



Coriflex LED



TRILUX
NEW LIGHT.



TRILUX Coriflex – light in a new dimension.



"Coriflex is a continuous line system with exemplary clarity. The fundamental philosophy and approach has resulted in a perfect product that can be specified, ordered and installed with an unusually high degree of efficiency. A team of pioneers from the lighting sector, headed up by TRILUX engineers, evaluated and perfected each individual component of the luminaire. A main focus was placed on customer needs during this process, and it was found that a whole series of essential new features made Coriflex intuitive, effective and highly dependable. The luminaire integrates all standard characteristics of a continuous line, can be simply connected via a plug system and thus cuts mounting time by 50 %. The LCL (Low Contrast Light) technology ensures a pleasant quality of light with minimum glare effects. Even packaging is designed to drastically cut levels of waste, storage volume and transport costs.

The common expertise invested into Coriflex reflects teamwork and cooperation at the highest level, and we think that the result will change the market."

Duncan Jackson, Billings Jackson Design

Light in a new dimension

The continuous line for a new generation: With Coriflex, TRILUX has developed an LED light system that meets all requirements for a modern lighting concept. Klaas Keur, Product Manager at TRILUX, explains the special features and benefits of this luminaire innovation.

Mr Keur, what is it exactly that makes Coriflex so unique? Can you briefly summarise that for us?

“With Coriflex we developed a light concept specifically as part of a dialogue with our customers and partners that covers their highly diverse needs. And the result certainly impresses: our Coriflex represents an intelligent, optically appealing and simultaneously flexible solution. For example we’ve integrated all the normal accessories for continuous lines such as trunking, gear trays and reflectors into the luminaire and thus achieve 50 % time saving during mounting. The Coriflex can also be used in many different applications such as industry, education and office.”



That sounds like a true all-round talent. But demands for the lighting atmosphere and quality of light in offices and industry are quite different. How does Coriflex achieve this multiple challenge?

“Our customers can select the required optic and light colour from differing variants and specify a luminaire luminous flux of between 3,500 and 4,000 lumens. This makes it possible to implement workzone, glare reduced office or classroom lighting, or a narrow distribution solution for industrial and storage halls. Also, Coriflex can be either surface-mounted or suspended.”

How can you guarantee glare-free lighting with an outstanding lumen to watt ratio despite the use of LEDs?

“The magic phrase is ‘low contrast light’, or LCL. This technology developed by TRILUX allows us to increase luminance all around the LED to ensure uniform illumination over the complete luminaire length, and without dark spots. And we no longer have to rely on diffuse material to cover the LEDs that would reduce glare but also reduce lumen yield as well. The result is a permanently pleasant and glare-free impression of light for any application sector.”

You just spoke of the especially efficient mounting method. Can you explain it in a bit more detail?

“Of course. After all, that’s an important added value of the Coriflex. To optimise the usual process chain with planning and installation we’ve developed a one-piece concept. Meaning the usual accessories such as trunking, gear trays and reflectors are already integrated. We thus offer customers an all-in-one solution that is also installed as quick as a flash.”

Like the well-known plug and play system then?

"Exactly. Mounting Coriflex is child's play thanks to the newly developed electrical and mechanical coupling. In addition, an installation plan is drawn up for each project that makes installation on-site significantly simpler."

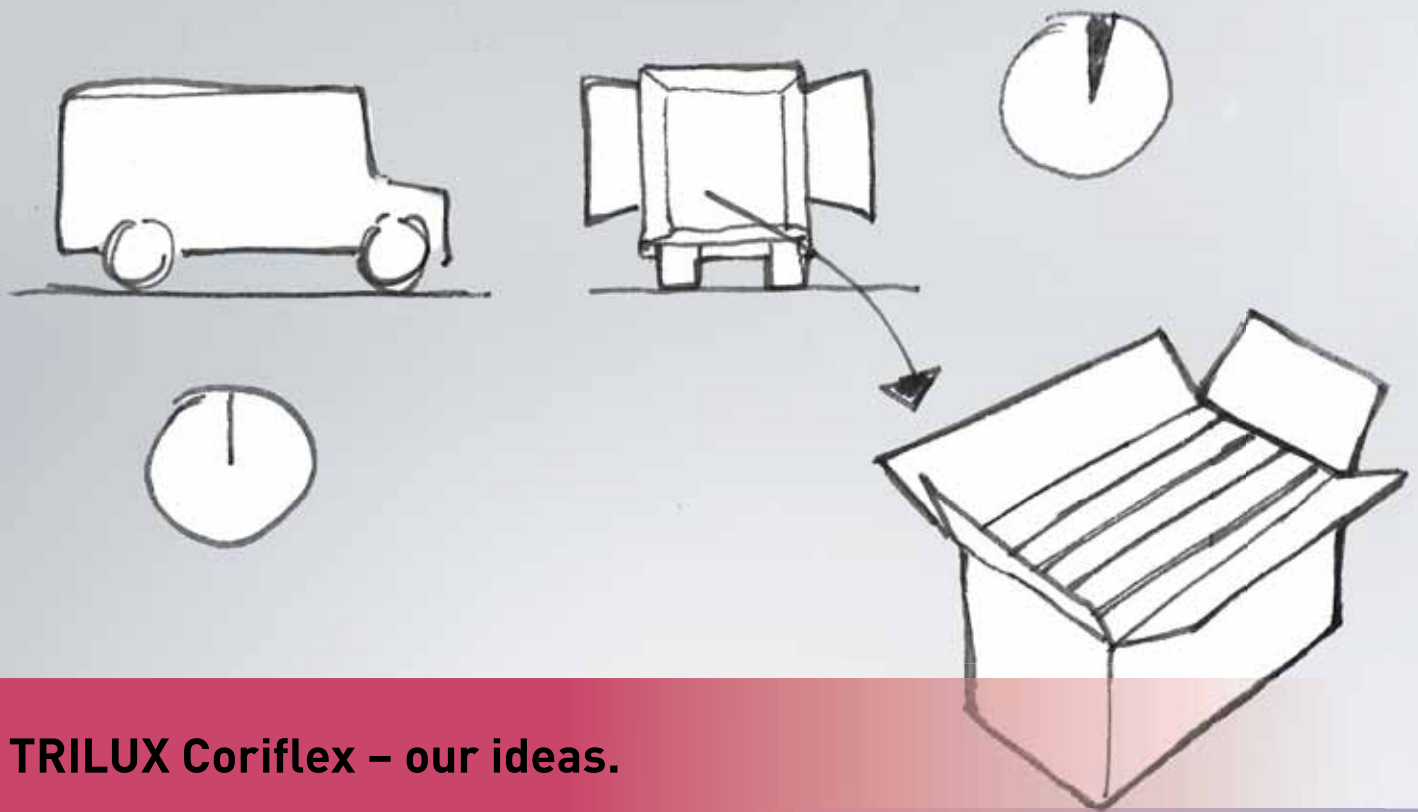
That of course achieves enormous ecological and economic advantages.

"That's right. This allows us to reduce not only packaging material but transport costs as well and also storage volume. Coriflex is extremely economic in other ways as well: with up to 95 lm/W and an LED-typical service life of 50,000 hours, it guarantees high energy savings and short amortisation times."

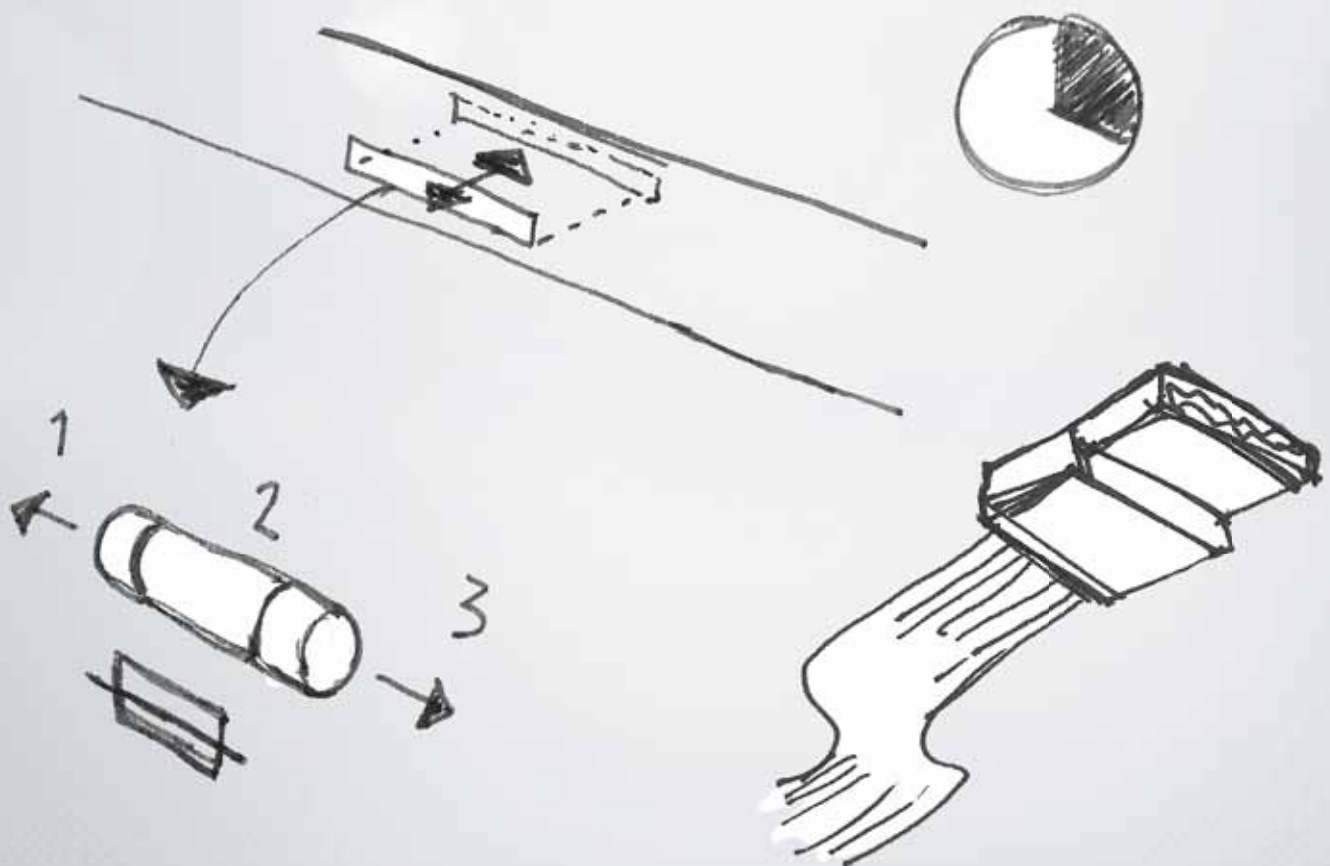
So Coriflex scores points with its many sophisticated functions. To achieve all that though, did you have to accept limits in the design appearance?

