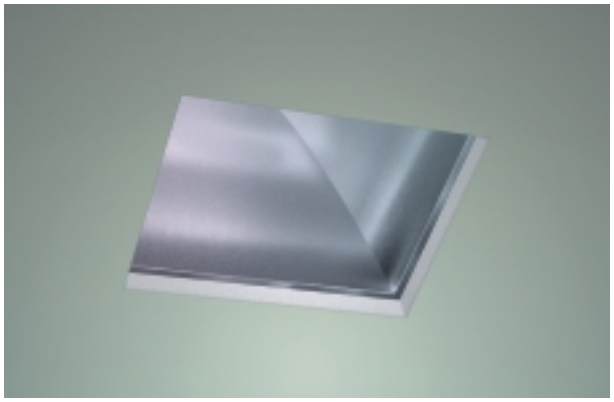
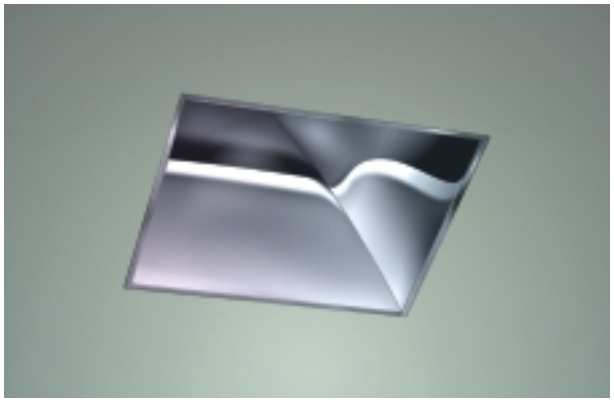
SEEGER
architectural lighting

2011

Square Recessed Luminaires

Trimless Downlight





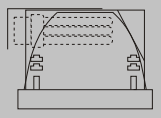
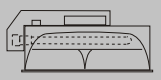
Trimless Downlight, Square
Plastered-in installation using separate mounting frame. Optionally for flush installation or recessed installation. For fixing with drywall screws into the ceiling cut-out that was produced on site. Fitting to the ceiling system is to be done by specialist fitters. Luminaire housing for subsequent installation into finished ceiling. The narrow, all-round reflector edge forms the visible termination of the luminaire.

Trimless Downlight, Square
Strong, one-piece housing made of galvanized sheet-steel for installation in mounting frame. The luminaire's height adjustment is possible with or without defined end-stop.

Trimless Downlight, Square
Recessed downlight for TC-De 26W or TC-Te 32W Compact Fluorescent lamps either 1-flame or 2-flame in horizontal burning position, mainly with MultiPower electronic control gear. This allows an alternative use of 26W or 32W lamps. Prewired and ready for installation with heat resistant cable and terminal block, 3-pole (5-pole), for through wiring with twin strain relief.

I | 230 VOLT | 0,5 m | TC-L | 18W 2G11

I | 230 VOLT | 0,5 m | TC-De | 18W G24q-2 | TC-Te | 18W GX24q-2 | 26/32W GX24q-3

			Article No.	ECG	Lamp version		Version: Flush mounted	Recessed mounted		Reflector, satin-matt silver	Reflector, high polish silver	Reflector, high polish gold	Reflector, special white
	BIH 145mm	CCO=adapted	5390.118	.-02	1 x TC-De/Te	18W	●	○		●	○	○	○
		ED=192x192mm	5390.132	.-02	1 x TC-Te	26/32W	●	○		●	○	○	○
			5390.218	.-02	2 x TC-De/Te	18W	●	○		●	○	○	○
			5390.232	.-02	2 x TC-Te	26/32W	●	○		●	○	○	○
	Plastering frame absolutely necessary!		5390.098	Plastering frame, flush									
			5390.099	Plastering frame, recessed									
	BIH 145mm	CCO=adapted	5395.118	.-02	1 x TC-L	18W	●	○		●	○	○	○
		ED=120x235mm											
	Plastering frame absolutely necessary!		5395.098	Plastering frame, flush									
			5395.099	Plastering frame, recessed									

Square Downlights

Narrow standard frame

Folded-over reflector

2-piece Changing frame

Standard Downlights
Three different recessed downlights are available to meet diverse design requirements.
The particularly narrow standard frame is sharp-edged and flat.
The folded-over reflector covers a narrow recessed frame.
The Changing frame is a 2-piece system and consists of an easy-to-assemble base frame, which can adapt to take various accessories.

Decorative Glasses ▶ P. 88-91
Decorative ancillary glasses for QUAD downlights are available, mounted on an interchangeable frame or on a standard frame with 4 point fastening. These glasses are completely or partially frosted and equipped with an additional glare frame resulting in an unobtrusive ceiling brightness. An exact anti-glare reduction or even glare elimination can be achieved by diffusers and various optical accessories. The cover frame can be opened tool-free for easy cleaning and maintenance.

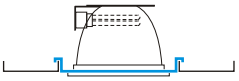
CF + glass type 20

CF + opal pane/conus

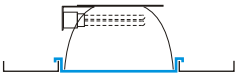
CF + glass type 22

Square Downlights

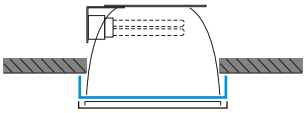
Modular plate for panel ceilings

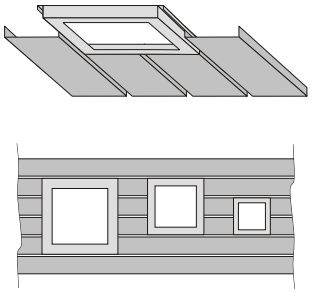


Added-on modular plate



Frame for semi-recessed mounting





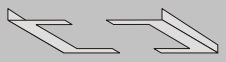
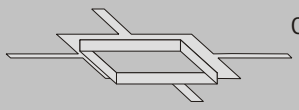
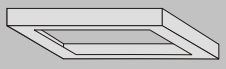
4-Field 3-Field 2-Field

Before ordering please consult us for technical details.

