALI converter is also available for integration of the SMART.POINT 24 volt system luminaires into a centrally controllable lighting system.

Likewise, PLUG-IN 12 volt system luminaires can be integrated into the system with no problem using the PHASE-IN adapter.

DALI
DIGITAL LIGHTING CONTROL USING WIRED COMPONENTS

TRIED AND TESTED INTERFACE STANDARD

DALI is a tried and tested international interface standard for digital lighting control. It lends itself to use for professional lighting control in commercial and public spaces.

A poleable two-wire cable which can simply be laid with the normal power supply is sufficient for installation. The open interface standard defines bidirectional communication between control units and up to 64 individual addressable electrical operating units, from any manufacturer. It is thus possible to configure scalable lighting systems.

INTEGRATION INTO BUILDING TECHNOLOGY

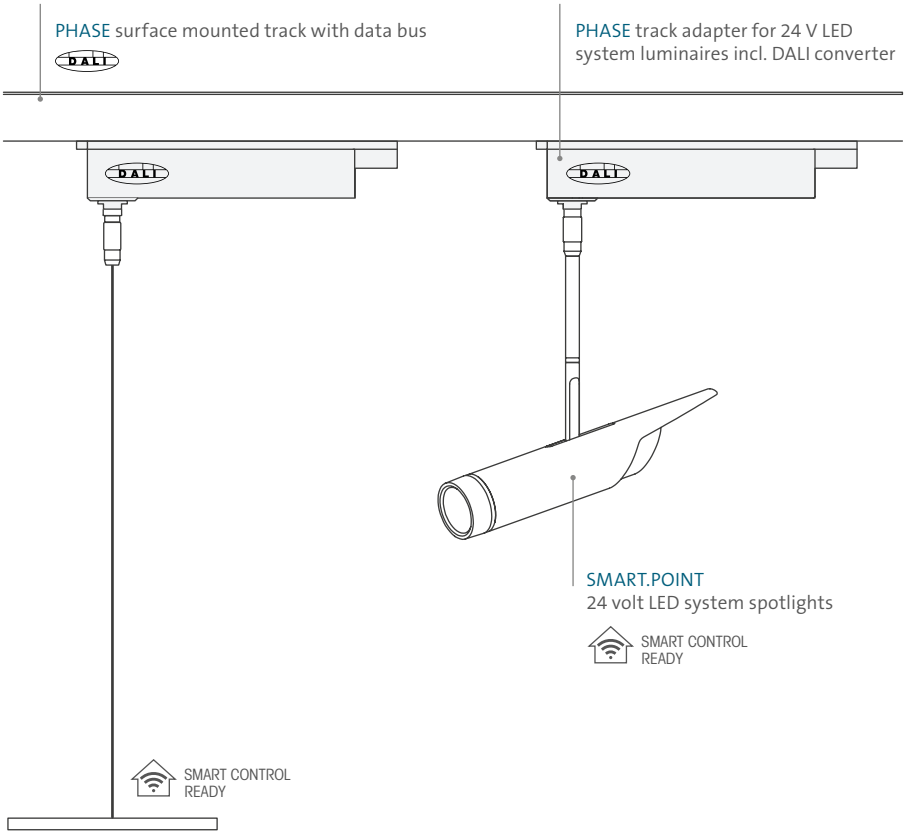
The system allows for extensive configuration modifications without having to subsequently interfere with the existing electrical installation. Complex lighting scenarios, such as test, status and maintenance queries, can likewise be realised using DALI.

In addition, integration of the lighting control system into higher building management systems is also possible.

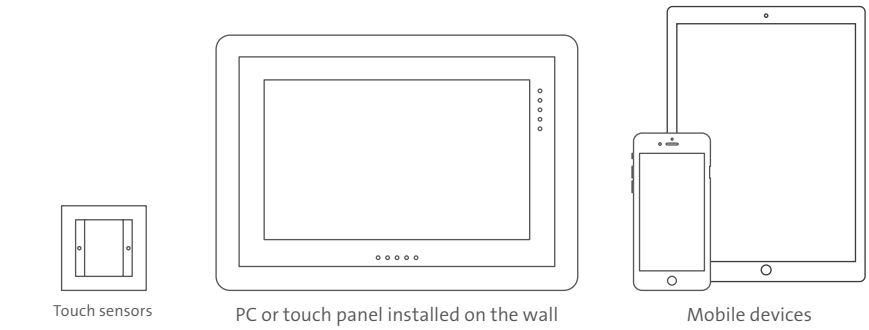
Detailed information about DALI can be found at

→ www.dali-ag.org

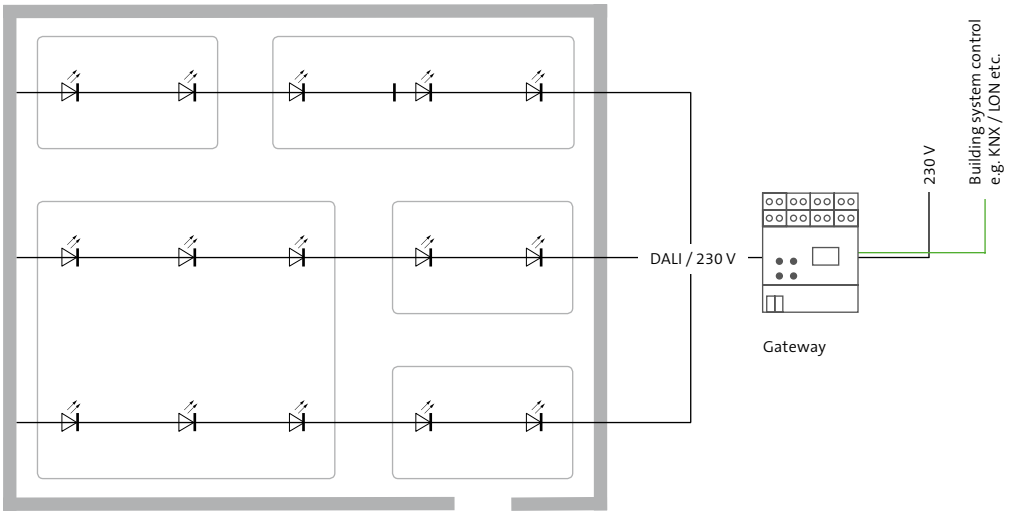
DALI track adapter
for PHASE



Devices for lighting control



DALI lighting control



FLEXIBLE INDIVIDUAL OR GROUP CONTROL

24 volt LED system luminaires with DALI interfaces can be addressed flexible, i.e. they can be controlled individually but can also belong to one or more groups. In addition, there is clearly increased functionality since they are able, among other things, to save information for various light scenes or reach target dimming values at the same time as all other devices.

A crucial advantage for planning results from the possibility of assigning light groups independently of the wiring. In a new build, all cables can therefore be laid in the ceiling even if the exact floor plan has not yet been defined.

If a floor plan is subsequently changed then the light groups simply need to be reconfigured in the system.

LIGHT SCENES

Pre-programmed lighting moods in which many different luminaires complement each other to produce an overall look can be called up with the touch of a finger. Effects can also be part of light scenes, so that not only static but also dynamic lighting moods can be created.

WALKER

LED

The bright WALKER reflector spotlight convinces with a luminous flux of 1,850 lumen and, thanks to the three-pole pin, is suitable for digital lighting control systems. With two light distribution characteristics and modern design, WALKER puts the topic of luminaire design in a contemporary context and is perfectly suited for designing creative shop fitting and office concepts.

Design: Böhler Design

FEATURES

Spotlight
Rotatable / swivelling
High performance reflector

Lighting control and dimming
Compatible with DALI components for integration into building automation systems: Page 156, 199

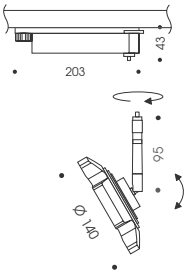
Output data
24 V DC / LED / 1850 lm / 17.8 W / CRI >90 / Energy efficiency class: A+
Variants: 2700 K / 3000 K / 4000 K / 25° / 45°

Material
Aluminium

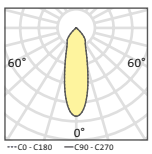
Weight
0.7 kg

TECHNICAL INFORMATION

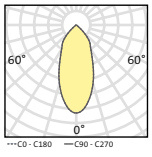
Order adapter separately



Light distribution



h (m)	Ø (m)	Lux
1	0.54	3787
2	1.10	947
3	1.60	421



h (m)	Ø (m)	Lux
1	0.83	2514
2	1.70	628
3	2.50	279

SMART CONTROL READY

LED INTEGRATED

COLOURS

Matt chrome

Matt white

Matt black

PRODUCT

Voltage	Type	lm	W	CRI	EEC	Angle	Colour	2700 K	3000 K	4000 K
24 V DC	LED	1850	17.8	>90	A+	25°	Matt chrome	20-862-20-06	20-862-30-06	20-862-40-06
							Matt white	20-862-20-21	20-862-30-21	20-862-40-21
							Matt black	20-862-20-23	20-862-30-23	20-862-40-23
						45°	Matt chrome	20-862-21-06	20-862-31-06	20-862-41-06
							Matt white	20-862-21-21	20-862-31-21	20-862-41-21
							Matt black	20-862-21-23	20-862-31-23	20-862-41-23

Adapter: Page 156

NEWTON

LED

With a 1,850 lumen luminous flux at a power consumption of 17.8 watts, NEWTON offers a bright, efficient lighting solution for product presentation. The high performance reflector, coordinated in-house with the LED light source shields the spotlight and at the same time defines the softly sketched light scene.

The rotatable and swivelling spotlight , with light distribution characteristics of 25° and 45° and light colours of up to 4,000 K, allows for a multitude of options for the modulation of presentation areas.