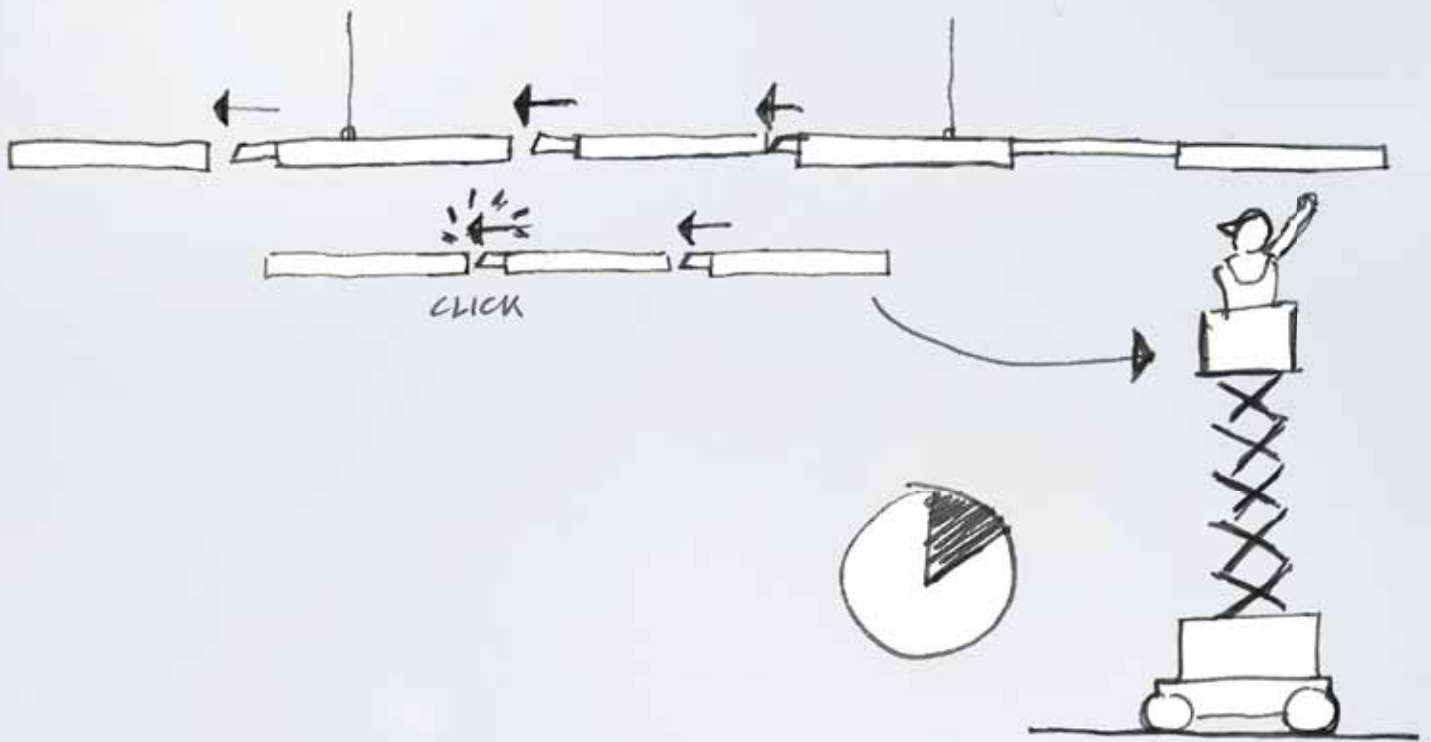
"Not at all. We designed the Coriflex together with the well-known design team of Billings Jackson Design. Our demands in terms of functionality and design were high. The luminaire after all stands for simplicity and complexity at a maximum technological level. Thus the design should be functional and elegant at the same time. And we achieved all this as well: with its purist form it blends smoothly into any room concept."



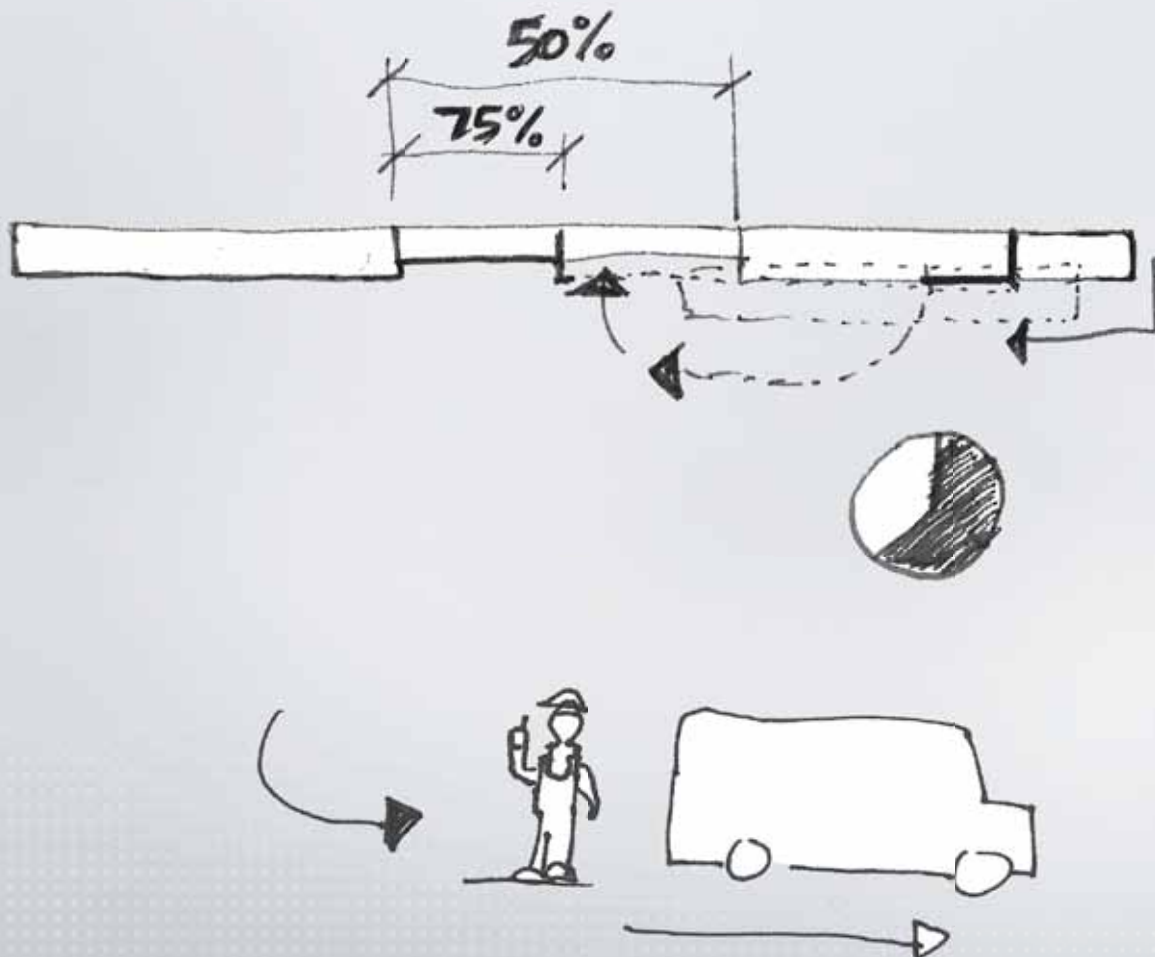


TRILUX Coriflex – our ideas.





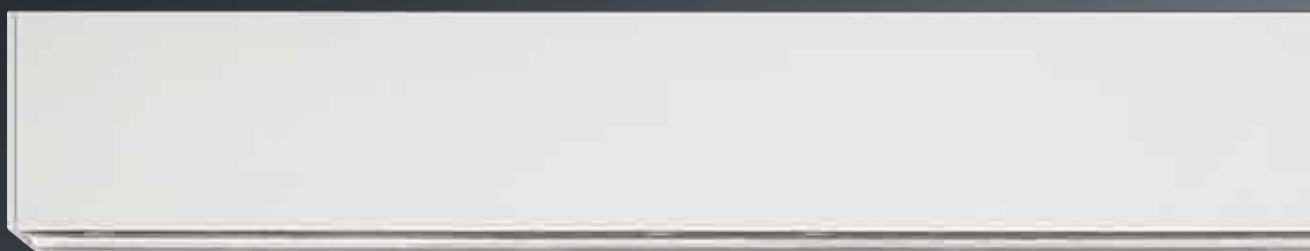
Light in a new dimension – Coriflex not only offers this with its purist and elegant form but also with innovative features that make the digital light system the ideal solution for various application sectors. Curious? Find out more...



TRILUX Coriflex – your benefits.

External circuit selection

Revolutionary: External Coriflex circuit selection guarantees time savings during mounting that were unknown until now.

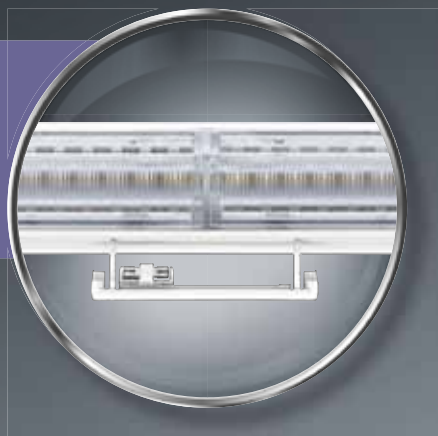


Whether with narrow or narrow wide distribution or workstation-compatible, Coriflex unites various optics and light colours within one continuous line. While individual modules can be combined according to requirements, the appearance of the luminaire always stays the same.



Setting in scene: Conventional spots can be integrated with the 3-circuit track module to achieve targeted light accents.*





Industrial halls or offices

Various optical systems ranging from narrow distribution to double asymmetric mean perfect illumination for all rooms.*



Rapid installation

Thanks to plug and play, mounting is child's play. Automatically aligning electrical and mechanical connections make this possible.