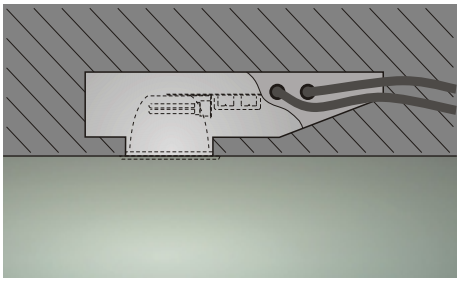
Modular Panels
The integration of recessed luminaires into panel ceilings M100 is made possible with modular panels. (Other ceiling systems on request.) The modular panels are mounted into the ceiling construction tool-free. The downlight is subsequently mounted into the ceiling section.
When using the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

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

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			●		

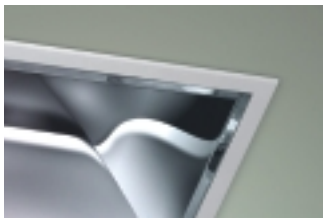
Concrete Housings
The use of concrete housings allows recessed-mounted luminaires to be harmoniously integrated into the ceiling. Special adaptations also enable specific stress requirements to be met. This includes extended concrete runs.

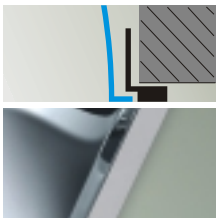


Specification
Sturdy one-piece housing made of galvanized sheet-steel with a slanted concrete run. 2 to 4 entries for conduit. Attached throat can be extended as required. Maximum height 35mm. Fixing tabs for nail-fastening to the wooden formwork. When installing in bare concrete ceilings, fixing with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

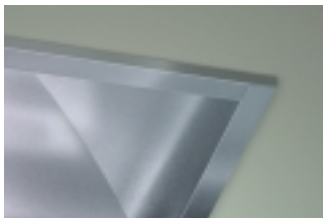
Flat Concrete Housings
Article No. 0898.xxxx (whereby xxxx = luminaire Article no.)
Can be used for standard downlights with a horizontal lamp position. Suitable for concrete ceilings and, when centring plates are used, for bare concrete ceilings.

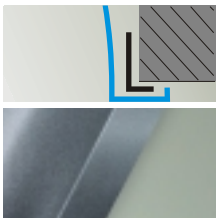
Downlight Luminaire's Edge



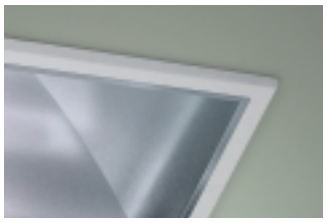


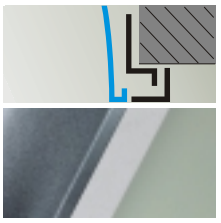
Standard
Narrow luminaire conclusion frame in one piece. Recessed reflector rim, level with frame.



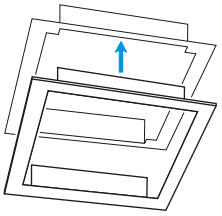


Folded-over Reflector
Luminaire conclusion frame concealed (by the reflector rim) and therefore invisible.





Changing Cover Frame
Changing frame system in 2 parts where the luminaire is supplied with a fixed frame. One separate cover frame (to be ordered separately) which is fastened by a spring lock. Suitable for subsequent mounting of optical accessories. Available for frame sizes in 145mm, 190mm, 220mm and 255mm.



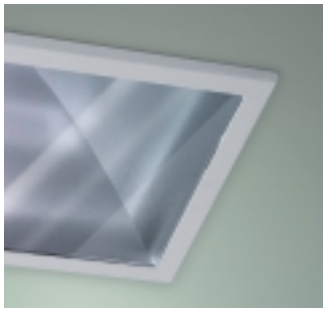
To order the Changing frame system please mention "**CF**" as additional order detail.

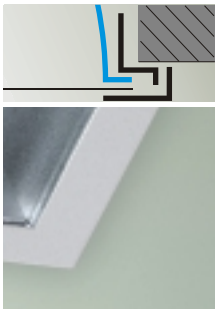
▶ The optional Changing frame is not normally included, please order separately.

The covering frame 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



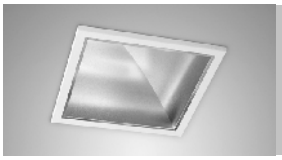
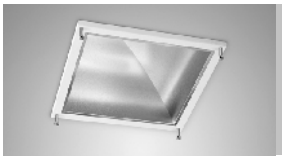


CF for Glass Panes
The Changing frame can be inserted, either with IP protected, decorative or diffuser glasses. It can also be combined with add-on decorative glass parts.

Various Covers for Various Tasks
Insertion panes made of diverse materials in various surfaces. Whether satin-frosted 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 frame size.

Ordering example:
Changing frame for open downlight with frame size of 220 would be:
Art. No.: 0150.220.12

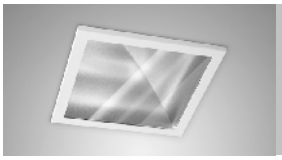
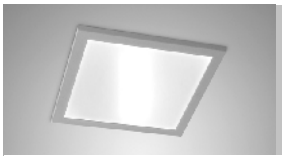
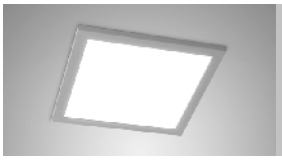
		Article No.	Version	Version: Chrome	White	Made to RAL
	Changing frame for open downlight	0150.xxx-.12	Standard	○	●	○
	Changing frame to fix glass accessories	0150.xxx-.13	Glass fixing bolt, chrome	○	●	○
		0150.xxx-.14	Glass fixing bolt, brass	○	●	○
		0150.xxx-.15	Glass fixing bolt, lacquered	○	●	○

Square Downlights - Glasses

QUAD CF IP43 protection pane either in opal, satin-frosted or clear

▶ To specify the luminaire size, replace the placeholders .xxx with the frame size.

