



**ZUMTOBEL**

## **CIELOS**

**Modular lighting system**

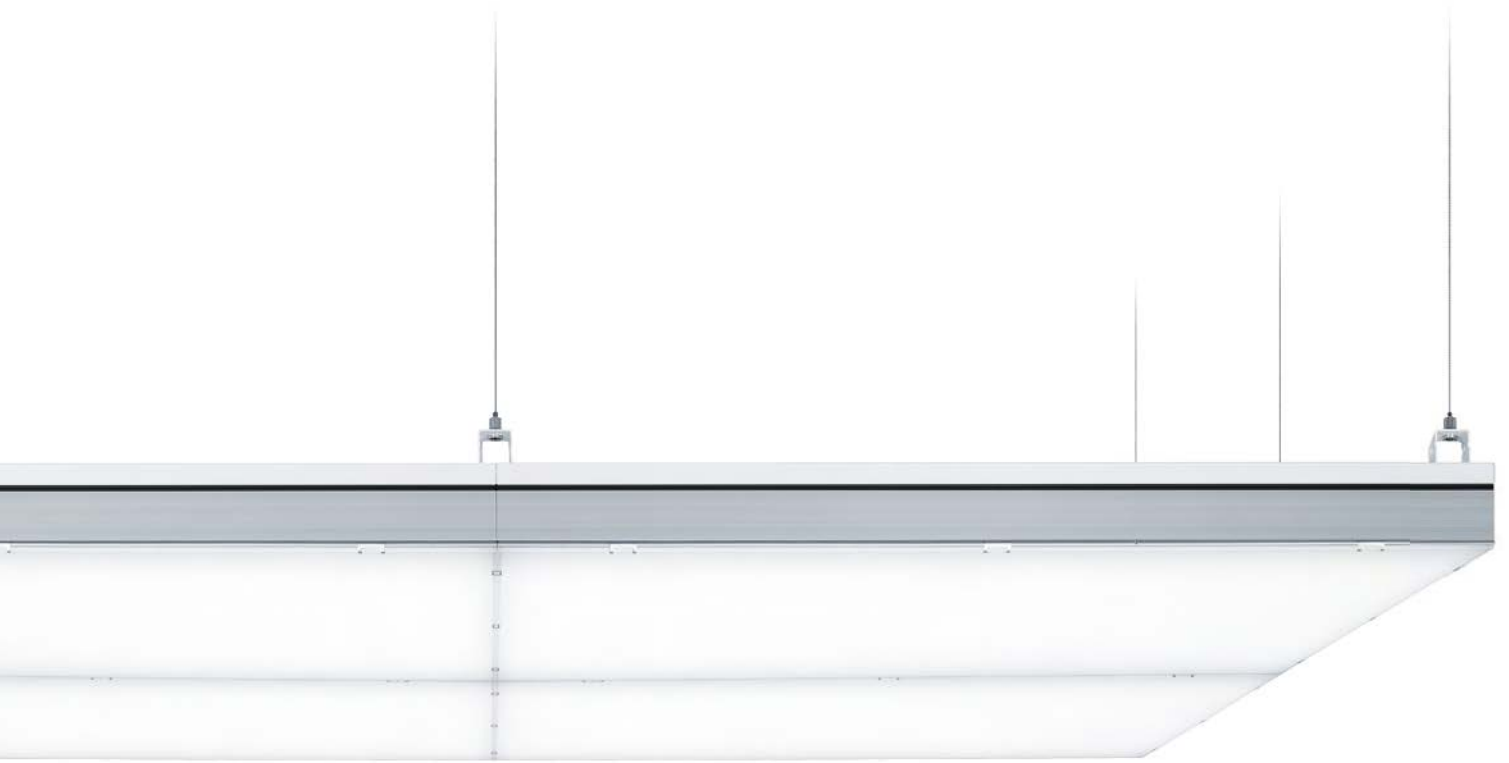
The essence of wide-area lighting.