Design: Böhler Design

NEWTON

SMART CONTROL READY

LED INTEGRATED

FEATURES

Spotlight
Rotatable / swivelling
High performance reflector

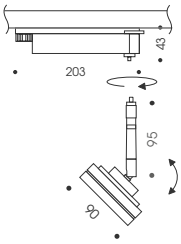
Lighting control and dimming
Compatible with DALI components for integration into building automation systems: Page 156, 199

Output data
24 V DC / LED / 1850 lm / 17.8 W / CRI >90 / Energy efficiency class: A+
Variants: 2700 K / 3000 K / 4000 K / 25° / 45°

Material
Aluminium

Weight
0.6 kg

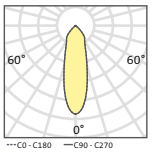
TECHNICAL INFORMATION



Order adapter separately

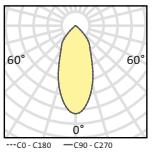
Light distribution

25°



h (m)	Ø (m)	Lux
1	0.54	3787
2	1.10	947
3	1.60	421

45°



h (m)	Ø (m)	Lux
1	0.83	2514
2	1.70	628
3	2.50	279

COLOURS

Matt chrome

Matt white

Matt black

PRODUCT

Voltage	Type	lm	W	CRI	EEC	Angle	Colour	2700 K	3000 K	4000 K
24 V DC	LED	1850	17.8	>90	A+	25°	Matt chrome	20-860-20-06	20-860-30-06	20-860-40-06
							Matt white	20-860-20-21	20-860-30-21	20-860-40-21
							Matt black	20-860-20-23	20-860-30-23	20-860-40-23
						45°	Matt chrome	20-860-21-06	20-860-31-06	20-860-41-06
							Matt white	20-860-21-21	20-860-31-21	20-860-41-21
							Matt black	20-860-21-23	20-860-31-23	20-860-41-23

Adapter: Page 156

SENTRY PRO

LED

The SENTRY PRO LED spotlight is businesslike in form, impressive in output. The cylindrical luminaire body, made from aluminium, surrounds a 1,350 lumen LED and is connected to the adapter by a joint which tilts and swivels. Reflectors optimised for the spotlight allow for a particularly homogeneous light mix.

SENTRY PRO is particularly suitable for professional use in the retail sector, in galleries and exhibitions and in combination with modern architecture.

Design: OLIGO

SENTRY PRO

SMART CONTROL READY

LED INTEGRATED

FEATURES

Spotlight
Rotatable / swivelling
High performance reflector

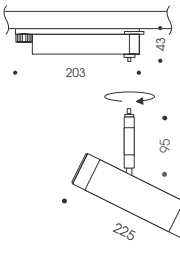
Lighting control and dimming
Compatible with DALI components for integration into building automation systems: Page 156, 199

Output data
24 V DC / LED / 1350 lm / 15.7 W / CRI >90 / Energy efficiency class: A+
Variants: 2700 K / 3000 K / 4000 K / 26° / 43°

Material
Aluminium

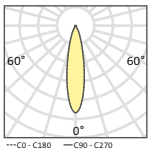
Weight
1,3 kg

TECHNICAL INFORMATION



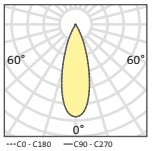
Order adapter separately

Light distribution



22°

h (m)	Ø (m)	Lux
1	0.40	7136
2	0.80	1784
3	1.2	793



40°

h (m)	Ø (m)	Lux
1	0.59	4421
2	1.20	1105
3	1.80	491

COLOURS

Matt chrome

Matt white

Matt black

PRODUCT

Voltage	Type	lm	W	CRI	EEC	Angle	Colour	2700 K	3000 K	4000 K
24 V DC	LED	1350	15.7	>90	A+	22°	Matt chrome	20-867-30-06	20-867-40-06	20-867-50-06
							Matt white	20-867-30-21	20-867-40-21	20-867-50-21
							Matt black	20-867-30-23	20-867-40-23	20-867-50-23
						40°	Matt chrome	20-867-31-06	20-867-41-06	20-867-51-06
							Matt white	20-867-31-21	20-867-41-21	20-867-51-21
							Matt black	20-867-31-23	20-867-41-23	20-867-51-23

Adapter: Page 156

SENTRY

LED

The SENTRY LED spotlight presents itself with a slim, cylindrical shape. The luminaire body has a luminous flux of 1,150 lumen and can be directed as desired using a joint which tilts and swivels. The high performance reflector provides a homogeneous light mix across the entire spectrum and ensures the true colour rendering of the illuminated objects. With its timeless design, the spotlight is perfectly suited to use in modern shopping worlds and exhibitions.

Design: OLIGO

SENTRY

SMART CONTROL READY

LED INTEGRATED

FEATURES

Spotlight
Rotatable / swivelling
High performance reflector

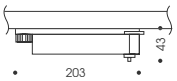
Lighting control and dimming
Compatible with DALI components for integration into building automation systems: Page 156, 199

Output data
24 V DC / LED / 1150 lm / 13.9 W / CRI >90 / Energy efficiency class: A+
Variants: 2700 K / 3000 K / 4000 K / 26° / 43°

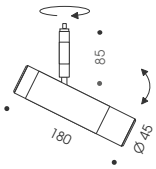
Material
Aluminium

Weight
0.7 kg

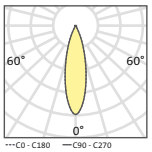
TECHNICAL INFORMATION



Order adapter separately

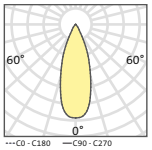


Light distribution



26°

h (m)	Ø (m)	Lux
1	0.48	5302
2	0.95	1325
3	1.40	589



43°

h (m)	Ø (m)	Lux
1	0.64	3086
2	1.30	772
3	1.90	343

COLOURS

Matt chrome

Matt white

Matt black

PRODUCT

Voltage	Type	lm	W	CRI	EEC	Angle	Colour	2700 K	3000 K	4000 K
24 V DC	LED	1150	13.9	>90	A+	26°	Matt chrome	20-867-60-06	20-867-70-06	20-867-80-06
							Matt white	20-867-60-21	20-867-70-21	20-867-80-21
							Matt black	20-867-60-23	20-867-70-23	20-867-80-23
						43°	Matt chrome	20-867-61-06	20-867-71-06	20-867-81-06
							Matt white	20-867-61-21	20-867-71-21	20-867-81-21
							Matt black	20-867-61-23	20-867-71-23	20-867-81-23

Adapter: Page 156

AVIATION PRO

LED

AVIATION PRO recognisably leans on aeronautics in the design. With a luminous flux of up to 1,200 lumen and a brilliant light scene, the LED spotlight is recommended for professional use in property. Two rod lengths and light characteristics allow for a wide variety of planning options.

AVIATION PRO impresses with energy efficiency and outstanding thermal management.

Design: Böhler Design

AVIATION PRO

SMART CONTROL READY

LED INTEGRATED

FEATURES

Spotlight
Rotatable / swivelling

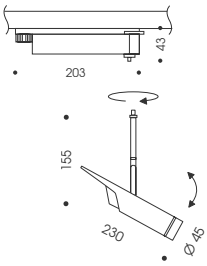
Lighting control and dimming
Compatible with DALI components for integration into building automation systems: Page 156, 199

Output data
24 V DC / LED / 1200 lm / 13.9 W / CRI >90 / Energy efficiency class: A+
Variants: 2700 K / 3000 K / 4000 K / 26° / 43°

Material
Aluminium

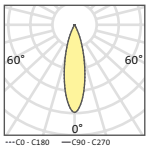
Weight
0.6 kg

TECHNICAL INFORMATION



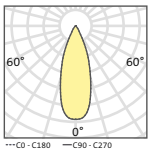
Order adapter separately

Light distribution



26°

h (m)	Ø (m)	Lux
1	0.48	5302
2	0.95	1325
3	1.40	589



43°

h (m)	Ø (m)	Lux
1	0.64	3086
2	1.30	772
3	1.90	343

COLOURS

Matt chrome

Matt white

Matt black

PRODUCT

Voltage	Type	lm	W	CRI	EEC	Angle	Colour	2700 K	3000 K	4000 K
24 V DC	LED	1200	13.9	>90	A+	26°	Matt chrome	20-875-30-06	20-875-40-06	20-875-50-06
							Matt white	20-875-30-21	20-875-40-21	20-875-50-21
							Matt black	20-875-30-23	20-875-40-23	20-875-50-23
						43°	Matt chrome	20-875-31-06	20-875-41-06	20-875-51-06
							Matt white	20-875-31-21	20-875-41-21	20-875-51-21
							Matt black	20-875-31-23	20-875-41-23	20-875-51-23

Adapter: Page 156

AVIATION

LED

The AVIATION LED spotlight is more delicate but just as elegant. With a luminous flux of 650 lumen, it is particularly suitable for use in private living areas. The high performance reflector is determined in-house for the particularly balanced light scene.

