



## SONIC

suspended

**EN** Conical light housing in die-cast aluminium; powder coated; pendant fitting with cable suspension; with integrated tool-less suspension height adjustment; incl. feed or with height adjustable rod suspension (chrome), feed in rod; direct/indirect light distribution; indirect component – special PCBs for increased luminous flux (max. ceiling illumination); completely homogeneous illumination; energy-eff. LEDs – very good colour rendering; canopy for through wiring; acoustic elements made of high-quality, self-supporting, recycled PET felt (high acoustic performance by doubling the material) or as an acoustically effective lampshade (large selection of colours) with sound absorbing properties

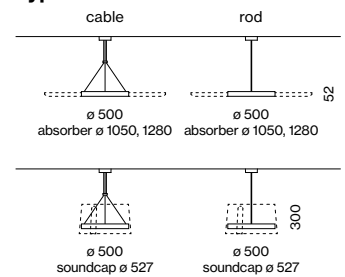
**DE** Konischer Leuchtenkörper aus Aluminiumdruckguss; pulverbeschichtet; abgependelt mit Seilabhängung; werkzeuglose Höhenverstellung an der Leuchte; inkl. Einspeiseleitung oder mit kürzbarer Pendelrohrabhängung (chrom), Einspeiseleitung in Pendelrohr; direkt/indirekte Abstrahlcharakteristik; Indirektlichtant. – eigene Platinen f. erhöhten Lichtstrom (max. Deckenaufhellung); absolut homogene Ausleuchtung; energieeff. LEDs – sehr gute Farbwiedergabe; Baldachin für Weiterverdrahtung; Akustikelemente aus hochwertigem, selbsttragendem, recyceltem PET-Filz (hohe akustische Performance durch Materialaufdopplung) oder als akustisch wirksamer Leuchterschirm (große Farbauswahl) mit schallabsorbierenden Eigenschaften

### Quickinfo

3000 K, 4000 K  
CRI ≥ 80, 3 SDCM  
up to 152lm/W  
L90 @ 50 000h  
DALI-2  
brightness & presence sensor  
microprismatic (UGR ≤ 19)

acoustic elements  
♻️ from recycled material  
🔥 available as B-s1, d0

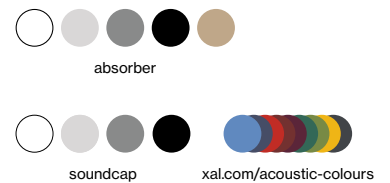
### Types



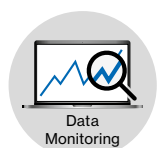
### Luminaire colours



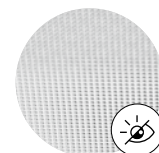
### Acoustic colours



### Light distribution



DiiA® standards  
251, 252, 253



microprismatic  
(UGR ≤ 19)



sensor version  
available



acoustic  
absorber



direct/indirect  
illumination

### Order options

<b>SUSPENSION</b>	
cable 1500 mm	2
rod 1000 mm	4

<b>COLOUR TEMPERATURE</b>	
3000K	5
4000K	6

<b>CONTROL</b>	
DALI-2	3
ESSENTIAL sensor (brightness & presence)	7

<b>LUMINAIRE COLOUR</b>	
<input type="radio"/> pure white RAL 9010	7
<input checked="" type="radio"/> black grey RAL 7021	6
<input type="checkbox"/> special colours*	X

\*canopy always in white

<b>ABSORBER COLOUR</b>	
<input type="radio"/> white	W
<input type="radio"/> marble grey	D
<input type="radio"/> anthracite	B
<input type="radio"/> black	L
<input type="radio"/> limestone	S

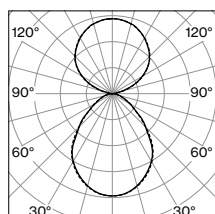
<b>SOUNDCAP COLOUR</b>	
<input type="radio"/> white	W
<input type="radio"/> marble grey	D
<input type="radio"/> felt grey	G
<input type="radio"/> black	L
<input type="checkbox"/> special colours	X

<b>LIGHT OPTIC COVER</b>	
microprismatic (UGR ≤ 19)	