*Asymmetric optic and tracks available for delivery from 1st quarter of 2013.

Adaptable

Coriflex comes with various options for surface-mounted or suspended versions. Whether for warehouses, production bays or workshops, Coriflex with its unprecedented flexibility optimally meets the requirements of many different areas.

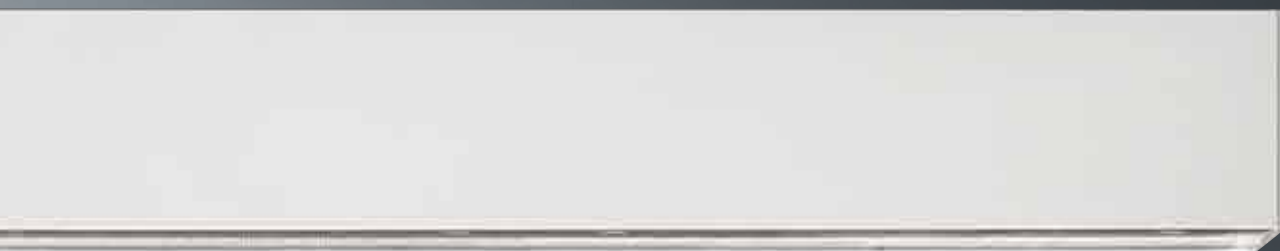


Light only where it is needed: If only a low illuminance level is needed zonally, then blind modules are used.





Perfect integration: With two different design variants of the end module, Coriflex blends harmoniously into all surroundings.



Highly variable and efficient: The individual modules of the continuous line are not only exchangeable, but can be shifted within the light system with a few flicks of the wrist.



Coriflex – light in a new dimension.



In direct dialogue with customers and partners, TRILUX has developed an LED light system that meets the diverse needs of a modern light system and that casts all continuous lines known until now into the shadows. The all-in-one solution enables 50 % time saving during mounting and offers almost unlimited design flexibility in various applications such as industry, education and office.

Intelligent concept: Planning is done very quickly thanks to the uniform module length of 1.13 metres. Also, every delivery has a detailed installation plan so that installers know precisely where each module has to be installed in the continuous line.

Time-saving: The clever Coriflex concept allows exceedingly high time and work saving during installation: up to 50 %: The usual components such as mounting rail, gear tray and reflectors are already integrated in the „all-in-one“ solution.

Consistent: Coriflex with its purist form blends into any room concept. The appearance, independent of the luminaire module used, is always identical.

Adaptable: Coriflex convinces with high variability in terms of luminous flux, light colour and optics, making it suitable for a wide range of applications.

Flexible: The compact modules of the digital light system enable flexible installation. Subsequent retrofitting on-site is also simple.

Design language:

With its clear language of design and uniform illuminance across the complete luminaire length, Coriflex seamlessly blends into any room concept. Its appearance, independent of the luminaire module used, is always identical.

Packaging:

Less is more: The newly developed all-in-one light system cuts down on packing material and transport costs and also lessens warehouse volume. In addition, the Coriflex modules are delivered pre-sorted according to room, if needed. This means that time-saving and simple installation on-site is guaranteed.

Corner module:

The light system can follow building geometry and highlight this with the Coriflex corner module, for example in corridors with a 90° bend.





Office



Education



Industry



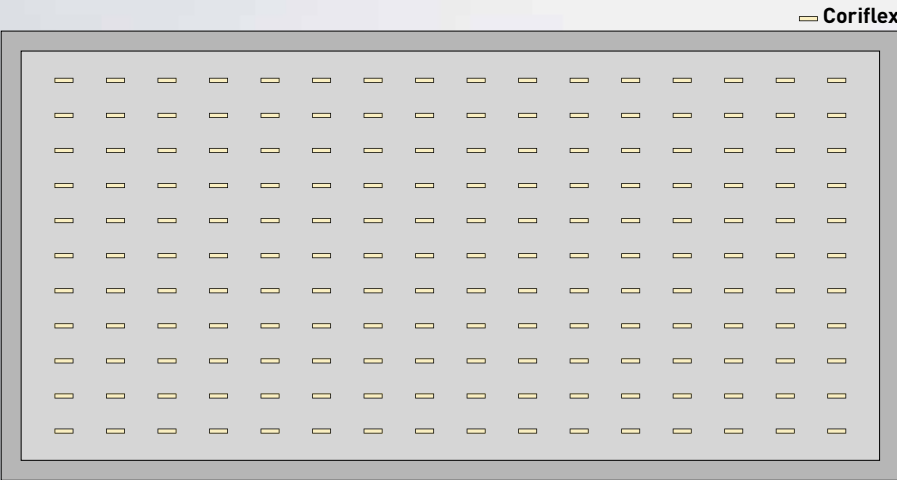
Industry



Industry

Extreme temperatures, dust and vibrations: Coriflex performs optimally in industrial applications even under difficult conditions. Low maintenance and a luminous efficacy of 95 lm/W ensure short amortisation times and low energy costs in running operation. The light points can also be set flexibly to ensure custom-fitted, efficient light planning. Wide suspension distances of up to 3 metres offer even more flexibility.

Planning example

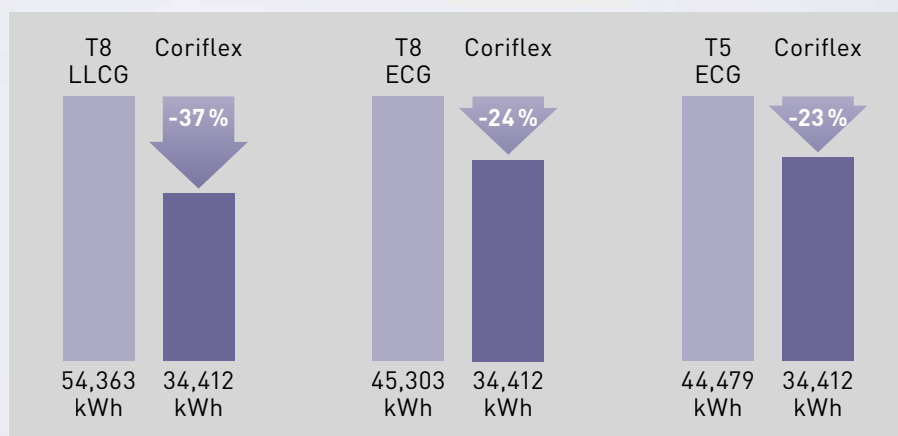


- Industrial hall: 55.00 m x 35.00 m
- Room height: 8.00 m
- Mounting height: 6.00 m
- Maintenance factor: 0.8

Industrial hall	New system LLCG	New system ECG	New system ECG	New system LED
Luminaire	New continuous line T8 – 1 x 58 LLCG with white reflector	New continuous line T8 – 1 x 58 ECG with white reflector	New continuous line T5 – 1 x 49 ECG with white reflector	Coriflex LED – 4,000 lm
Power consumption per luminaire	66 W	55 W	54 W	47 W
Number of luminaires in building	198 pieces	198 pieces	198 pieces	176 pieces
Total power consumption	13,068 W	10,285 W	10,692 W	8,272 W
Kilowatt hours p. a.	54,363 kWh	45,303 kWh	44,479 kWh	34,412 kWh
Energy costs per year	13,455 €*	11,212 €*	11,008 €*	8,517 €*

	T8 – LLCG	T8 – ECG	T5 – ECG
Potential energy savings	37 %	24 %	23 %
Saved kilowatt hours p. a.	19,951 kWh	10,891 kWh	10,067 kWh
Energy cost savings p. a.	4,938 €	2,696 €	2,492 €
CO₂ savings p. a.	11.97 tons	6.53 tons	6.04 tons

*Based on a nominal price per kWh of 0.18 € (lower electricity price due to shift work) in year 2012 and a yearly inflation rate of 5 % over 50,000 hours of service life.



Ordering example

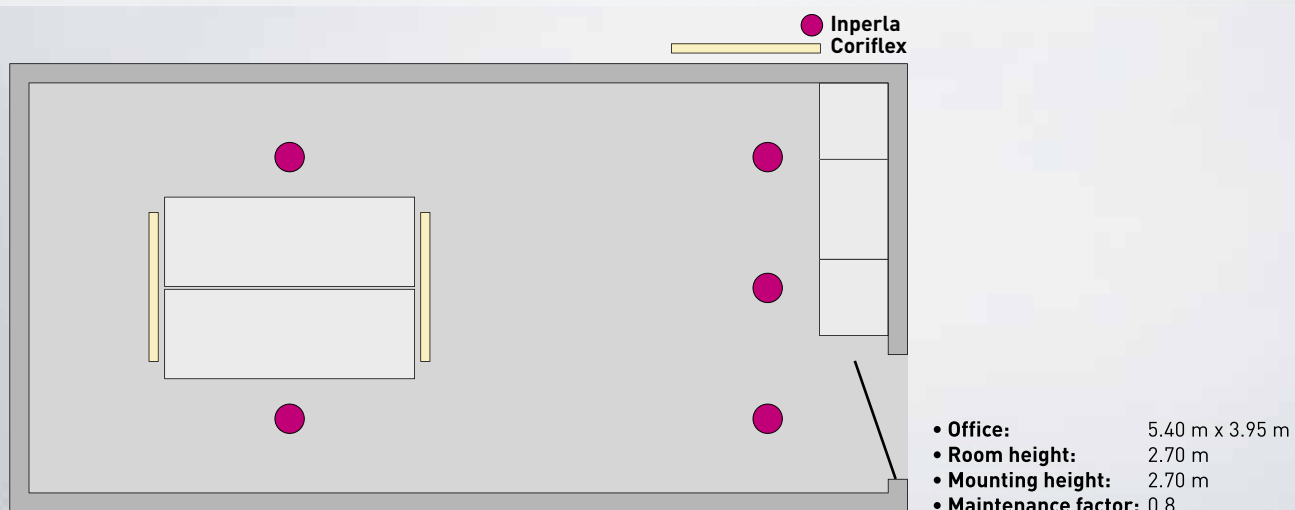
	Quantity	TOC	Designation	Description
	11	61 228 51	Cflex H1-E TB 4000-840 ETDD 01	Single or first luminaire, narrow wide distribution, 4,000 lm, 4,000 K, DALI dimmable, white
	165	61 226 51	Cflex H1-LM TB 4000-840 ETDD 01	Continuous line central or end luminaire, narrow wide distribution, 4,000 lm, 4,000 K, DALI dimmable, white
	330	61 752 00	Cflex H1-LM BL 01	Continuous line central or end blind luminaire, white
	11	61 268 00	Cflex KSE/E-3PH VB 01	Standard end cap, with mains feed, white
	11	61 269 00	Cflex KSE/LM-3PH 01	Standard end cap, white
	200	61 265 00	Cflex ASKX/3000	Spiral eyelet system for rapid chain mounting (adjustable), length 3,000 mm



Office

Efficient light for pleasant work: Coriflex also scores top points in offices with many features. Thanks to LCL technology (Low Contrast Light) it emits glare-free light complying with standards for computer screen work. Its direct/indirect distribution optic and an integral light management system make it an effective and energy-efficient lighting solution that adapts to very different room structures. Connection elements enable continuous mounting of the light system even in rooms with lots of corners and corridors.

