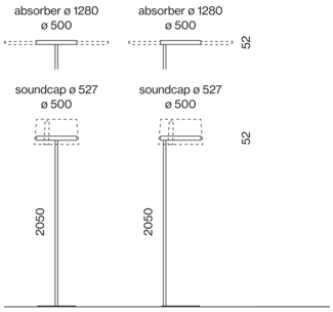


Quickinfo

3000 K, 4000 K
CRI ≥ 80 / 3 SDCM (initial MacAdam)
UGR ≤ 16, UGR ≤ 19
bis zu ↓ 5.290 lm / ↑ 10.300 lm
bis zu 159 lm/W
L85 / 50000 h
eigenständiger ESSENTIAL Sensor, nicht dimmbar Schalter, touch DIM an Stange
Microprismatic
IP20

Types



Farben



Lichtverteilung



SONIC

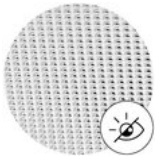
free standing

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 75% 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, selbsttragenden, mind. 75% recycelten PET-Filz (hohe akustische Performance durch Materialaufdopplung) oder als akustisch wirksamer Leuchtenschirm (große Farbauswahl) mit schallabsorbierenden Eigenschaften erhältlich



DiiA® standards 251, 252, 253



microprismatic UGR ≤ 19

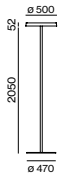


sensor version available



direct / indirect illumination





SONIC free standing centric pole

CRI ≥ 80 | UGR ≤ 16 | 220-240 V | X-PERT | X-PERT | presence | brightness

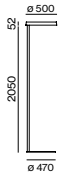
DIRECT / INDIRECT CRI ≥ 80

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 ◆ ◪ P
	4000 K	↧5290/↥5230 lm	159 lm/W	0 5 9 - 7 9 2 1 6 ◆ ◪ 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 ◆ ◪ P
	4000 K	↧4510/↥10300 lm	142 lm/W	0 5 9 - 7 9 4 1 6 ◆ ◪ P





SONIC free standing excentric pole

CRI ≥ 80 | UGR ≤ 16 | 220-240 V | X-PERT | X-PERT | presence | brightness

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 ◆ ◪ P
	4000 K	↧5290/↥5230 lm	159 lm/W	0 5 9 - 7 9 2 2 6 ◆ ◪ P

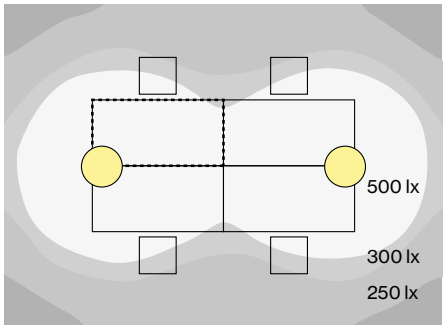
DIRECT / INDIRECT ASYMMETRIC POWER CRI ≥ 80

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 ◆ ◪ P
	4000 K	↧4510/↥10300 lm	142 lm/W	0 5 9 - 7 9 4 2 6 ◆ ◪ P

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

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

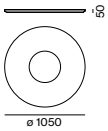
Surface dimensions	1.6 × 0.8
Surface height	0.75
Average illuminance (E_m)	> 500 lx
Uniformity (U_0)	> 0.6

GLARE EVALUATION

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

Acoustic accessories

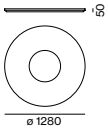
ABSORBER RING 1050



COLOUR	Ø·H (mm)	ORDER CODE
anthracite	1050·50	059-771121B
marble grey	1050·50	059-771121D
black	1050·50	059-771121L
limestone	1050·50	059-771121S
white	1050·50	059-771121W
felt grey	1050·50	059-771121G

only in combination with SONIC suspended or SONIC free standing

ABSORBER RING 1280



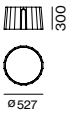
COLOUR	Ø·H (mm)	ORDER CODE
anthracite	1280·50	059-771111B
marble grey	1280·50	059-771111D
black	1280·50	059-771111L
limestone	1280·50	059-771111S
white	1280·50	059-771111W
felt grey	1280·50	059-771111G

only in combination with SONIC suspended or SONIC free standing

Order options

COLOUR	
anthracite	RAL 7021
marble grey	RAL 7047
limestone	RAL 070 70 20
felt grey	RAL 7037

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
limestone	527·300	0 5 9 - 7 7 3 1 1 1 S
anthracite	527·300	0 5 9 - 7 7 3 1 1 1 B

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

Order options

COLOUR	
anthracite	RAL 7021
marble grey	RAL 7047
limestone	RAL 070 70 20
felt grey	RAL 7037

Borealis AG, Vienna

Österreich

Architekt
burghardt zt gesmbh

Fotograf
Kurt Kuball



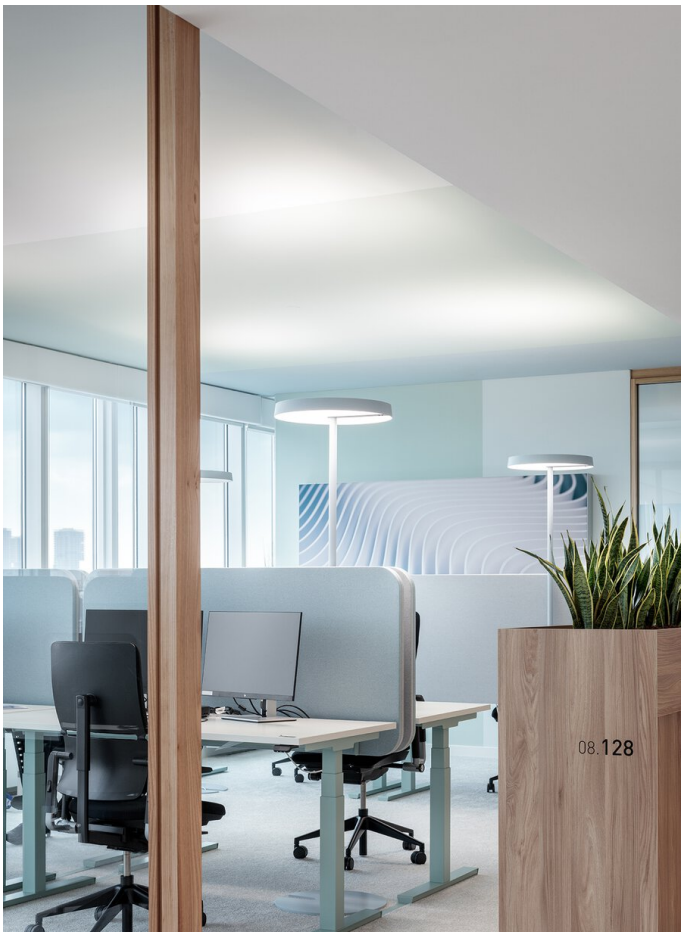
Verwendete Produkte



SONIC free standing

No liability is assumed for typographical or printing errors.
© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com


08.24


08.128



