

# DRUM

## Data Sheet

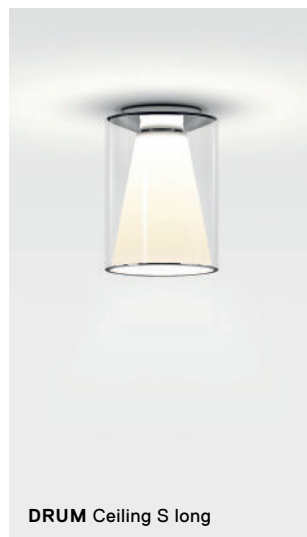
Ceiling



DRUM Ceiling S short



DRUM Ceiling S short



DRUM Ceiling S long



DRUM Ceiling M short



DRUM Ceiling M long

The DRUM luminaire family adds 4 cylindrical shapes to our product range. The respective combination gives rise to a geometric interplay of clear cylinders and cones with different angles on the inside. A transparent glass cylinder and matte internal reflector make for an appealing geometrical contrast and together become a luminaire with perfectly balanced light.

Examples of applications:

With its graphic appearance, the luminaire fits perfectly into clean-cut architecture, the contract world, private spaces, and offices. With DRUM, the size and alignment of the inner body are always based on the height and diameter of the outer body. The geometrically adjusted volume of the opaline internal reflector allows various versions of the luminaire, which with their different lengths can relate to the height of the space.

### Technical data sheet

DRUM Ceiling is made of hand blown glass and is available in two different diameters and lengths, in two different light colors and with Dim2warm functionality.

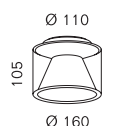
Design Jean-Marc da Costa

### Material & surfaces

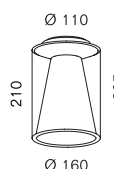


Lighting unit	aluminium highly polished
Glass shade	hand-blown glass clear
Reflector	acrylic glass opal

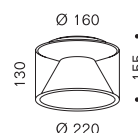
### Dimensions in mm



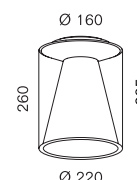
DRUM Ceiling S short



DRUM Ceiling S long







DRUM Ceiling M short



DRUM Ceiling M long


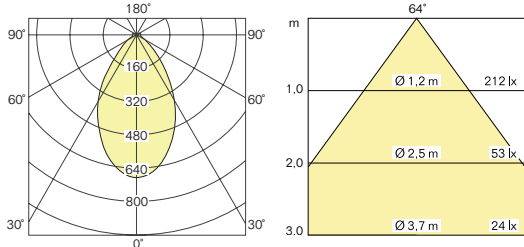

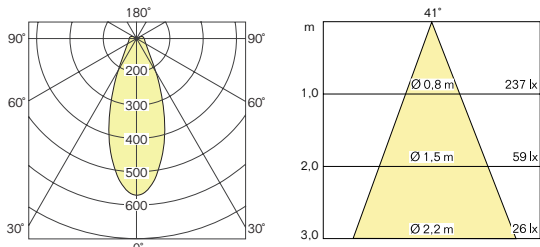

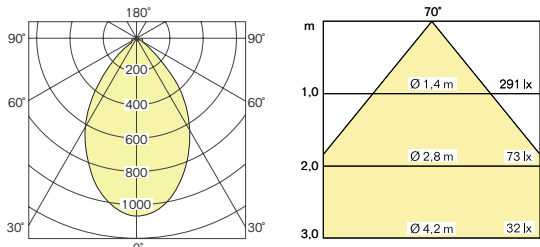

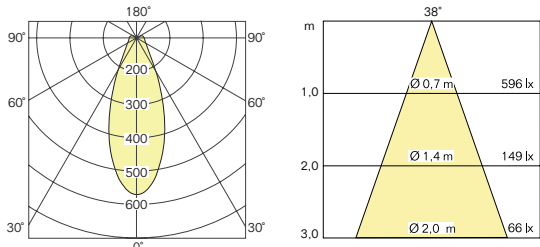
### Technical data

Illuminant	LED CoB			
Power	11 W		20 W	
Control	TRIAC		TRIAC, DALI, 0-10 V	
Color temperature	2700 K 1170 lm		2700 K 1910 lm	
Luminous flux LED	3000 K 1230 lm		3000 K 2010 lm	
(nominal value)	1800-3000 K D2W 900 lm		1800-3000 K D2W 1540 lm	
Operating voltage	primary 220- 240 V AC, secondary 36 V DC			
Average lifetime LED	50.000 h*			
Energy efficiency class	A			
Warranty	2 years			
Weight	1,3 kg	1,7 kg	2,0 kg	3,0 kg
Features	LED exchangeable, glass shade tool-free mountable with bayonet lock			
Marks	IP20    			

\* Information according to the manufacturers. serien Raumleuchten GmbH accepts no liability for the accuracy of the information.

### Photometric data sheet

The LED illuminant of DRUM Ceiling is positioned deep in the interior of the conical reflector and gives off soft diffused ambient light and directed downward light. For this a diffusor made of 92% translucent PMMA guarantees particularly soft light and evenly lit surfaces. DRUM is absolutely glare-free.




