



# SONIC

free standing

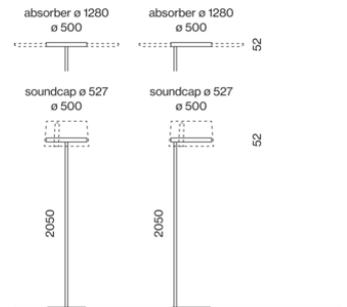
**EN** Free standing luminaire with conical luminaire head in die-cast aluminium; surface powder coated; round aluminium downpipe arranged centralised or decentralised; round pedestal with recess for table base; direct / indirect light distribution; indirect light component with special PCBs for increased luminous flux and maximum ceiling illumination; optional: indirect component with special, inclined PCBs for asymmetric radiation characteristic; completely homogeneous illumination; energy-efficient LEDs with very good colour rendering; incl. connection cable (3m) with safety plug; Acoustic elements made of high quality, self-supporting, at least 50% recycled PET felt (high acoustic performance by doubling the material) or as an acoustically effective lampshade (large selection of colours) with sound absorbing properties available

**ES** Lámpara de pie con cabezal cónico de inyección en aluminio; superficie con recubrimiento de pintura en polvo; tubo vertical de aluminio con ubicación opcionalmente centralizado o descentralizado; soporte redondo con sistema de fijación para pata de mesa; característica de emisión directa / indirecta; proporción indirecta con pletinas propias para un flujo luminoso aumentado y una iluminación máxima del techo; opcional: proporción indirecta con pletinas propias oblicuas para característica de emisión asimétrica; iluminación homogénea; LEDs de alta eficiencia que proporcionan una alta reproducción cromática; incluye 3 metros de cable de conexión; Elementos acústicos de fieltro PET al menos un 50% reciclado y autoportante de calidad superior (alto rendimiento acústico por duplicación de material) o como pantalla de luminaria con efecto acústico (gran selección de colores) y propiedades de absorción del sonido disponible

## Quickinfo

3000 K, 4000 K  
 CRI ≥ 80 / 3 SDCM (initial MacAdam)  
 UGR ≤ 16, UGR ≤ 19  
 hasta ↓ 5,290 lm / ↑ 10,300 lm  
 hasta 159 lm/W  
 L90 / 50000 h  
 non atenuable interruptor, sensor ESSENTIAL independiente, touch DIM en el poste  
 Microprismatic  
 IP20

## Types



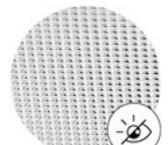
## Color



## Distribución luminosa



DiiA® standards 251, 252, 253



microprismatic UGR ≤ 19



sensor version available



direct / indirect illumination

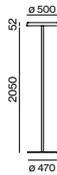


### SONIC free standing centric pole



#### DIRECT / INDIRECT CRI ≥ 80

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
66.0 W	3000 K	↓5000/↑4940 lm	151 lm/W	0 5 9 - 7 9 2 1 5 <input checked="" type="checkbox"/> P
	4000 K	↓5290/↑5230 lm	159 lm/W	0 5 9 - 7 9 2 1 6 <input checked="" type="checkbox"/> P



#### DIRECT / INDIRECT ASYMMETRIC POWER CRI ≥ 80

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
104.0 W	3000 K	↓4260/↑9620 lm	133 lm/W	0 5 9 - 7 9 4 1 5 <input checked="" type="checkbox"/> P
	4000 K	↓4510/↑10300 lm	142 lm/W	0 5 9 - 7 9 4 1 6 <input checked="" type="checkbox"/> P

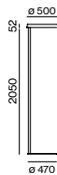


### SONIC free standing excentric pole



#### DIRECT / INDIRECT CRI ≥ 80

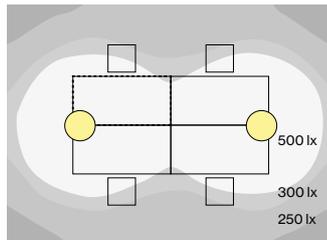
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
66.0 W	3000 K	↓5000/↑4940 lm	151 lm/W	0 5 9 - 7 9 2 2 5 <input checked="" type="checkbox"/> P
	4000 K	↓5290/↑5230 lm	159 lm/W	0 5 9 - 7 9 2 2 6 <input checked="" type="checkbox"/> P



#### DIRECT / INDIRECT ASYMMETRIC POWER CRI ≥ 80

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
104.0 W	3000 K	↓4260/↑9620 lm	133 lm/W	0 5 9 - 7 9 4 2 5 <input checked="" type="checkbox"/> P
	4000 K	↓4510/↑10300 lm	142 lm/W	0 5 9 - 7 9 4 2 6 <input checked="" type="checkbox"/> P

### Planning Information



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

#### ROOM VALUES

Room dimensions	5.4 × 4 × 2.8 m
Reflection factor	0.7   0.5   0.2
Maintenance factor	0.8

#### CALCULATION SURFACE .....

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



#### GLARE EVALUATION

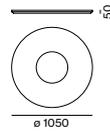
Table Classification X=4H   Y=8H   S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19

### Order options

CONTROL		COLOUR	
non DIM switch	1	special colours	X
touch DIM on pole	5	black grey RAL 7021	6
stand alone ESSENTIAL sensor	7	pure white RAL 9010	7

## Acoustic accessories (optional)

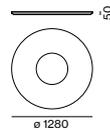
### ABSORBER RING 1050



COLOUR	Ø-H (mm)	ORDER CODE
anthracite	1050-50	0 5 9 - 7 7 1 1 2 1 B
marble grey	1050-50	0 5 9 - 7 7 1 1 2 1 D
black	1050-50	0 5 9 - 7 7 1 1 2 1 L
limestone	1050-50	0 5 9 - 7 7 1 1 2 1 S
white	1050-50	0 5 9 - 7 7 1 1 2 1 W
felt grey	1050-50	0 5 9 - 7 7 1 1 2 1 G

only in combination with SONIC suspended or SONIC free standing

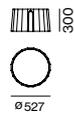
### ABSORBER RING 1280



COLOUR	Ø-H (mm)	ORDER CODE
anthracite	1280-50	0 5 9 - 7 7 1 1 1 1 B
marble grey	1280-50	0 5 9 - 7 7 1 1 1 1 D
black	1280-50	0 5 9 - 7 7 1 1 1 1 L
limestone	1280-50	0 5 9 - 7 7 1 1 1 1 S
white	1280-50	0 5 9 - 7 7 1 1 1 1 W
felt grey	1280-50	0 5 9 - 7 7 1 1 1 1 G

only in combination with SONIC suspended or SONIC free standing

### SOUNDCAP



COLOUR	Ø-H (mm)	ORDER CODE
marble grey	527-300	0 5 9 - 7 7 3 1 1 1 D
felt grey	527-300	0 5 9 - 7 7 3 1 1 1 G
black	527-300	0 5 9 - 7 7 3 1 1 1 L
white	527-300	0 5 9 - 7 7 3 1 1 1 W
acoustic special colours	527-300	0 5 9 - 7 7 3 1 1 1 X

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

## Order options

CONTROL		COLOUR	
non DIM switch	1	special colours	X
touch DIM on pole	5	black grey RAL 7021	6
stand alone ESSENTIAL sensor	7	pure white RAL 9010	7

# Borealis AG, Vienna

Austria

## Arquitecto

burghardt zt gesmbh

## Fotografía

Kurt Kuball



## Productos utilizados



## SONIC free standing