**Design** Billings Jackson Design | London

“The lighting effect was meant to resemble a luminous ceiling. We wanted to create something that we could use in a straightforward manner in our own office, and something easy to maintain – this aspect was very important to us. We could see possible applications in shops, reception areas, at hairstylists, in doctors’ surgeries, restaurants, clubs .... indeed everywhere.”



# CIELOS

Modular light



**The essence of wide-area lighting** The modular luminaire turns diffuse surface lighting into a variable, malleable design element for ceilings, walls and objects. CIELOS is no custom-made item, and yet it's tailored to your respective needs. Easy to assemble and to install, with easy-to-maintain surfaces and also very interesting for smaller rooms. Even one single luminous module is able to create an emotional atmosphere, multiplying with each additional module. The diffuser made of high-quality satin-frosted white glass enhances the exclusive appearance of elegant entrance halls, conference rooms and exhibition areas.



# CIELOS

Versatility squared



† CIELOS pendant

The CIELOS luminaire stays in control of the situation in any position. All versions can be used as a solo performer or as part of a luminaire cluster. The fact that fixing and installation are completed in just a few simple steps is a feature that appeals to the practically-minded. There are surface mounting and pendant options for ceilings. CIELOS can be fixed directly onto walls as a vertical design feature.



↑ CIELOS surface-mounted on ceiling

CIELOS wall-mounted →



**Suspended using steel cord**  
Extra-slender and inconspicuous





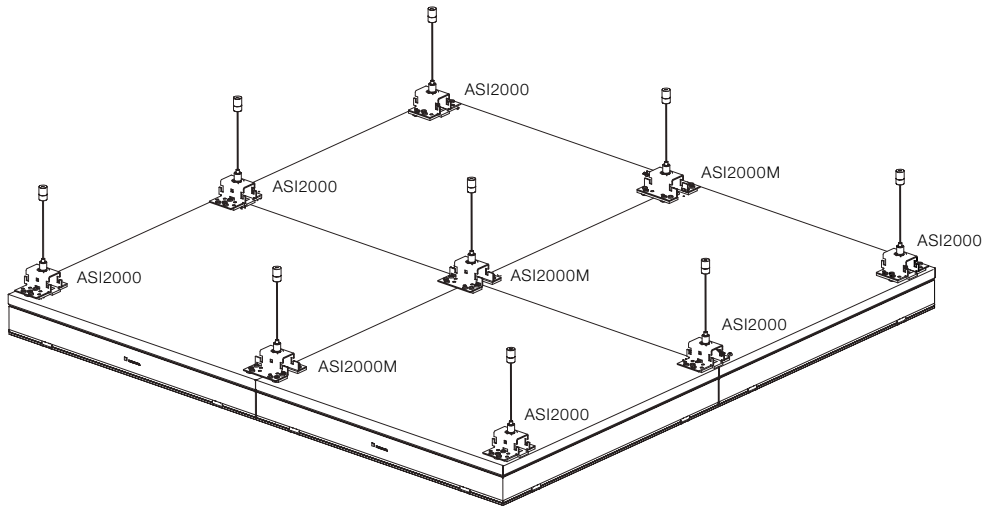
**CIELOS cord suspension** The extra-slender cord suspension assembly is intended for luminous ceilings comprising up to eight luminaires. The steel cords and their securely fixed metal brackets fulfil two functions: they ensure secure retention of the luminaire while also joining the modules together, eliminating the need for any other connectors. The luminaire modules can therefore be mounted and adjusted quickly. The cord suspension assembly requires minimum space of 90 mm. Thus, a suspended 80 mm CIELOS luminaire takes up only 170 mm of the overall room height.

**Suspended using trunking**

Strong and stable



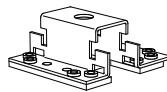
**CIELOS on ZX2 trunking** This highly robust trunking provides the requisite stability and safety for luminous ceilings consisting of nine or more CIELOS modules and makes full use of its tried-and-tested installation benefits. Suspension and adjustment are very straightforward allowing great craftsmanship without being timeconsuming. The trunking requires a height of just 230 mm. In total, 310 mm must be calculated for a CIELOS luminous ceiling installed on a trunking unit.