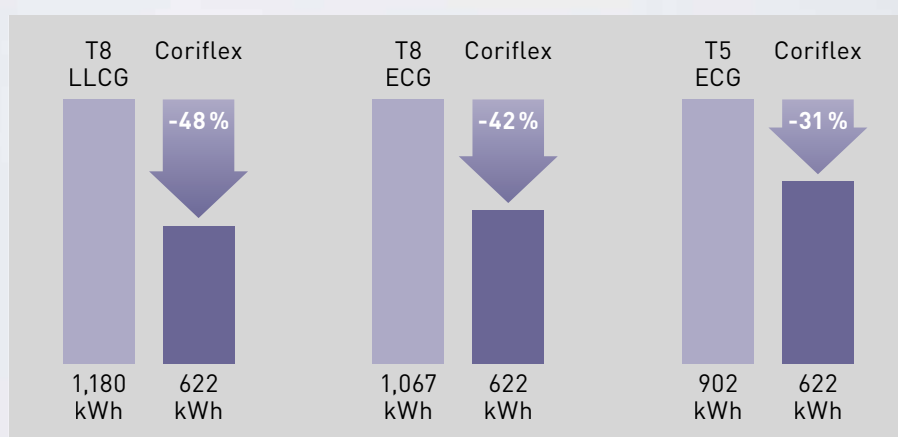
Planning example



Office	New system LLCG	New system ECG	New system ECG	New system LED
Luminaire	New recessed luminaire T8 – 4 x 18 LLCG + TCT – 1 x 26 LLCG	New recessed luminaire T8 – 4 x 18 ECG + TCT – 1 x 26 ECG	New recessed luminaire T5 – 4 x 14 ECG + TCT – 1 x 26 ECG	Coriflex LED – 4,000 lm + Inperla – 2,000/1,100 lm
Power consumption per luminaire	84 W + 31 W	76 W + 28 W	61 W + 28 W	47 W + 32 W + 18 W
Number of luminaires in building	4 + 3 pieces	4 + 3 pieces	4 + 3 pieces	2 + 3 + 2 pieces
Total power consumption	429 W	388 W	328 W	226 W
Kilowatt hours p. a.	1,180 kWh	1,067 kWh	902 kWh	622 kWh
Energy costs per year	324 €*	293 €*	248 €*	170 €*

	T8 – VVG	T8 – EVG	T5 – EVG
Potential energy savings	48 %	42 %	31 %
Saved kilowatt hours p. a.	558 kWh	445 kWh	280 kWh
Energy cost savings p. a.	154 €	123 €	77 €
CO₂ savings p. a.	0.34 tons	0.27 tons	0.17 tons

*Based on a nominal price per kWh of 0.20 € in year 2012 and a yearly inflation rate of 5 % over 50,000 hours of service life.



Ordering example

	Quantity	TOC	Designation	Description
	2	61 608 51	Cflex H1-E TB 4000-830 ETDD I2	Single or first luminaire, narrow wide distribution, 4,000 lm, 3,000 K, DALI dimmable, anthracite
	2	61 877 00	Cflex KSE/E-3PH VB I2	Standard end cap, with mains feed, anthracite
	2	61 879 00	Cflex KSE/LM-3PH I2	Standard end cap, anthracite
	4	61 869 00	Cflex DX	Fixing clamp for ceiling mounting
	3	58 909 51	Inperla C2 HR LED 2000 ww ETDD 03	Downlight, highly specular reflector, 2,000 lm, 3,000 K, DALI dimmable, silver
	2	58 639 51	Inperla C2 HR LED 1100 ww ETDD 03	Downlight, highly specular reflector, 1,100 lm, 3,000 K, DALI dimmable, silver

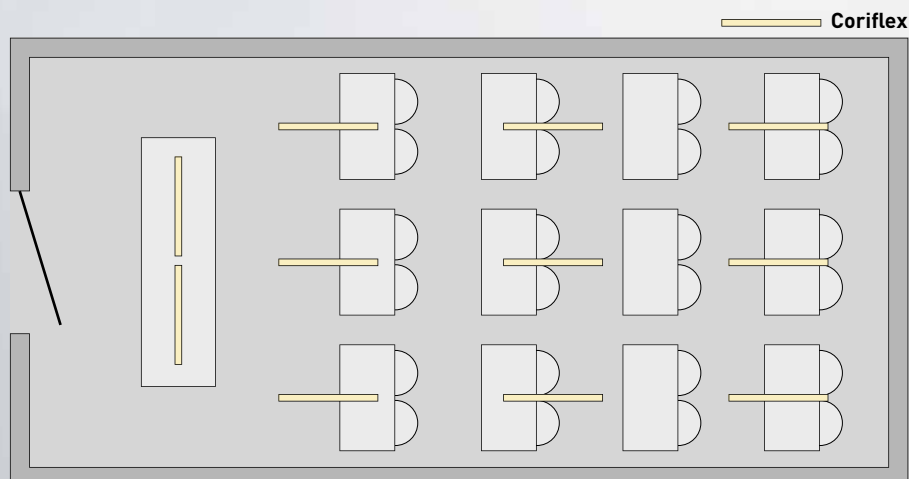
Luminaires with UGR19 optic are available for delivery from April 2013.



Education

The requirements for lighting in the educational sector are as high as the learning content itself. For example working at a screen needs a different type of lighting than for experimenting in physics and chemistry rooms. Coriflex in all these areas ensures optimal illumination. In addition, long maintenance intervals, safe, low-cost and rapid mounting and simple cleaning of the light system means it is the ideal solution for classrooms and seminar rooms.

Planning example



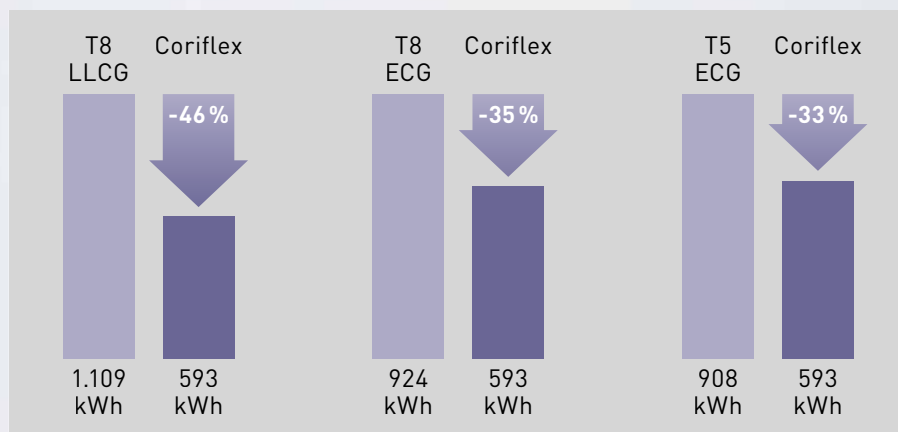
- **Education:** 9.60 m x 7.20 m
- **Room height:** 3.00 m
- **Mounting height:** 3.00 m
- **Maintenance factor:** 0.8

Asymmetric light distribution for blackboard lighting is not contained in the planning example.
Asymmetric optic available for delivery from 1st quarter of 2013.

Education	New system LLCG	New system ECG	New system ECG	New system LED
Luminaire	New surface-mounted luminaire T8 – 1 x 58 LLCG	New surface-mounted luminaire T8 – 1 x 58 ECG	New surface-mounted luminaire T5 – 1 x 49 ECG	Coriflex LED – 4,000 lm
Power consumption per luminaire	66 W	55 W	54 W	47 W
Number of luminaires in building	12 pieces	12 pieces	12 pieces	9 pieces
Total power consumption	792 W	660 W	648 W	423 W
Kilowatt hours p. a.	1,109 kWh	924 kWh	908 kWh	593 kWh
Energy costs per year	305 €*	254 €*	249 €*	163 €*

	T8 – VVG	T8 – EVG	T5 – EVG
Potential energy savings	46 %	35 %	33 %
Saved kilowatt hours p. a.	516 kWh	331 kWh	315 kWh
Energy cost savings p. a.	142 €	91 €	87 €
CO₂ savings p. a.	0.31 tons	0.19 tons	0.18 tons

*Based on a nominal price per kWh of 0.20 € in year 2012 and a yearly inflation rate of 5 % over 50,000 hours of service life.



Ordering example

	Quantity	TOC	Designation	Description
	9	61 612 40	Cflex H1-E TB 4000-840 ET 03	Single or first luminaire, narrow wide distribution, 4,000 lm, 4,000 K, switchable, silver
	9	61 876 00	Cflex KSE/E-3PH VB 03	Standard end cap, with mains feed, silver
	9	61 878 00	Cflex KSE/LM-3PH 03	Standard end cap, silver
	18	61 869 00	Cflex DX	Fixing clamp for ceiling mounting

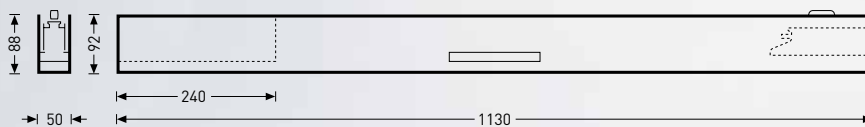
Luminaires with UGR19 optic are available for delivery from April 2013.

How does the modular construction work?

