



# SONIC centric pole free standing DIRECT / INDIRECT ASYMETRIC POWER

059-7941677P

PROJECT \_\_\_\_\_

TYPE \_\_\_\_\_

NOTES \_\_\_\_\_

QUANTITY \_\_\_\_\_

DATE \_\_\_\_\_

## GENERAL

Floor \_\_\_\_\_  
 Standing \_\_\_\_\_  
 white \_\_\_\_\_  
 IP20 \_\_\_\_\_  
 indirect 9960 lm \_\_\_\_\_  
 direct 2690 lm \_\_\_\_\_  
 total 12650 lm \_\_\_\_\_  
 RAL9010 <sup>a</sup> \_\_\_\_\_

## LED

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

## OPTICAL

Microprismatic \_\_\_\_\_  
 UGR < 13 \_\_\_\_\_  
 ≥65° <3000 cd/m<sup>2</sup> \_\_\_\_\_

## PHYSICAL

Centric Pole 2050 mm \_\_\_\_\_  
 diameter 500 mm \_\_\_\_\_  
 height 2102 mm \_\_\_\_\_  
 20 kg \_\_\_\_\_

## ELECTRICAL

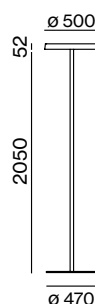
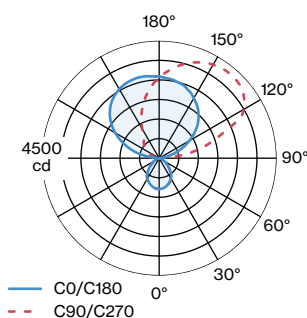
daylight & movement sensor \_\_\_\_\_  
 97 W \_\_\_\_\_  
 130 lm/W \_\_\_\_\_  
 PC1 220-240V \_\_\_\_\_

<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 centre; surface white 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 ≤ 13; VDU compatible workplace luminaire according to DIN EN 12464-1; luminance above 65° ≤ 3000 cd/m<sup>2</sup>; 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 Circuit Breaker Type	Number of 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