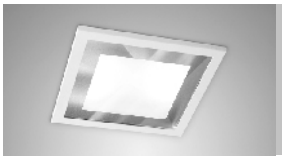
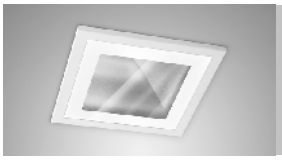
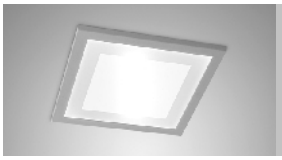
Ordering example:
Changing frame with IP43 protection pane with frame size of 220 would be:
Article No.: 0160.220.20

		Article No.	Version	Chrome	White	Made to RAL
	CF with IP43 protection pane, optional printing is possible	0160.xxx-.20	Acrylic, clear	○	●	○
		0161.xxx-.20	Float glass, clear	○	●	○
		0162.xxx-.20	Hardened security glass, clear	○	●	○
	CF with IP43 protection pane satin-frosted	0165.xxx-.20	Float glass, satin-frosted	○	●	○
		0166.xxx-.20	Hardened security glass, satin-frosted	○	●	○
	CF with IP43 protection pane in acrylic	0172.xxx-.20	Acrylic, opal silk	○	●	○

QUAD CF Partially-frosted
Changing frame with permanently fitted security glass, fully etched on one side. To conceal the lamp, one side of the glass pane is additionally frosted in the centre.

▶ To specify the luminaire size, replace the placeholders .xxx with the frame size.

Ordering example:
Changing frame with IP43 protection pane with frame size of 220 would be:
Article No.: 0188.220.20

		Article No.	Version	Version: Partially-frosted in centre	Partially-frosted at edge		Chrome	White	Made to RAL		
	CF with IP43 protection pane clear, partially-frosted in centre	0188.xxx-.20	Float glass, clear	●			○	●	○		
		0189.xxx-.20	Hardened security glass, clear	●			○	●	○		
	CF with IP43 protection pane clear, partially-frosted at edge	0178.xxx-.20	Float glass, clear		●		○	●	○		
		0179.xxx-.20	Hardened security glass, clear		●		○	●	○		
	CF with IP43 protection pane satin-frosted, partially-frosted in centre	0168.xxx-.20	Float glass, satin-frosted	●			○	●	○		
		0169.xxx-.20	Hardened security glass, satin-frosted	●			○	●	○		

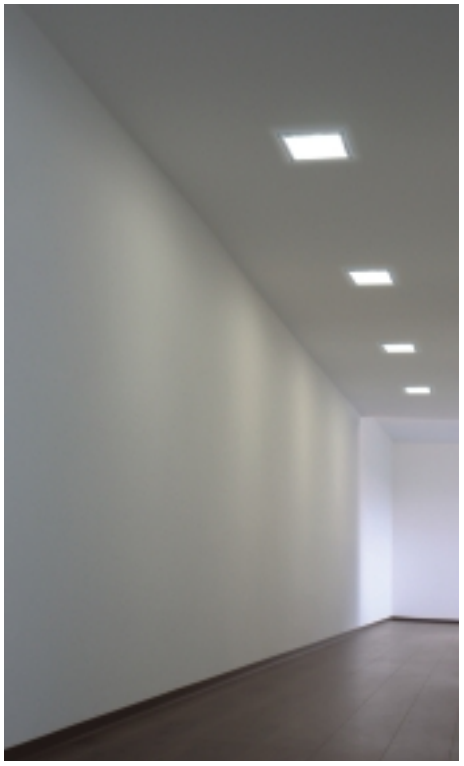
Square Downlights - Glasses

QUAD CF Diffuser + Cone
This cover element not only produces a diffuse, glare-free beam via the large luminous surface but also a directed light, directly emitted by the conical reflector.

▶ To specify the luminaire size, replace the placeholders .xxx with the frame size.

Ordering example:
Changing frame with diffuser and cone with frame size of 220 would be:
Article No.: 0175.220.20

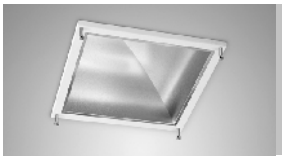
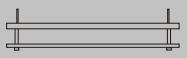
		Article No.	Version	Version						
						Chrome	White	Made to RAL		
	CF with cone, diffuser pane in acrylic	0175.xxx-.20	Opal silk			○	●	○		



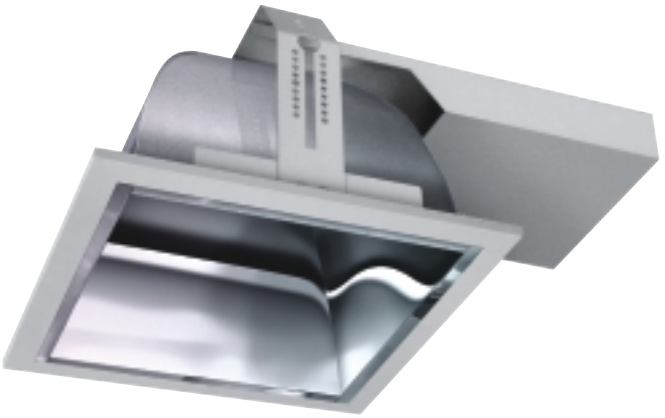
CAPPUCCIO
Our decorative glasses are supplied in the float glass version as standard. Other versions available on request.

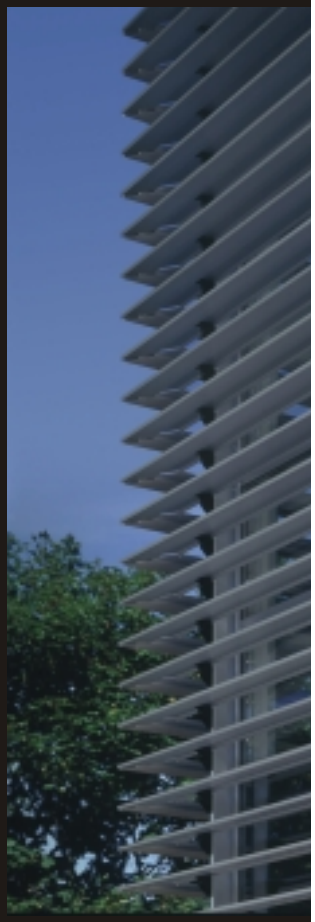
▶ To specify the luminaire size, replace the placeholders .xxx with the frame size.

