

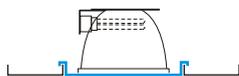


 **2011**

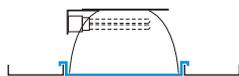
Square Wallwasher
Round Wallwasher

Square Downlights

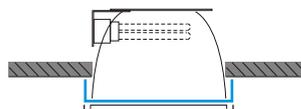
Modular plate for panel ceilings



Added-on modular plate



Frame for semi-recessed mounting



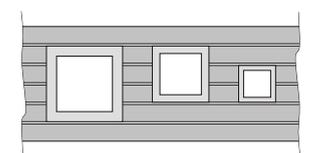
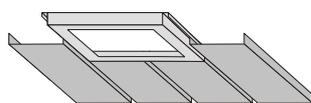
Before ordering please consult us for technical details.

Semi recessing only possible with Changing frame.
Changing frame system ▶ P. 86

Modular Panels

The integration of recessed luminaires into panel ceilings M100 is made possible with modular panels. (Other ceiling systems on request.) The modular panels are mounted into the ceiling construction tool-free. The downlight is subsequently mounted into the ceiling section.

When using the added-on modular panels the luminaire frame is replaced by this modular panel. The luminaire cover frame is therefore made redundant.



4-Field 3-Field 2-Field

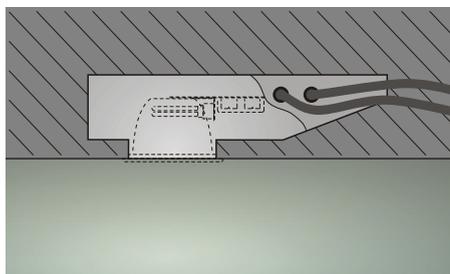
Semi-Recessed Frame

Reduction of recessing height due to semi-recessing frame up to 40mm possible. Project related supply of appropriate tilting adaptors for recessed luminaires in slant ceilings possible.

		Article No.	Version	Frame size				
				145 x 145mm	190 x 190mm	220 x 220mm	255 x 255mm	310 x 310mm
	Positioning tracks in pairs to strengthen ceiling panels	0905.145	DA 136 x 136	●				
		0905.190	DA 178 x 178		●			
		0905.220	DA 208 x 208				●	
		0905.255	DA 243 x 243					●
		0905.310	DA 285 x 285					
	Cut-in frame	0995.190	DA 178 x 178		●			
		0995.220	DA 208 x 208				●	
		0995.255	DA 243 x 243					●
		0995.310	DA 285 x 285					
	Modular panel for ceiling system panel 85/15	0901.145	2-Field DA 136 x 136	●				
		0901.190	3-Field DA 178 x 178		●			
		0901.220	3-Field DA 208 x 208				●	
		0901.255	3-Field DA 243 x 243					●
		0901.310	4-Field DA 285 x 285					
	Frame for semi-recessed mounting	0900.190	DA 178 x 178	●				
		0900.220	DA 208 x 208		●			
		0900.255	DA 243 x 243				●	

Concrete Housings

The use of concrete housings allows recessed-mounted luminaires to be harmoniously integrated into the ceiling. Special adaptations also enable specific stress requirements to be met. This includes extended concrete runs.



Specification

Sturdy one-piece housing made of galvanized sheet-steel with a slanted concrete run. 2 to 4 entries for conduit. Attached throat can be extended as required. Maximum height 35mm. Fixing tabs for nail-fastening to the wooden formwork. When installing in bare concrete ceilings, fixing with internal centring discs must be provided. Please order separately.



Flat Concrete Housings

Article No. 0898.xxxx (whereby xxxx = luminaire Article no.)
Can be used for standard downlights with a horizontal lamp position. Suitable for concrete ceilings and, when centring plates are used, for bare concrete ceilings.

Square Wallwashers



Square Wallwashers

Wallwashers are used wherever an even brightness or accents are required on vertical or horizontal surfaces. Room delineating surfaces become visible and rooms are experienced. Surface illumination is an important component of architectural lighting and a tool for any high quality light planning. This luminaire product line includes products for recessed mounting into walls, floors and ceilings.