There are two rod lengths and light distribution characteristics to choose from for detailed lighting planning

Design: Böhler Design

AVIATION

SMART CONTROL READY

LED INTEGRATED

FEATURES

Spotlight
Rotatable / swivelling

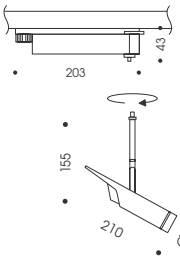
Lighting control and dimming
Compatible with DALI components for integration into building automation systems: Page 156, 199

Output data
24 V DC / LED / 650 lm / 8.4 W / CRI >90 / Energy efficiency class: A+
Variants: 2700 K / 3000 K / 23° / 41°

Material
Aluminium

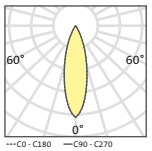
Weight
0.5 kg

TECHNICAL INFORMATION



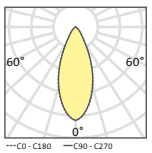
Order adapter separately

Light distribution



23°

h (m)	Ø (m)	Lux
1	0.51	2206
2	1.02	551
3	1.53	245



41°

h (m)	Ø (m)	Lux
1	0.77	1198
2	1.54	300
3	2.30	133

COLOURS

Matt chrome

Matt white

Matt black

PRODUCT

Voltage	Type	lm	W	CRI	EEC	Angle	Colour	2700 K	3000 K
24 V DC	LED	650	8.4	>90	A+	23°	Matt chrome	20-875-60-06	20-875-70-06
							Matt white	20-875-60-21	20-875-70-21
							Matt black	20-875-60-23	20-875-70-23
						41°	Matt chrome	20-875-61-06	20-875-71-06
							Matt white	20-875-61-21	20-875-71-21
							Matt black	20-875-61-23	20-875-71-23

Adapter: Page 156

RIDGE MAX

LED

A distinctive heat sink with cooling ribs around the circumference characterises the design of the highly efficient RIDGE MAX LED spotlight. The luminaire head, made from aluminium, surrounds the 1,100 lumen LED and is connected to the adapter by a joint which tilts and swivels. Design: OLIGO

SMART CONTROL READY

LED INTEGRATED

FEATURES

Spotlight
Rotatable / swivelling
High performance reflector

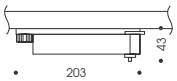
Lighting control and dimming
Compatible with DALI components for integration into building automation systems: Page 156, 199

Output data
24 V DC / LED / 1100 lm / 13.9 W / CRI >90 / Energy efficiency class: A+
Variants: 2700 K / 3000 K / 4000 K / 26° / 43°

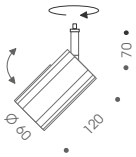
Material
Aluminium

Weight
0.5 kg

TECHNICAL INFORMATION

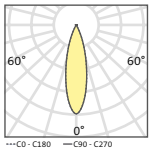


Order adapter separately



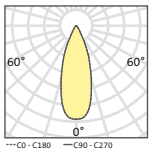
Light distribution

26°



h (m)	Ø (m)	Lux
1	0.48	5302
2	0.95	1325
3	1.40	589

43°



h (m)	Ø (m)	Lux
1	0.64	3086
2	1.30	772
3	1.90	343

COLOURS

Matt chrome / Matt chrome

Matt white / Matt white

Chrome / Matt black

PRODUCT

Voltage	Type	lm	W	CRI	Angle	Rod colour	Body colour	2700 K	3000 K	4000 K
24 V DC	LED	1100	13.9	>90	26°	Matt chrome	Matt chrome	20-881-51-06	20-881-61-06	20-881-71-06
						Matt white	Matt white	20-881-52-21	20-881-62-21	20-881-72-21
						Chrome	Matt white	20-881-50-21	20-881-60-21	20-881-70-21
						Matt black	Matt black	20-881-53-23	20-881-63-23	20-881-73-23
						Chrome	Matt black	20-881-50-23	20-881-60-23	20-881-70-23
					43°	Matt chrome	Matt chrome	20-881-55-06	20-881-65-06	20-881-75-06
						Matt white	Matt white	20-881-56-21	20-881-66-21	20-881-76-21
						Chrome	Matt white	20-881-54-21	20-881-64-21	20-881-74-21
						Matt black	Matt black	20-881-57-23	20-881-67-23	20-881-77-23
						Chrome	Matt black	20-881-54-23	20-881-64-23	20-881-74-23

Adapter: Page 156

RIDGE

LED

The RIDGE LED spotlight is a little more delicate than its big brother. Here too, the distinctive cooling fins characterise the unmistakeable design. With a luminous flux of 650 lumen, RIDGE is ideal for universal use in private living spaces, for example in studies, hallways or modern living and dining rooms. Design: OLIGO

SMART CONTROL READY

LED INTEGRATED

FEATURES

Spotlight
Rotatable / swivelling
High performance reflector

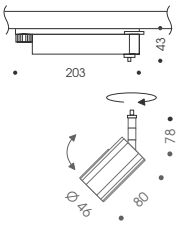
Lighting control and dimming
Compatible with DALI components for integration into building automation systems: Page 156, 199

Output data
24 V DC / LED / 650 lm / 8 W / 41° / CRI >90 / Energy efficiency class: A+
Variants: 2700 K / 3000 K

Material
Aluminium

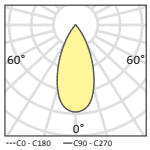
Weight
0.2 kg

TECHNICAL INFORMATION



Order adapter separately

Light distribution



41°

h (m)	Ø (m)	Lux
1	0.85	708
2	1.71	177
3	2.56	79

COLOURS

Matt chrome / Matt chrome

Matt white / Matt white

Chrome / Matt black

PRODUCT

Voltage	Type	lm	W	CRI	Angle	EEC	Rod colour	Body colour	2700 K	3000 K
24 V DC	LED	650	8	>90	41°	A+	Matt chrome	Matt chrome	20-889-21-06	20-889-31-06
							Matt white	Matt white	20-889-22-21	20-889-32-21
							Chrome	Matt white	20-889-20-21	20-889-30-21
							Matt chrome	Matt white	20-889-21-21	20-889-31-21
							Chrome	Matt black	20-889-20-23	20-889-30-23

Adapter: Page 156

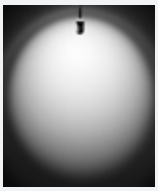
A LITTLE BIT MORE

LED

The A LITTLE BIT MORE LED spotlight offers outstanding lighting technology with individually definable light distribution characteristics. With a luminous flux of 1,100 and up to 4,000 kelvin, the spotlight is intended for use in shops and property.

The beam angle can be continuously adjusted between 20° an 60° using the focusable glass lens. For harmonious light distribution, the high quality lens body is finished separately with a micro texture on the inside. Design: OLIGO

A LITTLE BIT MORE



SMART CONTROL READY

LED INTEGRATED

FEATURES

Spotlight
Rotatable / swivelling
Beam angle continuously adjustable between 20° and 60°

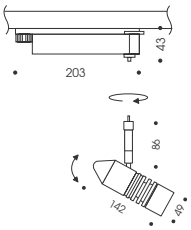
Lighting control and dimming
Compatible with DALI components for integration into building automation systems: Page 156, 199

Output data
24 V DC / LED / 1000 lm / 11 W / 20° – 60° / CRI >90 /
Energy efficiency class: A+
Variants: 2700 / 3000 / 4000 K

Material
Aluminium, glass lens

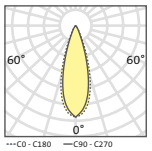
Weight
0.6 kg

TECHNICAL INFORMATION



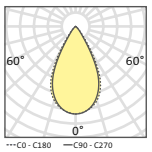
Order adapter separately

Light distribution



20°

h (m)	Ø (m)	Lux
1	0.62	2288
2	1.24	572
3	1.86	254



60°

h (m)	Ø (m)	Lux
1	1.09	1395
2	2.18	349
3	3.27	155

COLOURS

Chrome / Chrome

Matt chrome / Matt chrome

Matt white / Matt white

Chrome / Matt black

PRODUCT

Voltage	Type	lm	W	CRI	Angle	Rod colour	Body colour	2700 K	3000 K	4000 K
24 V DC	LED	1000	11	>90	20–60°	Chrome	Chrome	20-882-41-05	20-882-51-05	20-882-61-05
						Matt chrome	Matt chrome	20-882-42-06	20-882-52-06	20-882-62-06
						Chrome	Matt white	20-882-41-21	20-882-51-21	20-882-61-21
						Matt white	Matt white	20-882-43-21	20-882-53-21	20-882-63-21
						Chrome	Matt black	20-882-41-23	20-882-51-23	20-882-61-23
						Matt black	Matt black	20-882-40-23	20-882-50-23	20-882-60-23

Adapter: Page 156

A LITTLE BIT

LED

The A LITTLE BIT LED spotlight is slightly smaller in terms of size and light output, but just as variable when it comes to the light scene. Like its big brother, A LITTLE BIT also has efficient LED lighting technology. The width of the cone of light can be continuously adjusted between 20° and 60°.

Different rod lengths allow for different distances from the ceiling. A system pendant luminaire matching this spotlight design is also available.

Design: OLIGO

A LITTLE BIT

SMART CONTROL READY

LED INTEGRATED

FEATURES

Spotlight
Rotatable / swivelling
Stange 60 oder 140 mm
Beam angle continuously adjustable between 20° and 60°

Lighting control and dimming
Compatible with DALI components for integration into building automation systems: Page 156, 199

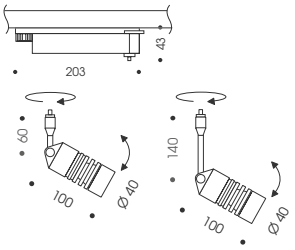
Output data
24 V DC / LED / 650 lm / 8 W / 20° – 60° / CRI >90 /
Energy efficiency class: A+
Variants: 2700 K / 3000 K

Material
Aluminium, glass lens

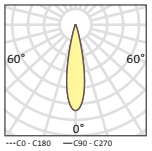
Weight
0.3 kg

TECHNICAL INFORMATION

Order adapter separately

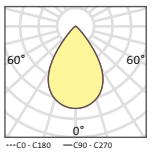


Light distribution



20°

h (m)	Ø (m)	Lux
1	0.39	1667
2	0.78	417
3	1.17	185



60°

h (m)	Ø (m)	Lux
1	1.36	468
2	2.72	117
3	4.08	52

COLOURS AND MODELS

Chrome / 60 mm

Matt chrome / 60 mm

Chrome / 140 mm

Matt chrome / 140 mm

PRODUCT

Voltage	Type	lm	W	CRI	Angle	Rod length	Rod colour	Body colour	2700 K	3000 K
24 V DC	LED	650	8	>90	20–60°	60 mm	Chrome	Chrome	20-898-40-05	20-898-50-05
							Matt chrome	Matt chrome	20-898-40-06	20-898-50-06
						140 mm	Chrome	Chrome	20-898-41-05	20-898-51-05
							Matt chrome	Matt chrome	20-898-41-06	20-898-51-06

Adapter: Page 156

HUBBLE

LED

The HUBBLE LED spotlight is a suitable inspiration if high quality materials and an elegant appearance are required. The rotatable and swivelling spotlight can also be aligned as a downlight in a harmonious extension of its blade. The beam angle can be set as desired between 20° and 50° thanks to the manually adjustable focus.