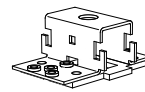
**Ordering example**

For a luminaire panel comprising 2 x 2 CIELOS

4 CIELOS Q600 luminaires	25 W LED	42 181 922
4 through-wiring kits	Q600 through-wiring kit 7 x 1.5 mm <sup>2</sup>	22 161 557
6 cord suspension kits (edge)	ASI2000	22 161 941
3 cord suspension kits (centre)	ASI2000M	22 161 940



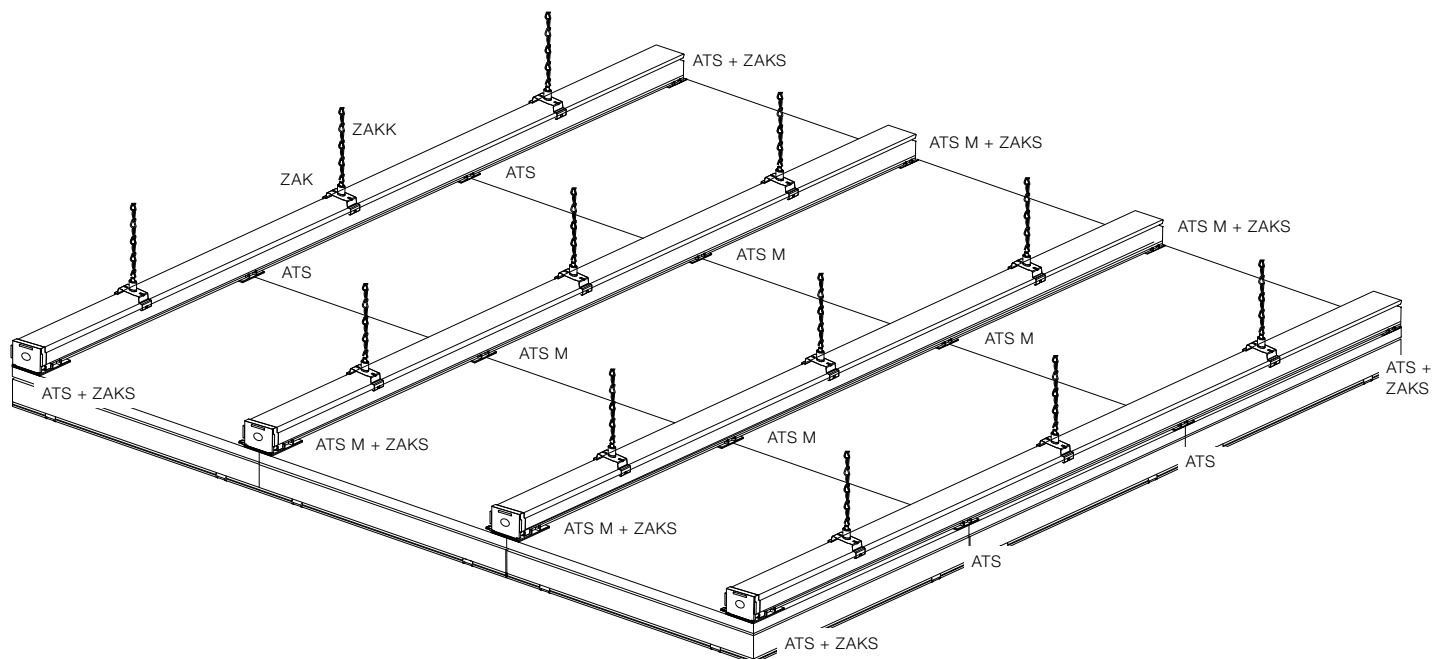
**ASI2000M**  
Connector for  
centre mounting



**ASI2000**  
Connector for  
edge mounting

Design tip for **cord suspension**

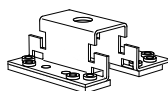
Cord suspension is recommended if there are eight or fewer luminaires. Perfectly positioned matching metal brackets simplify suspension and precise alignment of individual modules of a luminous ceiling. Cord suspension assembly ASI2000M connects the luminaires located in the centre of the luminaire panel; cord suspension assembly ASI2000 connects the luminaires by their front and rear edges.



