



# SONIC excentric pole free standing DIRECT / INDIRECT

059-7922677P

PROJECT

TYPE

NOTES

QUANTITY

DATE

## GENERAL

Floor \_\_\_\_\_  
 Standing \_\_\_\_\_  
 white \_\_\_\_\_  
 IP20 \_\_\_\_\_  
 indirect 5500 lm \_\_\_\_\_  
 direct 5250 lm \_\_\_\_\_  
 total 10750 lm \_\_\_\_\_  
 RAL9010<sup>a</sup> \_\_\_\_\_

## LED

4000 K \_\_\_\_\_  
 CRI ≥ 80 \_\_\_\_\_  
 L90 / 50000 h \_\_\_\_\_  
 photobio. safety RG 0 - no Risk \_\_\_\_\_

## OPTICAL

Microprismatic \_\_\_\_\_

## PHYSICAL

Excentric Pole 2050 mm \_\_\_\_\_  
 diameter 500 mm \_\_\_\_\_  
 height 2102 mm \_\_\_\_\_  
 18 kg \_\_\_\_\_

## ELECTRICAL

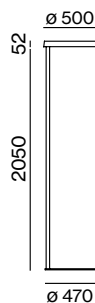
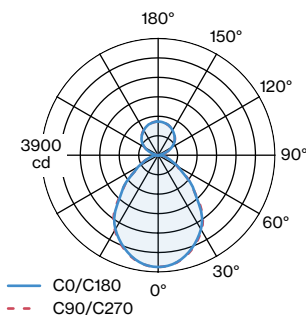
daylight & movement sensor \_\_\_\_\_  
 71 W \_\_\_\_\_  
 151 lm/W \_\_\_\_\_  
 PC1 220-240V \_\_\_\_\_

<sup>a</sup> RAL Palette colors may deviate slightly due to production conditions.



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 white powder coated; direct/indirect illumination characteristic; indirect 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; light colour 4000 K; Binning initial ≤ 3 MacAdam; CRI ≥ 80; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC1 220-240V; photobiological safety according to IEC 62471 risk group RG 0 - no Risk; luminaire with integrated infrared presence and brightness sensor; automatic light control for individually adjustable brightness; variable automatic shutdown; easy adjustment by integrated miniature push-button; presence sensor detection range ø4,5m on the floor; incl. connection cable (3m) with safety plug; sound absorbing accessories available: patented soundproofing element made of expanded polystyrene (EPS);

## Light Distribution





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## Circuit Breaker Types

| Automatic<br>Circuit Breaker<br>Type | Number of<br>Fixtures |
|--------------------------------------|-----------------------|
| B10                                  | 31                    |
| B16                                  | 50                    |
| B20                                  | 62                    |
| B25                                  | 78                    |
| C10                                  | 52                    |
| C16                                  | 85                    |
| C20                                  | 104                   |
| C25                                  | 130                   |

## 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               | $LMF \times RSMF \times LLMF \times LSF$ | RSMF <sup>a</sup> | Room Surface Maintenance Factor |
| MF               | Maintenance Factor                       | LLMF              | Lamp Lumens Maintenance Factor  |
| LMF <sup>a</sup> | Luminaire Maintenance Factor             | LSF               | Lamp Survival Faktor            |

<sup>a</sup> 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.

## Other

### ABSORBER

| TYPE        | COLOUR      | Ø·H (MM) | ORDERCODE             |
|-------------|-------------|----------|-----------------------|
| bazalt grey | bazalt grey | ∅1280·72 | 9 5 9 - 6 9 9 9 1 1 6 |
| light grey  | light grey  | ∅1280·72 | 9 5 9 - 6 9 9 9 1 1 7 |