HUBBLE is available with light colours of 2,700 or 3,000 kelvin and is suitable for use in living space and property.

Design: Böhler Design

FEATURES

Spotlight
Rotatable / swivelling
Beam angle continuously adjustable between 20° and 50°

Lighting control and dimming
Compatible with DALI components for integration into building automation systems: Page 156, 199

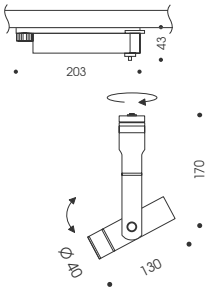
Output data
24 V DC / LED / 600 lm / 10,5 W / 20° – 50° / CRI >90 /
Energy efficiency class: A / Variants: 2700 K / 3000 K

Material
Aluminium, glass lens

Weight
0.8 kg

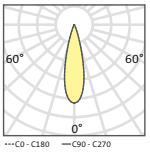
TECHNICAL INFORMATION

Order adapter separately



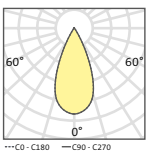
Light distribution

20°



h (m)	Ø (m)	Lux
1	0.47	1680
2	0.93	420
3	1.40	187

50°



h (m)	Ø (m)	Lux
1	0.83	926
2	1,67	232
3	2.50	103

SMART CONTROL READY

LED INTEGRATED

COLOURS

Matt chrome

Matt white

Matt black

PRODUCT

Voltage	Type	lm	W	CRI	Angle	EEC	Colour	2700 K	3000 K
24 V DC	LED	600	10,5	>90	20–50°	A	Matt chrome	20-872-20-06	20-872-30-06
							Matt white	20-872-20-21	20-872-30-21
							Matt black	20-872-20-23	20-872-30-23

Adapter: Page 156

KELVEEN

LED

A striking feature of KELVEEN is the high quality glass lens which is available with two beam angles as a spotlight (40°) or floodlight (90°). In combination with the freely movable luminaire head, KELVEEN can be individually adjusted to suit the actual lighting requirements. The lighting effect can be creatively expanded using dichroic filters which can be inserted.

Design: OLIGO

SMART CONTROL READY

LED INTEGRATED

FEATURES

Spotlight
Rotatable / swivelling

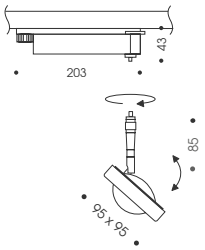
Lighting control and dimming
Compatible with DALI components for integration into building automation systems: Page 156, 199

Output data
24 V DC / LED / 1000 lm / 12,5 W / CRI >90 / Energy efficiency class: A+
Variants: 2700 K / 3000 K / 40° / 90°

Material
Thermoplast, Aluminium, glass lens

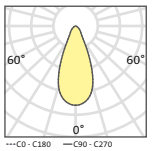
Weight
0.4 kg

TECHNICAL INFORMATION



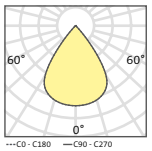
Order adapter separately

Light distribution



40°

h (m)	Ø (m)	Lux
1	0.82	803
2	1.63	201
3	2.45	89



90°

h (m)	Ø (m)	Lux
1	1,43	490
2	2,86	122
3	4,30	54

ACCESSORIES

Type	Size (mm)	Colour	Item number
Dichroic filter	Ø 50	Red	62-222-10-24
		Yellow	62-222-10-33
		Green	62-222-10-35
		Blue	62-222-10-37
		Magenta	62-222-10-46

COLOURS

Matt chrome

Matt white

Matt black

PRODUCT

Voltage	Type	lm	W	CRI	EEC	Angle	Colour	2700 K	3000 K
24 V DC	LED	1000	12,5	>90	A+	40°	Matt chrome	20-869-20-06	20-869-30-06
							Matt white	20-869-20-21	20-869-30-21
							Matt black	20-869-20-23	20-869-30-23
						90°	Matt chrome	20-869-21-06	20-869-31-06
							Matt white	20-869-21-21	20-869-31-21
							Matt black	20-869-21-23	20-869-31-23

Adapter: Page 156

VERSION B

LED novelty

The powerful LED spotlight has a discreet design and does not require separate operating equipment. It can be used in retail shops and industrial spaces, as well as at artistic and cultural venues. The model is available in two output levels, each of which has two beam angles.

LED
INTEGRATED

FEATURES

Spotlight
Rotatable / swivelling
Protective glass cover
Non-dimmable
Trade item

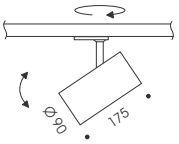
Output data
230 V / 50 Hz / LED / 3000 K / CRI 95
Energy efficiency class: A++

Variants:
28 W / 24° / 2270 lm
28 W / 37° / 2235 lm
35 W / 24° / 2955 lm
35 W / 40° / 2900 lm

Material
Metal, glass

Weight
1.2 kg

TECHNICAL INFORMATION



Integrated adapter

COLOURS

Matt chrome

Matt white

PRODUCT

Voltage	Type	K	lm	W	CRI	EEC	Angle	Colour	Item number
230 V	LED	3000	2270	28	95	A++	24°	Matt chrome	32-854-10-06
								Matt white	32-854-10-21
			2235				37°	Matt chrome	32-854-11-06
								Matt white	32-854-11-21
230 V	LED	3000	2955	35	95	A++	24°	Matt chrome	32-854-20-06
								Matt white	32-854-20-21
			2900				40°	Matt chrome	32-854-21-06
								Matt white	32-854-21-21

TWIN LANE

TWIN LANE

Circular shapes and a symmetrical base structure define the design of the TWIN LANE spotlight. The spotlight heads are gimbal-mounted so that almost any point in the room can be lit. Alongside the modest shapes, the luminaire offers high operational reliability since the thermal separation between the luminaire head and the upstream transformer has been taken into account in a separate housing. TWIN LANE is suitable for the use of LED retrofits and fulfils the current requirements for an energy-saving lighting solution.

Design: OLIGO

LED READY

Retrofit lamp

FEATURES

Spotlight
Rotatable / gimbal mounted heads

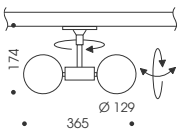
Output data
230 V / 50-60 Hz / 12 V / G 53 / QR-LP 111 / max. 2x 35 W
Electronic transformer
Energy efficiency class: A to C

230 V / GZ 10 / QPAR 111 / max. 2x 75 W / LED ready
Energy efficiency class: A++ to E

Material
Aluminium

Weight
0.8 kg

TECHNICAL INFORMATION



Integrated adapter

COLOURS

Matt chrome

Matt white

PRODUCT

Luminiare

Socket	Suitable for	Colour	Item number
G 53	12 V halogen	Matt chrome	32-866-20-06
		Matt white	32-866-21-21
GZ 10	230 V retrofit or halogen	Matt chrome	32-866-10-06
		Matt white	32-866-11-21

Lamps from page 415

LEVEL

Balanced proportions and gimbal-mounted luminaire heads characterise the design of the LEVEL spotlights. They can move freely and can be positioned individually. The spotlight is suitable for the use of LED retrofits and fulfils the current requirements for an energy-saving lighting solution.

Design: Ralf Keferstein

LED READY

Retrofit lamp

FEATURES

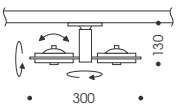
Spotlight
Rotatable / gimbal mounted heads

Output data
230 V / GZ 10 / QPAR 111 /
max. 2x 75 W / LED ready
Energy efficiency class: A++ to E

Material
Aluminium

Weight
0.5 kg

TECHNICAL INFORMATION



Integrated adapter

COLOURS

Matt chrome

Matt white

PRODUCT

Luminiare

Socket	Suitable for	Colour	Item number
GZ 10	Retrofit or halogen	Matt chrome	32-905-22-06
		Matt white	32-905-23-21

Lamps from page 417

ICE

ICE

The rotatable and swivelling luminaire head of the ICE spotlight allows for precise lighting of a wide variety of objects and surfaces, even from large distances. ICE is suitable for the use of halogen and LED retrofit lamps and fulfils the current requirements for an energy-saving lighting solution.

Design: Ralf Keferstein

LED READY

Retrofit lamp

FEATURES

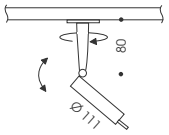
Spotlight
Rotatable / swivelling

Output data
230 V / GZ 10 / QPAR 111
max. 75 W / LED ready
Energy efficiency class: A++ to E

Material
Aluminium

Weight
0.4 kg

TECHNICAL INFORMATION



Integrated adapter

COLOURS

Matt chrome

Matt white

PRODUCT

Socket	Suitable for	Adapter colour	Body colour	Item number
GZ 10	Retrofit or halogen	Matt chrome	Matt chrome	32-916-10-06
		Matt white	Matt white	32-916-11-21

Lamps from page 417

GATE B SEVEN

GATE B SEVEN

Compact dimensions in a technical and elegant design have made GATE B SEVEN a timeless classic in private and commercial halogen lighting in many countries. The spotlight is also suitable for the use of LED retrofits. The shape and light scene can be varied using decorative rings and other accessories.

Design: Ralf Keferstein

LED READY

Retrofit lamp

FEATURES

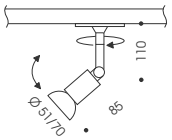
Spotlight
Rotatable / swivelling

Output data
230 V / GZ 10 / QPAR 51/64
max. 50/75 W / LED ready
Energy efficiency class: A++ to E

Material
Aluminium

Weight
0.2 kg

TECHNICAL INFORMATION



Integrated adapter

ACCESSORIES

Decorative ring R 2

Shade S 2

PRODUCT

Socket	Suitable for	Adapter colour	Body colour	Item number
GZ 10	Retrofit or halogen	Matt chrome	Matt chrome	32-973-10-06
		Matt white	Matt chrome	32-973-11-06

Lamps from page 417, Accessories from page 420

HIGH STREAM 16 / GRACE

HIGH STREAM 16

The design of the HIGH STREAM 16 looks both dynamic and elegant. The elaborately manufactured luminaire head made from aluminium surrounds the halogen lamp and gives the luminaire an aesthetic design. Fine surfaces in bright chrome or matt chrome round out the optical merits of HIGH STREAM 16. There is a subtle spike on the underside which can be used to adjust the luminaire, even during use.

