

SONIC switch direct / indirect asymmetric power

free standing centric pole
059-7941516P



Project / Type _____

Notes _____

Count / Date _____



General

Floor , Standing _____

dark grey , RAL 7021 ¹ _____

IP20 _____

indirect 9840 lm _____

direct 4260 lm _____

total 14100 lm _____

LED

3000 K _____

CRI ≥ 80 _____

L90 / 50000 h _____

initial MacAdam ≤ 3 SDCM _____

MR 0.54 _____

MDER 0.49 _____

Optical

Microprismatic _____

microprismatic _____

UGR ≤ 16 _____

PstLM ≤ 1.0 ² _____

SVM ≤ 0.4 ² _____

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 dark grey 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 uniform illumination through use of a diffuse polycarbonate-based film; better light dispersion to transparency ratio; UGR ≤ 16; light colour 3000 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;

Electrical

non DIM switch _____

220-240 V _____

system 105 W _____

system 134 lm/W³ _____

PC1 _____

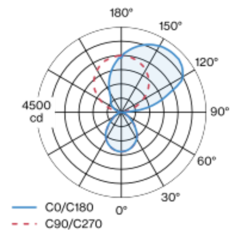
Physical

centric pole 2050 mm _____

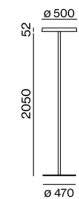
diameter 500 mm _____

height 2102 mm _____

Light distribution



Product drawing



¹ RAL code ² Value of containing product at full load (undimmed)
³ incl. consideration of optical losses, internal control unit losses & operating device efficiency

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 | 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 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 |

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 |