### Options on request

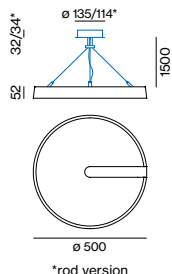
<b>COLOUR RENDERING INDEX</b>	
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### Light distribution



microprismatic  
direct/indirect

**LUMINOUS FLUX** value calculated for  
CRI ≥ 80, colour white, cover microprismatic



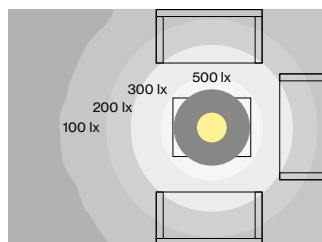
### SONIC suspended



#### DIRECT/INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
69W	3000K	↓ 5000/↑ 4940lm	0 5 9 - 7 7 2 1 1 1 1 P
	4000K	↓ 5290/↑ 5230lm	

### Technical data



**SONIC** suspended, 69W, 4000K  
direct/indirect with absorber

<b>ROOM VALUES</b>	
Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7   0.5   0.2
Maintenance factor	0.8
Mounting height	2.25 m

<b>CALCULATION SURFACE</b>	
Surface dimensions	Floor
Surface height	0.5 m

<b>GLARE EVALUATION</b>	
Table Classification X=4H   Y=8H   S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19

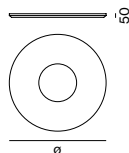


### Acoustic elements

#### SONIC ABSORBER ring

TYPE	Ø-H (mm)	ORDER CODE
1050	1050-50	0 5 9 - 7 7 1 1 2 1 ■
1280	1280-50	0 5 9 - 7 7 1 1 1 1 ■

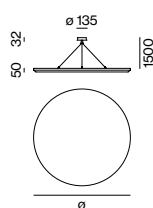
only in combination with SONIC suspended or SONIC free standing