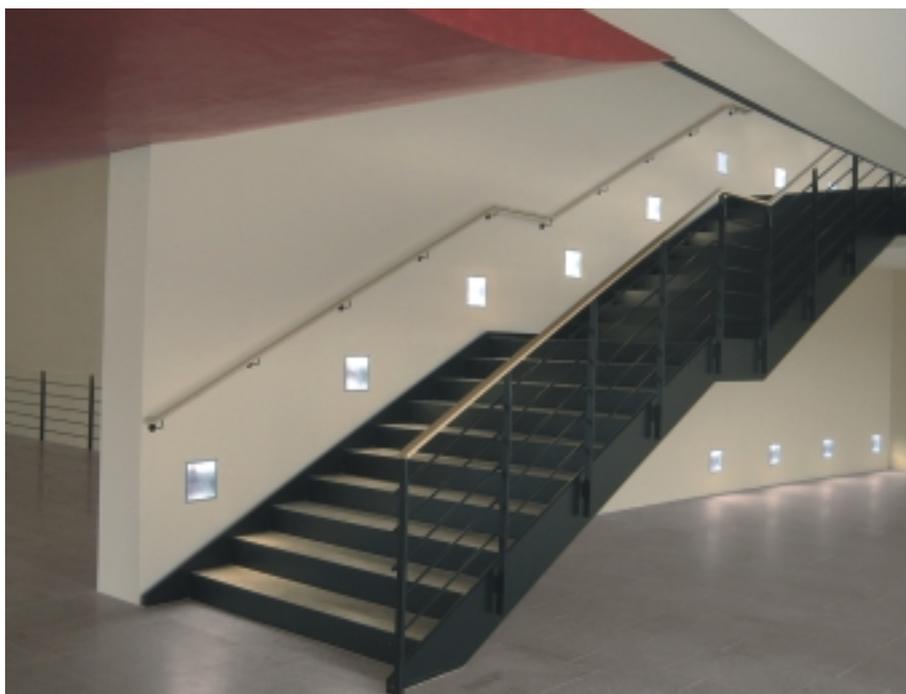
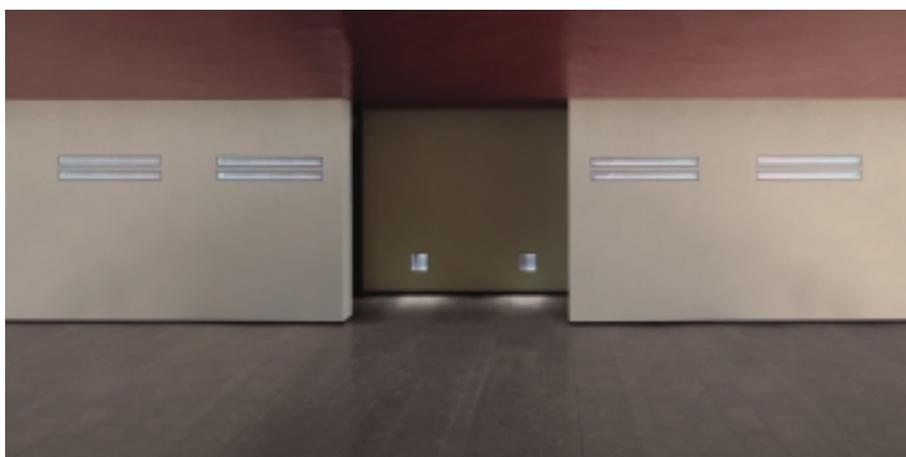
Aluminium
semi-specular



Aluminium
ribbed

Square Wallwashers

The recessed lamp prevents a direct glare even in visible areas. Light is projected in a specific direction. The degree of diffusion is determined by using various reflector surfaces.