Ordering example:
CAPPUCCIO decorative glass element in frame size 220 would be:
Article No.: 0180.220.20

		Article No.	Version	Version: Partially-frosted in centre	Partially-frosted at edge		Frame, chrome	Frame, white	Frame, made to RAL		
	Changing frame to fix glass accessories	0150.xxx-.13	Glass fixing bolt, chrome				○	●	○		
		0150.xxx-.14	Glass fixing bolt, brass				○	●	○		
		0150.xxx-.15	Glass fixing bolt, lacquered				○	●	○		
		0180.xxx-.20	Decorative float glass	●							
		0190.xxx-.20	Decorative float glass		●						

QUAD





Gold

High specular

Semi-specular

White

QUAD Luminaire System
Downlights for compact fluorescent lamps in a horizontal burning position. These are small luminaires with large lumen packages and precise glare reduction. This product family is available in four frame sizes with up to three different mounting depths each. It gives the same optical appearance even with various ceiling assembly situations. Electronic control gears either dimmable or non dimmable are exclusively used. Interface 1-10 volt / DALI / Push. Luminaires are suitable for operation with emergency power supply, also available on request with individual batteries.

Lighting Technology
Purely mirror-finish reflectors with superpure reflection strengthened aluminium and silver silk satinized surface are used. Further versions with different surfaces are also available.

Choice of three different luminaire versions which are specified by an order number suffix. Special developments for particular project solutions can be made at short notice.

The control gear unit is side mounted; the luminaire's recess depth has been reduced to a minimum. Luminaires also available in a backlight protected version.

Wide variety of wattages, dimensions and lamp sources optimize the application options on the job. This luminaire program is rounded off by various technical and decorative accessories.

Lamp version TC-De / Te	mm □	Built-in depth in mm 90	105	130	140
1x 10/13W	165		●		
1x 18W			●		
1x 26W			●		
1x 10/13W	190	●			
1x 18W		●			
1x 26/32W		●			
1x 13W	220			●	
1x 18W		●		●	●
1x 26/32W		●		●	●
2x 18W		●			●
2x 26/32W		●		●	●
1x 26/32W	255	●		●	●
1x 42W		●			●
2x 18W		●		●	●
2x 26/32W		●		●	●
2x 42W		●			●

QUAD

QUAD
Recessed downlight QUAD.
For TC-De 26W or TC-Te 32W compact fluorescent lamps either 1-flame or 2-flame in horizontal burning position, mainly with MultiPower electronic control gear. This allows an alternative use of 26W or 32W lamps. Prewired and ready for installation with heat resistant cable and terminal block, 3-pole (5-pole), for through wiring with twin strain relief.

I | 230 VOLT | 0,5 m | TC-De | 13W G24q-1

TC-Te | 13W GX24q-1 | 18W GX24q-2 | 26/32W GX24q-3

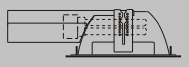
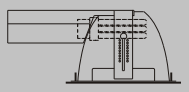
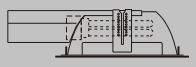
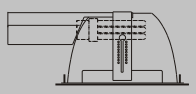
		Article No.	ECG	Lamp version		CF suitable			Reflector, satin-matt silver	Reflector, high polish silver	Reflector, high polish gold	Reflector, special white
						Version						
BIH 105mm	CCO=150x150mm	5340.113	.-02	1 x TC-Te	13W	●			●	○	○	○
	ED =165x165mm	5340.118	.-02	1 x TC-Te	18W	●			●	○	○	○
		5340.126	.-02	1 x TC-Te	26W	●			●	○	○	○
BIH 90mm	CCO=178x178mm	5341.113	.-02	1 x TC-De	13W	●			●	○	○	○
	ED =190x190mm	5341.118	.-02	1 x TC-Te	18W	●			●	○	○	○
		5341.132	.-02	1 x TC-Te	26/32W	●			●	○	○	○

Reflector Technology
Silver aluminium reflector made of superpure reflection strengthened aluminium. Reflector surface in high polish opal silk. Other reflector surfaces are available.

▶ See chart

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

I | 230 VOLT | 0,5 m | TC-De | 18W G24q-2 | TC-Te | 18W GX24q-2 | 26/32W GX24q-3 | 42W GX24q-4

		Article No.	ECG	Lamp version		Version: CF suitable	Reflector, satin-matt silver	Reflector, high polish silver	Reflector, high polish gold	Reflector, special white
	BIH 90mm; CCO=208x208mm; ED =220x220mm	5344.118	.-02	1 x TC-De/Te	18W	●	●	○	○	○
		5344.132	.-02	1 x TC-Te	26/32W	●	●	○	○	○
		5344.218	.-02	2 x TC-De/Te	18W	●	●	○	○	○
		5344.232	.-02	2 x TC-Te	26/32W	●	●	○	○	○
	BIH 140mm; CCO=208x208mm; ED =220x220mm	5345.118	.-02	1 x TC-De/Te	18W	●	●	○	○	○
		5345.132	.-02	1 x TC-Te	26/32W	●	●	○	○	○
		5345.218	.-02	2 x TC-De/Te	18W	●	●	○	○	○
		5345.232	.-02	2 x TC-Te	26/32W	●	●	○	○	○
	BIH 90mm; CCO=243x243mm; ED =255x255mm	5346.132	.-02	1 x TC-Te	26/32W	●	●	○	○	○
		5346.142	.-02	1 x TC-Te	42W	●	●	○	○	○
		5346.218	.-02	2 x TC-De/Te	18W	●	●	○	○	○
		5346.232	.-02	2 x TC-Te	26/32W	●	●	○	○	○
		5346.242	.-02	2 x TC-Te	42W	●	●	○	○	○
	BIH 140mm; CCO=243x243mm; ED =255x255mm	5347.132	.-02	1 x TC-Te	26/32W	●	●	○	○	○
		5347.142	.-02	1 x TC-Te	42W	●	●	○	○	○
		5347.218	.-02	2 x TC-De/Te	18W	●	●	○	○	○
		5347.232	.-02	2 x TC-Te	26/32W	●	●	○	○	○
		5347.242	.-02	2 x TC-Te	42W	●	●	○	○	○

QUAD K/C

QUAD Cross Louvre
This compact downlight with its cross louvre offers an alternative to luminaires with standard louvres. Due to an excellent glare, reduction with 65° beam angle it is also suitable for working areas and PC workstations.