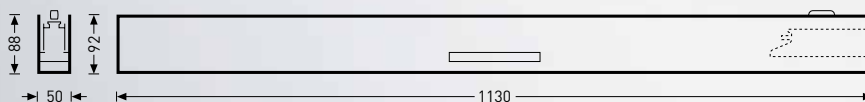
All Coriflex elements can be combined with each other at random. The start and end modules are available in two designs. For example, the variant with offset end cap is suitable for design-oriented, representative application areas. When equipped with flush end caps, Coriflex is protected from dust and soiling and is thus ideal for industrial environments.

Start module

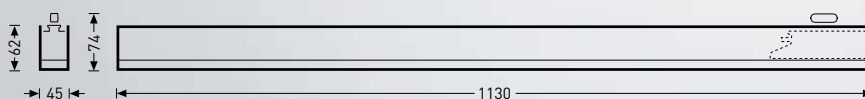
Design start module ...LA...



Classic start or single module ...E...

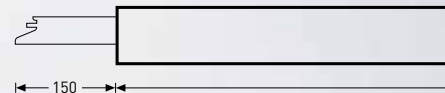


Start or single blind module ...E-BL...

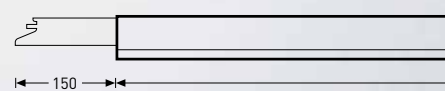


Central module

Classic central or end module ...LM...



Central or end blind module ...LM-BL...





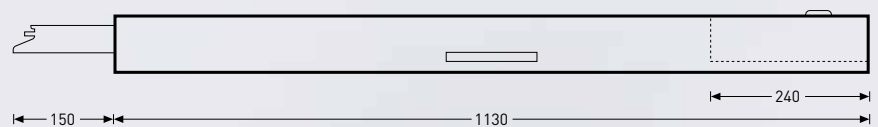
Design end module



Classic end module

End module

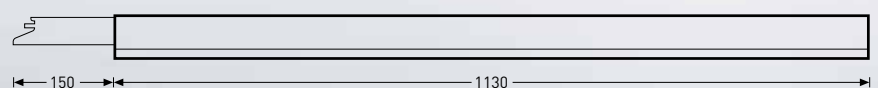
Design end module ...LE...



Classic central or end module ...LM...



Central or end blind module ...LM-BL...



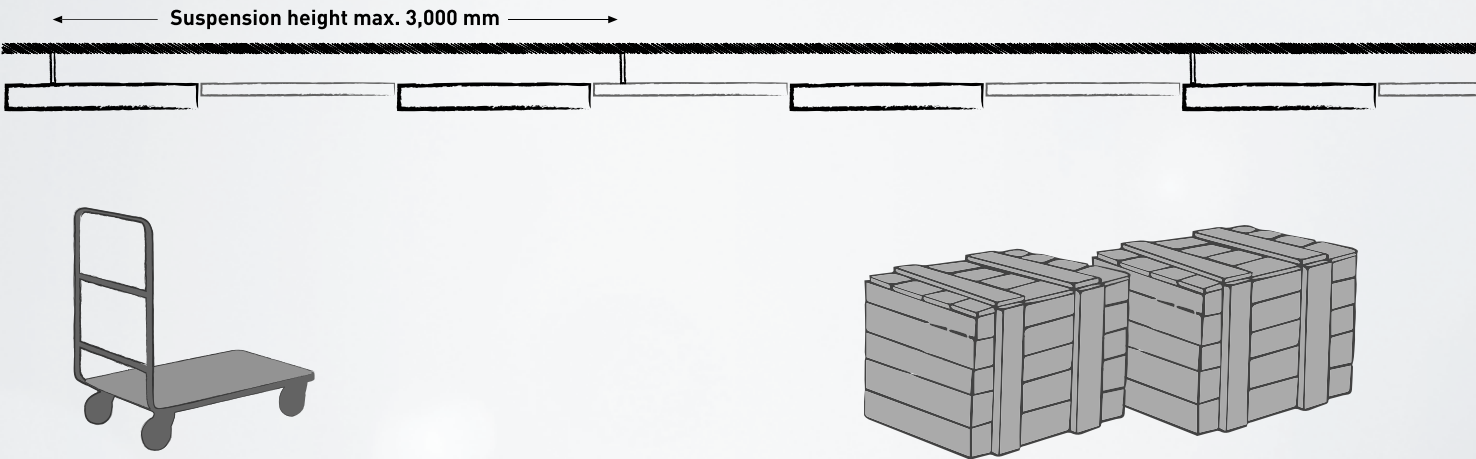
Coriflex planning example

Combination Product designation

Product name/ Version	Module type		Optic	Luminaire luminous flux
Cflex	E	→ classic single or first luminaire	DA → double asymmetric	4,000 → 4,000 lm, UGR25
H1 → surface-mounted or suspended	LM	→ classic continuous line central or end luminaire	TB → narrow wide distribution	3,500 → 3,500 lm, UGR22
	LA	→ continuous line start luminaire (design)	T → narrow distribution	
	LE	→ continuous line end luminaire (design)		
	E-BL	→ single or start blind module		
	LM-BL	→ continuous line central or end blind module		

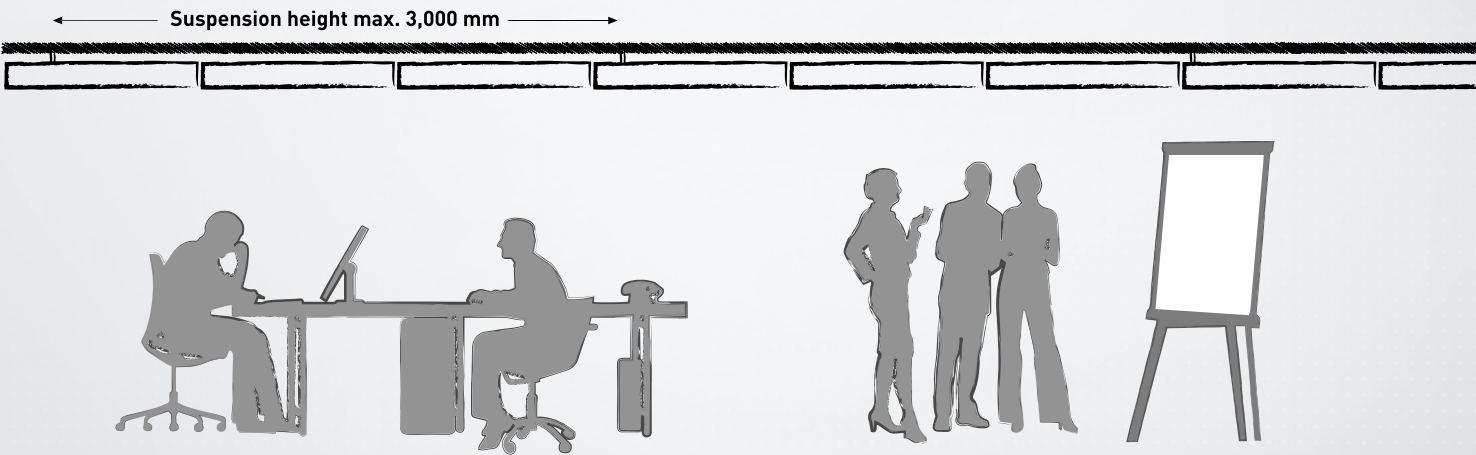
Example for industry

15-length continuous line, classic design, suspended version 1,500 mm suspension height, with blind modules, narrow distribution, luminous flux 4,000 lm, light colour 4,000 K, white, switchable, end feed



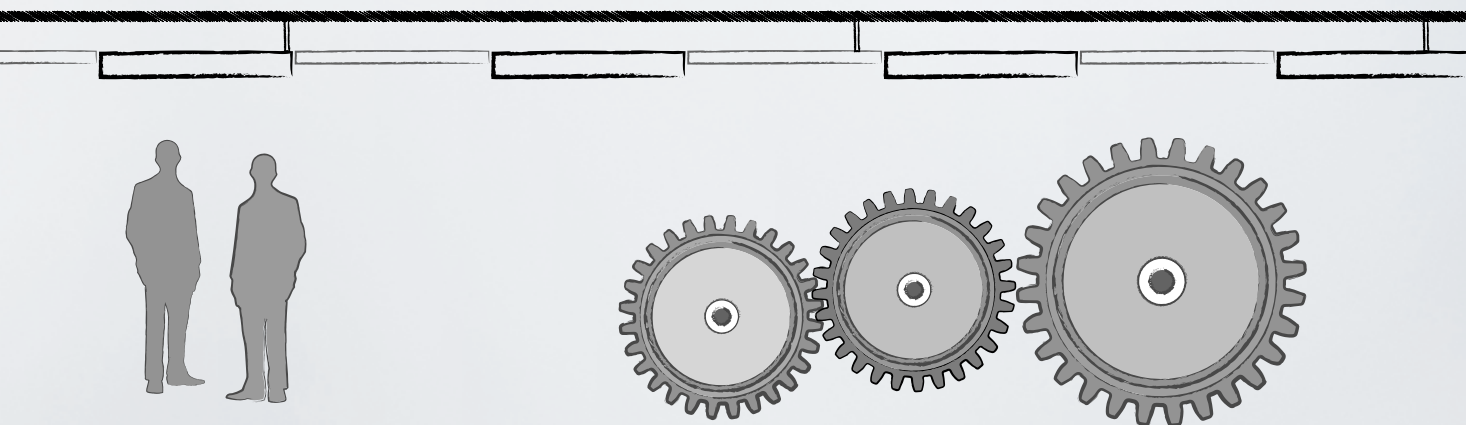
Example for office

15-length continuous line, design variant, ceiling surface-mounted, narrow wide distribution, luminous flux 3,500 lm, light colour 3,000 K, silver, DALI dimmable, central feed



Colour rendering/ Light colour	Switching type	Emergency light	Colour
830 → RA > 80; 3,000 K	ET → switchable	EB3 → single battery 3h	01 → white
840 → RA > 80; 4,000 K	ETDD → DALI dimmable	UR → switching relay	03 → silver
			I2 → anthracite

Quantity	TOC	Designation	Description
1 x	61 227 40	Cflex H1-E T 4000-840 ET 01	Classic start or single module
7 x	61 225 40	Cflex H1-LM T 4000-840 ET 01	Classic central or end module
7 x	61 752 00	Cflex H1-LM BL 01	Central or end blind module
1 x	61 268 00	Cflex KSE/E-3PH VB 01	End cap for start or single luminaire, with mains feed
1 x	61 269 00	Cflex KSE/LM-3PH 01	End cap for continuous line central or end luminaire
6 x	61 264 00	Cflex ASKX/1500	Spiral eyelet system for rapid chain mounting, length 1,500 mm