Square Wallwashers

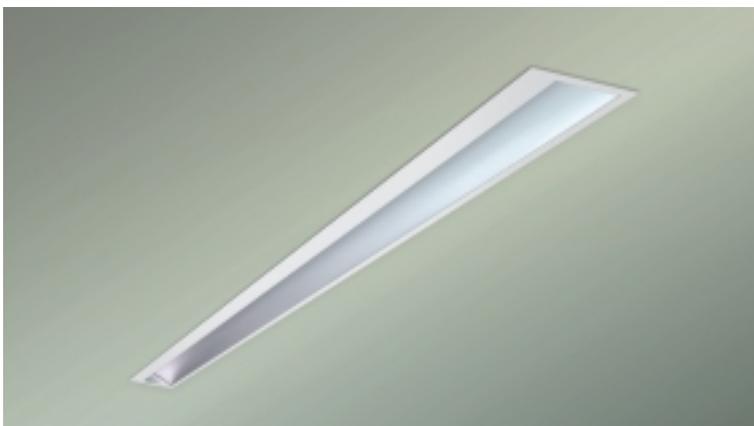


► The luminaire is also available as a system luminaire, as a continuous band of light.

Wallwasher RGB

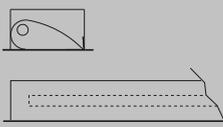
The additive colour mixing in infinitely adjustable colour spectra enable scenic colour changing, decorative and inspiring light or colour matching to suit the natural dynamics of our surroundings.





Square Wallwashers

Angular wallwasher with electronic control gear either for T5 HE and HO fluorescent lamps 1-flame. Dimmable either with DALI interface or 1-10V. Prewired and ready for installation with heat resistant cable and terminal block, 3-pole (5-pole), for through wiring with twin folded strain relief.

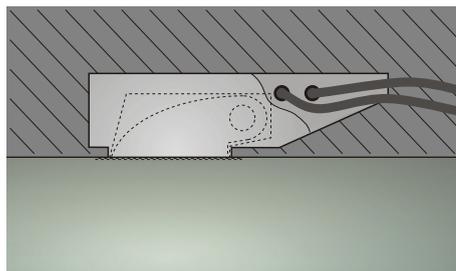
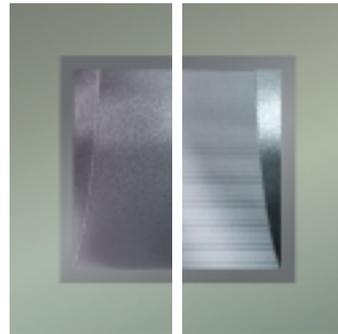
							Version							
							Without protection pane	Protection pane, security glass	Protection pane, acrylic clear	Reflector, semi-specular	Reflector, step lined			
							Article No.	ECG	Lamp version					
  	T16 HE 		21W G5	28W G5	35W G5									
	T16 HO 		39W G5	49W G5	54W G5	80W G5								
		CCO=115x890mm	3410.121	.-02	1 x T16	21W	●			●	○			
		ED =130x910mm	3410.139	.-02	1 x T16	39W	●			●	○			
		CCO=115x1190mm	3410.128	.-02	1 x T16	28W	●			●	○			
		ED =130x1210mm	3410.154	.-02	1 x T16	54W	●			●	○			
		CCO=115x1490mm	3410.135	.-02	1 x T16	35W	●			●	○			
		ED =130x1510mm	3410.149	.-02	1 x T16	49W	●			●	○			
			3410.180	.-02	1 x T16	80W	●			●	○			

Square Wallwashers



Square Wallwashers

Reflector made of finest aluminium, silver anodized satin-matt finish or with ribbed surface. Housing made of powder-coated sheet-steel. Fitted as standard with electronic control gear units with hot-start function.



Concrete Housings ▶ P. 85

By using concrete cast armatures there are optional applications for a harmonious integration of recessed luminaires into the ceiling, otherwise reserved for surface mounted luminaires.



Wallwasher Square

Angular wallwasher with electronic control gear either for compact fluorescent lamps TC-De / TC-Te or ceramic metal halide lamps CDM-T 1-flame. Prewired and ready for installation with heat resistant cable and terminal block, 3-pole (5-pole), for through wiring with twin folded strain relief. Also available with protection cover glass.