QUAD Konus
QUAD Konus has been designed with an eye to stylistic design. This compact, recessed luminaire offers essential technical and lighting advantages. The diffuser prevents direct view of the lamp and provides a homogenous, soft light, while also providing splash-water protection and preventing the electrical components from being touched.

Gold

High specular

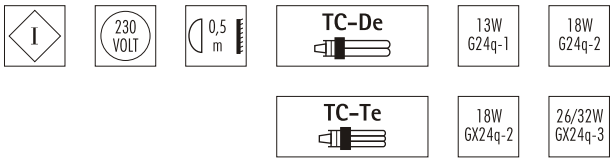
Semi-specular

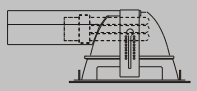
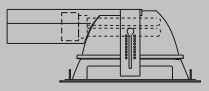
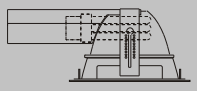
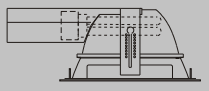
White

QUAD K/C
Recessed downlight QUAD K/R. For TC-De 26W or TC-Te 32W compact fluorescent lamps either 1-flame or 2-flame in horizontal burning position, mainly with MultiPower electronic control gear. This allows an alternative use of 26W or 32W lamps. Prewired and ready for installation with heat resistant cable and terminal block, 3-pole (5-pole), for through wiring with twin strain relief.

Reflector Technology
Reflector system in 2 parts with aluminium reflector and silver louvre/cone. Made of superpure reflection strengthened aluminium. Reflector surface in high polish opal silk. Removable tool-free.

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



			Article No.	ECG	Lamp version		Version: CF suitable			Reflector, satin-matt silver	Reflector, high polish silver	Reflector, high polish gold	Reflector, special white
	BIH 130mm	CCO=208x208mm	5360.113	.-02	1 x TC-De	13W	●			●	○	○	
		ED =220x220mm	5360.118	.-02	1 x TC-Te	18W	●			●	○	○	
		cross louvre	5360.132	.-02	1 x TC-Te	26/32W	●			●	○	○	
	BIH 130mm	CCO=243x243mm	5361.118	.-02	1 x TC-De/Te	18W	●			●	○	○	
		ED =255x255mm	5361.132	.-02	1 x TC-Te	26/32W	●			●	○	○	
		cross louvre	5361.218	.-02	2 x TC-De/Te	18W	●			●	○	○	
			5361.232	.-02	2 x TC-Te	26/32W	●			●	○	○	
	BIH 130mm	CCO=208x208mm	5365.113	.-02	1 x TC-De	13W	●			●	○	○	
		ED =220x220mm	5365.118	.-02	1 x TC-Te	18W	●			●	○	○	
		cone+glass	5365.132	.-02	1 x TC-Te	26/32W	●			●	○	○	
	BIH 130mm	CCO=243x243mm	5366.118	.-02	1 x TC-De/Te	18W	●			●	○	○	
		ED =255x255mm	5366.132	.-02	1 x TC-Te	26/32W	●			●	○	○	
		cone+glass	5366.218	.-02	2 x TC-De/Te	18W	●			●	○	○	
			5366.232	.-02	2 x TC-Te	26/32W	●			●	○	○	

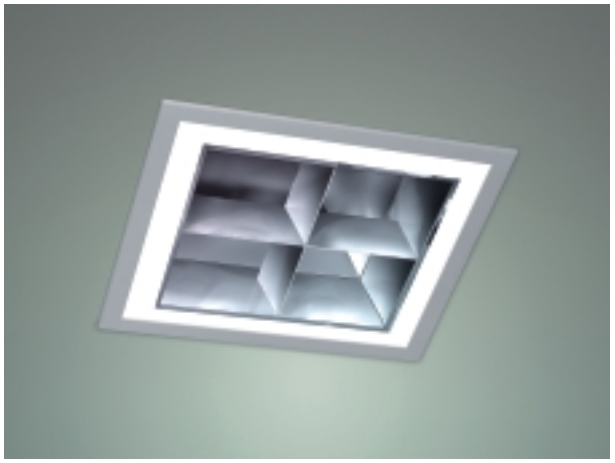
QUAD-R Aura

QUAD-R Aura
Soft light and highlight combined as a double function in one luminaire. With its cross-baffle, this compact downlight offers an alternative to conventional louvred luminaires. A discreet luminaire that does not come to the fore itself, it is only a perimeter diffuser frame that indicates the light.

Gold

Semi-specular

White

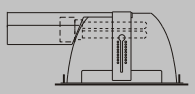


Reflector Technology
Silver aluminium reflector made of superpure reflection strengthened aluminium. With satin-matt silver surface. Lens removable tool-free, existing parabolic louvre with perimeter aura. Other reflector surfaces are available.

▶ See chart

QUAD-R Aura
Recessed downlight with louver. For TC-De 18W or TC-Te 32W compact fluorescent lamps either 1-flame or 2-flame in horizontal burning position, mainly with MultiPower electronic control gear. This allows an alternative use of 26W or 32W lamps. Prewired and ready for installation with heat resistant cable and terminal block, 3-pole (5-pole), for through wiring with twin strain relief.