Quantity	TOC	Designation	Description
1 x	61 657 51	Cflex H1-LA TB 3500-830 ETDD 03	Design start module
13 x	61 827 51	Cflex H1-LM TB 3500-830 ETDD 03	Classic central or end module
1 x	61 705 51	Cflex H1-LE TB 3500-830 ETDD 03	Design end module
2 x	61 874 00	Cflex KSLE/LM-BL 03	End cap for continuous line end luminaire (design)
1 x	61 880 00	Cflex VS	Connection plug for central mains feed
6 x	61 869 00	Cflex DX	Ceiling fixing clamp



Coriflex




Luminaires without emergency light insert






 IP40 650° C (PMMA) 2 joules



				Classic start or single module Cflex H1-E...			Classic central or end module Cflex H1-LM...		
				white ...01	silver ...03	anthracite ...I2	white ...01	silver ...03	anthracite ...I2
				TOC	TOC	TOC	TOC	TOC	TOC
Blind module				-	-	-	-	-	-
 T narrow distribution	Luminous flux 3,500 lm	Light colour 3,000 K		61 550 40 61 550 51	61 551 40 61 551 51	61 555 40 61 555 51	61 791 40 61 791 51	61 792 40 61 792 51	61 796 40 61 796 51
		Light colour 4,000 K		61 559 40 61 559 51	61 560 40 61 560 51	61 564 40 61 564 51	61 800 40 61 800 51	61 801 40 61 801 51	61 805 40 61 805 51
	Luminous flux 4,000 lm	Light colour 3,000 K		61 568 40 61 568 51	61 569 40 61 569 51	61 573 40 61 573 51	61 809 40 61 809 51	61 810 40 61 810 51	61 814 40 61 814 51
		Light colour 4,000 K		61 227 40 61 227 51	61 577 40 61 577 51	61 581 40 61 581 51	61 225 40 61 225 51	61 818 40 61 818 51	61 822 40 61 822 51
	Luminous flux 3,500 lm	Light colour 3,000 K		61 585 40 61 585 51	61 586 40 61 586 51	61 590 40 61 590 51	61 826 40 61 826 51	61 827 40 61 827 51	61 831 40 61 831 51
		Light colour 4,000 K		61 594 40 61 594 51	61 595 40 61 595 51	61 599 40 61 599 51	61 835 40 61 835 51	61 836 40 61 836 51	61 840 40 61 840 51
 TB narrow wide distribution	Luminous flux 4,000 lm	Light colour 3,000 K		61 603 40 61 603 51	61 604 40 61 604 51	61 608 40 61 608 51	61 844 40 61 844 51	61 845 40 61 845 51	61 849 40 61 849 51
		Light colour 4,000 K		61 228 40 61 228 51	61 612 40 61 612 51	61 616 40 61 616 51	61 226 40 61 226 51	61 853 40 61 853 51	61 857 40 61 857 51
	Luminous flux 3,500 lm	Light colour 3,000 K		61 514 40 61 514 51	61 515 40 61 515 51	61 519 40 61 519 51	61 755 40 61 755 51	61 756 40 61 756 51	61 760 40 61 760 51
		Light colour 4,000 K		61 523 40 61 523 51	61 524 40 61 524 51	61 528 40 61 528 51	61 764 40 61 764 51	61 765 40 61 765 51	61 769 40 61 769 51
	Luminous flux 4,000 lm	Light colour 3,000 K		61 532 40 61 532 51	61 533 40 61 533 51	61 537 40 61 537 51	61 773 40 61 773 51	61 774 40 61 774 51	61 778 40 61 778 51
		Light colour 4,000 K		61 541 40 61 541 51	61 542 40 61 542 51	61 546 40 61 546 51	61 782 40 61 782 51	61 783 40 61 783 51	61 787 40 61 787 51
 DA double asymmetric	Luminous flux 3,500 lm	Light colour 3,000 K		61 514 40 61 514 51	61 515 40 61 515 51	61 519 40 61 519 51	61 755 40 61 755 51	61 756 40 61 756 51	61 760 40 61 760 51
		Light colour 4,000 K		61 523 40 61 523 51	61 524 40 61 524 51	61 528 40 61 528 51	61 764 40 61 764 51	61 765 40 61 765 51	61 769 40 61 769 51
	Luminous flux 4,000 lm	Light colour 3,000 K		61 532 40 61 532 51	61 533 40 61 533 51	61 537 40 61 537 51	61 773 40 61 773 51	61 774 40 61 774 51	61 778 40 61 778 51
		Light colour 4,000 K		61 541 40 61 541 51	61 542 40 61 542 51	61 546 40 61 546 51	61 782 40 61 782 51	61 783 40 61 783 51	61 787 40 61 787 51
	Luminous flux 3,500 lm	Light colour 3,000 K		61 514 40 61 514 51	61 515 40 61 515 51	61 519 40 61 519 51	61 755 40 61 755 51	61 756 40 61 756 51	61 760 40 61 760 51
		Light colour 4,000 K		61 523 40 61 523 51	61 524 40 61 524 51	61 528 40 61 528 51	61 764 40 61 764 51	61 765 40 61 765 51	61 769 40 61 769 51
	Luminous flux 4,000 lm	Light colour 3,000 K		61 532 40 61 532 51	61 533 40 61 533 51	61 537 40 61 537 51	61 773 40 61 773 51	61 774 40 61 774 51	61 778 40 61 778 51
		Light colour 4,000 K		61 541 40 61 541 51	61 542 40 61 542 51	61 546 40 61 546 51	61 782 40 61 782 51	61 783 40 61 783 51	61 787 40 61 787 51



Design start module			Design end module			Start or single blind module			Central or end blind module		
Cflex H1-LA-...			Cflex H1-LE...			Cflex H1-E BL			Cflex H1-LM BL...		
white ...01	silver ...03	anthracite ...I2	white ...01	silver ...03	anthracite ...I2	white ...01	silver ...03	anthracite ...I2	white ...01	silver ...03	anthracite ...I2
TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC
-	-	-	-	-	-	61 511 00	61 512 00	61 513 00	61 752 00	61 753 00	61 754 00

61 644 40	61 645 40	61 646 40	61 692 40	61 693 40	61 694 40	-	-	-	-	-	-
61 644 51	61 645 51	61 646 51	61 692 51	61 693 51	61 694 51	-	-	-	-	-	-

61 647 40	61 648 40	61 649 40	61 695 40	61 696 40	61 697 40	-	-	-	-	-	-
61 647 51	61 648 51	61 649 51	61 695 51	61 696 51	61 697 51	-	-	-	-	-	-

61 650 40	61 651 40	61 652 40	61 698 40	61 699 40	61 700 40	-	-	-	-	-	-
61 650 51	61 651 51	61 652 51	61 698 51	61 699 51	61 700 51	-	-	-	-	-	-

61 653 40	61 654 40	61 655 40	61 701 40	61 702 40	61 703 40	-	-	-	-	-	-
61 653 51	61 654 51	61 655 51	61 701 51	61 702 51	61 703 51	-	-	-	-	-	-

61 656 40	61 657 40	61 658 40	61 704 40	61 705 40	61 706 40	-	-	-	-	-	-
61 656 51	61 657 51	61 658 51	61 704 51	61 705 51	61 706 51	-	-	-	-	-	-

61 659 40	61 660 40	61 661 40	61 707 40	61 708 40	61 709 40	-	-	-	-	-	-
61 659 51	61 660 51	61 661 51	61 707 51	61 708 51	61 709 51	-	-	-	-	-	-

61 662 40	61 663 40	61 664 40	61 710 40	61 711 40	61 712 40	-	-	-	-	-	-
61 662 51	61 663 51	61 664 51	61 710 51	61 711 51	61 712 51	-	-	-	-	-	-

61 665 40	61 666 40	61 667 40	61 713 40	61 714 40	61 715 40	-	-	-	-	-	-
61 665 51	61 666 51	61 667 51	61 713 51	61 714 51	61 715 51	-	-	-	-	-	-

61 632 40	61 633 40	61 634 40	61 680 40	61 681 40	61 682 40	-	-	-	-	-	-
61 632 51	61 633 51	61 634 51	61 680 51	61 681 51	61 682 51	-	-	-	-	-	-

61 635 40	61 636 40	61 637 40	61 683 40	61 684 40	61 685 40	-	-	-	-	-	-
61 635 51	61 636 51	61 637 51	61 683 51	61 684 51	61 685 51	-	-	-	-	-	-

61 638 40	61 639 40	61 640 40	61 686 40	61 687 40	61 688 40	-	-	-	-	-	-
61 638 51	61 639 51	61 640 51	61 686 51	61 687 51	61 688 51	-	-	-	-	-	-

61 641 40	61 642 40	61 643 40	61 689 40	61 690 40	61 691 40	-	-	-	-	-	-
61 641 51	61 642 51	61 643 51	61 689 51	61 690 51	61 691 51	-	-	-	-	-	-

...40 ET With electronic transformer, switchable.
 ...51 ETDD With electronic transformer, DALI dimmable.