CDM-T 35W G12 70W G12

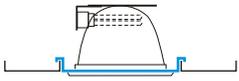
TC-De 18W G24q-2 26W G24q-3

TC-Te 26/32W GX24q-3

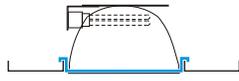
						Version					
						Without protection pane	Protection pane, security glass	Protection pane, acrylic clear		Reflector, semi-specular	Reflector, step lined
Article No. ECG Lamp version											
		CCO=230x230mm ED =250x250mm	3460.118	-.02	1 x TC-De 18W	●				●	○
			3460.132	-.02	1 x TC-De/Te 26/32W	●				●	○
			3460.135	-.02	1 x CDM-T 35W		●			●	○
			3460.170	-.02	1 x CDM-T 70W		●			●	○
		CCO=230x285mm ED =250x300mm	3461.118	-.02	1 x TC-De 18W	●				●	○
			3461.132	-.02	1 x TC-De/Te 26/32W	●				●	○
			3461.135	-.02	1 x CDM-T 35W		●			●	○
			3461.170	-.02	1 x CDM-T 70W		●			●	○
		CCO=230x320mm ED =250x340mm	3462.118	-.02	1 x TC-De 18W	●				●	○
			3462.132	-.02	1 x TC-De/Te 26/32W	●				●	○
			3462.135	-.02	1 x CDM-T 35W		●			●	○
			3462.170	-.02	1 x CDM-T 70W		●			●	○

Round Downlights

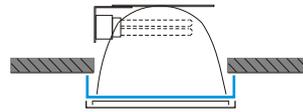
Modular plate for panel ceilings



Added-on modular plate



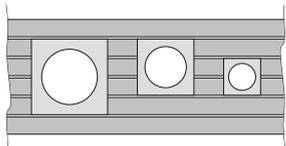
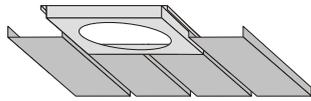
Cylinder for semi-recessed mounting



Before ordering please consult us for technical details.

Modular Panels

The integration of recessed luminaires into panel ceilings M100 is made possible with modular panels. (Other ceiling systems available on request.) The modular panels are mounted into the ceiling construction tool-free. The downlight is subsequently mounted into the ceiling section. When using the added-on modular panels the luminaire ring is replaced by this modular panel. The luminaire cover ring is therefore made redundant.

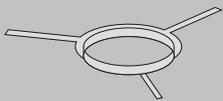


4-Field 3-Field 2-Field

Semi-recessed mounting is only possible with a cover ring.
Changing ring system ▶ P. 138

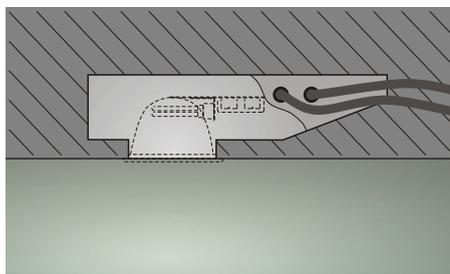
Semi-Recessing Cylinder

Reduction of recessing height due to semi-recessing cylinder up to 40mm possible. Project related supply of appropriate tilting adaptors for recessed luminaires in slant ceilings is possible.

		Article No. Version		Ring size						
				Ø 125mm	Ø 140mm	Ø 165mm	Ø 190mm	Ø 220mm	Ø 255mm	Ø 315mm
	Positioning tracks in pairs to strengthen ceiling panels	0805.165	CCO 145		●					
		0805.190	CCO 165			●				
		0805.220	CCO 195					●		
		0805.255	CCO 235						●	
		0805.315	CCO 300							●
	Cut-in ring	0895.190	CCO 165			●				
		0895.220	CCO 195					●		
		0895.255	CCO 235						●	
		0895.315	CCO 300							●
	Modular panel for ceiling system panel 85/15	0801.125	2-Field CCO 105	●						
		0801.140	2-Field CCO 120		●					
		0801.165	2-Field CCO 145			●				
		0801.190	3-Field CCO 165				●			
		0801.220	3-Field CCO 195					●		
		0801.255	3-Field CCO 235						●	
	Cylinder for semi-recessed mounting	0800.190	CCO 165			●				
		0800.225	CCO 195					●		
		0800.255	CCO 235						●	

Concrete Housing

The use of concrete housings allows recessed-mounted luminaires to be harmoniously integrated into the ceiling. Special adaptations also enable specific stress requirements to be met. This includes extended concrete runs up to a maximum of 35mm in order to guide the armouring underneath the fitting. Flat or round fittings (with highly reduced volume) are available, depending on the ceiling situation. If round concrete castings are being used, only specially adapted downlights, allowing the installation of the electronic component groups on top.



