

SONIC switch direct / indirect asymmetric power

free standing excentric pole
059-794261XP



Project / Type

Notes

Count / Date



Free standing luminaire with conical luminaire head in die-cast aluminium; round pedestal with recess for table stand; round aluminium upright tube aligned off-centre; surface special colours powder coated; direct/indirect illumination characteristic; indirect component with special, inclined PCBs for asymmetric radiation characteristic; indirect component covered with clear acrylic glass; direct lighting portion: micro prismatic PMMA cover; perfectly unifrom illumination through use of a diffuse polycarbonate-based film; better light dispersion to transparency ratio; UGR ≤ 16 ; light colour 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 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;



General

Floor | Standing

special colours

IP20

indirect 10500 lm | direct 4510 lm

total 15010 lm

LED

4000 K

CRI ≥ 80

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

MR 0.72 | MDER 0.66

Optical

Microprismatic | microprismatic

UGR ≤ 16

PstLM ≤ 1.0 ¹ | SVM ≤ 0.4 ¹

Electrical

non DIM switch

PC1 | 220-240 V

system 103 W

system 146 lm/W ²

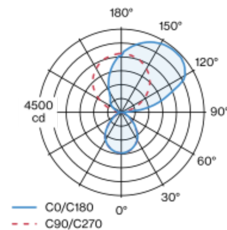
Physical

excentric pole 2050 mm

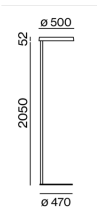
diameter 500 mm | height 2102 mm

¹ Value of containing product at full load (undimmed)
² incl. consideration of optical losses, internal control unit losses & operating device efficiency

Light distribution



Product drawing



Installation instructions



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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

MF

LMF^a

LMF × RSMF × LLMF × LSF

Maintenance Factor

Luminaire Maintenance Factor

RSMF^a

LLMF

LSF

Room Surface Maintenance Factor

Lamp Lumens Maintenance Factor

Lamp Survival Factor

^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	29
C10	35
C13	45
C16	57