#### SONIC ABSORBER DISC suspended

TYPE	Ø-H (mm)	ORDER CODE
1050	1050-50	0 5 9 - 7 7 2 2 2 1 ■
1280	1280-50	0 5 9 - 7 7 2 2 1 1 ■

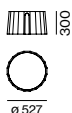
cable suspension 1500 mm

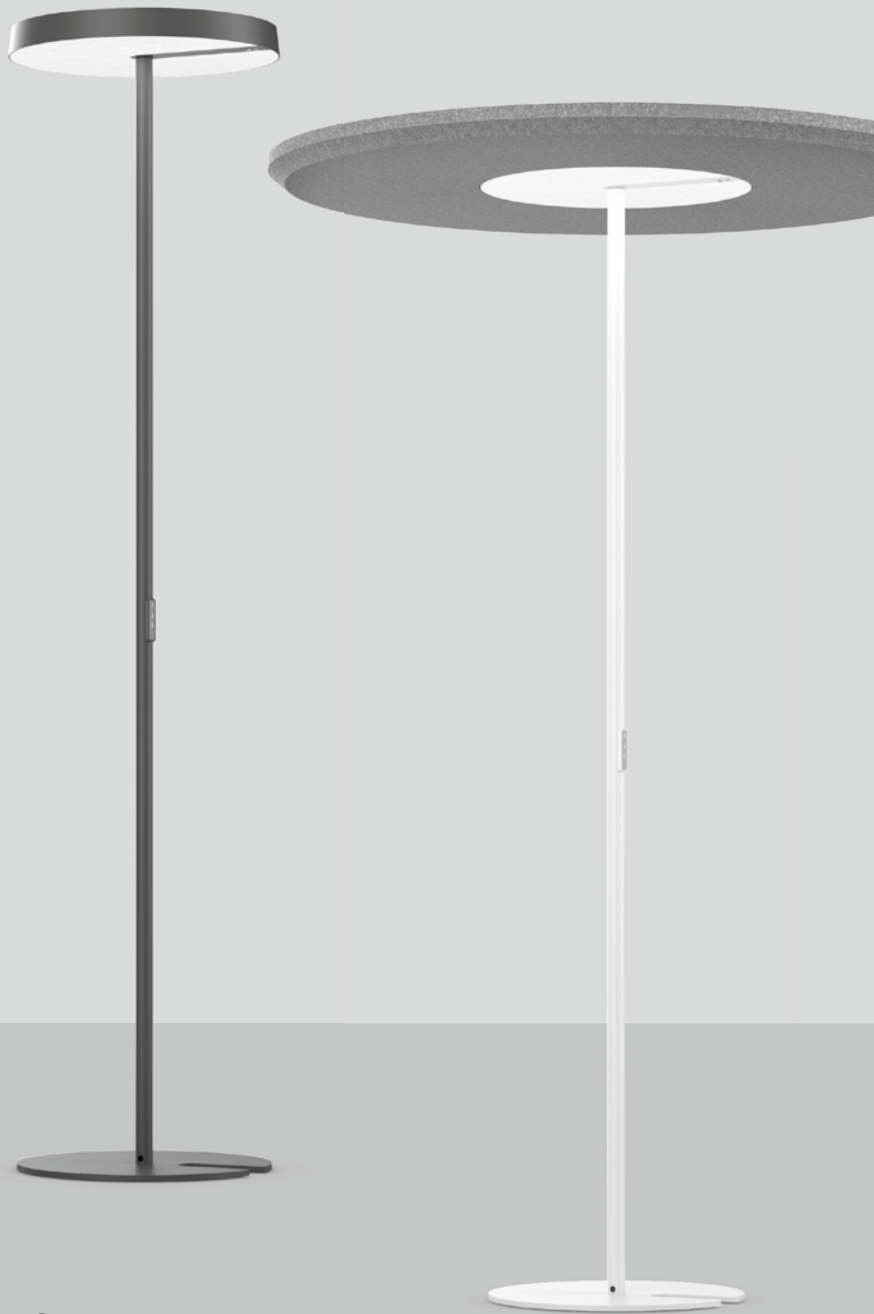


#### SONIC SOUNDCAP

TYPE	Ø-H (mm)	ORDER CODE
soundcap	527-300	0 5 9 - 7 7 3 1 1 1 □

only in combination with SONIC suspended or SONIC free standing;  
bracket colour white; other bracket colours on request;





# SONIC

free standing

**EN** Free standing luminaire with conical luminaire head in die-cast aluminium; powder coated; round aluminium downpipe arranged centralised or decentralised; round pedestal with recess for table base; direct/indirect light distribution; indirect component – special PCBs for increased luminous flux (max. ceiling illumination); optional: indirect component with special, inclined PCBs for asymmetric radiation characteristic; completely homogeneous illumination; energy-eff. LEDs – very good colour rendering; incl. connection cable (3m) with safety plug; acoustic elements made of high-quality, self-supporting, recycled PET felt (high acoustic performance by doubling the material) or as an acoustically effective lampshade (large selection of colours) with sound absorbing properties

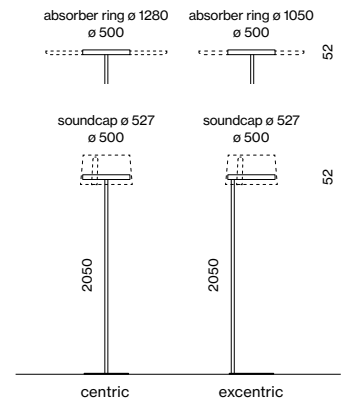
**DE** Stehleuchte mit konischem Leuchtenkopf aus Aluminiumdruckguss; pulverbeschichtet; rundes Aluminiumstandrohr wahlweise zentral oder dezentral angeordnet; runder Standfuß mit Ausnehmung für Tischfuß; direkt/indirekte Abstrahlcharakteristik; Indirektlichtant. – eigene Platinen f. erhöhten Lichtstrom (max. Deckenaufhellung); optional: Indirektlichtanteil mit eigenen, schräg gerichteten Platinen für asymmetrische Abstrahlcharakteristik; absolut homogene Ausleuchtung; energieeff. LEDs – sehr gute Farbwiedergabe; inkl. Anschlussleitung (3m) mit Schutzkontaktstecker; Akustikerelemente aus hochwertigem, selbsttragendem, recyceltem PET-Filz (hohe akustische Performance durch Materialaufdopplung) oder als akustisch wirksamer Leuchtschirm (große Farbauswahl) mit schallabsorbierenden Eigenschaften

## Quickinfo

3000 K, 4000 K  
 CRI ≥ 80, 3 SDCM  
 UGR ≤ 19 / 65° ≤ 3000 cd/m<sup>2</sup>  
 up to 152 lm/W  
 L90 @ 50 000h  
 non DIM, touch DIM on pole  
 brightness & presence sensor  
 microprismatic (UGR ≤ 19)

acoustic elements  
 ♻️ from recycled material  
 🔥 available as B-s1, d0

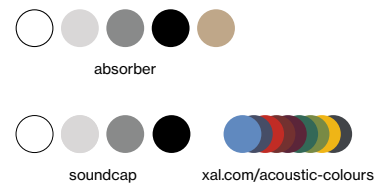
## Types



## Luminaire colours



## Acoustic colours



## Light distribution



DiiA® standards  
 251, 252, 253



microprismatic  
 (UGR ≤ 19)



sensor version  
 available



direct/indirect  
 illumination

### Order options

<b>COLOUR TEMPERATURE</b>	☐☐
3000K	5
4000K	6

<b>CONTROL</b>	⬆️⬆️
non DIM switch	1
touch DIM on pole	5
ESSENTIAL sensor (brightness & presence)	7

