

# SONO 450 direct

surface

071-9146517ONL3



Project / Type

Notes

Count / Date



### General

Ceiling / Wall , Surface

white , RAL 9010 <sup>1</sup>

IP50

IK07

3060 lm

### LED

3000 K

CRI ≥ 80

L90 / 50000 h

initial MacAdam ≤ 3 SDCM

MR 0.54

MDER 0.49

### Optical

Opal

opal (lambertsch)

PstLM ≤ 1.0<sup>2 3</sup>

SVM ≤ 0.4<sup>2 3</sup>

### Electrical

non DIM

220-240 V

3h accupack

system 23.2 W

system 132 lm/W<sup>4</sup>

PC1

### Physical

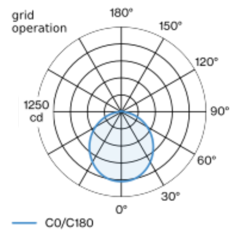
diameter 445 mm

height 80 mm

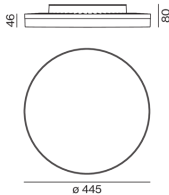
4 kg

Round luminaire housing in die-cast aluminium; surface white powder coated; suitable for wall or ceiling mounting; time saving installation through snap-in mounting system; LED board highly reflective lacquered for higher efficiency; same luminance for all size versions; 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; completely homogeneously illuminated, satin PMMA cover; luminaire with 2 cable openings and plug-in terminal for through wiring; degree of protection IP50; PC1; 220-240 V; shock resistance IK07; internal wiring in light halogen free; incl. converter, non dimmable; incl. LED emergency light element with 3h rechargeable battery and self-test; light source not replaceable; control gear replaceable by an authorized professional;

### Light distribution



### Product drawing



<sup>1</sup> RAL code <sup>2</sup> grid operation  
<sup>3</sup> Value of containing product at full load (undimmed)  
<sup>4</sup> incl. consideration of optical losses, internal control unit losses & operating device efficiency

### Installation instructions