Design: Ralf Keferstein

LED READY

FEATURES

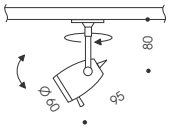
Spotlight
Rotatable / swivelling

Output data
230 V / GU 10 / QPAR 51 max. 50 W
"Cool beam" lamps not permissible
Energy efficiency class: A++ to E

Material
Aluminium

Weight
0.2 kg

TECHNICAL INFORMATION



Integrated adapter

Retrofit lamp
Lamp length of ≤52 mm recommended

PRODUCT

Socket	Suitable for	Colour	Item number
GZ 10	Retrofit or halogen	Matt chrome	32-968-10-06

Lamps from page 417

GATE B FOUR

GATE B FOUR

Whether with or without glass accessories – the GATE B FOUR spotlight cuts a fine figure in any model. Three different, hand-blown glasses are available, among other things, shaping the light scene and design. The variant with the GZ 10 setting is also suitable for the use of LED retrofits. The appearance and light scene can be varied using decorative rings and other accessories, available separately.

Design: Ralf Keferstein

LED READY ECO READY

FEATURES

Spotlight
Rotatable / swivelling

Output data
230 V / G 9 / QT-14
max. 75 W / LED ready / ECO ready
Energy efficiency class: A++ to E

230 V / GZ 10 / QPAR 51/64
max. 50 / 75 W / LED ready
Energy efficiency class: A++ to E

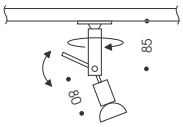
Material
Aluminium, hand-blown glass

Weight
Luminiare: 0.2 kg
Glass shade: 0.5 kg

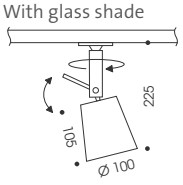
TECHNICAL INFORMATION

Integrated adapter

Without accessories (GZ 10 only)



With glass shade



ACCESSORIES

Matt white glass shade

Champagne glass shade

Transparent glass shade

PRODUCT

Luminiare

Socket	Suitable for	Adapter colour	Body colour	Item number
G 9	Retrofit or halogen	Matt chrome	Matt chrome	32-904-20-06
		Matt white	Matt chrome	32-904-21-06
GZ 10	Retrofit or halogen	Matt chrome	Matt chrome	32-904-10-06
		Matt white	Matt chrome	32-904-11-06

Lamps from page 417, Accessories from page 420

PRODUCT

Accessory: Satin finished glass shade, G 9 socket compatible

Colour	Item number
Matt white	94-904-10-21
Champagne	94-904-10-42

Accessory: Transparent glass shade, GZ 10 socket compatible

Colour	Item number
Transparent	94-904-10-01

MX-HIGH

The rotatable and swivelling head of the MX-HIGH spotlight is characterised by a stainless steel bracket on the back. The slim body remains visually inconspicuous in the background and, in return, provides effective accent lighting for materials and objects. MX-HIGH is suitable for the use of LED retrofits and fulfils the current requirements for an energy-saving lighting solution. The shape and light scene can be varied using decorative rings and other accessories, available separately.

Design: Ralf Keferstein

LED READY

FEATURES

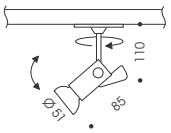
Spotlight
Rotatable / swivelling

Output data
230 V / GZ 10 / QPAR 51 max. 50 W / LED ready
Energy efficiency class: A++ to E

Material
Aluminium

Weight
0.4 kg

TECHNICAL INFORMATION



Integrated adapter

ACCESSORIES

Decorative ring R 2

Shade S 2

Shade Ø 100 mm

PRODUCT

Luminaire

Socket	Suitable for	Adapter colour	Body colour	Item number
GZ 10	Retrofit or halogen	Matt chrome	Matt chrome	32-958-10-06
		Matt white	Matt chrome	32-958-20-06

Lamps from page 417, Accessories from page 420

PRODUCT

Accessory: Ø 100 mm shade

Material	Colour	Item number
Metal	Matt chrome	62-214-10-06
Glas	Matt white	62-214-10-21

41 DEGREES

LED

41 DEGREES is an extraordinary room light which redefines the design of light sources for extensive room lighting. It stands out with its clear, geometric shape. The flat luminaire body rests weightlessly as a concentric circular ring in the room. Its soft, warm white silhouette from the inner surface of the ring disseminates a pleasantly cosy lighting mood.

Design: Ottenwälder and Ottenwälder

SMART CONTROL READY

LED INTEGRATED

FEATURES

Ambient light
Rotatable / swivelling

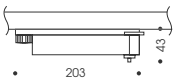
Lighting control and dimming
Compatible with DALI components for integration into building automation systems: Page 156, 199

Output data
24 V DC / LED / 600 lm / 11 W / CRI >85 / Energy efficiency class: A
Variants: 2700 K / 3000 K

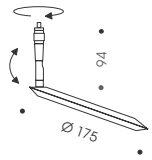
Material
Aluminium

Weight
0.3 kg

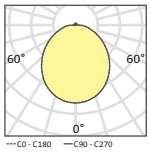
TECHNICAL INFORMATION



Order adapter separately



Light distribution



COLOURS

Matt chrome

Matt white

Matt black

PRODUCT

Voltage	Type	lm	W	CRI	EEC	Colour	2700 K	3000 K
24 V DC	LED	600	11	>85	A	Matt chrome	20-871-10-06	20-871-11-06
						Matt white	20-871-10-21	20-871-11-21
						Matt black	20-871-10-23	20-871-11-23

Adapter: Page 156

FLAVIA

LED

Like a suspended work of art made of light, FLAVIA magically draws the eye. Thanks to the optionally open or closed prismatic lens, the actual light source remains invisible and the result is the impression of a glowing forest of leaves. With light colours of 2,700 and 3,000 kelvin, the delicate FLAVIA can be used both in private living space and in property.

Design: Ottenwälder and Ottenwälder

PRODUCT

Open prismatic lens

Type	lm	W	K	Body colour	Item number
LED	150	4.8	2700	Matt chrome	20-870-10-06
				Matt white	20-870-10-21
				Matt black	20-870-10-23
LED	150	4.8	3000	Matt chrome	20-870-12-06
				Matt white	20-870-12-21
				Matt black	20-870-12-23

Adapter: Page 156

PRODUCT

Closed prismatic lens

Type	lm	W	K	Body colour	Item number
LED	200	4.8	2700	Matt chrome	20-870-11-06
				Matt white	20-870-11-21
				Matt black	20-870-11-23
LED	200	4.8	3000	Matt chrome	20-870-13-06
				Matt white	20-870-13-21
				Matt black	20-870-13-23

Adapter: Page 156

LED
INTEGRATED

FEATURES

Ambient light
Rotatable / swivelling

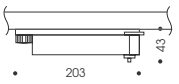
Lighting control and dimming
Non-dimmable

Output data
24 V DC / LED / 100-200 lm / 4.8 W / CRI >80
Energy efficiency class: A
Variants: 2700 K / 3000 K / Open prismatic lens / closed prismatic lens / translucent prismatic lens

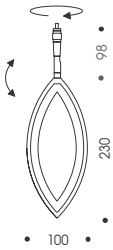
Material
Aluminium

Weight
0.2 kg

TECHNICAL INFORMATION

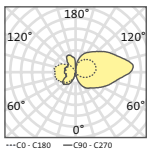


Order adapter separately

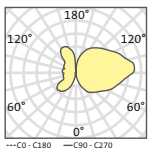


Light distribution

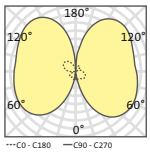
open



closed



translucent



PRODUCT

Translucent prismatic lens

Type	lm	W	K	Body colour	Item number
LED	100	4.8	2700	Matt chrome	20-870-18-06
				Matt white	20-870-18-21
				Matt black	20-870-18-23
LED	100	4.8	3000	Matt chrome	20-870-19-06
				Matt white	20-870-19-21
				Matt black	20-870-19-23

Adapter: Page 156

COLOURS

Matt chrome

Matt white

Matt black

HIGH FLIGHT

HIGH FLIGHT

The HIGH FLIGHT luminaire is both a decorative lighting element and a room light with a fascinating light scene. The temperature-resistant dissipative film ensures soft and homogeneous general lighting. Today, HIGH FLIGHT is one of the best tested room lights for private and commercial lighting solutions.