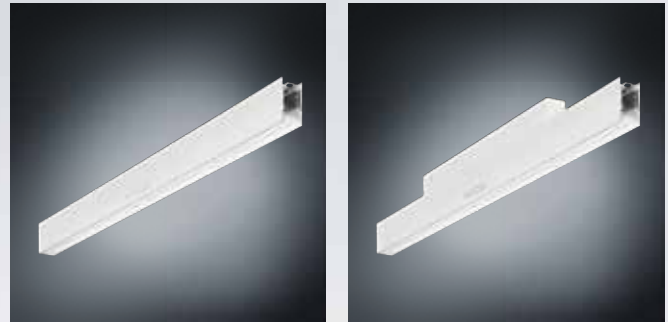
Coriflex




Luminares with emergency light insert





 IP40 650° C (PMMA) 2 joules



			Classic start or single module with switching relay Cflex H1-E UR...*			Classic start or single module with single battery Cflex H1-E EB...*		
			white ...01	silver ...03	anthracite ...12	white ...01	silver ...03	anthracite ...12
3-circuit track module			TOC	TOC	TOC	TOC	TOC	TOC
			-	-	-	-	-	-
 T narrow distribution	Luminous flux 3,500 lm	Light colour 3,000 K	61 556 40 61 556 51	61 557 40 61 557 51	61 558 40 61 558 51	61 552 40 61 552 51	61 553 40 61 553 51	61 554 40 61 554 51
		Light colour 4,000 K	61 565 40 61 565 51	61 566 40 61 566 51	61 567 40 61 567 51	61 561 40 61 561 51	61 562 40 61 562 51	61 563 40 61 563 51
	Luminous flux 4,000 lm	Light colour 3,000 K	61 574 40 61 574 51	61 575 40 61 575 51	61 576 40 61 576 51	61 570 40 61 570 51	61 571 40 61 571 51	61 572 40 61 572 51
		Light colour 4,000 K	61 582 40 61 582 51	61 583 40 61 583 51	61 584 40 61 584 51	61 578 40 61 578 51	61 579 40 61 579 51	61 580 40 61 580 51
 TB narrow wide distribution	Luminous flux 3,500 lm	Light colour 3,000 K	61 591 40 61 591 51	61 592 40 61 592 51	61 593 40 61 593 51	61 587 40 61 587 51	61 588 40 61 588 51	61 589 40 61 589 51
		Light colour 4,000 K	61 600 40 61 600 51	61 601 40 61 601 51	61 602 40 61 602 51	61 596 40 61 596 51	61 597 40 61 597 51	61 598 40 61 598 51
	Luminous flux 4,000 lm	Light colour 3,000 K	61 609 40 61 609 51	61 610 40 61 610 51	61 611 40 61 611 51	61 605 40 61 605 51	61 606 40 61 606 51	61 607 40 61 607 51
		Light colour 4,000 K	61 617 40 61 617 51	61 618 40 61 618 51	61 619 40 61 619 51	61 613 40 61 613 51	61 614 40 61 614 51	61 615 40 61 615 51
 DA double asymmetric	Luminous flux 3,500 lm	Light colour 3,000 K	61 520 40 61 520 51	61 521 40 61 521 51	61 522 40 61 522 51	61 516 40 61 516 51	61 517 40 61 517 51	61 518 40 61 518 51
		Light colour 4,000 K	61 529 40 61 529 51	61 530 40 61 530 51	61 531 40 61 531 51	61 525 40 61 525 51	61 526 40 61 526 51	61 527 40 61 527 51
	Luminous flux 4,000 lm	Light colour 3,000 K	61 538 40 61 538 51	61 539 40 61 539 51	61 540 40 61 540 51	61 534 40 61 534 51	61 535 40 61 535 51	61 536 40 61 536 51
		Light colour 4,000 K	61 547 40 61 547 51	61 548 40 61 548 51	61 549 40 61 549 51	61 543 40 61 543 51	61 544 40 61 544 51	61 545 40 61 545 51

* Separate on-site mains feed required.



Classic central or end module with switching relay Cflex H1-LM UR...*			Classic central or end module with single battery Cflex H1-LM EB...*			Classic start or single module with 3-circuit track Cflex H1-E 3PH...*			Classic central or end module with 3-circuit track Cflex H1-LM 3PH...*		
white ...01	silver ...03	anthracite ...I2	white ...01	silver ...03	anthracite ...I2	white ...01	silver ...03	anthracite ...I2	white ...01	silver ...03	anthracite ...I2
TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC	TOC
-	-	-	-	-	-	from 1st quarter 2013	from 1st quarter 2013	from 1st quarter 2013	from 1st quarter 2013	from 1st quarter 2013	from 1st quarter 2013

61 797 40	61 798 40	61 799 40	61 793 40	61 794 40	61 795 40	-	-	-	-	-	-
61 797 51	61 798 51	61 799 51	61 793 51	61 794 51	61 795 51	-	-	-	-	-	-

61 806 40	61 807 40	61 808 40	61 802 40	61 803 40	61 804 40	-	-	-	-	-	-
61 806 51	61 807 51	61 808 51	61 802 51	61 803 51	61 804 51	-	-	-	-	-	-

61 815 40	61 816 40	61 817 40	61 811 40	61 812 40	61 813 40	-	-	-	-	-	-
61 815 51	61 816 51	61 817 51	61 811 51	61 812 51	61 813 51	-	-	-	-	-	-

61 823 40	61 824 40	61 825 40	61 819 40	61 820 40	61 821 40	-	-	-	-	-	-
61 823 51	61 824 51	61 825 51	61 819 51	61 820 51	61 821 51	-	-	-	-	-	-

61 832 40	61 833 40	61 834 40	61 828 40	61 829 40	61 830 40	-	-	-	-	-	-
61 832 51	61 833 51	61 834 51	61 828 51	61 829 51	61 830 51	-	-	-	-	-	-

61 841 40	61 842 40	61 843 40	61 837 40	61 838 40	61 839 40	-	-	-	-	-	-
61 841 51	61 842 51	61 843 51	61 837 51	61 838 51	61 839 51	-	-	-	-	-	-

61 850 40	61 851 40	61 852 40	61 846 40	61 847 40	61 848 40	-	-	-	-	-	-
61 850 51	61 851 51	61 852 51	61 846 51	61 847 51	61 848 51	-	-	-	-	-	-

61 858 40	61 859 40	61 860 40	61 854 40	61 855 40	61 856 40	-	-	-	-	-	-
61 858 51	61 859 51	61 860 51	61 854 51	61 855 51	61 856 51	-	-	-	-	-	-

61 761 40	61 762 40	61 763 40	61 757 40	61 758 40	61 759 40	-	-	-	-	-	-
61 761 51	61 762 51	61 763 51	61 757 51	61 758 51	61 759 51	-	-	-	-	-	-

61 770 40	61 771 40	61 772 40	61 766 40	61 767 40	61 768 40	-	-	-	-	-	-
61 770 51	61 771 51	61 772 51	61 766 51	61 767 51	61 768 51	-	-	-	-	-	-

61 779 40	61 780 40	61 781 40	61 775 40	61 776 40	61 777 40	-	-	-	-	-	-
61 779 51	61 780 51	61 781 51	61 775 51	61 776 51	61 777 51	-	-	-	-	-	-

61 788 40	61 789 40	61 790 40	61 784 40	61 785 40	61 786 40	-	-	-	-	-	-
61 788 51	61 789 51	61 790 51	61 784 51	61 785 51	61 786 51	-	-	-	-	-	-

...40 ET With electronic transformer, switchable.
...51 ETDD With electronic transformer, DALI dimmable.

Coriflex

End caps



Designation	TOC	kg	E			LM			LA		
			white	silver	anthracite	white	silver	anthracite	white	silver	anthracite
End caps for single or continuous line start luminaires; with mains feed											
Cflex KSE/E-3PH VB 01	61 268 00	0.2	●								
Cflex KSE/E-3PH VB 03	61 876 00	0.2		●							
Cflex KSE/E-3PH VB I2	61 877 00	0.2			●						



End caps for continuous line central or end luminaires											
Cflex KSE/LM-3PH 01	61 269 00	0.1	●*			●					
Cflex KSE/LM-3PH 03	61 878 00	0.1		●*			●				
Cflex KSE/LM-3PH I2	61 879 00	0.1			●*			●			



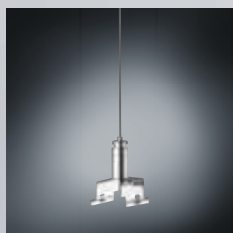
End caps for continuous line start luminaires (design); with mains feed											
Cflex KSLA/E-BL VB 01	61 870 00	0.2							●		
Cflex KSLA/E-BL VB 03	61 871 00	0.2								●	
Cflex KSLA/E-BL VB I2	61 872 00	0.2									●



End caps for continuous line end luminaires (design)											
Cflex KSLE/LM-BL 01	61 873 00	0.1							●*		
Cflex KSLE/LM-BL 03	61 874 00	0.1								●*	
Cflex KSLE/LM-BL I2	61 875 00	0.1									●*

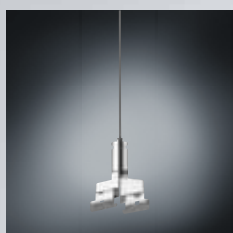
Coriflex – fixing accessories

Decorative wire suspension



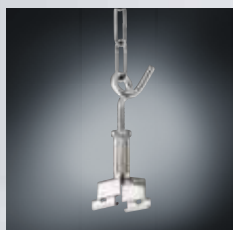
Designation	TOC	Description	≈kg
Cflex ADSX/1500	61 861 00	1 piece, consisting of steel wire, galvanised, Ø 1.75 mm, 1,500 mm long, with suspension clamp. Wire length adjustable without tools.	0.1
Cflex ADSX/3000	61 862 00	1 piece, consisting of steel wire, galvanised, Ø 1.75 mm, 3,000 mm long, with suspension clamp. Wire length adjustable without tools.	0.1
Cflex ADSX/6000	61 863 00	1 piece, consisting of steel wire, galvanised, Ø 1.75 mm, 6,000 mm long, with suspension clamp. Wire length adjustable without tools.	0.1

Wire suspension



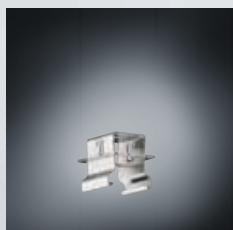
Designation	TOC	Description	≈kg
Cflex ASX/1500	61 864 00	1 piece, consisting of steel wire with loop, galvanised, Ø 1.75 mm, 1,500 mm long, with suspension clamp Cflex ESX. Wire length adjustable without tools.	0.1
Cflex ASX/3000	61 865 00	1 piece, consisting of steel wire with loop, galvanised, 1.75 mm, 3,000 mm long, with suspension clamp Cflex ESX. Wire length adjustable without tools.	0.1
Cflex ASX/6000	61 866 00	1 piece, consisting of steel wire with loop, galvanised, 1.75 mm, 6,000 mm long, with suspension clamp Cflex ESX. Wire length adjustable without tools.	0.1

Spiral eyelet system for rapid chain mounting (adjustable)



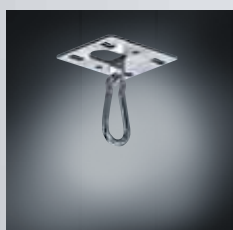
Designation	TOC	Description	≈kg
Cflex ASKX/1500	61 264 00	1 piece, consisting of link chain, bright zinc plated, length 1,500 mm, with adjustable spiral eyelet system. Suspension length adjusted steplessly without tools.	0.6
Cflex ASKX/3000	61 265 00	1 piece, consisting of link chain, bright zinc plated, length 3,000 mm, with adjustable spiral eyelet system. Suspension length adjusted steplessly without tools.	1.0
Cflex ASKX/6000	61 266 00	1 piece, consisting of link chain, bright zinc plated, length 6,000 mm, with adjustable spiral eyelet system. Suspension length adjusted steplessly without tools.	1.7