I | 230 VOLT | 0,5 m | TC-De | 18W G24q-2 | TC-Te | 26/32W GX24q-3



BIH 140mm
CCO=243x243mm
ED =255x255mm
cross louvre

Article No.	ECG	Lamp version		Version: CF suitable	Reflector, satin-matt silver	Reflector, high polish gold	Reflector, special white
5363.132	.-02	1 x TC-Te	26/32W	●	●	○	○
5363.218	.-02	2 x TC-De	18W	●	●	○	○
5363.232	.-02	2 x TC-Te	26/32W	●	●	○	○

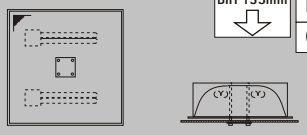
KASSIO-E

KASSIO-E
Prestigious areas and spaces with atmospheric requirements require luminaires which make a special statement. Glass luminaires add emphasis by way of their visible surfaces. A simple geometrical shape is combined with a genuine glass pane to create a floating impression, making this product a classic. The option of using high wattage lamps makes the luminaire perfectly suitable for ambient lighting even in large areas.

Square Recessed Luminaire
White powder-coated, sheet-metal recessed body. Luminaire can be installed into sawn ceilings. Easy and fast assembly due to spring clips. With electronic control gear for compact fluorescent lamps. Dimmable either with DALI interface or 1-10V. The lamp itself is held floating in the centre and is covered by a partially satinized, genuine glass pane.

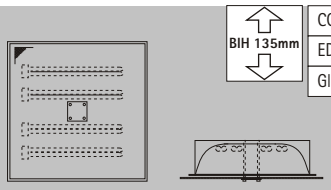
I | 230 VOLT | 0,5 m

T5 FC	22W 2GX13	40W 2GX13	55W 2GX13
TC-L	18W 2G11	24W 2G11	
TC-Te	32W GX24q-3	42W GX24q-4	



BIH 135mm

	Article No.	ECG	Lamp version		Version: Made to RAL	Version: Stainless steel, brushed
CCO=290x290mm	5211.218	.-02	2 x TC-L	18W	○	●
ED =310x310mm	5211.236	.-02	2 x TC-F	36W	○	●
Glass=340x340mm	5211.242	.-02	2 x TC-Te	32/42W	○	●



BIH 135mm

	Article No.	ECG	Lamp version		Version: Made to RAL	Version: Stainless steel, brushed
CCO=385x385mm	5212.155	.-02	1 x T5 FC	55W	○	●
ED =400x400mm	5212.162	.-02	1 x T5 FC	40W	○	●
Glass=430x430mm			+1 x T5 FC	22W	○	●
	5212.224	.-02	2 x TC-L	24W	○	●
	5212.424	.-02	4 x TC-L	24W	○	●

KASSIO VA

KASSIO VA
Powerful recess-mounted luminaire with characteristic stainless steel frame with brushed finish. Unmistakeable minimalist design reduced down to an illuminated glass panel. Usable as an individual luminaire or in combination as a multi-panel luminaire. Equipped for compact fluorescent lamps with electronic control gear. Luminaire housing in white.

KASSIO VA
Angular recess-mounted luminaire in stainless steel sheet with decorative, solid stainless steel frame. Partially-frosted glass diffuser with polished edges and 4-point fixing.

KASSIO VA I
Angular recess-mounted luminaire in stainless steel sheet with decorative, solid stainless steel frame. The inserted diffuser glass has a high-quality appearance due to its unmistakeable finish in semi-frosted diamond pattern.

Angular recess-mounted luminaire

Recess-mounted housing in white powder-coated sheet metal. For installation in sawn-out ceiling apertures. Simple and quick mounting due to spring clips. Equipped for compact fluorescent lamps with electronic control gear. Also dimmable with 1-10 volt or DALI interface. Lamp covered with a partiall-frosted pane real glass.

I | 230 VOLT | 0,5 m

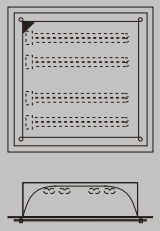
T5 FC: 22W 2GX13, 40W 2GX13, 55W 2GX13

TC-Te: 32W GX24q-3, 42W GX24q-4

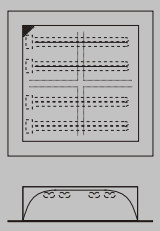
TC-De: 26W G24q-3

TC-L: 18W 2G11, 24W 2G11

TC-F: 36W 2G10

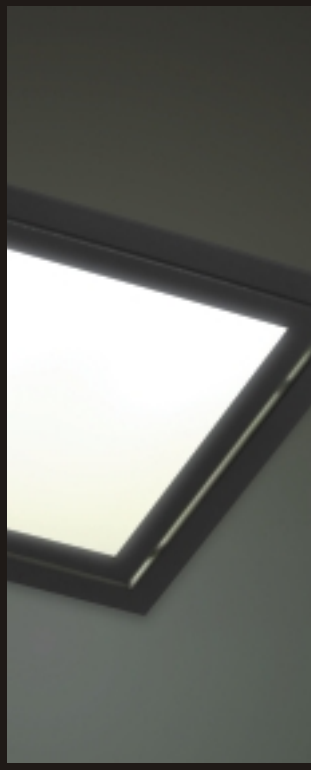


	Article No.	ECG	Lamp version		Diffuser suspen	inserted Diffusor			Made to RAL	Stainless Steel Brushed	
BIH 135mm, CCO=290x290mm, ED =370x370mm	5235.218	.-02	2 x TC-L	18 W	●				○	●	
	5235.226	.-02	2 x TC-De	26 W	●				○	●	
	5235.236	.-02	2 x TC-F	36 W	●				○	●	
	5235.242	.-02	2 x TC-Te	32/42 W	●				○	●	
BIH 135mm, CCO=385x385mm, ED =470x470mm	5238.140	.-02	1 x T16-R	40 W	●				○	●	
	5238.155	.-02	1 x T16-R	55 W	●				○	●	
	5238.162	.-02	1 x T16-R	40 W	●				○	●	
		+	1 x T16-R	22 W	●				○	●	
	5238.224	.-02	2 x TC-L	24 W	●				○	●	
	5238.424	.-02	4 x TC-L	24 W	●				○	●	