Design: Ralf Keferstein

ECO READY

FEATURES

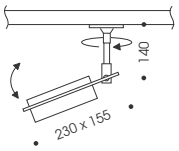
Ambient light
Rotatable / swivelling

Output data
230 V / B15d / QT 18 max. 100 W / ECO ready
Energy efficiency class: A+ to D

Material
Aluminium, temperature-resistant film

Weight
0.5 kg

TECHNICAL INFORMATION

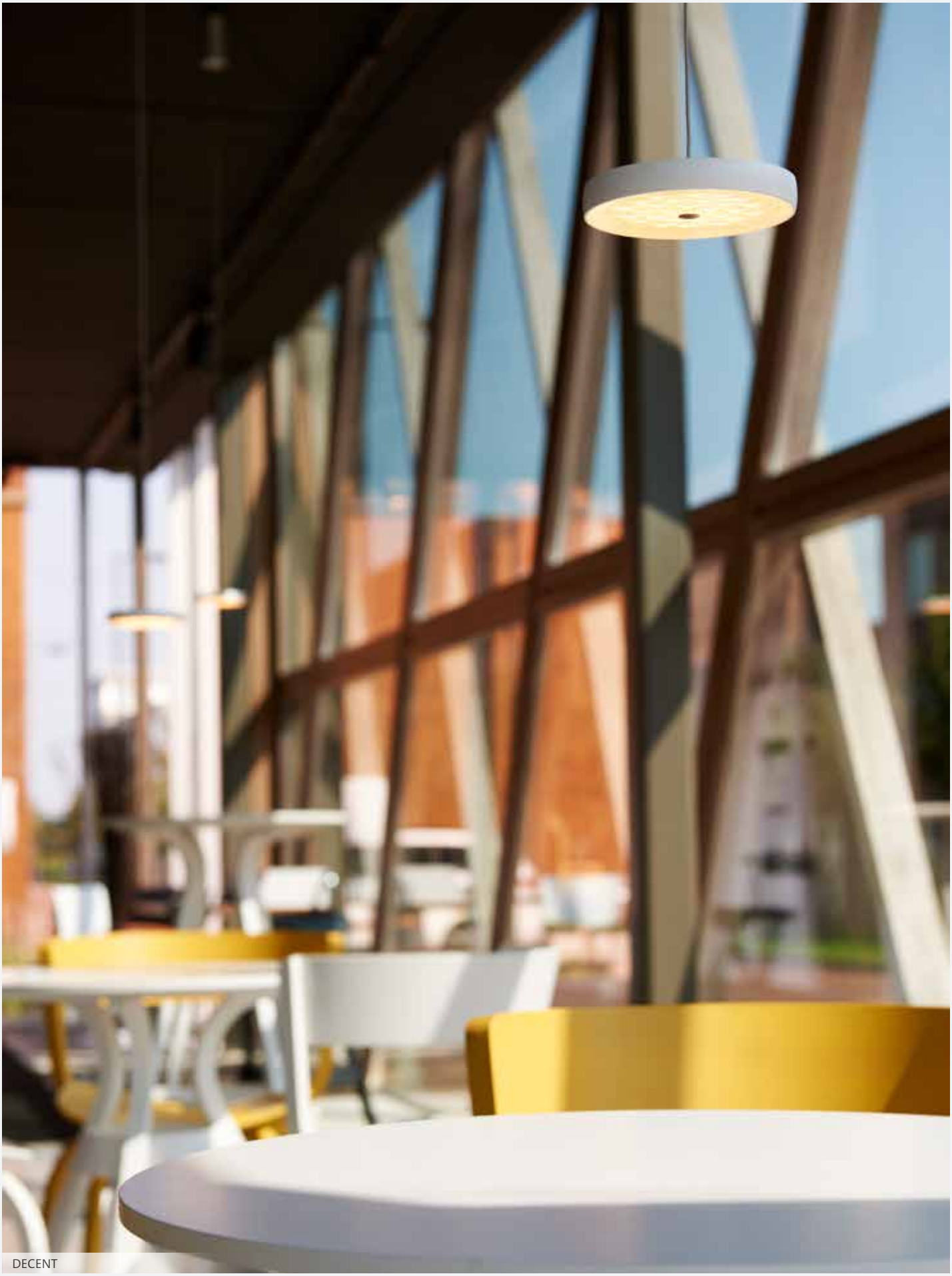


Integrated adapter

PRODUCT

Socket	Suitable for	Adapter colour	Body colour	Item number
B15d	230 V halogen	Matt chrome	Matt chrome	32-969-10-06
		Matt white	Matt chrome	32-969-11-06

Lamps from page 418



DECENT

DECENT

LED

DECENT is a flat, subtle LED pendant luminaire in the form of a disc. The evenly flat light radiating downwards is perfectly suited to lighting dining tables or counters. DECENT is controlled touchlessly. A memory function stores the last brightness value selected.

If the luminaire is integrated into a DALI application then the digital lighting control replaces the individual lighting control via gesture.

Design: OLIGO

GESTURE CONTROL · SMART CONTROL READY · LED INTEGRATED

FEATURES

Pendant luminaire
Please provide information on the desired total length; length cannot be shortened at the installation site

Lighting control and dimming
Compatible with DALI components for integration into building automation systems: Page 156, 199

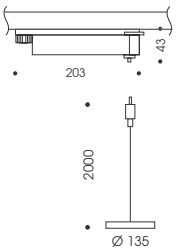
Gesture control
Memory function: Last light brightness value used is saved

Output data
24 V DC / LED / 750 lm / 8.7 W / CRI >80 / Energy efficiency class: A+
Variants: 2700 K / 3000 K

Material
Metal, acrylic glass

Weight
0.5 kg

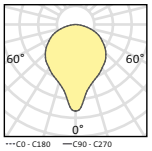
TECHNICAL INFORMATION



Order adapter separately

Special length
Suspension cable up to 5 m available upon request.

Light distribution



h (m)	Ø (m)	Lux
1	2.00	353
2	3.90	88
3	5.90	39

COLOURS

Chrome

Brushed aluminium

Matt white

PRODUCT

Voltage	Type	lm	W	CRI	Angle	EEC
24 V DC	LED	750	8.7	>80	89°	A+

Colour	2700 K	3000 K
Chrome	G20-885-10-05	G20-885-11-05
Brushed aluminium	G20-885-10-12	G20-885-11-12
Matt white	G20-885-10-21	G20-885-11-21

Adapter: Page 156

A LITTLE BIT

A LITTLE BIT

LED

The A LITTLE BIT pendant luminaire offers a highly flexible lighting solution. The elegant luminaire head made from aluminium integrates a lens which can be focused between 20° and 60°. Elegant surfaces made from polished or matt aluminium round out the luminaire profile of A LITTLE BIT. For harmonious light distribution, the high quality lens body has been finished separately with a texture on the inside. The pendant luminaire design is also available as a spotlight for track installation.

Design: OLIGO

DIMMER SWITCH · SMART CONTROL READY · LED INTEGRATED

FEATURES

Pendant luminaire
Please provide information on the desired total length; length cannot be shortened at the installation site
Beam angle continuously adjustable between 20° and 60°

Lighting control and dimming
Compatible with DALI components for integration into building automation systems: Page 156, 199

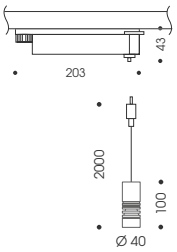
Dimmer switch
Memory function: Last light brightness value used is saved

Output data
24 V DC / LED / 650 lm / 8 W / 20° – 60° / CRI >90 /
Energy efficiency class: A+
Variants: 2700 K / 3000 K

Material
Aluminium, glass lens

Weight
0.2 kg

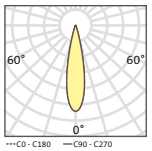
TECHNICAL INFORMATION



Order adapter separately

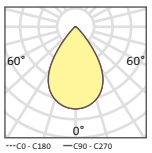
Special length
Suspension cable up to 5 m available upon request.

Light distribution



20°

h (m)	Ø (m)	Lux
1	0.39	1667
2	0.78	417
3	1.17	185



60°

h (m)	Ø (m)	Lux
1	1.36	468
2	2.72	117
3	4.08	52

COLOURS

Chrome

Matt chrome

PRODUCT

Voltage	Type	lm	W	CRI	Angle	EEC	Colour	2700 K	3000 K
24 V DC	LED	650	8	>90	20–60°	A+	Chrome	20-898-20-05	20-898-30-05
							Matt chrome	20-898-20-06	20-898-30-06

Adapter: Page 156

GRACE

GRACE

LED novelty

The timeless GRACE luminaire is considered to be one of the classic decorative pendant luminaires worldwide. The luminaire is ideal for setting the scene at tables and counters. The two lenticular, satin finished shades ensure even, glare-free illumination.

If the luminaire is integrated into a DALI application then the digital lighting control replaces the individual lighting control via gesture.

Design: Ralf Keferstein

GESTURE CONTROL | SMART CONTROL READY | LED INTEGRATED

FEATURES

Pendant luminaire
Please provide information on the desired total length; length cannot be shortened at the installation site

Lighting control and dimming
Compatible with DALI components for integration into building automation systems: Page 156, 199

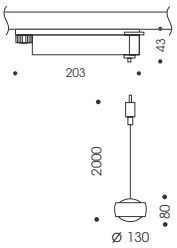
Gesture control
Memory function: Last light brightness value used is saved

Output data
24 V DC / LED / 2700 K / 1300 lm / 18 W / CRI >80
Energy efficiency class A+

Material
Metal, glass

Weight
0.8 kg

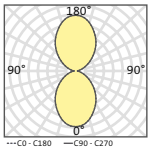
TECHNICAL INFORMATION



Order adapter separately

Special length
Suspension cable up to 5 m available upon request.

Light distribution



h (m)	Ø (m)	Lux
1	1.90	296
2	3.80	74
3	5.70	33

COLOURS

Chrome | Brushed aluminium | Bright white | Satin copper | Brazilian brown | Espresso | Purple grey

PRODUCT

Voltage	Type	lm	K	W	CRI	EEC	Head colour	Item number
24 V DC	LED	1300	2700	18	>80	A+	Chrome	G20-931-40-05
							Brushed aluminium	G20-931-40-12
							Bright white	G20-931-40-20
							Satin copper	G20-931-40-15
							Brazilian brown	G20-931-40-41
							Espresso	G20-931-40-48
							Purple grey	G20-931-40-49

Adapter: Page 156

GRACE

GRACE

G 9 socket

Timeless GRACE numbers among the classics of decorative pendant luminaires worldwide. It is ideal for setting the scene at tables or counters. The two lenticular, satin finished shades are surrounded by a luminaire head made from aluminium and ensure even, glare-free illumination. The surfaces in brushed aluminium completely round out the elegant GRACE profile.

Design: Ralf Keferstein

LED READY ECO READY

FEATURES

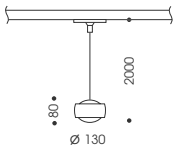
Pendant luminaire
Can be shortened

Output data
230 V / G 9 / QT 14 max. 75 W / LED ready
Energy efficiency class: A++ to E

Material
Aluminium, satin finished glass shades

Weight
0.8 kg

TECHNICAL INFORMATION



Integrated adapter

Special length
Suspension cable up to 5 m available upon request.