<b>LUMINAIRE COLOUR</b>	☑️
○ pure white RAL 9010	7
● black grey RAL 7021	6
🌈 special colours ➡ p.992	X

<b>ABSORBER COLOUR</b>	■
○ white	W
● marble grey	D
● anthracite	B
● black	L
● limestone	S

<b>SOUNDCAP COLOUR</b>	☐
○ white	W
● marble grey	D
● felt grey	G
● black	L
🌈 special colours	X

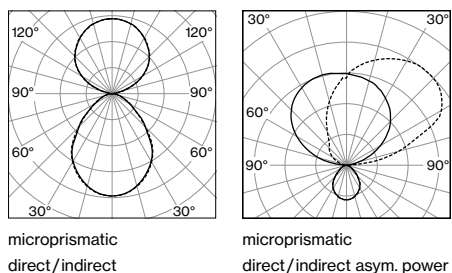
<b>LIGHT OPTIC COVER</b>	
microprismatic (UGR ≤ 19)	

### Options on request

<b>COLOUR RENDERING INDEX</b>	
CRI ≥ 90	

<b>CONTROL</b>	
cluster network DIM	
dynamic daylight control (BPI)	

### Light distributions



LUMINOUS FLUX value calculated for CRI ≥ 80, colour white, cover microprismatic

### SONIC centric pole free standing

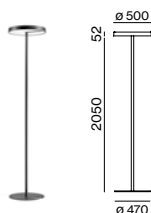


#### DIRECT/INDIRECT

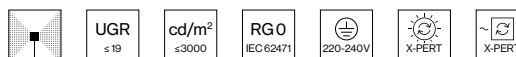
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
69W	3000K	↓ 5000/± 4940lm	0 5 9 - 7 9 2 1 ☐☐☐☐ P
	4000K	↓ 5290/± 5230lm	

#### DIRECT/INDIRECT ASYMMETRIC POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
105W	3000K	↓ 4260/± 9840lm	0 5 9 - 7 9 4 1 ☐☐☐☐ P
	4000K	↓ 4510/± 10500lm	



### SONIC excentric pole free standing

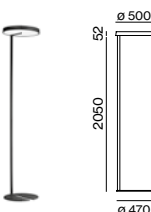


#### DIRECT/INDIRECT

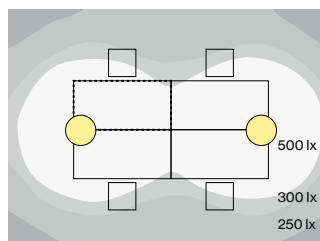
SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
69W	3000K	↓ 5000/± 4940lm	0 5 9 - 7 9 2 2 ☐☐☐☐ P
	4000K	↓ 5290/± 5230lm	

#### DIRECT/INDIRECT ASYMMETRIC POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
105W	3000K	↓ 4260/± 9840lm	0 5 9 - 7 9 4 2 ☐☐☐☐ P
	4000K	↓ 4510/± 10500lm	



### Technical data



SONIC excentric pole free standing  
69W, 4000K, direct/indirect

<b>ROOM VALUES</b>	
Room dimensions	5,4 × 4 × 2,8m
Reflection factor	0.7   0.5   0.2
Maintenance factor	0.8

<b>CALCULATION SURFACE</b> .....	
Surface dimensions	1,6 × 0,8
Surface height	0,75
Average illuminance (E <sub>m</sub> )	> 500 lx
Uniformity (U <sub>0</sub> )	> 0,6

<b>GLARE EVALUATION</b>	
Table Classification X=4H   Y=8H   S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19



### Acoustic elements

#### SONIC ABSORBER ring

TYPE	Ø-H (mm)	ORDER CODE
1050	1050-50	0 5 9 - 7 7 1 1 2 1 ■
1280	1280-50	0 5 9 - 7 7 1 1 1 1 ■

only in combination with SONIC suspended or SONIC free standing

#### SONIC SOUNDCAP

TYPE	Ø-H (mm)	ORDER CODE
soundcap	527-300	0 5 9 - 7 7 3 1 1 1 ☐

only in combination with SONIC suspended or SONIC free standing;  
bracket colour white; other bracket colours on request;

