

SONIC switch direct / indirect

free standing centric pole

059-7921517P



Project / Type

Notes

Count / Date



General

Floor , Standing

white , RAL 9010 ¹

IP20

indirect 4940 lm

direct 5000 lm

total 9940 lm

LED

3000 K

CRI \geq 80

L90 / 50000 h

initial MacAdam \leq 3 SDCM

MR 0.54

MDER 0.49

Optical

Microprismatic

microprismatic

UGR \leq 19

PstLM \leq 1.0 ²

SVM \leq 0.4 ²

Electrical

non DIM switch

220-240 V

system 69 W

system 144 lm/W³

PC1

Physical

centric pole 2050 mm

diameter 500 mm

height 2102 mm

19.3 kg

¹ RAL code ² Value of containing product at full load (undimmed)

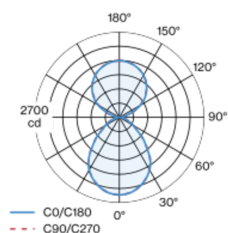
³ FIXTURE: incl. consideration of optical losses & internal control unit losses SYSTEM: incl. consideration of optical losses, internal control unit losses & operating device efficiency.

Installation instructions

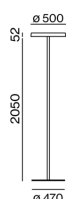


Free standing luminaire with conical luminaire head in die-cast aluminium; round pedestal with recess for table stand; round aluminium upright tube aligned centre; surface white powder coated; direct/indirect illumination characteristic; indirect light component with special PCBs for increased luminous flux and maximum ceiling illumination; indirect component covered with clear acrylic glass; direct lighting portion: micro prismatic PMMA cover; perfectly uniform illumination through use of a diffuse polycarbonate-based film; better light dispersion to transparency ratio; UGR \leq 19; light colour 3000 K; binning initial MacAdam \leq 3 SDCM; CRI \geq 80; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC1; 220-240 V; incl. converter, non dimmable; incl. connection cable (3m) with safety plug; sound absorbing accessories available: 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; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.95	0.93	0.91	0.9
LSF	1	1	1	1	1

MF	LMF × RSMF × LLMF × LSF	RSMF ^a	Room Surface Maintenance Factor
MF	Maintenance Factor	LLMF	Lamp Lumens Maintenance Factor
LMF ^a	Luminaire Maintenance Factor	LSF	Lamp Survival Faktor

^a According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	21
B13	27
B16	34
B20	42
B25	53
C10	35
C13	45
C16	57
C20	70
C25	88

Acoustic accessories

ABSORBER RING

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
marble grey	1280	059-771111D
black	1280	059-771111L
white	1280	059-771111W



SOUNDCAP

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
marble grey	527	059-773111D
felt grey	527	059-773111G
black	527	059-773111L
white	527	059-773111W
acoustic special colours	527	059-773111X