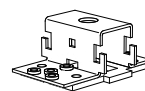
#### Ordering example

For a luminaire panel comprising 3 x 3 CIELOS

9 CIELOS Q900 luminaires	32 W LED	42 181 924
8 through-wiring units	Through-wiring kit Q900 7 x 1.5 mm <sup>2</sup>	22 161 558
4 trunking units	ZX2 T 3240 WH	22 157 860
8 end caps	ZX2 T-E	22 157 793
8 U-clamp terminals	ZAKS	03 231 208
8 connectors (edge)	ATS	22 161 937
8 connectors (centre)	ATS M	22 161 938
12 chain suspension kits	ZAK	20 350 553
12 knotted link chains (12 m in total)	ZAKK	20 042 906



**ATS M**  
Connector for  
centre mounting



**ATS**  
Connector for  
edge mounting

#### Design tip for **mounting on trunking**

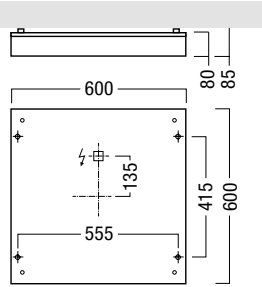
Nine or more CIELOS luminaires need the stability provided by trunking. Easy to assemble and adjust, the ZX2 trunking units can be arranged anywhere in the room. Connection to other ceiling systems is also possible. When doing so, make sure that all CIELOS modules are attached to the strong ZX2 trunking unit. All types of drywall ceilings can be butted up against a CIELOS luminous ceiling, but ceiling and luminous field cannot be mechanically joined.

[...] Shared properties CIELOS

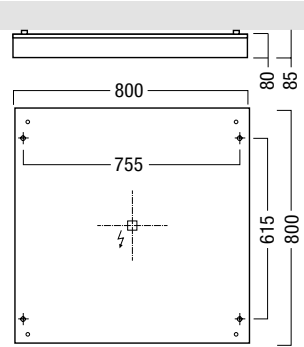
- Glass cover made of single-pane frosted safety glass (ESG)
- Frameless optic retained by means of discrete stainless-steel springs
- Housing made of sheet steel, painted white
- Easy maintenance: even those elements enclosed on all sides by other modules can be opened individually
- Luminaire pre-wired using halogen-free leads

