

# SONO 450 direct

surface

071-9146637ONL3



Project / Type

Notes

Count / Date

IP 50

IK 07

220-240V

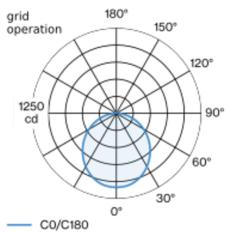


X-PERT

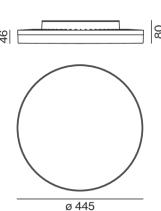


Round luminaire housing in die-cast aluminium; surface white powder coated; suitable for wall or ceiling mounting; time saving installation through snap-in mounting system; LED board highly reflective lacquered for higher efficiency; same luminance for all size versions; light colour 4000 K; binning initial MacAdam  $\leq 3$  SDCM; CRI  $\geq 80$ ; 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 220-240V; photobiological safety according to IEC 62471 risk group RG 0 - no Risk; shock resistance IK07; internal wiring in light halogen free; incl. DALI-2 converter; 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



## General

Ceiling / Wall, Surface  
white, RAL9010<sup>1</sup>

IP50

IK07

3240 lm

## LED

4000 K  
CRI  $\geq 80$   
L90 / 50000 h  
photobio. safety RG 0 - no Risk  
initial MacAdam  $\leq 3$  SDCM  
MR 0.72  
MDER 0.66

## Optical

Opal  
PstLM  $\leq 1.0$ <sup>2</sup>  
SVM  $\leq 0.4$ <sup>2</sup>

## Electrical

DALI-2  
3h accupack  
23.2 W  
PC1 220-240V  
140 lm/W  
1 DALI Addr.

## Physical

diameter 445 mm  
height 80 mm  
4 kg

<sup>1</sup> RAL code <sup>2</sup> Value of containing product at full load (undimmed)

## Installation instructions



[071-9146637ONL3] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.

© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · [www.xal.com](http://www.xal.com)

03.05.2024

1 / 1