

# 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

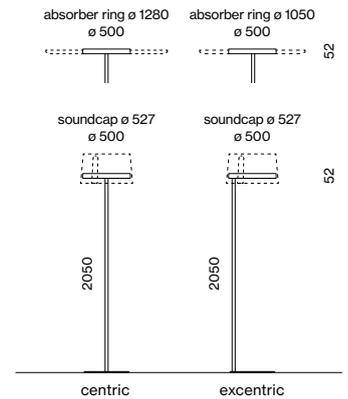
**DE** Stehleuchte mit konischem Leuchtenkopf aus Aluminiumdruckguss; pulverbeschichtet; rundes Aluminiumstandrohr wahlweise zentral oder dezentral angeordnet; runder Standfuß mit Ausnehmung für Tischfuß; direkt/indirekte Abstrahlcharakteristik; Indirektlichtant. – eigene Platinen f. erhöhten Lichtstrom (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 Leuchterschirm (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

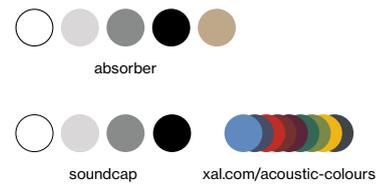
## Types



## Luminaire colours



## Acoustic colours



## Light distribution



DiiA® standards  
 251, 252, 253



### 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

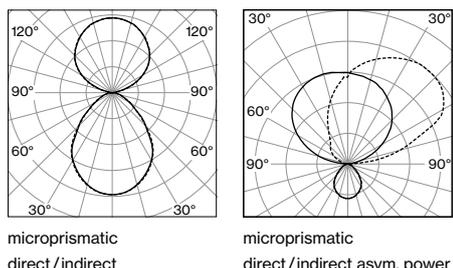
<b>LIGHT OPTIC COVER</b>	
microprismatic (UGR ≤ 19)	

### Options on request

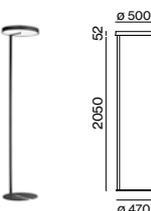
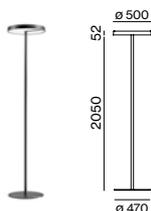
<b>COLOUR RENDERING INDEX</b>	
CRI ≥ 90	

<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	059-7921 ☐☐☐☐☐
	4000K	↓ 5290/± 5230lm	

#### DIRECT/INDIRECT ASYMMETRIC POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
105W	3000K	↓ 4260/± 9840lm	059-7941 ☐☐☐☐☐
	4000K	↓ 4510/± 10500lm	

### SONIC excentric pole free standing



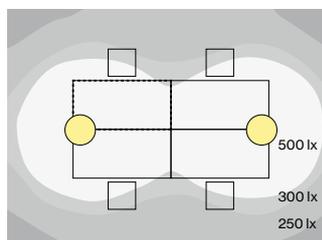
#### DIRECT/INDIRECT

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
69W	3000K	↓ 5000/± 4940lm	059-7922 ☐☐☐☐☐
	4000K	↓ 5290/± 5230lm	

#### DIRECT/INDIRECT ASYMMETRIC POWER

SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
105W	3000K	↓ 4260/± 9840lm	059-7942 ☐☐☐☐☐
	4000K	↓ 4510/± 10500lm	

### Technical data

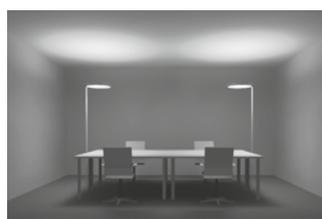


SONIC excentric pole free standing 69W, 4000K, direct/indirect

<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	059-771121 ■
1280	1280-50	059-771111 ■

only in combination with SONIC suspended or SONIC free standing

#### SONIC SOUNDCAP

TYPE	Ø-H (mm)	ORDER CODE
soundcap	527-300	059-773111 ☐

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