			Power	CRI	CCT	Luminous flux (measured value)
<b>DRUM Ceiling S short</b>						
			11 W	>97	2700 K	1000 lm
					3000 K	1050 lm
Light: directed downwards, diffuse all around		UGR ≤ 17				
<b>DRUM Ceiling S long</b>						
			11 W	>97	2700 K	780 lm
					3000 K	820 lm
Light: directed downwards, diffuse all around		UGR ≤ 14				
<b>DRUM Ceiling M short</b>						
			20 W	>97	2700 K	1710 lm
					3000 K	1800 lm
Light: directed downwards, diffuse all around		UGR ≤ 17				
<b>DRUM Ceiling M long</b>						
			20 W	>97	2700 K	1320 lm
					3000 K	1380 lm
Light: directed downwards, diffuse all around		UGR ≤ 16				




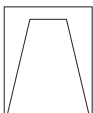

Note: The photometric data (EULUMDAT) can be downloaded from <https://serien.com/downloads/>

### Article numbers

### DRUM Ceiling S

figure	description	lamp	control	power	CCT	art.-no.
	lighting unit	LED	TRIAC	11 W	2700 K	LE015701
					3000 K	LE015702
					1800-3000 K D2W	LE015703
	glass long with reflector					DU015801
	glass short with reflector					DU015802

### DRUM Ceiling M

figure	description	lamp	control	power	CCT	art.-no.
	lighting unit	LED	TRIAC 0-10 V	20 W	2700 K	LE015710
					3000 K	LE015711
					1800-3000 K D2W	LE015712
			DALI 0-10 V	20 W	2700 K	LE015713
					3000 K	LE015714
					1800-3000 K D2W	LE015715
	glass long with reflector					DU015803
	glass long with reflector					DU015804

DRUM is a modular article. Please order the lighting unit and glass shade together.



### Special versions

S	DALI versions for the use in emergency lighting systems available on request.
M	DALI and 1-10 V versions for the use in emergency lighting systems available on request.
	Other versions (CCT/CRI) available on request.

### Lighting data

All values are rated values. Power and luminous flux are subject to an initial tolerance of +/- 10%.  
Tolerance of color temperature: +/-150 K. When not otherwise indicated the values apply for an ambient temperature of 25 °C.  
The specified nominal and measured values refer to the illuminants used at the time the data sheet was prepared. Omissions excepted.

### Caption

+ C	+C indicates products with pre-programmed CASAMBI module integrated in the luminaire. The CASAMBI functionality is basically applicable to all our products. For the different possibilities of integration (depending on the temperature)–in the luminaire, in the suspended ceiling, in the switch or the distribution box) we will be pleased to inform you. CASAMBI is a lighting control system which is operated via Bluetooth and can be integrated completely into the luminaire or behind the light switch. It is controlled via mobile devices using the free CASAMBI app, making its operation simple and intuitive. CASAMBI expands the possibilities of control with new options such as dimming, the programming of specific scenarios or groups, automations and many more. For further information, please visit <a href="http://www.casambi.com">www.casambi.com</a> .
CCT	CCT (Correlated Color Temperature) is the colour temperature of an LED and is specified in Kelvin (K). We supply LED lights with a colour temperature of 2700 K at short notice. LED lights with a color temperature of 3000 K and higher usually have longer delivery times.
CRI	Colour Rendering Index
D2W	Luminaires with this characteristic have the Dim2Warm function which, when dimmed, reproduces the colour gradient with the warmer light colour of a classic filament lamp.
DALI 1-10 V	5-core mains cable required for control via DALI or 1–10 V. All LED luminaires operated with DALI power supply units are suitable for use in emergency lighting systems.
Lumen	The luminous flux (lumen) specifications are nominal values, i.e. pure module luminous flux values. The luminous flux indicates how much light radiates in all directions.
TW	Luminaires with this characteristic have variable colour temperature control from warm to cool white light.
UGR	Unified Glare Rating
IP	Protection class
LOR	The luminaire operating efficiency is given as a LOR value (Light Output Ratio) in percent.
	The photometric data (EULUMDAT) can be downloaded from <a href="https://serien.com/downloads/">https://serien.com/downloads/</a>
	We are happy to make the Excel file with article numbers and current prices available to our trade partners. Please contact us at: <a href="mailto:serien@serien.com">serien@serien.com</a>
	The crossed-out wheelee bin indicates that this electrical appliance must not be disposed of via household waste. In order to protect human health and the environment against potentially hazardous substances, at the end of its lifecycle this product can be taken to a collection point close to you and disposed of free of charge there. This separate disposal enables electrical appliances to be reused or recycled.

At [www.serien.com/downloads](http://www.serien.com/downloads) you will find helpful information and the latest technical data:  
Data sheets, catalogues, price lists, lighting data (EULUMDAT), 3D CAD data, declarations of conformity, returns form, FAQs, assembly instructions, drilling templates and other service instructions.

### Credits

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