

SONIC

free standing

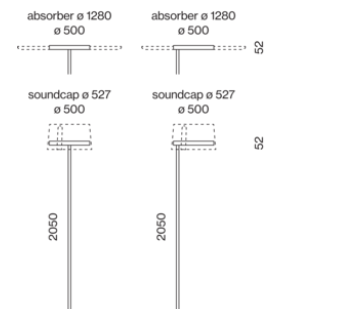
EN Free standing luminaire with conical luminaire head in die-cast aluminium; surface powder coated; round aluminium downpipe arranged centralised or decentralised; round pedestal with recess for table base; direct / indirect light distribution; indirect light component with special PCBs for increased 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

DE Stehleuchte mit konischem Leuchtenkopf aus Aluminiumdruckguss; Oberfläche pulverbeschichtet; rundes Aluminiumstandrohr wahlweise zentral oder dezentral angeordnet; runder Standfuß mit Ausnehmung für Tischfuß; direkt / indirekte Abstrahlcharakteristik; Indirektlichtanteil mit eigenen Platinen für erhöhten Lichtstrom und maximale Deckenaufhellung; optional: Indirektlichtanteil mit eigenen, schräg gerichteten Platinen für asymmetrische Abstrahlcharakteristik; absolut homogene Ausleuchtung; energieeffiziente LEDs mit sehr guter Farbwiedergabe; inkl. Anschlussleitung (3m) mit Schutzkontaktstecker; Akustikelemente aus hochwertigem, selbsttragendem, mind. 50% recyceltem PET-Filz (hohe akustische Performance durch Materialaufdopplung) oder als akustisch wirksamer Leuchtschirm (große Farbauswahl) mit schallabsorbierenden Eigenschaften erhältlich

Quickinfo

3000 K, 4000 K
 CRI \geq 80 / 3 SDCM
 UGR \leq 16, UGR \leq 19
 up to ↓ 5,290 lm / ↑ 10,500 lm
 up to 152 lm/W
 L90 / 50000 h
 non DIM switch, stand alone
 ESSENTIAL sensor, touch DIM on pole
 Microprismatic
 IP20

Types



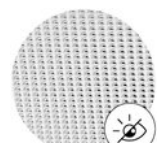
Colour



Light distributions



DiiA® standards
 251, 252, 253



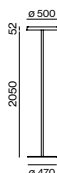
microprismatic
 UGR \leq 19



sensor version
 available



direct / indirect
 illumination



SONIC free standing centric pole

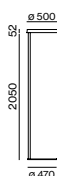


DIRECT / INDIRECT CRI ≥ 80

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
69.0 W	3000 K	↓5000/↑4940 lm	144 lm/W	0 5 9 - 7 9 2 1 5 P
	4000 K	↓5290/↑5230 lm	152 lm/W	0 5 9 - 7 9 2 1 6 P

DIRECT / INDIRECT ASYMMETRIC POWER CRI ≥ 80

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
103.0 W	4000 K	↓4510/↑10500 lm	146 lm/W	0 5 9 - 7 9 4 1 6 P
105.0 W	3000 K	↓4260/↑9840 lm	134 lm/W	0 5 9 - 7 9 4 1 5 P



SONIC free standing excentric pole



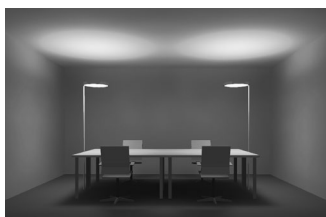
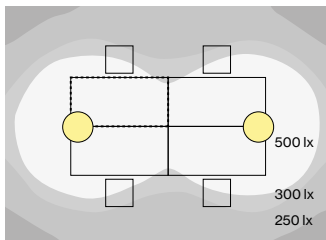
DIRECT / INDIRECT CRI ≥ 80

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
69.0 W	3000 K	↓5000/↑4940 lm	144 lm/W	0 5 9 - 7 9 2 2 5 P
	4000 K	↓5290/↑5230 lm	152 lm/W	0 5 9 - 7 9 2 2 6 P

DIRECT / INDIRECT ASYMMETRIC POWER CRI ≥ 80

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
103.0 W	4000 K	↓4510/↑10500 lm	146 lm/W	0 5 9 - 7 9 4 2 6 P
105.0 W	3000 K	↓4260/↑9840 lm	134 lm/W	0 5 9 - 7 9 4 2 5 P

Planning Information



SONIC excentric pole free standing 69 W, 4000 K, 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 _m)	> 500 lx
Uniformity (U ₀)	> 0.6

GLARE EVALUATION

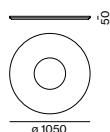
Table Classification X=4H Y=8H S=0.25H	
UGR transversal	≤ 19
UGR axial	≤ 19

Order options

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

Acoustic accessories (optional)

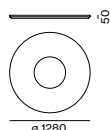
ABSORBER RING 1050



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

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

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

Borealis AG, Vienna

Austria

Architect

burghardt zt gesmbh

Photographer

Kurt Kuball



Used products



SONIC free standing