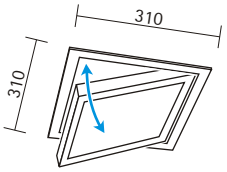


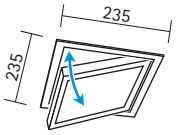
	Article No.	ECG	Lamp version		Diffuser suspen	inserted Diffusor			Made to RAL	Stainless Steel Brushed	
BIH 135mm, CCO=290x290mm, ED =370x370mm	5236.218	.-02	2 x TC-L	18 W		●			○	●	
	5236.226	.-02	2 x TC-De	26 W		●			○	●	
	5236.236	.-02	2 x TC-F	36 W		●			○	●	
	5236.242	.-02	2 x TC-Te	32/42 W		●			○	●	
BIH 135mm, CCO=385x385mm, ED =470x470mm	5239.140	.-02	1 x T16-R	40 W		●			○	●	
	5239.155	.-02	1 x T16-R	55 W		●			○	●	
	5239.162	.-02	1 x T16-R	40 W		●			○	●	
		+	1 x T16-R	22 W		●			○	●	
	5239.224	.-02	2 x TC-L	24 W		●			○	●	
	5239.424	.-02	4 x TC-L	24 W		●			○	●	

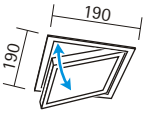
LIDFILD

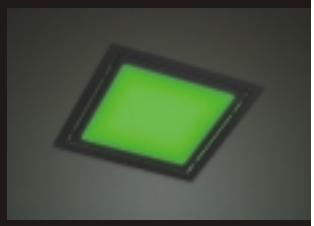


LIDFILD
The exclusive appearance is characterized by the discreet, square form and emphasized by the surrounding shadow gap. The ceiling aligned glass diffuser prevents looking directly at the lamp and gives a soft light distribution. While complementing the architecture, it also sets new styling accents.









LIDFILD RGB
The entire luminaire family is conceived for use with LED's. The "chip on board" technology achieves an even surface lighting. The additive colour blend in unlimited chromatic spectra allows scenic, decorative and inspiring colour changes.

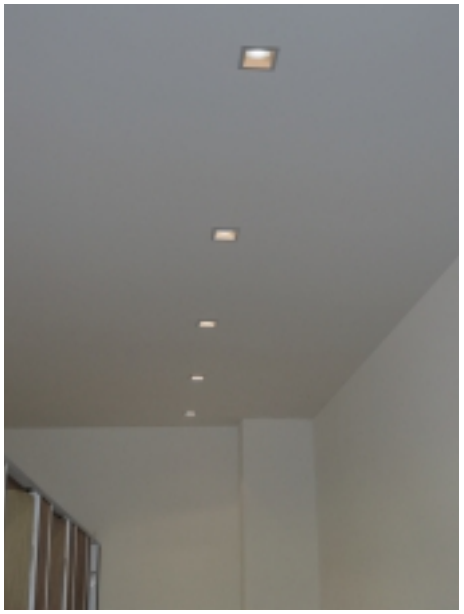
LIDFILD
Recessed luminaire, hinged cover tool-free. Either for compact fluorescent lamps or HID lamps with electronic control gear. Prewired and ready for installation with heat resistant cable and terminal block, 3-pole (5-pole), for through wiring with twin strain relief. Sheet-metal body with powder-coated surface.

I | 230 VOLT | 1,0 m | CDM-T | 35-70W G12
0,5 m | TC-L | 18W 2G11
0,5 m | TC-Te | 26/32W GX24q-3 | 42W GX24q-4 | 57W GX24q-5 | 70W GX24q-6
0,1 m | LED CoB RGB

			Article No.	ECG	Lamp version		Version: Borosilicate, satin-frosted	Genuine glass, satin-frosted	Acrylic, silky glossy opal	Silver C3	White	Made to RAL
BIH 120mm	CCO=175x175mm		5295.226	.-02	2 x TC-Te	26W		●	○	○	●	○
	ED =190x190mm		5295.135	.-02	1 x CDM-T	35W	●			○	●	○
			5295.170	.-02	1 x CDM-T	70W	●			○	●	○
BIH 125mm	CCO=215x215mm		5296.232	.-02	2 x TC-Te	26/32W		●	○	○	●	○
	ED =235x235mm		5296.135	.-02	1 x CDM-T	35W	●			○	●	○
			5296.170	.-02	1 x CDM-T	70W	●			○	●	○
			5296.399	.-02	LED CoB RGB			○	●	○	●	○
BIH 125mm	CCO=290x290mm		5298.218	.-02	2 x TC-L	18W		○	●	○	●	○
	ED =310x310mm		5298.242	.-02	2 x TC-Te	26-42W		○	●	○	●	○
			5298.270	.-02	2 x TC-Te	57/70W		○	●	○	●	○
			5298.399	.-02	LED CoB RGB			○	●	○	●	○

NV-Q

NV-Q
Recessed luminaire designed for ceiling and wall mounting. Characteristic design featuring a light source recessed deeply inside the luminiare. Several versions are available for various lamps. Various wattages are possible, from 20W to 100W, as well as different beam angles for focused or diffuse light. This product range meets highly diverse lighting requirements.



NV Square Downlight
Silver C3 powder-coated recessed body made of sheet-metal. Luminaire can be installed in sawn ceiling openings and wall holes. Wherever necessary, it has a separate electronic control gear for halogen lamps and for HID lamps. Optionally available with special accessories, for example with IP-rated protection glass cover, colour filter or additional mounting body.