Specification

Sturdy one-piece housing made of galvanized sheet-steel with a slanted concrete run. 2 to 4 entries for conduit. Attached throat can be extended as required. Maximum height 35mm. Fixing tabs for nail-fastening to the wooden formwork. When installing in bare concrete ceilings, fixing with internal centring discs must be provided. Please order separately.



Concrete Housing, Flat

Article No. 0898.xxxx (whereby xxxx = luminaire Article no.)
Can be used for standard downlights with a horizontal lamp position. Suitable for concrete ceilings and, where centring plates are used, suitable for fairfaced concrete ceilings.

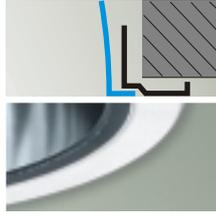


Concrete Housing, High

Article No. 0899.xxxx (whereby xxxx = luminaire Article no.)
Can be used for standard downlights with a vertical lamp position and downlights with top mounted control gear. Suitable for concrete ceilings and, where centring plates are used, also suitable for fairfaced concrete ceilings.

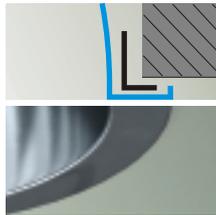
Round Downlights

Downlight Luminaire Conclusions



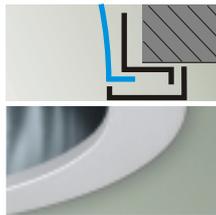
Standard

Narrow luminaire conclusion ring in one piece. Discreetly recessed reflector rim.



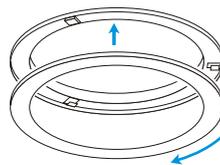
Folded-over Reflector

Concealed luminaire conclusion ring (by the reflector rim) and therefore invisible.



Changing Cover Ring

Changing ring system in 2 parts where the luminaire is supplied with a fixed ring. One separate cover ring (to be ordered separately) which is fastened by a bayonet lock. Suitable for subsequent mounting of optical accessories. Available for ring sizes 125, 140, 190, 220 and 255mm. Other sizes available on request.



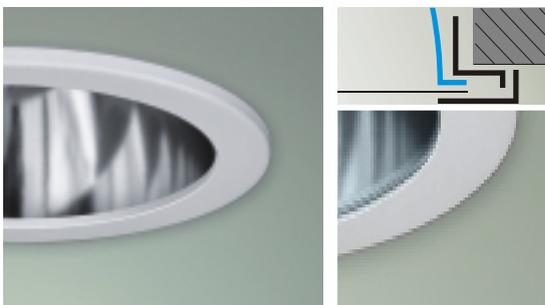
To order the Changing ring system please add "CR" to the order code.

► The optional cover ring is not normally included, please order separately.

The covering ring can be mounted separately tool-free afterwards. This allows the mounting of luminaires at an early stage of site work.

Downlight Colour Codes

- .-10 Brass
- .-11 Chrome
- .-20 made to RAL
- .-23 Silver C3
- .-26 RAL 9006
- .-31 White
- .-32 Matt white



CR for Glass Panes

Changing ring for insertion of glass panes as IP protection, decorative or diffuser glass. Can also be used with CAPPUCCIO ancillary glass.

Various Covers for Various Tasks

Insertion panes made of diverse materials in various finishes. Whether satinized or opal for spreading light, an even and soft light is always given. Also in glass or acrylic version for protection. All insertion panes offer protection against splashing water, thereby attaining protection class IP43 from the underside when mounted into a closed ceiling system. Also suitable as theft and vandalism protection.