Ceiling fixing clamp



Designation	TOC	Description	≈kg
Cflex DX	61 869 00	1 piece, fixing clamp for direct ceiling mounting	0.2

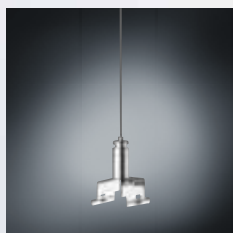
Ceiling mounting plate



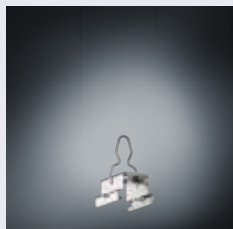
Designation	TOC	Description	≈kg
E01	23 420 00	Ceiling mounting plate, 1 piece, ceiling mounting plate with safety spring hook	0.2

Coriflex – fixing accessories

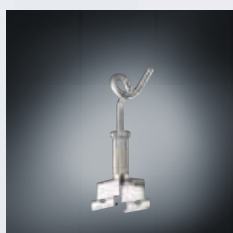
Suspension clamps



Designation	TOC	Description	≈kg
Cflex ESX	61 267 00	1 piece, for wire suspensions together with accessory E 06 and E 07. Stainless steel, non-rusting, for tool-free fixing to trunking. Wire length adjustable without tools.	0.1



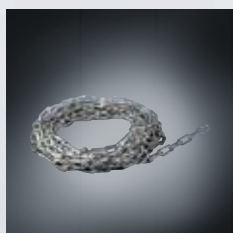
Designation	TOC	Description	≈kg
Cflex ESKX	61 867 00	1 piece, spiral eyelet system for rapid chain mounting (adjustable)	0.3



Designation	TOC	Description	≈kg
Cflex EKV	61 868 00	1 piece, suspension clamp for chain suspension	0.1

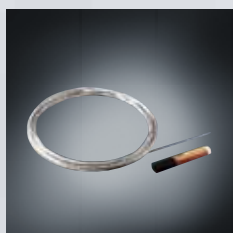
Suspension distance of max. 3 metres applies for all fixing accessories.

Link chain



Designation	TOC	Description	≈kg
E04	23 434 00	Link chain, length 20 m, can be cut to suit on-site	4.5

Steel wire



Designation	TOC	Description	≈kg
E06	23 437 00	Length 20 m, with instant glue for fixing wire ends	0.3

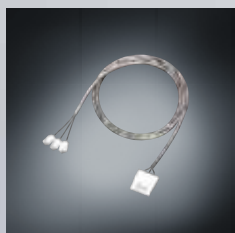
Wire accessories



Designation	TOC	Description	≈kg
E07	23 438 00	Wire accessories, 1 set (12 pcs.), for wire suspensions with E 06 and E 07	0.1

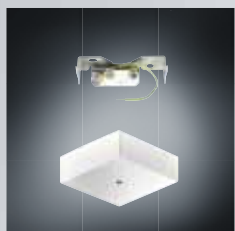
Coriflex – supply cables

Transparent cables



Designation	TOC	Description	≈kg
Cflex ZZT/315/1500	61 469 00	3 x 1.5 mm ² transparent cable, for suspension lengths to 1,500 mm	0.1
Cflex ZZT/315/3000	61 470 00	3 x 1.5 mm ² transparent cable, for suspension lengths to 3,000 mm	0.3
Cflex ZZT/315/6000	61 471 00	3 x 1.5 mm ² transparent cable, for suspension lengths to 6,000 mm	0.5
Cflex ZZT/515/1500	61 472 00	5 x 1.5 mm ² transparent cable, for suspension lengths to 1,500 mm	0.2
Cflex ZZT/515/3000	61 473 00	5 x 1.5 mm ² transparent cable, for suspension lengths to 3,000 mm	0.4
Cflex ZZT/515/6000	61 474 00	5 x 1.5 mm ² transparent cable, for suspension lengths to 6,000 mm	0.8

Ceiling roses



Designation	TOC	Description	≈kg
ZAE/01 315	46 917 00	Ceiling rose, for connection of 3-pole mains cable via ceiling outlets, square, white, 1 piece	0.2
ZAE/03 315	46 918 00	Ceiling rose, for connection of 3-pole mains cable via ceiling outlets, square, silver, 1 piece	0.2
ZAE/I2 315	61 914 00	Ceiling rose, for connection of 3-pole mains cable via ceiling outlets, square, anthracite, 1 piece	0.2
ZAE/01 515	61 915 00	Ceiling rose, for connection of 5-pole mains cable via ceiling outlets, square, white, 1 piece	0.2
ZAE/03 515	61 916 00	Ceiling rose, for connection of 5-pole mains cable via ceiling outlets, square, silver, 1 piece	0.2
ZAE/I2 515	61 917 00	Ceiling rose, for connection of 5-pole mains cable via ceiling outlets, square, anthracite, 1 piece	0.2

Coriflex – other accessories

Cable channel for blind profile



Designation	TOC	Description	≈kg
Cflex KK PC 01	61 409 00	1 piece, cable sheathing for blind profile of PC, white	0.3
Cflex KK PC 03	61 410 00	1 piece, cable sheathing for blind profile of PC, silver	0.3
Cflex KK PC I2	61 411 00	1 piece, cable sheathing for blind profile of PC, anthracite	0.3

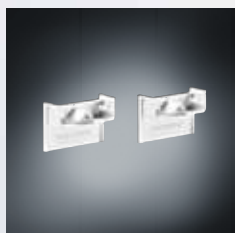
Cable restraints



Designation	TOC	Description	≈kg
Cflex LH PC 01	61 412 00	3 pieces, cable restraint of PC, white	0.1
Cflex LH PC 03	61 413 00	3 pieces, cable restraint of PC, silver	0.1
Cflex LH PC I2	61 414 00	3 pieces, cable restraint of PC, anthracite	0.1

Coriflex – other accessories

End caps for blind cover



Designation	TOC	Description	≈kg
Cflex BL KS 01	61 464 00	1 pair, end caps for blind cover, white	0.1
Cflex BL KS 03	61 465 00	1 pair, end caps for blind cover, silver	0.1
Cflex BL KS I2	61 466 00	1 pair, end caps for blind cover, anthracite	0.1

Central infeed



Designation	TOC	Description	≈kg
Cflex VS	61 880 00	1 piece, connection plug for central mains feed	0.1

Technical information

Luminaire data

	Narrow distribution	Narrow wide distribution	Double asymmetric
Code	T	TB	DA
Protection rating	IP40	IP40	IP40
Connected load	40 W (at 3,500 lm)	40 W (at 3,500 lm)	40 W (at 3,500 lm)
	47 W (at 4,000 lm)	47 W (at 4,000 lm)	47 W (at 4,000 lm)
Luminous flux	3,500 lm	3,500 lm	3,500 lm
	4,000 lm	4,000 lm	4,000 lm
Colour rendering/ colour temperature	840 (Ra > 80, 4,000 K) 830 (Ra > 80, 3,000 K)	840 (Ra > 80, 4,000 K) 830 (Ra > 80, 3,000 K)	840 (Ra > 80, 4,000 K) 830 (Ra > 80, 3,000 K)
Ballasts	ET, switchable ETDD, DALI dimmable	ET, switchable ETDD, DALI dimmable	ET, switchable ETDD, DALI dimmable
Service life	50,000 h	50,000 h	50,000 h
Colour	white – 01 silver – 03 anthracite – I2	white – 01 silver – 03 anthracite – I2	white – 01 silver – 03 anthracite – I2
Weight	Luminaire module: 4.5 kg Blind module: 2.2 kg	Luminaire module: 4.5 kg Blind module: 2.2 kg	Luminaire module: 4.5 kg Blind module: 2.2 kg

Overview of max. number of luminaires on one circuit

Cable cross-section for feeding	Fusing	Automatic circuitbreaker	No. of devices on one circuit*
2.5 mm ²	16 A	Type B	20 pieces
2.5 mm ²	16 A	Type C	32 pieces
1.5 mm ²	10 A	Type B	12 pieces
1.5 mm ²	10 A	Type C	20 pieces

*Coriflex VS to be used for central feeding when exceeding the max. admissible number of modules, see page 35.

Planning notes Material summary

Continuous line length	Modules	Start module Optionally: E – classic start or single module LA – design start module E BL – first or single blind module	Central module Optionally: LM – continuous line central or end luminaire LM BL – continuous line central or end blind module	End module Optionally: LM – continuous line central or end luminaire LE – continuous line end luminaire (design) LM BL – continuous line central or end blind module	Fixing points
m	Number	Pieces	Pieces	Pieces	Pieces
1.13	1	1	-	-	2
2.26	2	1	-	1	2
3.39	3	1	1	1	3
4.52	4	1	2	1	3
5.65	5	1	3	1	3
6.78	6	1	4	1	4
7.91	7	1	5	1	4
9.04	8	1	6	1	4
10.17	9	1	7	1	5
11.30	10	1	8	1	5
12.43	11	1	9	1	6
13.56	12	1	10	1	6
14.69	13	1	11	1	6
15.85	14	1	12	1	7
16.95	15	1	13	1	7
18.08	16	1	14	1	7
19.21	17	1	15	1	8
20.34	18	1	16	1	8
21.47	19	1	17	1	9
22.60	20	1	18	1	9

Contacts

TRILUX GmbH & Co. KG

Heidestraße · D-59759 Arnsberg
Postfach 19 60 · D-59753 Arnsberg
Tel. +49 (0) 29 32.3 01-0
Fax +49 (0) 29 32.3 01-3 75
sales@trilux.com · www.trilux.com

TRILUX LIGHTING LIMITED

TRILUX HOUSE, Winsford Way
Boreham Interchange
Chelmsford, Essex
CM2 5PD
Tel. +44 (0) 12 45.46 34 63
Fax +44 (0) 12 45.46 26 46
sales@trilux.co.uk · www.trilux.co.uk

All technical data including dimensional and weight specifications have been checked carefully. Errors excepted. We reserve the right to modify in the interest of progress. Luminaires are partly shown with accessories to be ordered separately. Images of installations may show custom manufactured luminaires.

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