Installation
The lamp can be changed without any tools.

PRODUCT

Socket	Suitable for	Adapter colour	Shade colour	Item number
G 9	Retrofit or halogen	Matt chrome	Brushed alum.	32-931-10-12
		Matt white	Brushed alum.	32-931-11-12

Lamps from page 417

PULL-IT

PLANUNG / FOTO: ART4LIGHT

PULL-IT 3

The attractive glass shade in combination with the distinctive metal cylinder characterises the PULL-IT 3 pendant luminaire and gives it a unique appearance. The hand-blown glass diffuser directs the light onto the table and at the same time provides pleasant general lighting in the room. In the model with transparent glass shade, the reflector insert directs all of the light onto the table top.

Design: Ralf Keferstein

LED READY ECO READY

FEATURES

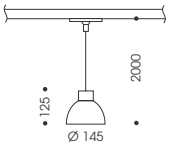
Pendant luminaire
Can be shortened

Output data
230 V / G 9 / QT 14 max. 60 W / LED ready
Energy efficiency class: A++ to E

Material
Metal, hand-blown glass

Weight
0.8 kg

TECHNICAL INFORMATION



Integrated adapter

Special length
Suspension cable up to 5 m available upon request.

COLOURS

Transparent

Matt white

PRODUCT

Socket	Suitable for	Adapter colour	Shade colour	Item number
G 9	Retrofit or halogen	Matt chrome	Transparent	32-952-10-06/01
		Matt chrome	Matt white	32-952-10-06/21

Lamps from page 417

DONATA

DONATA

A conically shaped shade made from satin finished glass defines the restrained design of the DONATA pendant luminaire. It reflects the light and ensures even lighting in the room. DONATA is suitable for the use of energy-efficient high-voltage halogen lamps.

Design: Ralf Keferstein

LED READY ECO READY

FEATURES

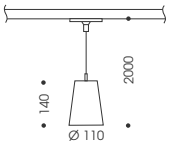
Pendant luminaire
Can be shortened

Output data
230 V / G 9 / QT-14 max. 75 W / LED ready
Energy efficiency class: A++ to E

Material
Aluminium, borosilicate glass

Weight
0.5 kg

TECHNICAL INFORMATION



Integrated adapter

Special length
Suspension cable up to 5 m available upon request.

COLOURS

Matt white

Champagne

PRODUCT

Socket	Suitable for	Adapter colour	Shade colour	Item number
G 9	Retrofit or halogen	Matt chrome	Matt white	32-909-20-06/21
			Champagne	32-909-20-06/42

Lamps from page 417

LUMINAIRE ADAPTER

for SMART.POINT 24 V luminaires / DALI control

The luminaire adapter with integrated switching power supply allows for the integration of three-pole point luminaires from the OLIGO SMART.POINT system into the PHASE track system. In this manner, it is possible to benefit from the lighting technology benefits of the LED-based 24 volt technology in Eutrac track systems operated with mains voltage.

Additionally, an adapter with DALI converter is also available for integration into a centrally controllable lighting system.

FEATURES

System adapter
For integration of 24 V SMART.POINT luminaires into the PHASE track system and other Eutrac systems based on 230 V

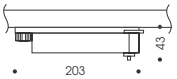
Lighting control and dimming
Optionally with DALI converter for integration into building automation systems

Output data
230 V / 50-60 Hz / 24 V DC / 30 VA Switching power supply

Material
Plastic

Weight
0.3 kg

TECHNICAL INFORMATION



EXAMPLES OF 24 V POINT LUMINAIRES, DC

NEWTON
Page 105

A LITTLE BIT MORE
Page 112

41 DEGREES
Page 116

DECENT
Page 120

PRODUCT
24 V adapter, non-dimmable

Type	Colour	Item number
30 VA	Matt chrome	33-624-10-06
	Matt white	33-624-10-21
	Matt black	33-624-10-23

PRODUCT
24 V adapter with DALI converter

Type	Colour	Item number
30 VA	Matt chrome	D33-624-10-06
	Matt white	D33-624-10-21
	Matt black	D33-624-10-23

PHASE-IN

Luminaire adapter for 12 V point luminaires

PHASE-IN is an unobtrusive adapter with integrated transformer and socket for 12 V PLUG-IN luminaires. With the adapter, all point luminaires can be integrated into the PHASE track system. On the one hand, this opens up additional design versatility, and on the other hand the lighting technology benefits of the 12 V luminaires can be used with the mains voltage operated PHASE.

FEATURES

System adapter
For integration of 12 V PLUG-IN luminaires into the PHASE track system and other Eutrac systems based on 230 V

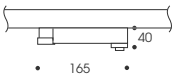
Lighting control and dimming
Compatible with “Type C” dimmers

Output data
230 V / 50-60 Hz / 12 V / 20-60 VA
Electronic transformer
Permissible secondary side cable length <2 m

Material
Plastic

Weight
0.2 kg

TECHNICAL INFORMATION



EXAMPLES OF 12 V POINT LUMINAIRES, AC

LP 111
Page 337

CHARLES
Page 347

BALINO
Page 351

COCO
Page 363

PRODUCT

Type	Colour	Item number
20-60 VA	Matt chrome	33-621-10-06
	Matt white	33-621-10-21

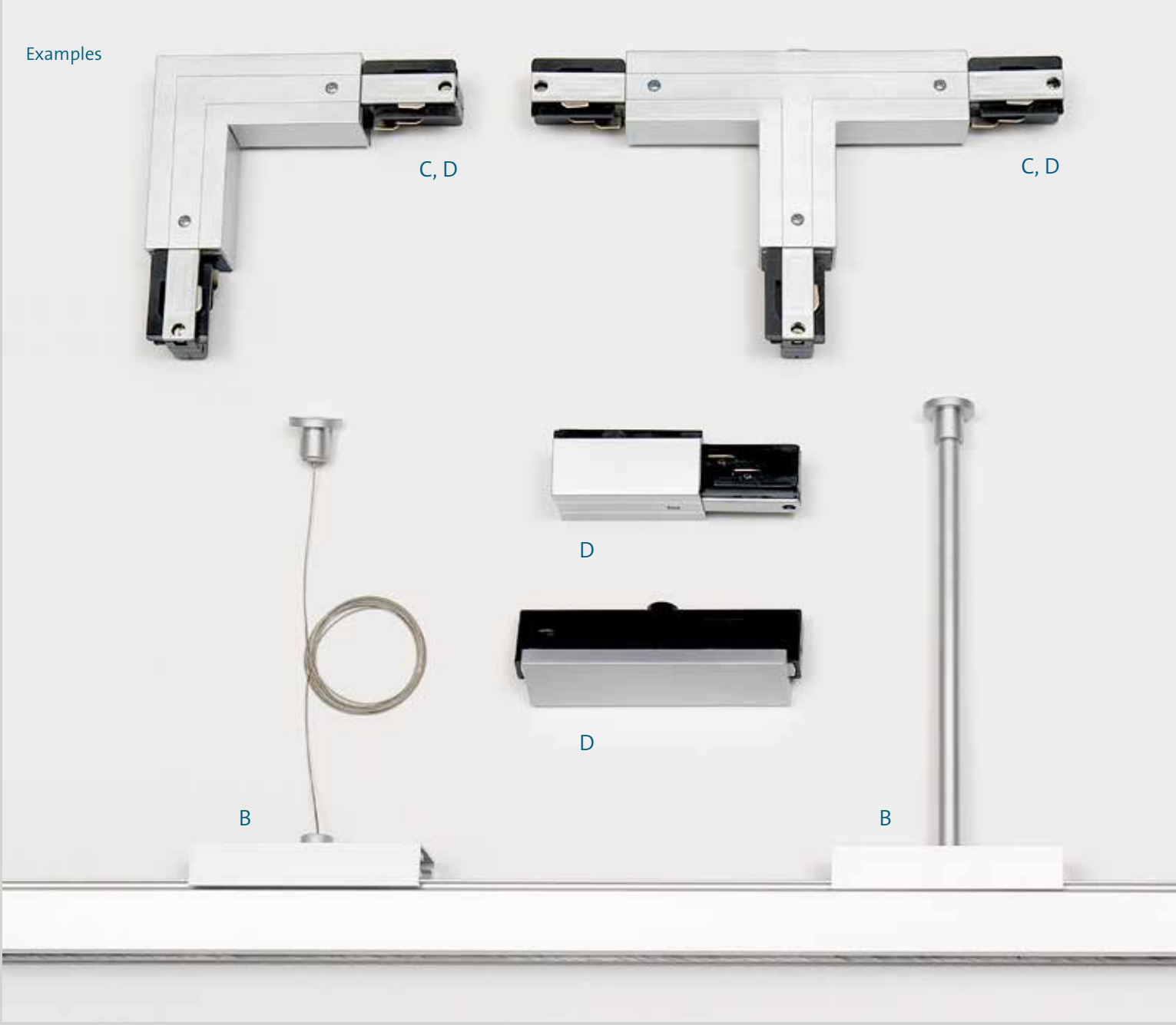
PHASE
SYSTEM COMPONENTS

230 V / 1x max. 16 A / 400 V / 3x max. 16 A / protection class 1

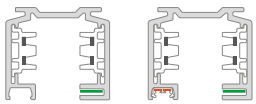
The components in a track system vary according to the situation in which it is used and the customer's individual requirements. A functional system always consists of certain base components.

The following checklist facilitates checking the completeness of the system and serves as a guideline for choosing the right components.