► To specify the luminaire size, replace the placeholders .xxx with the ring size.

Ordering example:

Changing ring for open downlight with frame size of 220 would be:
Article No.: 0100.220.12

		Article No.		Version		Version			
						Brass	Chrome	White	Made to RAL
	Changing ring for open downlight	0100.xxx-.12	Standard	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		
	CR for open downlight with CAPPUCIO glass accessories	0100.xxx-.13	Glass fixing bolt, chrome	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		
		0100.xxx-.14	Glass fixing bolt, brass	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		
		0100.xxx-.15	Glass fixing bolt, lacquered	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		

Round Wallwasher



Round Wallwasher

Illuminating walls and vertical surfaces can fulfil several tasks. For the illumination of informal or merchandise displays and also for indirect general lighting of an area. The result is an atmospheric lighting mood. Bright illumination of clear surfaces and completely glare-free. In addition the room depths can be emphasized and the observer is strongly drawn into the room.



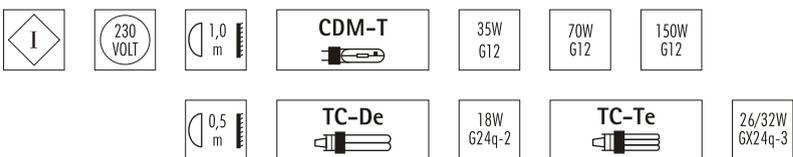
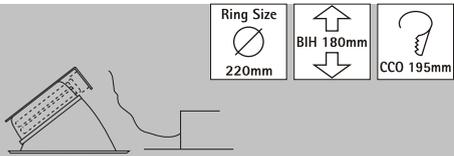
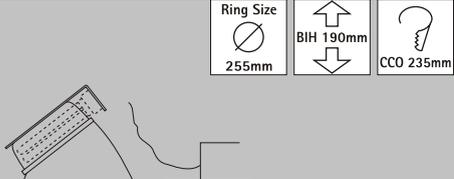
Reflector Technology

Polished and piece anodized reflector made of aluminium 99.98% with smooth, high polish silver surface. Inclined reflector cone for optimized light control.

Changing Ring System

Luminaire conclusion either with white standard ring or fixed ring for 2-piece Changing ring system (order code = add on CR). This allows the subsequent mounting of optical accessories.

▶ See chart

							Version				
							Reflector, matt silver	Reflector, high polish silver	Security glass, clear	Diffuser, prismatic	Diffuser, satin-frosted
											
Article No. ECG Lamp version											
	4202.132	.-02	1 x TC-Te	26/32W	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
	4202.035	.-02	1 x CDM-T	35W	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
	4202.070	.-02	1 x CDM-T	70W	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
	4202.150	.-02	1 x CDM-T	150W	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
	4203.218	.-02	2 x TC-De	18W	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
	4203.132	.-02	1 x TC-Te	26/32W	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
	4203.232	.-02	2 x TC-Te	26/32W	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
	4203.035	.-02	1 x CDM-T	35W	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
	4203.070	.-02	1 x CDM-T	70W	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
	4203.150	.-02	1 x CDM-T	150W	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	

Imprint

SEEGER

Technische Leuchten e. K.
Schwerter Str. 324
D-44287 Dortmund
Germany

Tel: +49 231- 44 10 92

Fax: +49 231- 44 10 76

info@seeger-licht.de

www.seeger-licht.de

VAT ID no.: DE 124779953

Tax no.: 315/5231/0060

Amtsgericht Dortmund

(Local first-instance court)

Commercial Register No.: HRA 16 133

General Information

All previous catalogues and the statements made therein are null and void with the publication of this issue. We reserve the right to make technical and formal changes to the listed products. The catalogue may contain errors. The lighting data, technical specifications and dimensions and the representational images and drawings shown in this catalogue are unbinding. All stated measurements are approximate and, unless otherwise stated, are given in millimetres. Unless otherwise stated, illuminants do not form part of the shipment. All brand names are the property of their rightful owners and serve only for descriptive purposes.