**Installation CIELOS ceiling-mounted light**

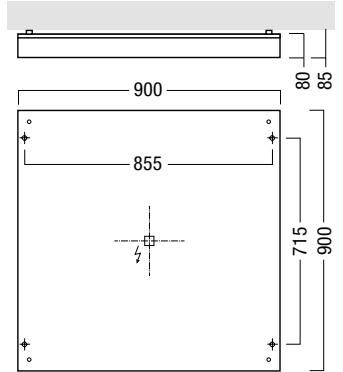
**CIELOS 1C 600 T16/LED**



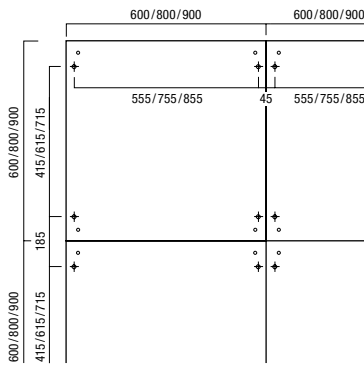
**CIELOS 1C 800 LED**



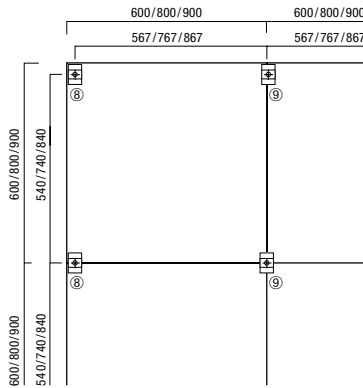
**CIELOS 1C 900 T16**



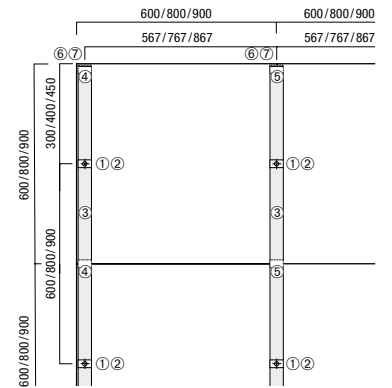
**Installed on ceiling or wall**



**Cord suspension (max. 2x2 module)**



**Trunking installation**



**Accessories required depending on installation type:**

*Cord suspension*

- Ⓢ cord suspension (ASI2000): 22 161 941
- Ⓣ cord suspension (ASI2000M): 22 161 940

*For trunking installation*

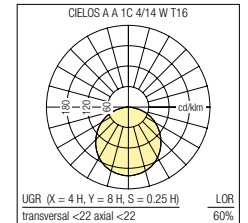
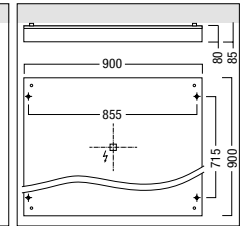
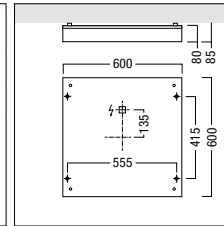
- ① ZAK chain suspension: 20 350 553
- ② ZAKK knotted link chain: 20 042 906
- ③ ZX2 T 3240 WH trunking: 22 157 860
- ④ ATS connector: 22 161 937
- ⑤ ATSM connector: 22 161 938
- ⑥ ZAKS U-clamp terminal: 03 231 208
- ⑦ ZX2 T-E Paar end cap: 22 157 793

CIELOS Monocolor (1C)

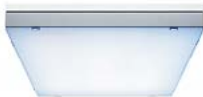


- [...]
  - Modular T16 luminaire for creating dynamic light surfaces on the ceiling or wall
  - High quality appearance with frosted white glass cover and natural anodised aluminium
  - Diffuse light distribution and visible luminance for pleasant, glare-free light
  - Double-diffusion chamber optic for extremely low-profile 80 mm design
  - For monochromatic lighting design (1C)
  - DALI control possible

	L/W/H	kg	Order no.	Order no.
<b>Modular lighting tile, one colour 1C</b>			<i>electronic</i>	<i>dimnable Dali</i>
4/14 WT16	600/600/80	11,4	42 177 122	42 177 123
6/21 WT16	900/900/80	15,1	42 177 112	42 177 113

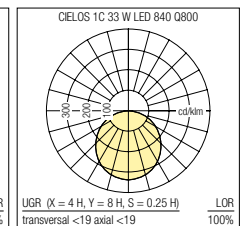
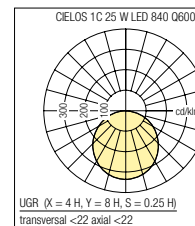


CIELOS Monocolor LED (1C)



- [...]
  - Modular luminaire for designing illuminated areas on ceilings or walls in prestigious areas
  - High quality appearance with frosted white glass cover and natural anodised aluminium
  - Diffuse light distribution and visible luminance for pleasant, glare-free light
  - Extremely low 80 mm construction
  - Aluminium chamber optic in natural anodised finish
  - DALI control possible

	L/W/H	kg	Order no.
<b>Modular lighting tile, one colour 1C</b>			
25 W LED 830 Q600 <i>eco+</i>	600/600/80	12,0	42 181 923
25 W LED 840 Q600 <i>eco+</i>	600/600/80	12,0	42 181 922
33 W LED 830 Q800	800/800/80	19,0	42 182 105
33 W LED 840 Q800	800/800/80	19,0	42 182 104