Examples



PROFILE SECTION



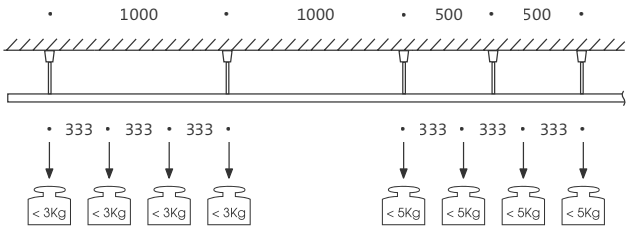
SYSTEM COLOURS

- Matt white
- Matt chrome

BASE COMPONENT CHECKLIST

- A Track
- B Support / suspension
- C Connector
- D Power supply
- E End caps

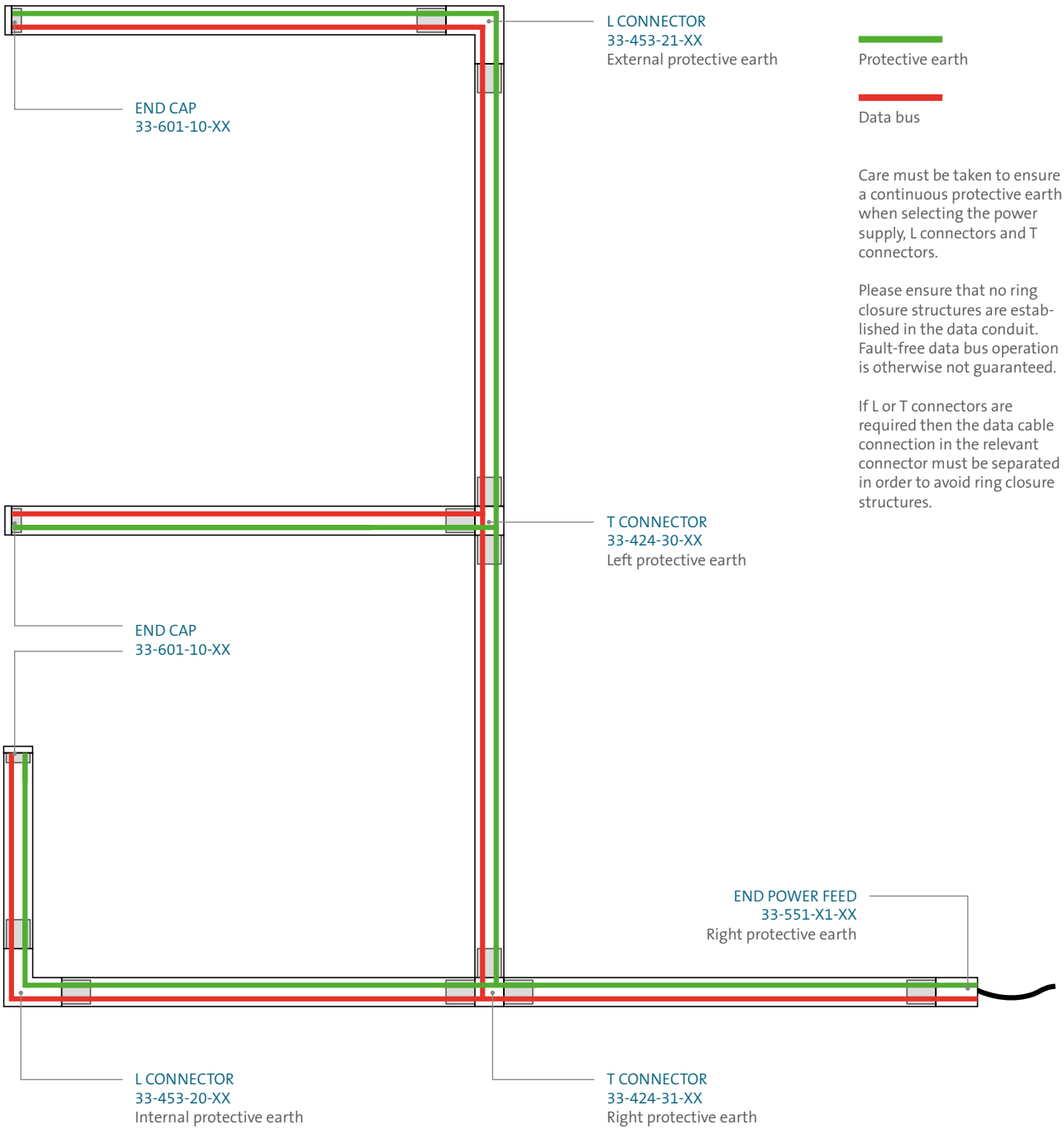
DISTANCES AND WEIGHTS



SENTRY

PHASE
INSTALLATION EXAMPLE WITH DATA BUS

Data cable for safety extra-low voltage only (SELV) ~ max: 50V 2A



Care must be taken to ensure a continuous protective earth when selecting the power supply, L connectors and T connectors.

Please ensure that no ring closure structures are established in the data conduit. Fault-free data bus operation is otherwise not guaranteed.

If L or T connectors are required then the data cable connection in the relevant connector must be separated in order to avoid ring closure structures.

1. TRACK

3-PHASE BUSBAR, 230 V

36 x 32 mm / 2.5 mm²
Can be shortened

More track colours upon request
When planning a DALI installation, please take care to ensure that the conductive components are continuously equipped with a data bus.

Material
Metal

Standard

Colour	L (mm)	Item number
Matt chrome	2000	33-201-10-06
Matt white	2000	33-201-10-21
Matt chrome	3000	33-201-20-06
Matt white	3000	33-201-20-21

Data bus

Colour	L (mm)	Item number
Matt chrome	2000	33-201-11-06
Matt white	2000	33-201-11-21
Matt chrome	3000	33-201-21-06
Matt white	3000	33-201-21-21

2. SUPPORT

2.1 CEILING CLIP / CONNECTOR

100 x 36 x 19 mm
for surface mounted on the ceiling or as a joint connector

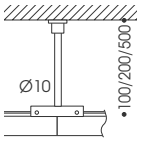
Material
Metal

Colour	L (mm)	Item number
Matt chrome	10	33-301-10-06
Matt white	10	33-301-10-21

2.2 DISTANCE SUPPORT

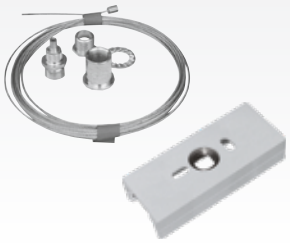
100 x 36 x 19 mm / Ø 10 mm

Material
Metal



Colour	L (mm)	Item number
Matt chrome	100	33-301-11-06
Matt white	100	33-301-11-21
Matt chrome	200	33-301-12-06
Matt white	200	33-301-12-21
Matt chrome	500	33-301-13-06
Matt white	500	33-301-13-21

3. CORD SUSPENSION



CORD SUSPENSION

1500 mm
Can be shortened

Material
Metal

Colour	Item number
Matt chrome	33-331-10-06
Matt white	33-331-10-21

4. CONNECTOR

LONGITUDINAL CONNECTOR

62 x 25 mm

Internal, combine with joint connectors (2.1) for cord suspension or use I connectors (5.2)

Material
Metal

Standard

Colour	Item number
Matt chrome	33-401-10-06
Matt white	33-401-10-21

Data bus

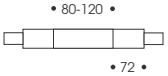
Colour	Item number
Matt chrome	33-401-11-06
Matt white	33-401-11-21

5. POWER SUPPLY WITH CONNECTOR FUNCTION

5.1 FLEX CONNECTOR

from 30° to 330°

Material
Plastic



Standard

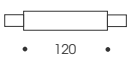
Colour	Item number
Matt white	33-461-10-21
Matt black	33-461-10-23

Data bus

Colour	Item number
Matt white	33-461-11-21
Matt black	33-461-11-23

5.2 I CONNECTOR

Material
Metal



Standard

Colour	Item number
Matt chrome	33-404-10-06
Matt white	33-404-10-21

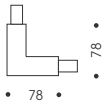
Data bus

Colour	Item number
Matt chrome	33-404-12-06
Matt white	33-404-12-21

5. POWER SUPPLY WITH CONNECTOR FUNCTION

5.3 L CONNECTOR

Material
Metal



Standard, internal protective earth

Colour	Item number
Matt chrome	33-453-10-06
Matt white	33-453-10-21

Data bus

Colour	Item number
Matt chrome	33-453-20-06 *
Matt white	33-453-20-21 *

Standard, internal protective earth

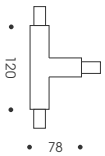
Colour	Item number
Matt chrome	33-453-11-06
Matt white	33-453-11-21

Data bus

Colour	Item number
Matt chrome	33-453-21-06
Matt white	33-453-21-21

5.4 T CONNECTOR

Material
Metal



Standard, left protective earth

Colour	Item number
Matt chrome	33-424-10-06
Matt white	33-424-10-21

Data bus

Colour	Item number
Matt chrome	33-424-30-06 *
Matt white	33-424-30-21 *

Standard, right protective earth

Colour	Item number
Matt chrome	33-424-11-06
Matt white	33-424-11-21

Data bus

Colour	Item number
Matt chrome	33-424-31-06
Matt white	33-424-31-21

6. COVER SECTION / END CAPS

Track cover section L = 1000 mm

Material
Plastic

Track cover section

Colour	Item number
Matt white	33-651-10-21

End caps

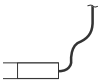
Colour	Item number
Matt chrome	33-601-10-06
Matt white	33-601-10-21

7. POWER SUPPLY WITHOUT CONNECTOR FUNCTION

7.1 END POWER SUPPLY

72 x 36 x 36 mm

Material
Metal



Standard, left protective earth

Colour	Item number
Matt chrome	33-551-10-06
Matt white	33-551-10-21

Data bus

Colour	Item number
Matt chrome	33-551-20-06 *
Matt white	33-551-20-21 *

Standard, right protective earth

Colour	Item number
Matt chrome	33-551-11-06
Matt white	33-551-11-21

Data bus

Colour	Item number
Matt chrome	33-551-21-06
Matt white	33-551-21-21

7.2 CENTRE POWER SUPPLY

127 x 36 mm

No connector function, positionable in any location without separation of the busbar

Material
Metal

Standard

Colour	Item number
Matt chrome	33-551-12-06
Matt white	33-551-12-21

Data bus

Colour	Item number
Matt chrome	33-551-22-06
Matt white	33-551-22-21