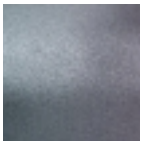
III | 12 VOLT | 0,5 m | QR-CBC 51 | 20-50W GX5,3 | QR 111 | 50-100W G53

I | 230 VOLT | 1,0 m | HI-PAR 51 | 35W GX10

			Article No.	ECG	Lamp version		Version: Lamp, fixed	Lamp, tiltable		Separate transformer	Separate ECG		White	Silver C3	Made to RAL
BIH 120mm	CCO=120x120mm		1090.100	.-02	1 x QR 111	100W	●			●			○	●	○
	ED =135x135mm														
BIH 90mm	CCO=65x65mm		1091.050	.-02	1 x QR-CBC 51	50W	●			●			○	●	○
	ED =80x80mm		1091.035	.-02	1 x HI-PAR 51	35W	●						○	●	○
			1092.050	.-02	1 x QR-CBC 51	50W		●					○	●	○
			1092.035	.-02	1 x HI-PAR 51	35W		●			●		○	●	○
BIH 90mm	CCO=65x125mm		1093.050	.-02	2 x QR-CBC 51	50W	●			●			○	●	○
	ED =80x140mm		1093.035	.-02	2 x HI-PAR 51	35W	●						○	●	○
			1094.050	.-02	2 x QR-CBC 51	50W		●					○	●	○
			1094.035	.-02	2 x HI-PAR 51	35W		●			●		○	●	○

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.



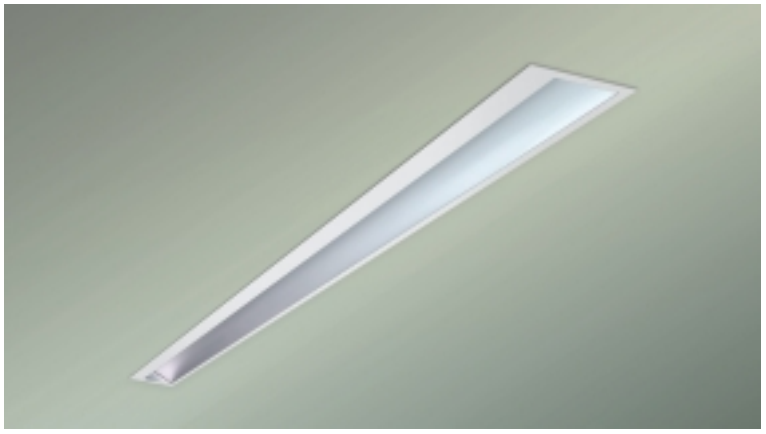
Aluminium
semi-specular

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.

▸ 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.

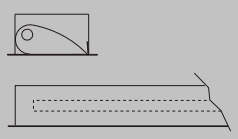


Square Wallwashers
Angular wallwasher with electronic control gear either for T5 HE and HO fluorescent lamps 1-flame. Dimmable either with DALI interface or 1-10V. Prewired and ready for installation with heat resistant cable and terminal block, 3-pole (5-pole), for through wiring with twin folded strain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

I | 230 VOLT | 0,3 m

T16 HE: 21W G5 | 28W G5 | 35W G5

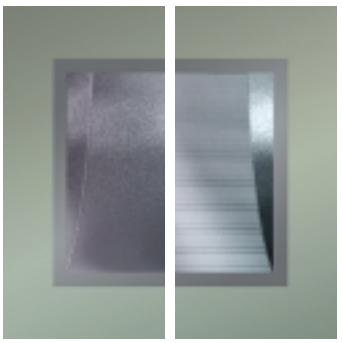
T16 HO: 39W G5 | 49W G5 | 54W G5 | 80W G5

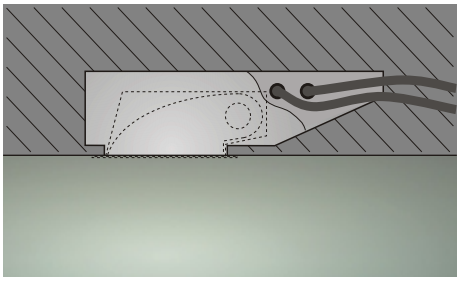


		Article No.	ECG	Lamp version		Version: Without protection pane	Protection pane, security glass	Protection pane, acrylic clear			Reflector, semi-specular	Reflector, step lined
BIH 65mm	CCO=115x890mm	3410.121	.-02	1 x T16	21W	●					●	○
	ED =130x910mm	3410.139	.-02	1 x T16	39W	●					●	○
	CCO=115x1190mm	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	●					●	○

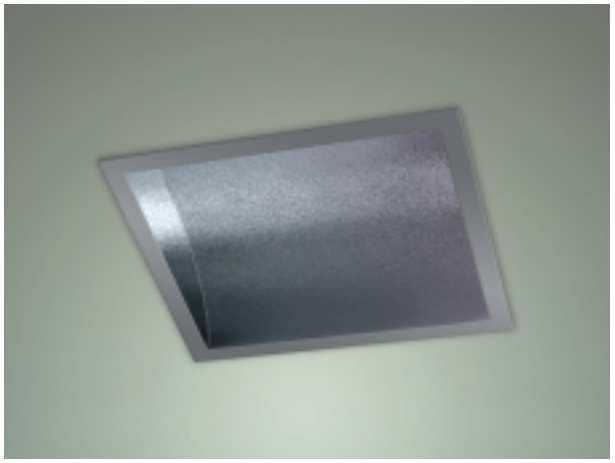
Square Wallwashers

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.

I | 230 VOLT | 0,5 m | CDM-T | 35W G12 | 70W G12

TC-De | 18W G24q-2 | 26W G24q-3 | TC-Te | 26/32W GX24q-3

		Article No.	ECG	Lamp version		Version: Without protection pane	Protection pane, security glass	Protection pane, acrylic clear			Reflector, semi-specular	Reflector, step lined
BIH 110mm	CCO=230x230mm	3460.118	.-02	1 x TC-De	18W	●					●	○
	ED =250x250mm	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		●				●	○
BIH 110mm	CCO=230x285mm	3461.118	.-02	1 x TC-De	18W	●					●	○
	ED =250x300mm	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		●				●	○
BIH 110mm	CCO=230x320mm	3462.118	.-02	1 x TC-De	18W	●					●	○
	ED =250x340mm	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		●				●	○

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Amtsgericht Dortmund
(Local first-instance court)
Commercial Register No.: HRA 16 133

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