CIELOS accessories

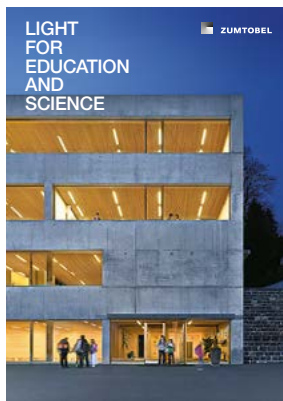
- Through-wiring for simple and space-saving wiring between luminaires
- Accessories for cord installation
- Accessories for track mounting

	L/W/H	kg	Order no.
<b>Cord suspension</b>			
ASI2000	2/2/2000		22 161 941
ASI2000M	2/2/2000	0,1	22 161 940
<b>Installed on trunking</b>			
ATS Link		0,2	22 161 937
ATS M Link		0,2	22 161 938
ZAK Chain suspension assembly white			20 350 553
ZAKK Knotted chain by the metre (nickel) galvanised		0,1	20 042 906
ZAKS Cage clamp terminal, white			03 231 208
ZX2 T 3240 WH white	3240/60/52	3,0	22 157 860
ZX2 T-E	1/63/56		22 157 793
ZX2 T-V straight connector		0,6	22 157 756
<b>Video driver</b>			
CCS Video drive		0,9	22 162 066
<b>Through-wiring</b>			
DV-Set Q600 7x1,5mm <sup>2</sup>		0,2	22 161 557
DV-Set Q900 7x1,5mm <sup>2</sup>		0,3	22 161 558
<b>Installation accessories</b>			
Rubber seal, 1 m (for wall and surface-mounting)			22 157 838
Suction cup			20 935 455





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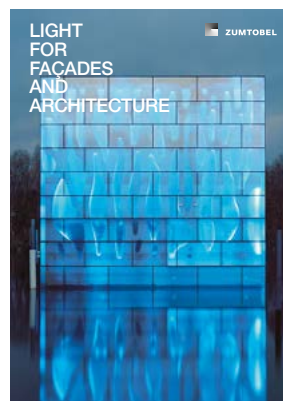
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**Zumtobel is the internationally leading supplier of integral lighting solutions for professional interior and exterior lighting applications.**

- Offices and Communication
- Education and Science
- Presentation and Retail
- Hotel and Wellness
- Art and Culture
- Health and Care
- Industry and Engineering
- Façades and Architecture

We provide unique customer benefits by integrating technology, design, emotion and energy efficiency. Under the Humanergy Balance concept, we combine the best possible ergonomic lighting quality for an individual's well-being with the responsible use of energy resources. The company's own sales organisations in twenty countries, as well as commercial agencies in fifty other countries, form an international network of experts and design partners providing professional lighting consulting, design assistance and comprehensive services.

**Lighting and sustainability**

In line with our corporate philosophy *"We want to use light to create worlds of experience, make work easier and improve communications and safety while remaining fully aware of our responsibility to the environment"*, Zumtobel offers energy-efficient high-quality products, while at the same time making sure that our production processes based on the considerate use of resources are environmentally compatible.

[zumtobel.com/sustainability](http://zumtobel.com/sustainability)



**Top quality – with a five-year guarantee.**

As a globally leading luminaire manufacturer, Zumtobel provides a five year manufacturer's guarantee on all Zumtobel branded products subject to registration within 90 days from the invoice date and in accordance with the terms of guarantee at [zumtobel.com/guarantee](http://zumtobel.com/guarantee).

Order no. 04 797 792-EN 05/2014 © Zumtobel Lighting GmbH  
 Technical data was correct at time of going to press.

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Tracks and spots



Modular lighting systems



Downlights



Recessed luminaires



Surface-mounted and pendant luminaires



Free-standing and wall-mounted luminaires



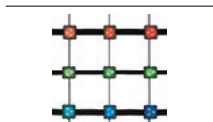
Continuous-row systems and individual batten luminaires



High-bay luminaires and floodlight reflector systems



Luminaires with extra protection



Façade, media and outdoor luminaires



Lighting management systems



Emergency lighting



Medical supply systems

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**ZUMTOBEL**

## **CIELOS**

### **Modular lighting system**

The essence of wide-area lighting.

